

THE FOURTH DIMENSION OF FURNITURE

LOOX. THE LED LIGHTING SYSTEM

ENGINEERED
BY HÄFELE

LOOX
& LOOX5

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Do you need Loox or Loox5, 12 V or 24 V ?

Let us help you decide - see page 20

Loox step by step system configuration



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LOOX5 GUIDE

Loox5 Lighting Guide

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LIGHTS & MEDIA

Loox5 Lights & Media

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Loox5 Power

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Loox5 step by step system configuration



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Technical Advice

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INTRO

**LOOK
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LIGHTS
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POWER

**LOOK5
GUIDE**

①

LIGHTS
& MEDIA

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CONNECT
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**TECHNICAL
ADVICE**

Lighting designed for furniture

Loox lighting delivers a fourth dimension to your design and forms a partnership between you and one of the world's largest manufacturers and distributors of furniture lighting. With over 50 countries' combined expertise, you can be assured in the quality of Loox products and have peace of mind from the backing of Häfele support services.

Quick and simple

Loox lighting, engineered by Häfele, transforms its surroundings. Forming an integral part of furniture design, this unique solution has been designed by experts who know how furniture looks, works and fits together. With plug-and-play technology at the heart of its design, this comprehensive and flexible system could not be easier to connect, is simple and quick to fit and delivers maximum impact for your customer.

Support services - From specification to made-to-measure

And it's not just the high-quality products that you get with lighting from Häfele, it's an unparalleled service package designed to make lighting a space as easy as possible. Our lighting experts will create your lighting plan and specify your products, through our free Lighting Design Service. We can then cut, package, assemble, label and deliver these products to your exact needs using Häfele to Order. From specification to installation, it really couldn't be easier. For more information see page 4.

Peace of mind

Every Loox product you receive is built to last, having been tested rigorously to industry standards, and is covered by Häfele's Lifetime Guarantee of 7 years. You also have the reassurance of our membership to The Lighting Industry Association, Samsung LEDs* and our globally-recognised Interzum award for lighting innovation.

How to use this brochure

If you would like some inspiration and tips on how lighting can impact your design, turn to page 10.

If you have never used Loox lighting before, and do not want to use our free Lighting Design Service, we will hand hold you through your choices within this brochure. Two considerations to make before choosing your lighting are whether you want:

1. The Loox or Loox5 range – to pick which system is right for you read page 18
2. A 12 V or 24 V system - read more on page 19.

This brochure has been split into two sections, Loox at the front and Loox5 at the rear. So once you have made the two decisions above, then follow the 4 easy steps to specify Loox, or 5 easy steps to specify Loox5, indicated by the tabs opposite. For an overview of these steps, and a checklist to ensure you have everything, then flick to page 26 for Loox and 150 for Loox5.



*Specific lights are equipped with Samsung LEDs - refer to product pages for details

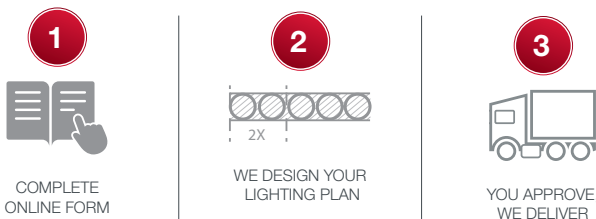
Why use Loox engineered by Häfele?

The answer is simple; our combination of products and services makes us unique in the market; our quality furniture lighting, our free Lighting Design Service, which removes the time spent specifying and pricing, and our Häfele to Order cut, pack and assemble service used together can deliver a true plug and play experience.

Lighting Design Service

Make lighting a space easy by using the Häfele Lighting Design Service. Our lighting experts will create your bespoke lighting design to suit your needs and send you your lighting plan*, product list and priced quote.

Just follow our 3 easy steps to take advantage of this free of charge service. Download and complete the enquiry form, sending it to us with your floor layout, we design your lighting plan, you approve and we deliver.



*Please allow up to 10 working days to receive your design.



Häfele to Order Service

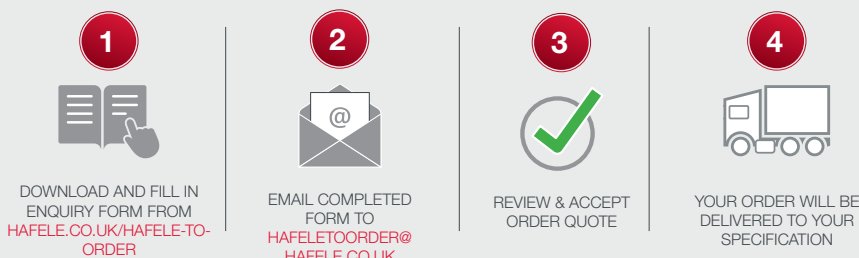
Order in 4 easy steps.

Our bespoke made-to-order service offers cutting, finishing, assembling and packing of selected products to suit your exact requirements, saving you time and money. All requests will be considered.

There is no minimum requirement. If you only need a single length to be cut, or a small number of products to be packed for a site, we are happy to offer this service.

For more information visit:

hafele.co.uk/hafele-to-order or call our Technical Advice Team on 0800 181 4290.



*Please note this service is only available on selected products and these are subject to change

Häfele Lifetime Guarantee

At Häfele, we recognise the importance of quality, function and design when it comes to making furniture. That's why we have the Häfele Lifetime Guarantee across all products that we manufacture, or bring to you under the Häfele brand name.

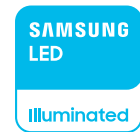
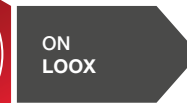
All Loox products that carry a Häfele Lifetime Guarantee have met our quality standards and have been tested according to the relevant industry certification.

We are happy to guarantee that the product will function as intended, with no loss of operating quality, for the guaranteed lifetime of that product, which for Loox is 7 years.

What is covered by the Häfele Guarantee?

The Häfele Lifetime Guarantee covers normal use of the products in a domestic environment – or in commercial environments our standard 12 month guarantee would apply – please contact our customer service team for more information.

*Ts & Cs apply. See hafele.co.uk for details.



WHEN YOU NEED IT
MADE-TO-ORDER,
SPEAK TO HÄFELE

You Specify. We Deliver.



COLOUR
CONSISTENCY -
LONG TERM
CUSTOMER
SATISFACTION

HIGHEST QUALITY
CLASS LEDS -
TESTED POST
PRODUCTION

ALL MATERIAL
COMPONENTS
CONTINUALLY TESTED
AND CERTIFIED

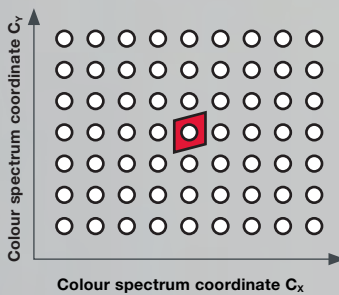
Customer satisfaction

Loox. Consistent colour quality and performance.

An important factor for new technologies is their reliability when in use. Häfele sets high standards across all of its brands, including the selection of materials, which are continually tested and certified to international standards. Setting a narrow binning is one of them. LEDs are tested and sorted for colour, luminous flux and forward voltage after production. Häfele selects only the highest quality class LEDs for maximum durability, energy efficiency and to ensure long-term customer satisfaction. We feel so confident in the quality of our lighting that we have given it a 7-year guarantee.



Häfele Binning



Close selection criteria ensures quality.



Breathe life with light

Make light work for you.

Light is a fundamental part of life, one that noticeably affects our wellbeing. With it, you can create a feeling or a mood instantaneously. The bright, cool white morning light has a very different effect to the warm glow of candles. Designed well, light in furniture and furnishings blends harmoniously with the lighting of the room adding another layer to the design; those in the know see this as the fourth dimension of furniture design.

Clever design using light not only changes the ambiance in a room, it can also define areas, sectionalising spaces for work, play and relaxation.

Why use LEDs?

LED lights are ideally suited for creating defined areas or accenting spaces because of their low heat, small fixtures and long service life. They are the chosen light source, not only because of their low environmental impact but also because you can select them to suit whatever colour temperature or focus you require to create your desired effect.



TIP

Understand the end user's requirements and balance the furniture lighting with the surrounding lighting to maximise the effect.

Realising the overall effect

Create ambiance and defined areas using light.

In the 1950s, Richard Kelly, a pioneer of lighting design, started to play with light in design. He discovered that differentiating between the light itself and the area or object being illuminated was critical to the effect.

Kelly realised that playing with the colour, light intensity or focus, can give such a different outcome. If he softened the focus of a light, he could create more of an ambiance, whereas if he sharpened the light's focus, he could illuminate specific objects, now known as ambient or task lighting respectively.

Designers now use ambient lighting as the fourth dimension to design, to balance room dimensions and facilitate spatial orientation. They use functional and task lighting to illuminate a work area in a kitchen, or the bathroom countertop and a narrow beam of spot lights to accent interesting objects or features.

The versatility of applications and combinations of lights within the Loox LED system creates the opportunity to emphasize the dimensions of rooms and lend an ambiance to furniture that provides a holistic connection with the room.



TIP

Use lighting as the fourth dimension in design to inspire space utilisation

Functional light

Functional light

Ambient light



Spotlight



Design with function in mind

Lighting provides many functions in the home.

The way we are using our homes in the 21st century is very different to that of the last. With more generations living together, and more people working from home, space flexibility is a primary concern. As we adapt our homes to meet these new flexible requirements, lighting is becoming critical to achieve the results required, and designers are swiftly realising it is the easiest way to adapt a space.

We have become used to light facilitating our functional requirements. It has become so integral to our lives that if a fridge is opened or a microwave is in use and the light fails to come on we would assume it is broken. Lighting in these situations has one functional purpose, to show you what is inside.

In the design of Loox lighting we have applied the same thought process. Our lighting, when used functionally, can illuminate what is inside a drawer or kitchen cabinet. We have even designed them so that they integrate fluidly with the units, so that when they are opened, just as with a fridge design, the sensor automatically turns the light on. Below are the many different functions lighting can provide.

Descriptions of functional lighting types:

- Accent light – Highlight specific features within a room or piece of furniture
- Spot light – Focus the eye on a specific point, highlighting interesting objects or features
- Task light – Illuminate work areas, including internal spaces
- Ambient light – Balances room dimensions and facilitates spatial orientation



Spot light

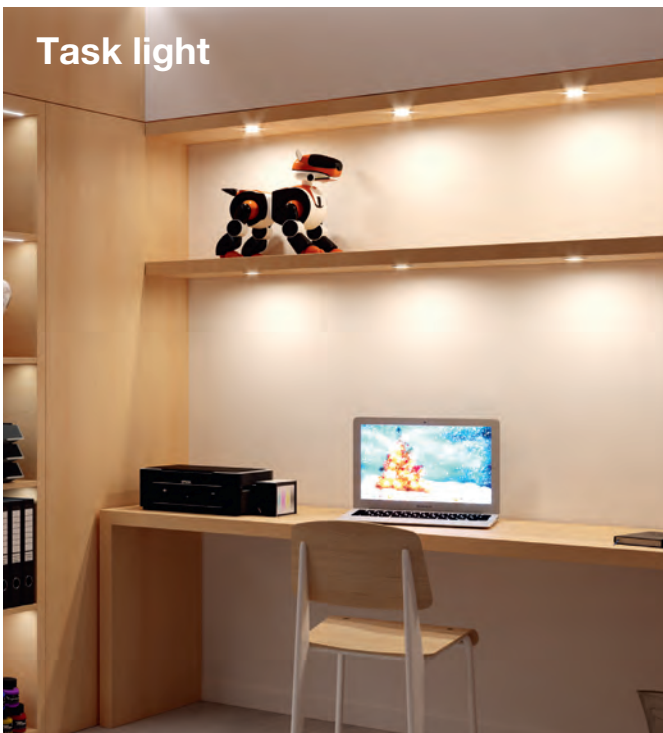


TIP

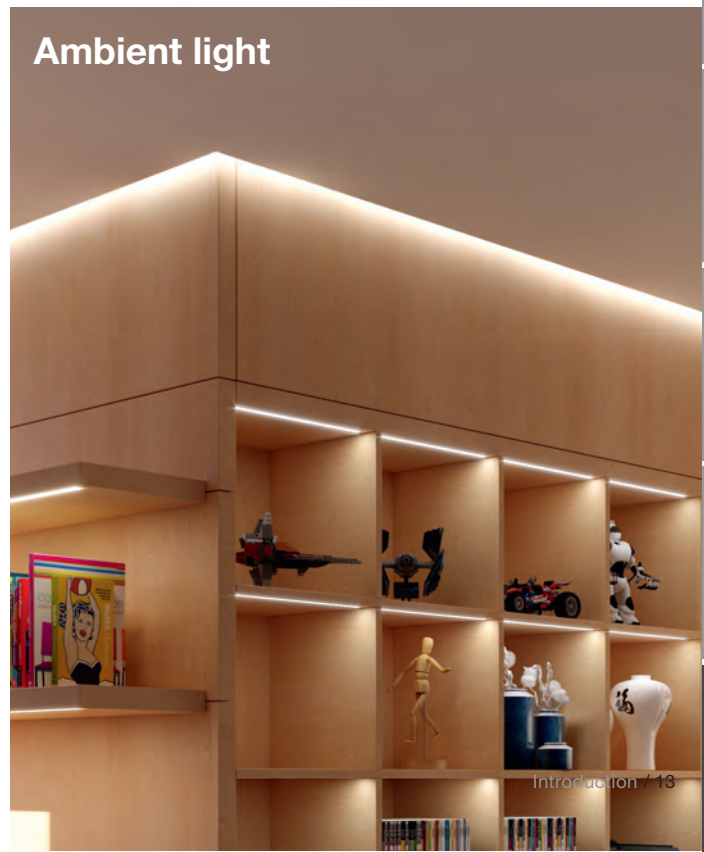
Plan the furniture lighting holistically based on the use and how it will integrate with other lit spaces



Task light



Ambient light



Design with colour in mind

You can now have any colour temperature you desire.

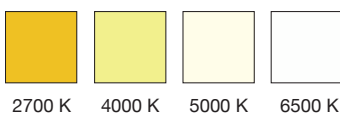
The colour of light, also referred to as colour temperature (measured in K = Kelvin), affects our state of mind. Light with a high blue component has an invigorating effect on the body; just like the cool fresh light of early morning. By comparison, strong red and yellow-coloured light has a relaxing effect and evokes a state of rest; just like the warm glow in the late afternoon or light from a candle. Therefore, cool white light is ideal for task lighting, whilst ambient lighting should be in the warm range.

Light colours, even differently tempered whites, are recreated realistically, and it is surprisingly simple as Loox lighting is available in colour temperatures of between 2700K to 6500K and in full RGB lights. It means you can use one range to achieve any colour and effect you choose.

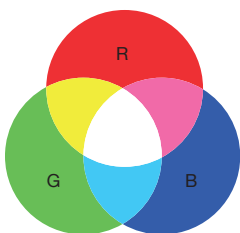
The addition of the Häfele Connect App allows seamless transitions between all lighting colours, depending on what you have specified. The use of multi-white lights allows you to create a bright and invigorating room in the morning, illuminating work surfaces to bring a space to life. In the afternoon and into the evening, the transition to a more relaxing space could not be easier. RGB lights can also be supplemented to add more intense light colours for individually adjustable decorative effects.

Colour temperature

warm — cool — daylight



Colour mixing



RGB



TIP

Specify both multi-white and RGB lights to change the white tone throughout the day and add colour to truly personalise a space

Daylight white
5700 - 6500 K



Warm white

2700 - 3400 K



Warm white

2700 - 3400 K



Cool white

3400 - 5700 K

LOOK GUIDE

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LIGHTS & MEDIA

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DISTRIBUTION

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SWITCHES

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POWER

LOOKS GUIDE

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LIGHTS & MEDIA

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DISTRIBUTION

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CONNECT MESH

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SWITCHES

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POWER

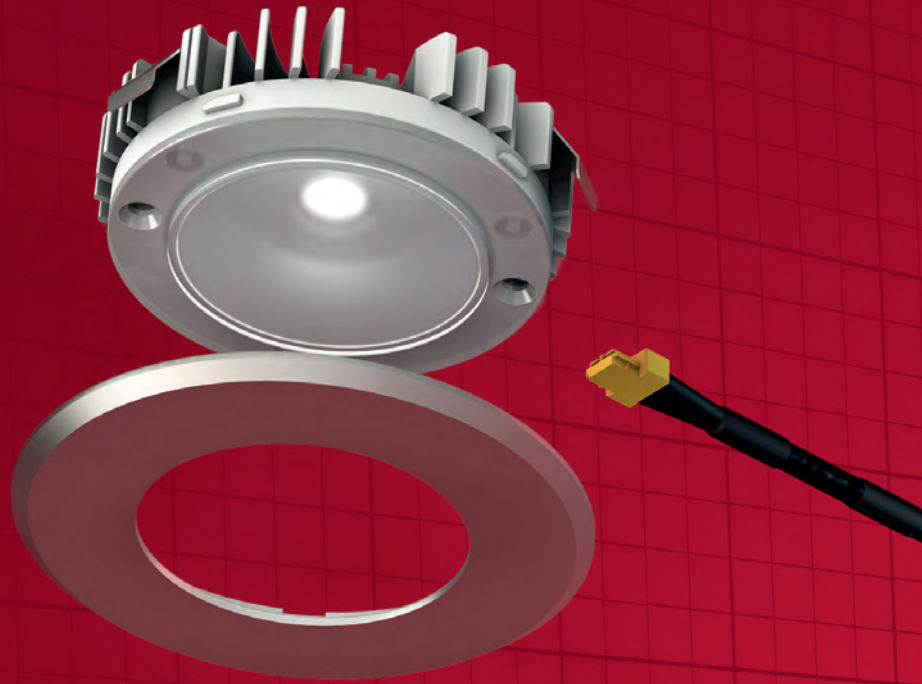
TECHNICAL ADVICE

System Overview

Building with modular lighting.

The intelligent drivers represent the core of the Loox system. Not only do they provide different numbers of lights with the power that is required, but they are also suitable for the different voltages and frequencies all over the world. They recognise different types of switch and can be used for dimming or combined with many different options.

International testing and certification make them extremely safe and easy to use. Below shows an overview of the key points to consider when building or extending your Loox 12 V or 24 V lighting system using the modular components.

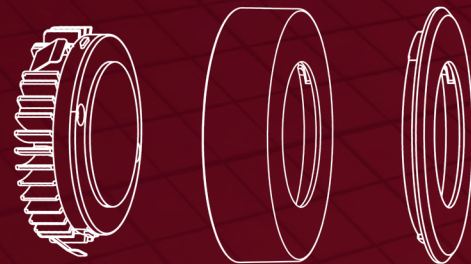


12 V

24 V

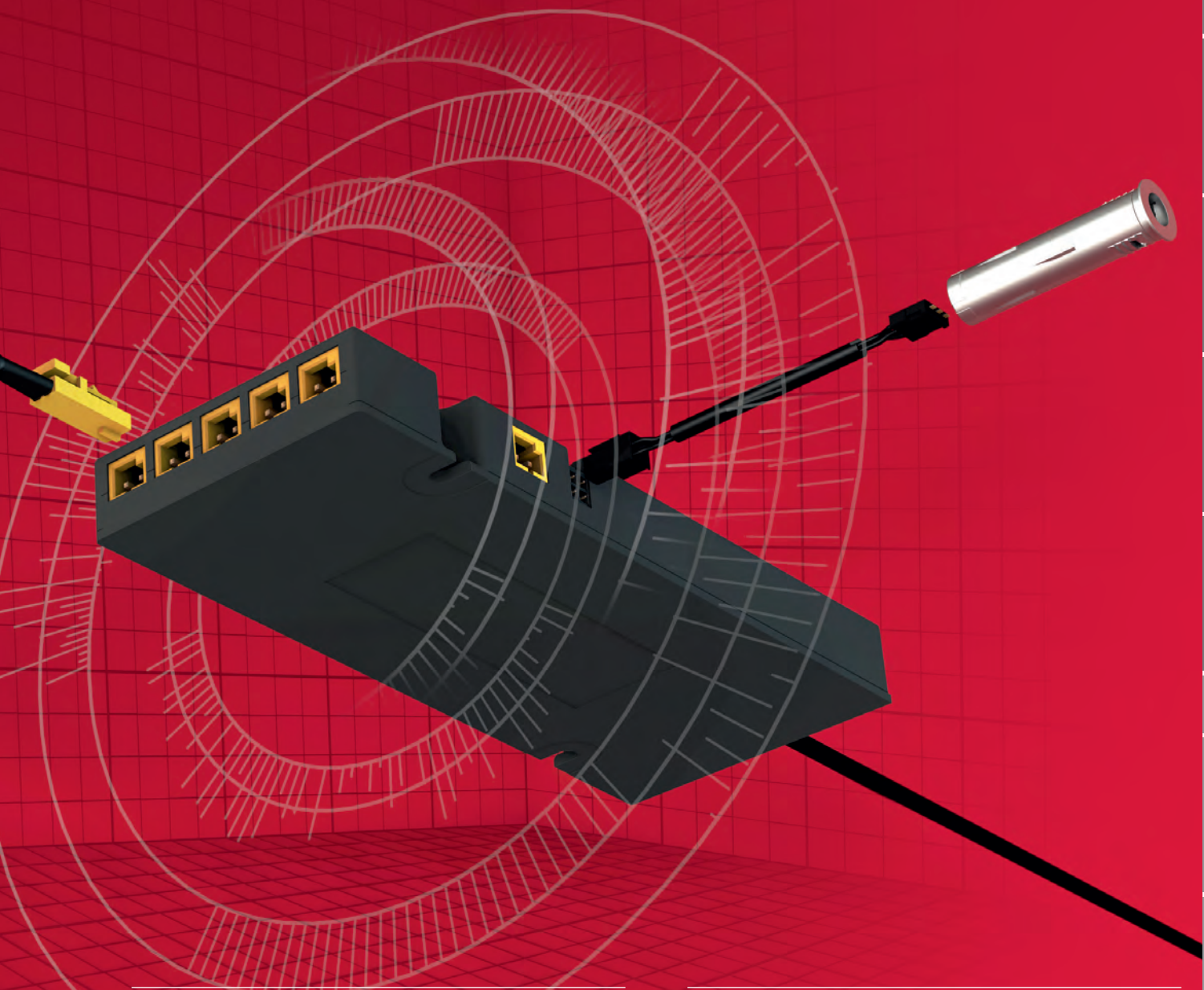
SYSTEM

From simple to complex: plug and play. Flexible planning, easy to install, always reliable and peace of mind during operation. On both Loox systems, multiple or different drivers can be added to enlarge the system.



MODULARITY

The lights and switches are cabled so that they can be connected to the driver at both sides. This means that a switch can be replaced with a dimmer at a later date without having to re-lay the cable. Different covers give recess mounted lights and surface mounted downlights a different look.



12 V



24 V

LIGHT INTENSITY

12 V system: Mainly used for domestic ambient, mood light and functional lighting.
24 V system: Mainly used for shop fitting to highlight products on show because of the higher light intensity.



CONTROL

Switches and controls suitable for any requirement. Different cable-connected switches, continuously adjustable remote controllers for light colours and temperatures and radio switches, that are completely independent of the location, create new freedom in furniture planning.

Vast possibilities, simple to design

Loox. Light ideas that are flexible, easy and reliable.

It is easy to develop and plan flexible lighting for your environment using the comprehensive Loox lighting range. However, with over 200 pages across two ranges, and the endless possibilities due to the system's flexibility, it can seem a little daunting at first. However, before we take you through the **easy steps** to specifying Loox lighting, there are **two decisions** to make; of the two ranges, which suits your requirements better and what voltage meets your needs.

DECISION 1 The first decision you need to make is what range is right for you. Häfele now has two Loox ranges: Loox and the new generation Loox5.*

Do you need:

- Standard monochromatic lights, including warm, cool and daylight white ranging from 2700-6700 K
- Lights for price sensitive projects

You need **L**OOX

Do you need:

- RGB or multi-white lights
- Bluetooth / App controlled systems
- Lights left on permanently or for lengthy periods of time
- Commercial applications
- Up to 12m runs of LED strips

You need **L**OOX5

This decision has just reduced the amount of product you now need to look at by about half.

* These systems are compatible using an adapter but please note the specific information on the respective product page.

To help you decide which range is right for you follow the flowchart below:

Do you need RGB or multi-white lights?

YES

LOOX5

NO

LOOX

Do you want to control your lights using an App with Bluetooth?

YES

LOOX5

NO

LOOX

Will the lights need to be left on permanently or for longer periods of time?

YES

LOOX5

NO

LOOX

Is the lighting system for a commercial business?

YES

LOOX5

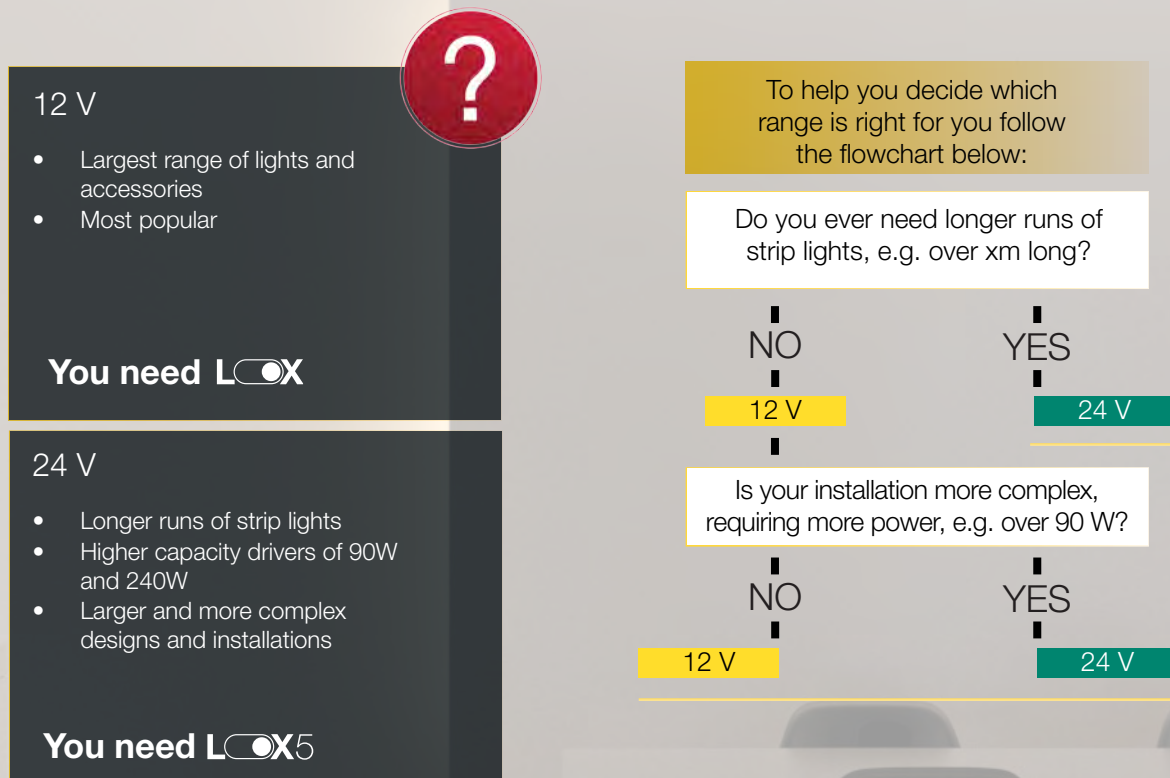
NO

LOOX

DECISION 2

The second decision is whether you need a 12V or 24V system. Loox LED technology has been designed as two different power levels. This choice may be an important decision, because the driver that is selected can only be combined with lights from the same range unless you add in a convertor. By simply adding a LOOX convertor, 12V and 24V systems can be combined.

Here's a quick table to help you choose.

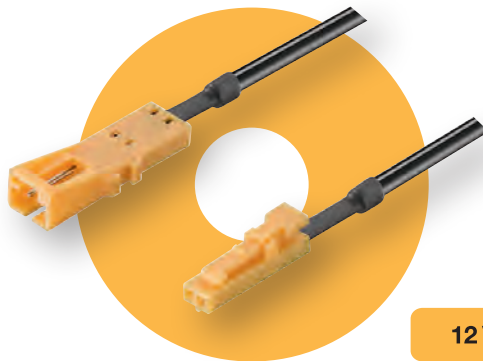


Again, this decision has just reduced the amount of product you now need to look at by about half.

How to recognise the 4 systems

Loox. The intelligent plug-and-play system with easily understandable colour coding.

12 V

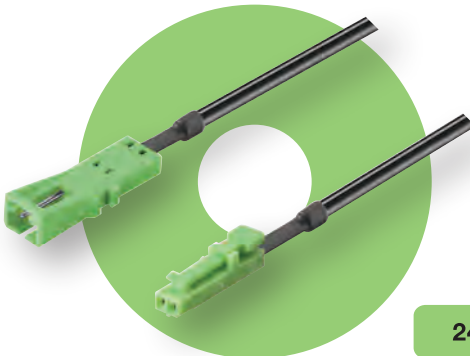


12V 12V Loox system

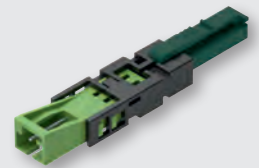


12 V: Loox socket/Loox5 plug

24 V

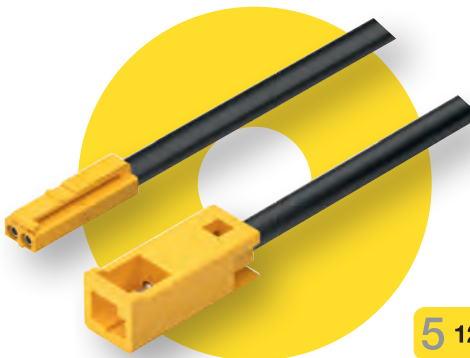


24V 24V Loox system



24 V: Loox socket/Loox5 plug

12 V

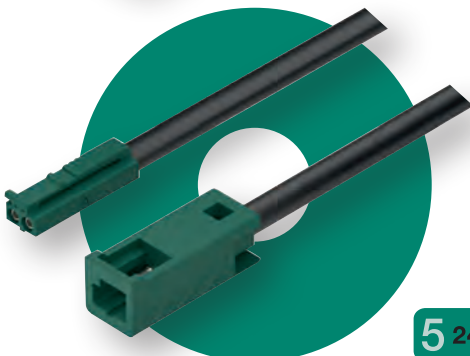


5 12V 12V Loox5 system

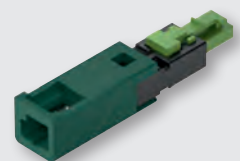


12 V: Loox5 socket/Loox plug

24 V



5 24V 24V Loox5 system

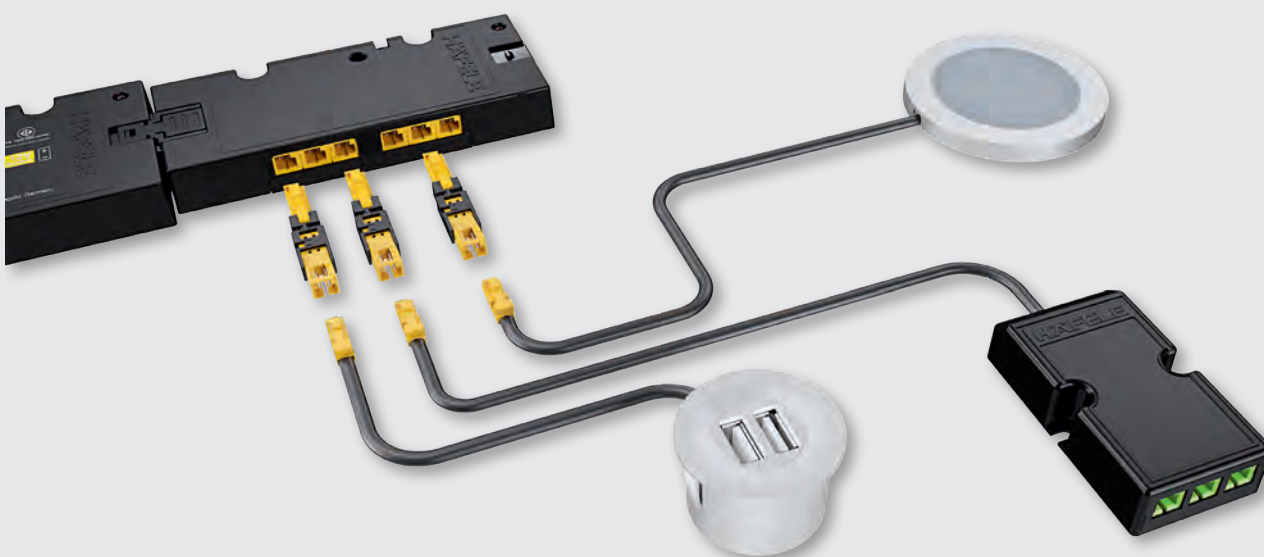
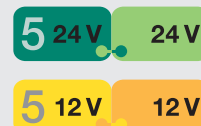


24 V: Loox5 socket/Loox plug

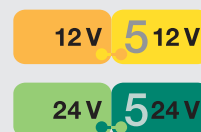
The easy to use plug-and-play 12 V or 24 V Loox system is clearly identified by the yellow or green colour coding. All parts and connectors for the 12 V system are yellow (dark yellow for Loox and light yellow for Loox5), whilst the 24 V system is green (light green for Loox and dark green for Loox5). So even if you are working with both 12 V Loox systems and both 24 V systems, they cannot get mixed up. We even have an adapter so you can connect the Loox5 with the previous generation and vice versa.

In both the Loox and Loox5 sections of this brochure, the choice of 12 V or 24 V will be clearly marked against the product using the icons below:

Loox5 driver > Loox device



Loox driver > Loox5 device



- LOOK GUIDE
- ① LIGHTS & MEDIA
- ② DISTRIBUTION
- ③ SWITCHES
- ④ POWER
- LOOKS5 GUIDE
- ① LIGHTS & MEDIA
- ② DISTRIBUTION
- ③ CONNECT MESH
- ④ SWITCHES
- ⑤ POWER

Loox Lighting

The incredibly simple, modular plug-and-play system makes it easier than ever to integrate LED lighting into your furniture designs.

This easy to use range makes it a perfect choice for installers, while also offering a high level of design flexibility for kitchen or furniture designers to meet customer needs.



Light and sound in furniture from a single source

Plug-and-play – it couldn't be easier

Light and sound in furniture has become a major selling point. This Loox generation engineered by Häfele, with its comprehensive range of light and entertainment components, allows both worlds to blend seamlessly together. By choosing both the Häfele light and sound systems, furniture can be transformed

into a beautifully lit piece complete with an invisible CD player or radio. The modular system with plug-and-play installation is child's play, all combined with the quality, flexibility and ease of operation, which is fundamental to the Loox range.

High Performance Drivers

The Loox high performance drivers act as the perfect interface for these products, easily connecting to the numerous LED lights and sound system components across the range. Drivers can be installed easily at the rear wall of any cabinet and deliver up to 60 Watt in the 12 V range and up to 240 Watt in the 24 V range,

allowing even large installations to be driven by a single unit. Standardized plug connections with a clear colour coding make the Loox system extremely user friendly. Plus, with the use of a converter, lights from different Loox systems can be powered by one driver.



Modular LED lights with high colour consistency

High luminous efficiency, small variances in light colour, the Häfele Lifetime Guarantee and availability in four light colours are characteristic for the Loox LED strip lights in the 12 Volt and 24 Volt range.

Häfele has a suitable LED strip light for every application. In 5 m strip lights up to 600 LEDs (in the 12V range) ensure even lighting for direct or indirect applications. The strip lights can be shortened every 25, 33 or 50 mm depending on the version. In the 24V range the two-row LED 3028 strip light with 1200 LEDs in a 5 m length allows for a consistent lighting effect.

The large selection of modular surface mounted and recessed downlights will complement the strip lights in

any furniture configuration. The 12V downlights consist of a standardised light fixture as a base component with plug-in leads in various lengths and installation rings or bezels in different shapes. The high illuminance of the recessed LED 2025 is a good choice for work areas and the LED 2040 is the small compact option. The whole range of downlights are available in up to four standard light colours: 2700, 3000, 4000 and 5000K.

The multi-driver box can interconnect 12 Volt and 24 Volt systems seamlessly, allowing them to be operated via a single switch. With it several lights can be controlled independently regardless of which Loox LED system is being operated.



Switches

Not only is there a full range of standard switches, but you can also integrate a concealed switch into wood, glass or stone, totally hiding it from view. Door contact switches for both hinged and

sliding doors are available along with a dimmer interface, creating connections with common wall dimmers, making easy and intuitive central operation of lighting possible.

Additional components

In addition to an assortment of different lights and switches, there are complimenting components such as a multi switch box, which allows up to three different switches to be connected to any driver, allowing you to control lights from various points in a room, a multi driver box, a 6-way distributor, a

4-way extension lead etc. There is even a built-in wireless charging station to enable charging of wireless phones. With international certificates and inspection tags they can be used globally as they are built to manage different voltages and frequencies safely.



Step by step guide to creating your Loox lighting system

4 easy steps



Select your lights.

With a wide range of strips, spots, drawer lights and bars you will be able to fulfil any customer requirement.

Select your profiles and diffusers.

Choose your surface and recess mounted profiles (including wardrobe rails), and then your diffusers.

Select your extras.

Pick from charging stations and sound systems to complete the user experience.

2

Add your distributors.

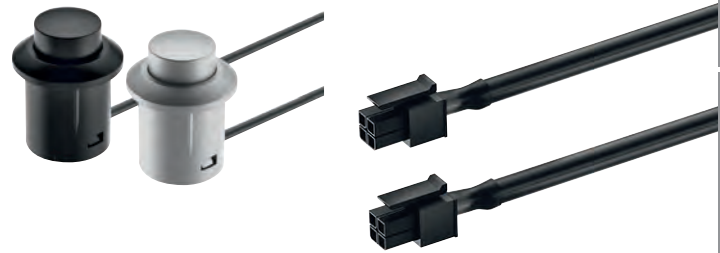
Add in distributors to increase the amount of lights, accessories or complexity of design.



3

Add switches.

From multi-switch boxes to sensors, there is every type of solution to meet your needs.



4

Now power up.

Select the relevant driver and lead for your Loox range, and pick a converter (if you are having to convert between 12V and 24V).



Quick checklist:

As a reminder, here's a quick checklist for specifying Loox lighting.



Decision 1: Choose your range (Loox or Loox5)



Decision 2: Choose the power level (12V or 24V)



Step 1: Choose your lights and extras (strips, spots, diffusers, profiles, sound systems and charging stations)



Step 2: Choose your distributors (distributors, extension leads and connecting leads)



Step 3: Choose your switches



Step 4: Choose your power (drivers, converters and power leads)

Refer to pages 18-19 to help you make decision 1 and 2.

Refer to pages 26-27 for a step by step guide to creating your Loox system.



The complete Loox range at a glance

Let's get into the detail...



RECESS MOUNTED LIGHTS AND SURFACE MOUNTED DOWNLIGHTS



SWITCHES

On/off switches, dimmers, motion detectors, sensor switches, remote controls



1

LIGHTS & MEDIA

2

DISTRIBUTION

3

SWITCHES

4

POWER

LOOKS GUIDE

1

LIGHTS & MEDIA

2

DISTRIBUTION

3

CONNECT MESH

4

SWITCHES

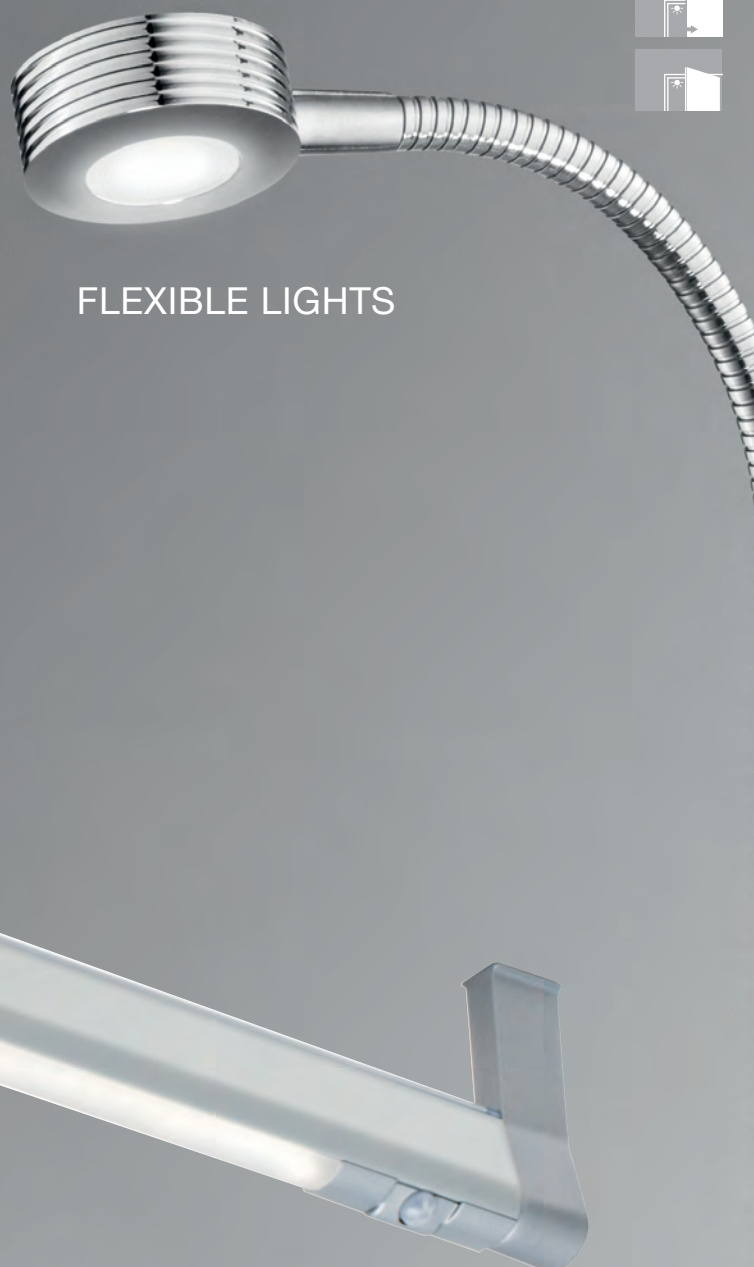
5

POWER

TECHNICAL
ADVICE



LED STRIP LIGHTS



FLEXIBLE LIGHTS



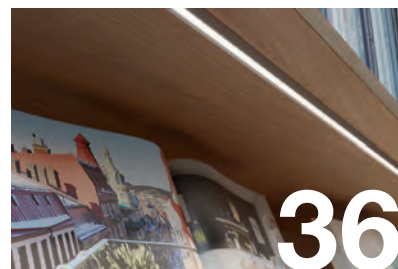
WARDROBE RAIL LIGHTS

Loox strip lights



Task light Illuminate work spaces with > 500 lx at a distance of 500 mm

Model			Strip width	Illuminance max. at a distance of 500 mm		Page
LED 3052	24 V	Constant current	8 mm	19.2 W/m	1840 lx	IP20 > 36
LED 3048	24 V		8 mm	14.4 W/m	1320 lx	IP20 > 34
LED 3050	24 V	Constant current	8 mm	9.6 W/m	1010 lx	IP20 > 36
LED 2068	12 V		8 mm	9.6 W/m	955 lx	IP20 > 34



36



Ambient light 150–500 lx at a distance of 500 mm

Model			Strip width	Illuminance max. at a distance of 500 mm		Page
LED 2062	12 V		8 mm	4.8 W/m	470 lx	IP20 > 34
LED 2065	12 V		8 mm	4.8 W/m	470 lx	IP20 > 34
LED 3042	24 V		8 mm	4.8 W/m	470 lx	IP20 > 34
LED 2030	12 V	Silicone sleeve	8 mm	4.8 W/m	226 lx	IP20 > 36



34



Accent light <150 lx at a distance of 500 mm

Model			Strip width	Illuminance max. at a distance of 500 mm	Page
LED 9005	Battery-operated light	Drawer light		0.6 W	> 44



44

Loox Compatible lights

Model			Strip width	Illuminance max. at a distance of 500 mm		Page
FLEXYLED SE H4	12 V	Silicone sleeve	10 mm	240 lx	IP44	> 40
FLEXYLED SE	12 V	Silicone sleeve	10 mm	240 lx	IP44	> 41
H4 PIR						
Strip light	12 V	Rigid strip light	25 mm		IP20	> 42
DETROIT	12 V	Rigid door/drawer strip light	30 mm		IP20	> 43
GOCCIA	24 V	Wardrobe rail		580 lx	IP20	> 45



40



>500 lx



150–500 lx



<150 lx

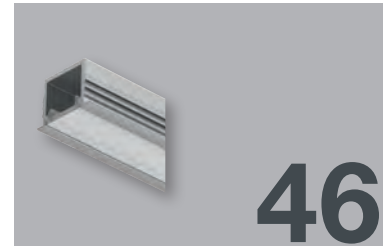


Note:

The illuminance symbol always represents the best value of all colour temperatures and is meant to be for quick guidance only. Please note the specific values of the individual colour temperatures and the refraction angle before ordering!

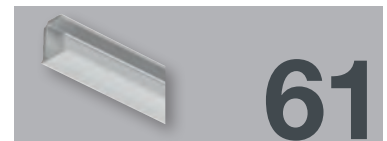
Aluminium profiles for recess mounting

Model	Internal dimension		Page
1104	8 mm	For strip lights up to a width of 5 mm	> 46
1103	11 mm		> 46
1105	11 mm	Asymmetrical light distribution	> 47
	16 mm		> 48
	16 mm	Asymmetrical light distribution	> 50
1107	8 mm	Asymmetric light distribution, for strip lights up to a width of 5 mm	> 51
1106	11 mm	Asymmetrical light distribution	> 51



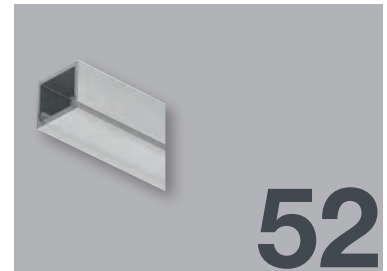
Plastic profiles for recess mounting

Model	Internal dimension	Page
1102	5 mm	> 61
1101	8 mm	> 61



Aluminium profiles for surface mounting

Model	Internal dimension		Page
2101, 2102	11 mm		> 52
2103	11 mm	With concealed fixing	> 54
2104	11 mm	With concealed fixing, asymmetric light distribution	> 54
	16 mm		> 56
	16 mm	With attached diffuser housing	> 57
	13 mm	Asymmetrical light distribution	> 58
	14 mm	Corner mounting	> 58
	14 mm	Drawer profile	> 59



Aluminium wardrobe rail

Model	Internal dimension		Page
	15 mm	Asymmetrical light distribution	> 60
	11.7 mm	Glass edge profile	> 60



Aluminium cooling strip

Width	Page
10 mm	> 62



Diffusers

For profiles for recess mounting 1103-1107	> 62
For profiles for recess mounting 2101-2104	> 62
For Loox profiles with 16 mm internal dimension	> 62



Loox LED strip lights

Monochrome, 8 mm



Häfele Loox LED 2062 / 2065 / 2068 / 3042 / 3048



LED 2062



LED 2065 / 2068



LED 3042 / 3045 / 3048

Illuminance value in lx applies to 1 m strip length:

2700 K				3000 K				4000 K				5000 K				120°	
1050 lx				1090 lx				1120 lx				1130 lx				☀️	
435 lx				455 lx				460 lx				470 lx				☀️	
240 lx				245 lx				260 lx				260 lx				☀️	
145 lx				150 lx				155 lx				160 lx				☀️	

LED 2062 / 2065 / 3042

2700 K				3000 K				4000 K				5000 K				120°	
2145 lx				2250 lx				2300 lx				2300 lx				☀️	
900 lx				940 lx				950 lx				955 lx				☀️	
480 lx				505 lx				510 lx				515 lx				☀️	
300 lx				310 lx				320 lx				320 lx				☀️	

LED 2068

2700 K				3000 K				4000 K				5000 K				120°	
2870 lx				3000 lx				3100 lx				3100 lx				☀️	
1210 lx				1270 lx				1310 lx				1320 lx				☀️	
665 lx				695 lx				715 lx				715 lx				☀️	
415 lx				430 lx				445 lx				450 lx				☀️	

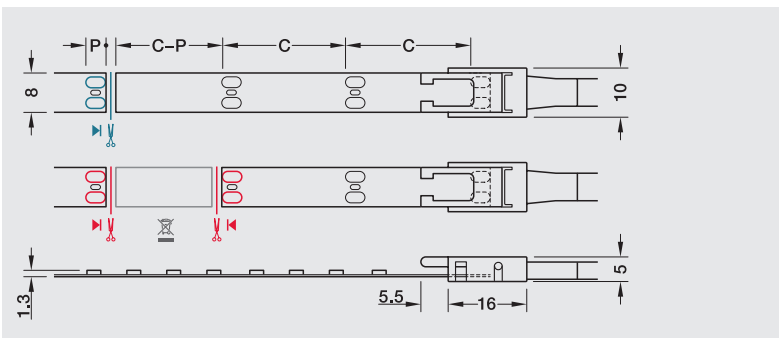
LED 3048

Equipped with high-quality Samsung LEDs

- > Dimmable: Yes
- > Material: Plastic
- > Finish/colour: White
- > Width: 8 mm
- > Height: 1.3 mm
- > Life time L80/B10: >50,000 h
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: Self-adhesive
- > Supplied with: 1 roll, with 2.0 m lead with Loox 12V connector

❗ Order reference: Please order driver and switch separately

➡ Aluminium profile recommended from 9.6 W/m, see page 46



- Cut LED strip light to length (one contact side remains on the remainder piece; reusable)
- Connect LED strip lights (two contact sides required)

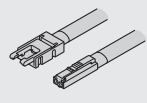
C = section length
P = length of contact surface

- 🔌 **12V** Loox 12 V driver see page 137
- 🔌 **24V** Loox 24 V driver see page 139

❗ Maximum strip length is dependant on driver wattage capacity, shown on page 137-139
Maximum recommended strip light length for optimum visual light output: 12.0 m

Häfele Loox LED 2062/2065/2068/3042/3048

Voltage V	Quantity LEDs/m	Colour temperature K	Wattage W/m	Luminous flux lm/m	Luminous efficacy lm/W	Colour rendering index CRI		Weight. energy consumpt. per m in kWh/1000 h	Section length C mm	Length of contact surface P mm	Max. strip length (visual) m	Available length 5 m
						R _a	R ₉					
12 V	Häfele Loox LED 2062											
	60	2700	4.8	440	92	>90	>50	5.28	50	4	6.0	833.70.244
		3000	4.8	465	97	>90	>50	5.28	50	4	6.0	833.70.245
		4000	4.8	490	102	>90	>50	5.28	50	4	6.0	833.70.246
		5000	4.8	495	103	>90	>50	5.28	50	4	6.0	833.70.247
	Häfele Loox LED 2065											
	120	2700	4.8	440	92	>90	>50	5.28	25	4	6.0	833.70.248
		3000	4.8	465	97	>90	>50	5.28	25	4	6.0	833.70.249
		4000	4.8	490	102	>90	>50	5.28	25	4	6.0	833.70.250
		5000	4.8	495	103	>90	>50	5.28	25	4	6.0	833.70.251
	Häfele Loox LED 2068											
	120	2700	9.6	920	96	>90	>50	10.56	25	4	4.0	833.70.252
		3000	9.6	970	101	>90	>50	10.56	25	4	4.0	833.70.253
		4000	9.6	1000	104	>90	>50	10.56	25	4	4.0	833.70.254
		5000	9.6	1040	108	>90	>50	10.56	25	4	4.0	833.70.255
	24 V	Häfele Loox LED 3042										
120		2700	4.8	440	92	>90	>50	5.28	50	4	12.0	833.70.256
		3000	4.8	465	97	>90	>50	5.28	50	4	12.0	833.70.257
		4000	4.8	490	102	>90	>50	5.28	50	4	12.0	833.70.258
		5000	4.8	495	103	>90	>50	5.28	50	4	12.0	833.70.259
Häfele Loox LED 3048												
120		2700	14.4	1270	88	>90	>50	15.84	50	4	6.2	833.70.260
		3000	14.4	1305	91	>90	>50	15.84	50	4	6.2	833.70.261
		4000	14.4	1340	93	>90	>50	15.84	50	4	6.2	833.70.262
		5000	14.4	1430	99	>90	>50	15.84	50	4	6.2	833.70.263



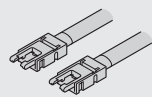
> For connecting LED strip light 8 mm to Loox driver (not Loox5)

Voltage	Length mm	Cat. No.
12 V	2000	833.72.716
24 V	2000	833.75.705



> 5 A clip connector for 8 mm LED strip light

	Cat. No.
Clip connector	833.89.206



> 5 A/18 AWG interconnecting lead for 8 mm LED strip light

Length mm	Cat. No.
50	833.89.191
500	833.89.192
2000	833.89.193



> Corner connector, 90° rigid, 5 A for left or right for 8 mm LED strip light

	Cat. No.
Corner connector rigid	833.89.187

Loox LED strip lights

Monochrome, constant current, 8 mm

7
YEARS

Häfele Loox LED 3050/3052



LED 3050/3052

Constant current technology

- > Achieves uniform brightness over the entire strip light length
- > Increased life time, higher visual strip length, higher luminous efficacy

Equipped with high-quality Samsung LEDs

- > Dimmable: Yes
- > Material: Plastic
- > Finish/colour: White
- > Width: 8 mm
- > Height: 1.5 mm
- > Life time L80/B10: >70,000 h
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: Self-adhesive
- > Supplied with: 1 roll, with 2.0 m lead with Loox 12V connector

Illuminance value in lx applies to 1 m strip length:

2700 K	3000 K	4000 K	5000 K	120°	
2050 lx	2150 lx	2205 lx	2340 lx		250 mm
890 lx	930 lx	990 lx	1010 lx		500 mm
490 lx	520 lx	545 lx	550 lx		750 mm
305 lx	325 lx	335 lx	340 lx		1000 mm

LED 3050

2700 K	3000 K	4000 K	5000 K	120°	
4070 lx	4160 lx	4220 lx	4260 lx		250 mm
1750 lx	1780 lx	1800 lx	1840 lx		500 mm
970 lx	990 lx	1000 lx	1020 lx		750 mm
600 lx	620 lx	625 lx	630 lx		1000 mm

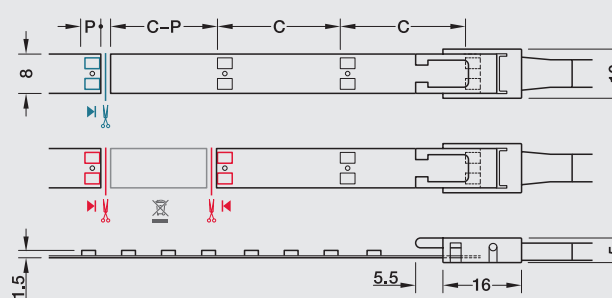
LED 3052



Order reference:
Please order driver and switch separately



Aluminium profile recommended from 9.6 W/m, see page 46



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)

C = section length

P = length of contact surface



24V

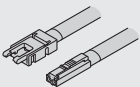
Loox 24 V driver see page 139

Häfele Loox LED 3050/3052

Voltage V	Quantity LEDs/m	Colour temperature K	Wattage W/m	Luminous flux lm/m	Luminous efficacy lm/W	Colour rendering index CRI		Weight. energy consumpt. per m in kWh/1000 h	Section length C mm	Length of contact surface P mm	Max. strip length (visual) m	Available length 5 m
						R _a	R ₉					
24 V	Häfele Loox LED 3050											
	140	2700	9.6	945	98	>90	>50	10.56	50	3	9.0	833.70.264
		3000	9.6	1030	107	>90	>50	10.56	50	3	9.0	833.70.265
		4000	9.6	1060	110	>90	>50	10.56	50	3	9.0	833.70.266
		5000	9.6	1080	113	>90	>50	10.56	50	3	9.0	833.70.267
	Häfele Loox LED 3052											
	140	2700	19.2	1850	96	>90	>50	21.12	50	3	4.6	833.70.268
		3000	19.2	2015	105	>90	>50	21.12	50	3	4.6	833.70.269
		4000	19.2	2050	107	>90	>50	21.12	50	3	4.6	833.70.270
		5000	19.2	2100	109	>90	>50	21.12	50	3	4.6	833.70.271



Maximum strip length is dependant on driver wattage capacity, shown on page 139
Maximum recommended strip light length for optimum visual light output: 9.0 m



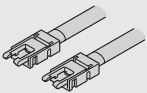
> For connecting LED strip light 8 mm to Loox driver (not Loox5)

Voltage	Length mm	Cat. No.
24 V	2000	833.75.705



> 5 A clip connector for 8 mm LED strip light

	Cat. No.
Clip connector	833.89.206



> 5 A/18 AWG interconnecting lead for 8 mm LED strip light

Length mm	Cat. No.
50	833.89.191
500	833.89.192
2000	833.89.193



> Corner connector, 90° rigid, 5 A for left or right for 8 mm LED strip light

	Cat. No.
Corner connector rigid	833.89.187

Loox LED silicone strip lights

Monochrome, 8 mm



Häfele Loox LED 2030



LED 2030

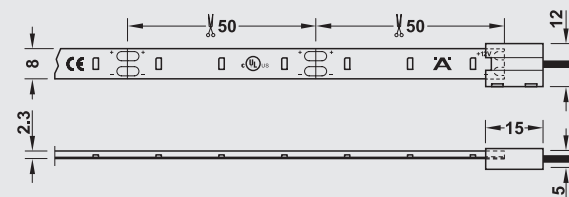
- > Dimmable: Yes
- > Material: Plastic
- > Finish/colour: White
- > Width: Strip with silicone sleeve: 8 mm
Clip: 12 mm
- > Height: Strip with silicone sleeve: 2.3 mm
Clip: 5.5 mm
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: Self-adhesive
- > Supplied with: 1 roll, with 2.0 m lead with Loox 12V connector

Illuminance value in lx applies to 0.5 m strip length:

Illuminance value in lx applies to 0.5 m strip length:				120°	Sun icon	Strip length
2700 K	3000 K	4000 K	5000 K			
833 lx	888 lx	892 lx	903 lx	☀	250 mm	
220 lx	222 lx	223 lx	226 lx	☀	500 mm	
98 lx	99 lx	99 lx	100 lx	☀	750 mm	
55 lx	56 lx	56 lx	56 lx	☀	1000 mm	

LED 2030

! Order reference:
Please order driver and switch separately



Can be shortened every 50 mm

! **12V** Loox 12 V driver see page 137



Häfele Loox LED 2030

Voltage	Quantity	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Section length	Available length
V	LEDs/m	K	W/m	lm/m	lm/W	R _a	mm	5 m
12 V	Häfele Loox LED 2030							
	60	2700	4.8	1930	80	>82	50	833.73.480
		3000	4.8	1940	80	>82	50	833.73.481
		4000	4.8	1950	81	>82	50	833.73.482
5000		4.8	1980	82	>82	50	833.73.520	

! The specified colour temperature is the colour temperature of the LED. The silicone covering increases the colour temperature of the strip light
Maximum strip length is dependant on driver wattage capacity, shown on page 128



> Connecting lead
for 8 mm LED silicone strip light to Loox driver (not Loox5)

Voltage	Length mm	Cat. No.
12 V	2000	833.73.775



> Clip connector
for 8 mm LED strip light

	Cat. No.
Clip connector	833.73.730



> Interconnecting lead
for 8 mm LED silicone strip light to Loox driver (not Loox5)

Length mm	Cat. No.
50	833.73.771
500	833.73.772
1000	833.73.773
2000	833.73.774



> Corner connector, 90° rigid,
for left or right for 8 mm LED strip light

	Cat. No.
Corner connector rigid	833.73.736

Loox LED strip lights

Loox Compatible, side emitting, monochrome, 4 mm



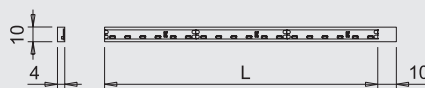
Loox Compatible FLEXYLED SE H4



- > Dimmable: Yes
- > Material: Silicone
- > Width: 10 mm
- > Height: 4 mm
- > Energy efficiency class: A
- > Degree of protection: IP44
- > Mounting: For recess mounting, press-fit in 4 x 10 mm groove
- > Supplied with: With 2x 2 m leads with Loox 12V connector, including fixing materials



Strip light includes connector at either end of strip ensuring two lengths can be used if strip light cut - strip light can be shortened every 25 mm



12V

Loox 12 V driver see page 137

3100 K	4000 K	100°	
460 lx	460 lx		300 mm
240 lx	240 lx		500 mm

Voltage V	Quantity LEDs/m	Available length m	Wattage W/m	Luminous flux lm	Luminous efficacy lm/W	Colour rendering index CRI R _a	Section length mm	Colour temperature	
								3100 K	4000 K
12V	120	2	22	1260	70	>80	25	833.00.992	833.00.991
		3	30	2100	70	>80	25	833.00.994	833.00.993

Loox LED strip lights

Loox Compatible, side emitting, monochrome, 4 mm

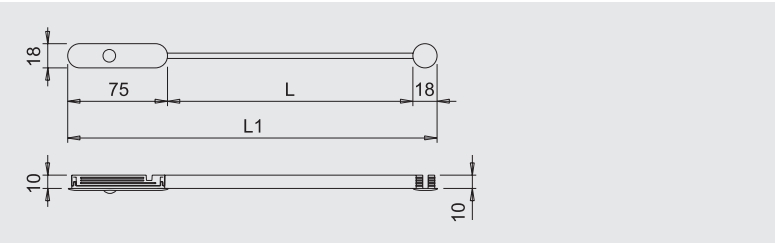


Loox Compatible FLEXYLED SE H4 PIR

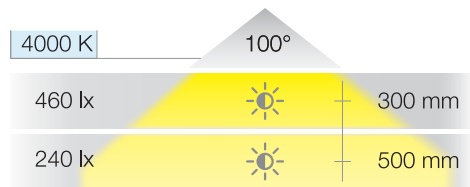


- > Version: With PIR sensor switch (infrared motion sensor)
- > Dimmable: Yes
- > Material: Silicone
- > Width: 4 mm
- > Height: 10 mm
- > Energy efficiency class: A
- > Degree of protection: IP44
- > Mounting: For recess mounting, press-fit in 4 x 10 mm groove
- > Supplied with: With 2x 2 m leads with Loox 12V connector, including fixing materials

! Strip light can be shortened every 25 mm



12V Loox 12 V driver see page 137



Voltage	Quantity	Colour temperature	Available length	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Section length	Aluminium	Black
V	LEDs/m	K	mm	W/m	lm	lm/W	R _a	mm		
12V	120	4000	1000	12	1260	70	>80	25	830.68.801	830.68.802
			2000	22	2100	70	>80	25	830.68.803	830.68.804

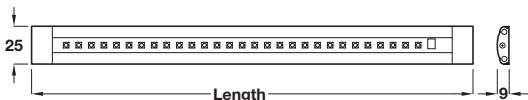


Loox LED rigid strip lights

Loox Compatible, monochrome



Loox Compatible strip light



- > Dimmable: Yes
- > Material: Anodised aluminium
- > Width: 25 mm
- > Height: 9 mm
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: For surface mounting, clips onto screw fixing mounting brackets
- > Supplied with: With 2.5 m lead with Loox 12V connector, inter-connector, including fixing materials



Lights with touch dimmer switch work as follows: 300/500 mm lights - touch any part of the aluminium light body to switch on/off
800/1000 mm lights - touch the black end of the light where the switch symbol is shown



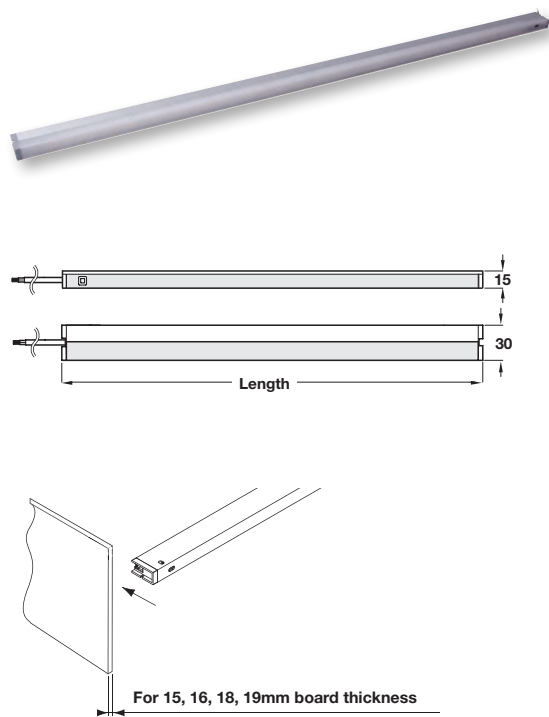
12V

Loox 12 V driver see page 137

Voltage	Colour temperature	Quantity	Available lengths	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Finish/colour	Cat. No.
V	K	LEDs/m	mm	W/m	lm	lm/W	R _a		
12V	Version: LED strip light with touch dimmer switch								
	4200	39	300	3.0	255	85	>80	Silver coloured	833.02.245
		69	500	5.0	425	85	>80		833.02.246
		129	800	8.5	722	85	>80		833.02.247
		144	1000	10.5	892	85	>80		833.02.248
	Version: LED strip light without switch								
	4200	42	300	3.0	255	85	>80	Silver coloured	833.02.241
		72	500	5.0	425	85	>80		833.02.242
		120	800	8.5	722	85	>80		833.02.243
		144	1000	10.5	892	85	>80		833.02.244

Loox LED door/drawer strip lights

Loox Compatible, monochrome



- > Not dimmable
- > Version: With built-in infrared switch - switches light on or off when door opened or closed
- > Material: Aluminium with diffuser
- > Width: 30 mm
- > Height: 15 mm
- > Energy efficiency class: A
- > Degree of protection: IP20
- > Mounting: Screw fixing
For surface mounting, for mounting above deep drawers in base cabinets
For side or under mounting
- > Supplied with: With 3.0 m lead with Loox 12V connector, spacers to suit various board thicknesses, including fixing materials

12V Loox 12 V driver see page 137

Voltage	Colour temperature	Quantity	Available lengths	To suit cabinet length	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI R _a	Finish/colour	Cat. No.
V	K	LEDs/m	mm	mm	W/m	lm	lm/W			
12V	6000	39	461	500	4.3	300	70	>80	Silver coloured	833.19.951
		69	761	800	7.9	550	70	>80		833.19.953
		129	861	900	9.2	650	70	>80		833.19.954
		144	961	1000	10.2	710	70	>80		833.19.955

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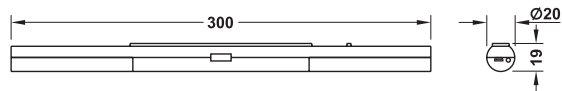


Loox LED drawer lights

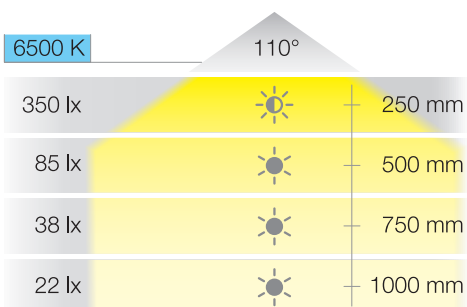
USB rechargeable, battery-operated light, monochrome length 300 mm



Häfele Loox LED 9005



- > Version: With automatic shut-off
- > Material: Plastic
- > Diameter: 20 mm
- > Length: 300 mm
- > Degree of protection: IP20
- > Number of LEDs: 6
- > Operating time: 6 hrs.
- > Charging time: 3–4 hrs.
- > 2 operating modes:
 1. Door sensor switch (factory setting): Door open, light on – door closed, light off. Energy-saving mode after 30 seconds: LED flashes 2 to 3 times and then turns off.
 2. Sensor switch: Manual on/off switching at the sensor
- > Mounting: The light is pushed onto the mounting plate
- > Supplied with: 1 light with mounting plate for screw fixing and 0.8 m micro-USB cable



The light can be recharged using the supplied micro-USB cable

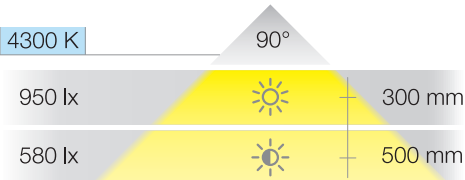
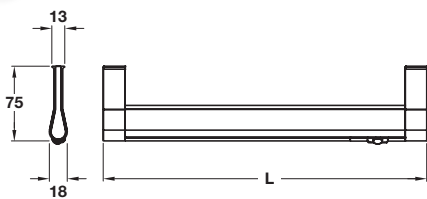
Colour temperature K	Wattage W	Luminous flux lm	Luminous efficacy lm/W	Colour rendering index CRI R _a	Finish/colour	Cat. No.
6500	0.6	51	85	82	Silver colour lacquered	833.87.020

Loox LED illuminated wardrobe rails

Loox Compatible, monochrome



Loox Compatible GOCCIA



- > Version: With PIR sensor swith (infrared motion sensor)
Includes transparent protective strip to avoid damage from clothes hangers
- > Material: Aluminium profile with polycarbonate diffuser
- > Width: 18 mm
- > Height: 75 mm
- > Energy efficiency class: A
- > Degree of protection: IP20
- > Mounting: Screw fixing
For surface mounting
- > Supplied with: With 2.0 m lead with Loox 12V connector, transparent protective strip, including fixing materials

24V Loox 24 V driver see page 139

Voltage V	Colour temperature K	Quantity	Available lengths	Wattage W/m	Luminous flux lm	Luminous efficacy lm/W	Colour rendering index CRI R _a	Finish/colour	
		LEDs/m	mm					Aluminium	Brown
24V	4300	54	450	3.4	323	85	>80	833.04.220	833.04.224
		88	740	5.8	493	85	>80	833.04.221	833.04.225
		108	900	7.2	612	85	>80	833.04.222	833.04.226
		127	1060	9.1	773	85	>80	833.04.223	833.04.227



Profiles for recess mounting

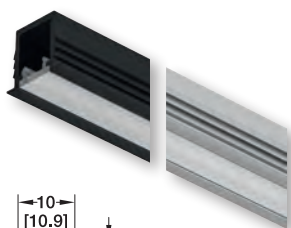
Aluminium, straight, 8/11 mm internal width



Häfele Loox profile 1104 / 1103



Häfele Loox profile 1104



[Routing dimensions]



End caps



- > Material: Profile: Aluminium, diffuser: Plastic
- > Finish/colour: Profile: Anodised, diffuser: White opal, transmittance 70–80 %
- > Length: 3000 mm
- > Diffuser width: Profile 1104: 8 mm
Profile 1103: 11 mm
- > Supplied with: 1 aluminium profile
1 diffuser white opal

Colour	Profile 1104	Profile 1103
Black	833.95.725	833.95.723
Silver coloured	833.95.724	833.95.722

- ! Profile 1104 is only suitable for LED flexible strip lights max. 5 mm width
Profile 1103 is only suitable for LED flexible strip lights max. 10 mm width

+ End caps for Häfele Loox profile 1104, 1103

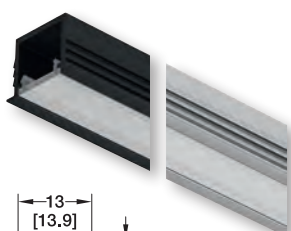
- > Material: Plastic
- > Version: With cable outlet
- > Packing: 10 pieces

Colour	End cap 1104	End cap 1103
Black	833.95.769	833.95.767
Silver coloured	833.95.768	833.95.766

- ! **Diffusers**
The diffuser creates a uniform light. The LED points are invisible from 120 LEDs/m. If required, please order alternative diffusers in black opal or transparent separately

➔ Diffusers see page 62

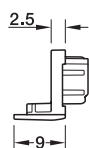
Häfele Loox profile 1103



[Routing dimensions]



End caps



Profiles for recess mounting

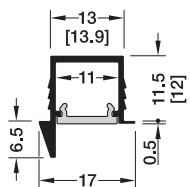
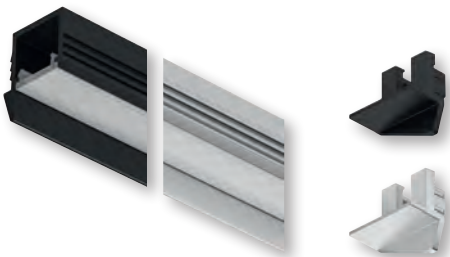
Aluminium, asymmetric light distribution, 11 mm internal width



Häfele Loox profile 1105, asymmetric light distribution



Häfele Loox profile 1105



[Routing dimensions]

End caps



- > Material: Profile: Aluminium, diffuser: Plastic
- > Finish/colour: Profile: Anodised, diffuser: White opal, transmittance 70–80 %
- > Length: 3000 mm
- > Diffuser width: 11 mm
- > Supplied with: 1 aluminium profile
1 diffuser white opal

Colour	Cat. No.
Black	833.95.727
Silver coloured	833.95.726

! Profile 1105 is only suitable for LED flexible strip lights max. 10 mm width

+ End caps for Häfele Loox profile 1105

- > Material: Plastic
- > Version: With cable outlet
- > Packing: 10 pieces

Colour	Cat. No.
Black	833.95.771
Silver coloured	833.95.770

! Diffusers
The diffuser creates a uniform light. LED points are invisible from 120 LED's/m. If required, please order alternative diffusers in black opal or transparent separately

➔ Diffusers see page 62

Anti-glare shield
Asymmetric distribution allows for a glare-free light source.

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Profiles for recess mounting

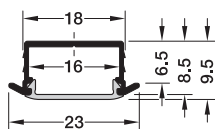
Aluminium, straight, 16 mm internal width



Häfele Loox profile for recess mounting, 6.5 mm depth



End cap



- > Material: Aluminium
- > Finish/colour: Silver coloured anodised
- > Length x width: 2500 x 18 mm
- > Height: 8.5 mm
- > Supplied with: 1 profile, 1 diffuser

Cover	Cat. No.
Milky	833.72.844
Frosted	833.72.845

! LED points are always visible when this profile is used

+ End cap with cable outlet for 833.72.844 and 833.72.845

- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

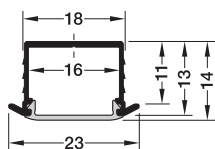
	Cat. No.
End cap for 833.72.844 and 833.72.845	833.72.855

➔ Loox5 sensor switches, suitable for use with aluminium profiles with 16 mm internal width see page 254
Replacement diffusers are available to order separately see page 62

Häfele Loox profile for recess mounting, 11 mm depth



End cap



- > Material: Aluminium
- > Finish/colour: Silver coloured anodised
- > Length x width: 2500 x 18 mm
- > Height: 13 mm
- > Supplied with: 1 profile, 1 diffuser

Cover	Cat. No.
Milky	833.72.846
Frosted	833.72.847

+ End cap with cable outlet for 833.72.846 and 833.72.847

- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

	Cat. No.
End cap for 833.72.846 and 833.72.847	833.72.854

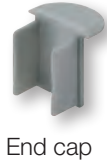
➔ Loox5 sensor switches, suitable for use with aluminium profiles with 16 mm internal width see page 254
Replacement diffusers are available to order separately see page 62

Profiles for recess mounting

Aluminium, 16 mm internal width



Häfele Loox profile for recess mounting, 24 mm depth



End cap

- > Material: Aluminium
- > Finish/colour: Silver coloured anodised
- > Length x width: 2500 x 18 mm
- > Height: 26 mm
- > Supplied with: 1 profile, 1 diffuser

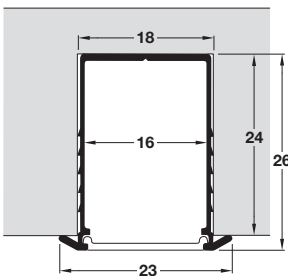
Cover	Cat. No.
Milky	833.72.848
Frosted	833.72.849

+ End cap with cable outlet for 833.72.848 and 833.72.849

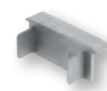
- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

Cat. No.
End cap for 833.72.846 and 833.72.847
833.72.856

➔ Loox5 sensor switches, suitable for use with aluminium profiles with 16 mm internal width see page 254
Replacement diffusers are available to order separately see page 62



Häfele Loox angled profile for recess mounting



End cap

- > Material: Aluminium
- > Finish/colour: Silver coloured anodised
- > Length x width: 2500 x 40 mm
- > Height: 16 mm
- > Supplied with: 1 profile, 1 diffuser

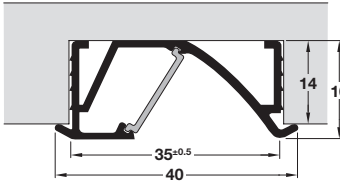
Cover	Cat. No.
Frosted	833.74.845

+ End cap with cable outlet for 833.74.845

- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

Cat. No.
End cap for 833.74.845
833.74.848

! For single row Loox LED strip lights 12V and 24V



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Profiles for recess mounting

Aluminium, angled, 16 mm internal width



Häfele Loox angled profile for recess mounting, 7 mm depth



End cap

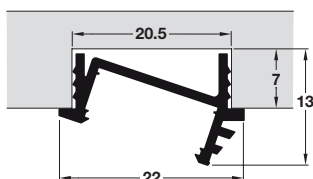
- > Material: Aluminium
- > Finish/colour: Silver coloured anodised
- > Length x width: 2500 x 22 mm
- > Height: 13 mm
- > Supplied with: 1 profile, 1 diffuser

Cover	Cat. No.
Frosted	833.72.821

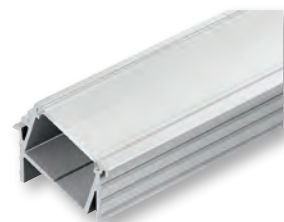
+ End cap with cable outlet for 833.72.821

- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

	Cat. No.
End cap for 833.72.821	833.72.828



Häfele Loox angled profile for recess mounting, 11 mm depth



End cap

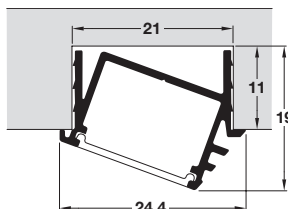
- > Material: Aluminium
- > Finish/colour: Silver coloured anodised
- > Length x width: 2500 x 24.4 mm
- > Height: 19 mm
- > Supplied with: 1 profile, 1 diffuser

Cover	Cat. No.
Milky	833.72.850
Frosted	833.72.851

+ End cap with cable outlet for 833.72.850 and 833.72.851

- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

	Cat. No.
End cap for 833.72.850 and 833.72.851	833.72.857



Profiles for recess mounting

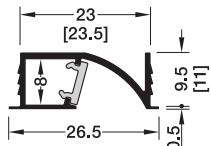
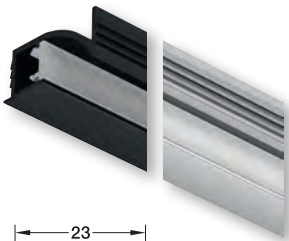
Aluminium, asymmetric light distribution, 8 or 11 mm internal width



Häfele Loox profile 1107 / 1106, asymmetric light distribution



Häfele Loox profile 1107



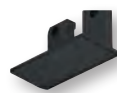
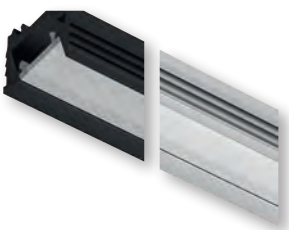
[Routing dimensions]

- > Material: Profile: Aluminium, diffuser: Plastic
- > Finish/colour: Profile: Anodised, diffuser: White opal, transmittance 70–80 %
- > Length: 3000 mm
- > Diffuser width: Profile 1107: 8 mm, profile 1106: 11 mm
- > Supplied with: 1 aluminium profile
1 diffuser white opal

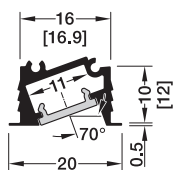
Colour	Profile 1107	Profile 1106
Black	833.95.731	833.95.729
Silver coloured	833.95.730	833.95.728

! Profile 1107 is only suitable for LED flexible strip lights max. 5 mm width
Profile 1106 is only suitable for LED flexible strip lights max. 10 mm width

Häfele Loox profile 1106



End caps



[Routing dimensions]

+ End caps for Häfele Loox profile 1106

- > Material: Plastic
- > Version: With cable outlet
- > Mounting: For screw fixing
- > Packing: 10 pieces

Colour	Cat. No.
Black	833.95.773
Silver coloured	833.95.772

! **Diffusers**
The diffuser creates a uniform light.
If required, please order alternative diffusers in black opal or transparent separately

➔ Diffusers see page 62

Profiles for surface mounting

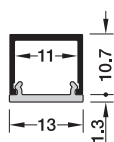
Aluminium, installation with adhesive tape, 11 mm internal width



Häfele Loox profile 2101 / 2102



Häfele Loox profile 2101



Surface mounted
diffuser

- > Material: Profile: Aluminium, diffuser: Plastic
- > Finish/colour: Profile: Anodised, diffuser: White opal, transmittance 70–80 %
- > Length: 3000 mm
- > Diffuser width: Profile 2101: 13 mm
Profile 2102: 11 mm
- > Supplied with: 1 aluminium profile
1 diffuser white opal

Colour	Profile 2101	Profile 2102
Black	833.95.733	833.95.735
Brushed stainless steel coloured	833.95.762	833.95.763
Silver coloured	833.95.732	833.95.734



Profiles 2101 and 2102 are only suitable for LED flexible strip lights max. 10 mm width



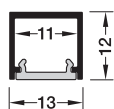
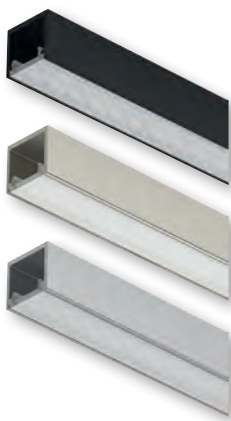
Diffusers

The diffuser creates a uniform light, the LED points in the white version are invisible from 120 LEDs/m. If required, please order alternative diffusers in black opal or transparent separately (only for width 11 mm)



Diffusers see page 62

Häfele Loox profile 2102



Flush recess mounted
diffuser

Häfele Loox profile 2101 / 2102

Häfele Loox profile 2101



End caps

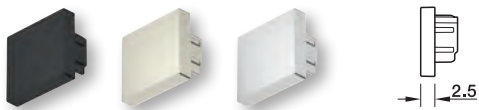


End caps for Häfele Loox profile 2101 / 2102

- > Material: Plastic
- > Version: With drill mark for cable outlet
- > Packing:: 10 pieces

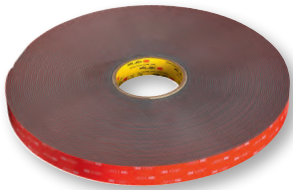
Colour	End cap 2101	End cap 2102
Black	833.95.775	833.95.778
Brushed stainless steel coloured	833.95.776	833.95.779
Silver coloured	833.95.774	833.95.777

Häfele Loox profile 2102



End caps

Adhesive tape for Häfele Loox profile 2101 / 2102



- > Area of application: For fixing aluminium on wood, metals, or plastics
- > Version: Double-sided, high instant adhesion, high temperature resistance
- > Length: 33 m
- > Width: 10 mm
- > Thickness: 0.6 mm

	Cat. No.
Adhesive tape	833.89.266

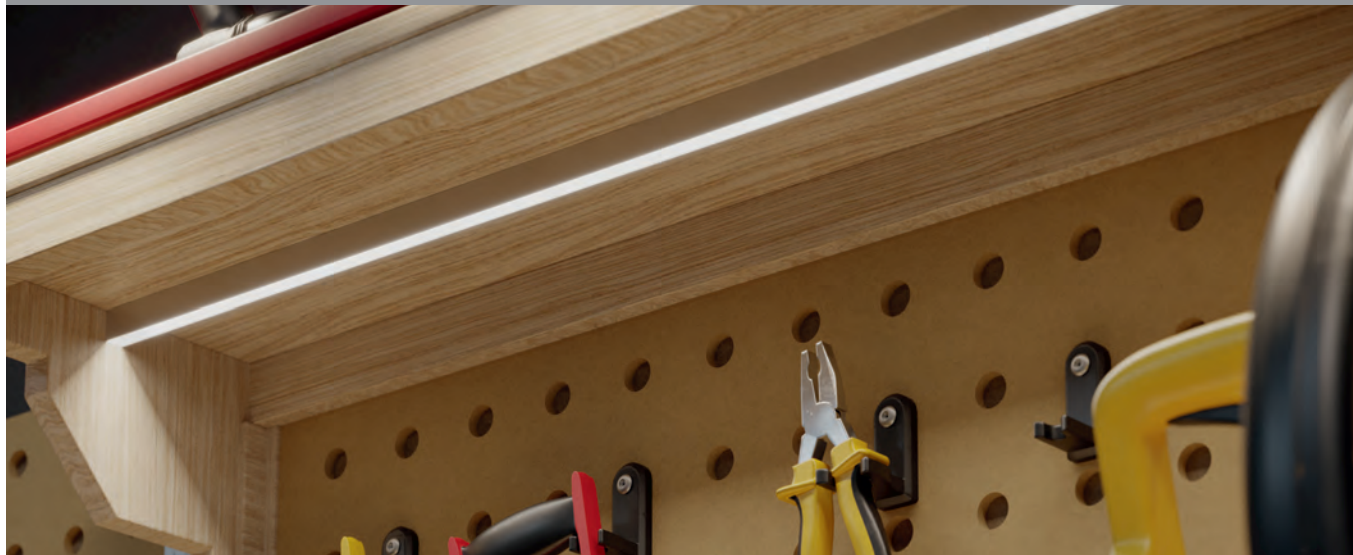


Profiles for surface mounting

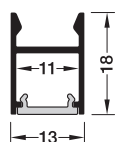
Aluminium, installation with mounting bracket, 11 mm internal width



Häfele Loox profile 2103/2104, with concealed fixing



Häfele Loox profile 2103



- > Material: Profile: Aluminium, diffuser: Plastic
- > Finish/colour: Profile: Anodised, diffuser: White opal, transmittance 70–80 %
- > Length: 3000 mm
- > Diffuser width: 11 mm
- > Supplied with: 1 aluminium profile
1 diffuser white opal

Colour	Profile 2103	Profile 2104
Black	833.95.737	833.95.739
Brushed stainless steel coloured	833.95.764	833.95.765
Silver coloured	833.95.736	833.95.738

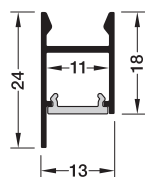
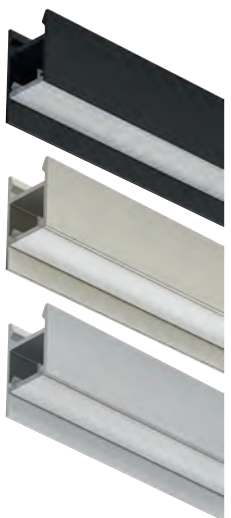
❗ Profiles 2103 and 2104 are only suitable for LED flexible strip lights max. 10 mm width

❗ **Order reference**
Please order (mandatory) mounting bracket separately.

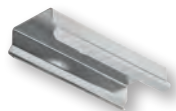
❗ **Diffusers**
The diffuser creates a uniform light, the LED points in the white version are invisible from 120 LEDs/m. If required, please order alternative diffusers in black opal or transparent separately (only for width 11 mm)

➡ Mounting bracket see page 55
Diffusers see page 62

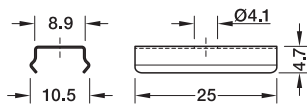
Häfele Loox profile 2104, with asymmetric light distribution



Häfele Loox profile 2103/2104, with concealed fixing



Mounting bracket for concealed fixing



Mounting bracket

- > Material: Stainless steel
- > Mounting: For screw fixing
- > Packing: 10 pieces

	Cat. No.
Mounting bracket	833.95.761

End caps for Häfele Loox profile 2103/2104

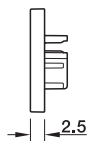
- > Material: Plastic
- > Version: With drill mark for cable outlet
- > Packing: 10 pieces

Colour	End cap 2103	End cap 2104
Black	833.95.781	833.95.784
Brushed stainless steel coloured	833.95.782	833.95.785
Silver coloured	833.95.780	833.95.783

Häfele Loox profile 2103



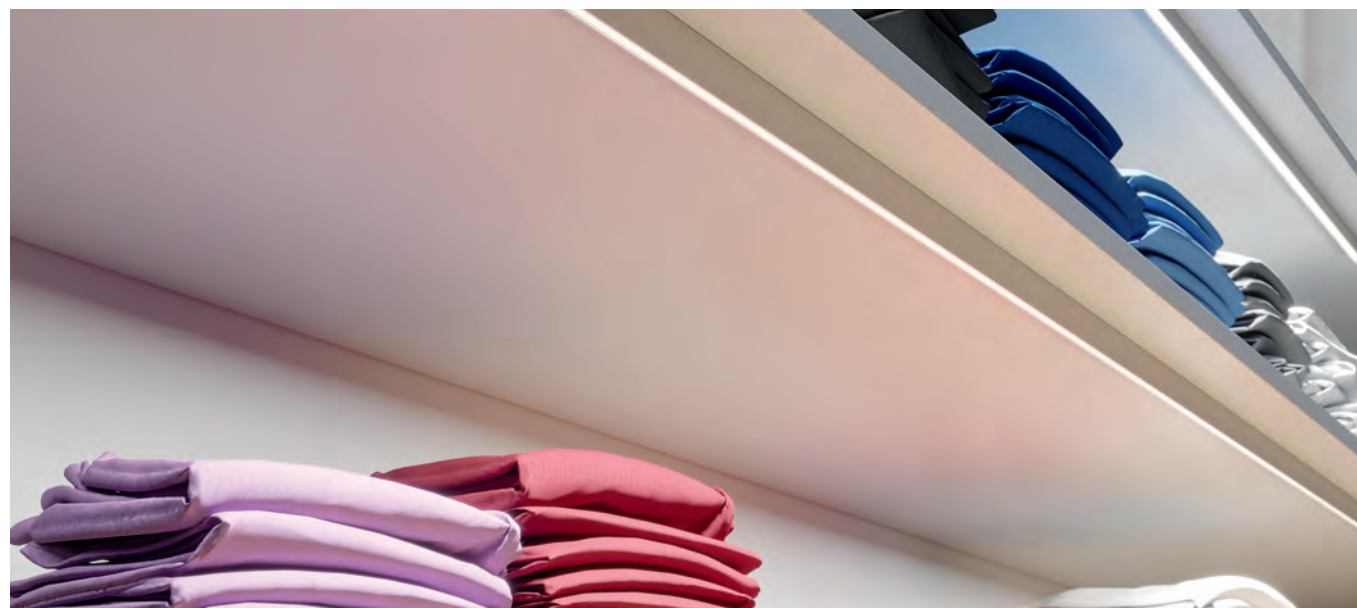
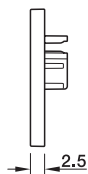
End caps



Häfele Loox profile 2104



End caps



Profiles for surface mounting

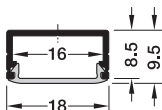
Aluminium, straight, 16 mm internal width



Häfele Loox profile for surface mounting



End cap



- > Material: Aluminium
- > Finish/colour: Silver coloured anodised
- > Length x width x height: 2500 x 18 mm x 9.5 mm
- > Supplied with: 1 profile, 1 diffuser

Cover type	Cat. No.
Milky	833.72.840
Frosted	833.72.843

- ! LED points are always visible when this profile is used

+ End cap

- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

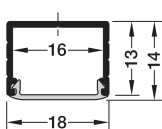
	Cat. No.
End cap for 833.72.840 and 833.72.843	833.72.852

- ➔ Loox5 sensor switches, suitable for use with aluminium profiles with 16 mm internal width see page 254
Replacement diffusers are available to order separately see page 62

- + Mounting brackets are available (optional) see page 57



End cap



- > Material: Aluminium
- > Finish/colour: Silver coloured anodised
- > Length x width x height: 2500 x 18 mm x 14 mm
- > Supplied with: 1 profile, 1 diffuser

Cover type	Cat. No.
Milky	833.72.841
Frosted	833.72.842

+ End cap

- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

	Cat. No.
End cap for 833.72.841 and 833.72.842	833.72.853

- ➔ Loox5 sensor switches, suitable for use with aluminium profiles with 16 mm internal width see page 254
Replacement diffusers are available to order separately see page 62

- + Mounting brackets are available (optional) see page 57

Profiles for surface mounting

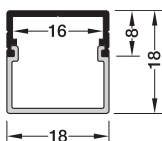
Aluminium, with attached diffuser housing, 16 mm internal width



Häfele Loox profile for surface mounting, with attached diffuser housing



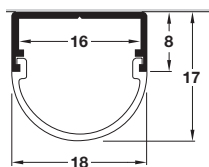
End cap
833.74.823



Rectangular
833.74.813



End cap
833.74.824



Round
833.74.814

- > Material: Profile: Aluminium
Diffuser housing: Plastic
- > Finish/colour: Profile: Silver coloured anodised
Diffuser housing: Milky
- > Length x width: 2500 x 18 mm
- > Height: 18 mm
- > Supplied with: 1 aluminium profile
1 diffuser housing milky

Profile with milky cover	Cat. No.
Rectangular	833.74.813
Round	833.74.814

- +** **End cap**
- > Material: Plastic, silver coloured
- > Version: With cable outlet
- > Supplied with: 2 pieces

End cap	Cat. No.
Rectangular end cap for 833.74.813	833.74.823
Round end cap for 833.74.814	833.74.824

➔ Order mounting brackets separately see below

! Max. distance of retaining clips 500 mm.
The mounting arms make it possible to have customised, perfectly fitting surface mounted cabinet lights.

Häfele Loox mounting brackets for aluminium profiles with 16 mm internal width



Mounting bracket Mounting bracket 40°

- > Material: Stainless steel, silver coloured
- > Supplied with: 2 pieces

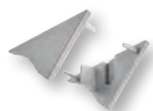
Version	Cat. No.
Retaining clip	833.74.832
Retaining clip 40°	833.74.833

Profiles for surface mounting

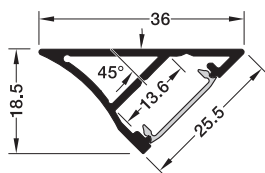
Aluminium, asymmetric light distribution, 13.6 or 14 mm internal width



Häfele Loox profile for surface mounting, asymmetric light distribution



End caps



- > Material: Aluminium
- > Finish/colour: Profile: Silver coloured anodised
Diffuser: Milky
- > Version: Indirect light output
- > Length x width: 2500 x 36 mm
- > Height: 18.4 mm
- > Diffuser width: 16 mm
- > Supplied with: 1 aluminium profile
1 diffuser milky

	Cat. No.
Profile for recess mounting, angled	833.74.898

- +** **End cap**
- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

	Cat. No.
End cap	833.74.899

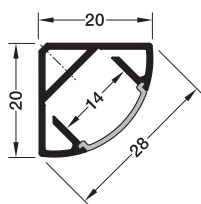
Häfele Loox corner profile



End cap



Holder



Mounting plate

- > Material: Aluminium
- > Finish/colour: Profile: Silver coloured anodised
Diffuser: Milky
- > Cover: Milky
- > Length x width: 2500 x 28 mm
- > Height: 20 mm
- > Supplied with: 1 aluminium profile
1 diffuser milky

	Cat. No.
Corner profile	833.74.812

- +** > Material: End cap and holder:
Plastic, silver coloured
Mounting plate: Stainless steel
- > Supplied with: 2 pieces

	Cat. No.
End cap with cable outlet	833.74.822
Holder	833.74.825
Mounting plate	833.74.826

Drawer profiles for surface mounting

Aluminium, 14 mm internal width



Häfele Loox drawer profile



- > Material: Aluminium
- > Finish/colour: Profile: Silver coloured anodised
Diffuser: Milky
- > Length x width: 2500 x 18 mm
- > Height: 12.5 mm
- > Supplied with: 1 aluminium profile
1 diffuser milky

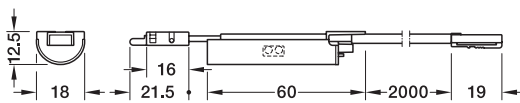


End caps

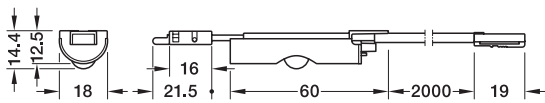
Retaining clip



Door sensor



Motion detector



	Cat. No.
Drawer profile	833.74.835

+ End cap set

- > Material: ABS plastic, silver coloured
- > Supplied with: 5 sets of end caps, fixing screws

	Cat. No.
End cap set	833.74.877

Retaining clip

- > Material: Stainless steel, silver coloured
- > Supplied with: 2 pieces

	Cat. No.
Retaining clip	833.74.893

Loox5 door sensor for Häfele Loox drawer profile

Voltage	Switching capacity	Cat. No.
5 12V	60 W	833.89.251
5 24V	90 W	833.89.253

Loox5 motion detector for Häfele Loox drawer profile

- > Delay time: 30 sec.
- > Sensor range: 0–3000 mm

Voltage	Switching capacity	Cat. No.
5 12V	60 W	833.89.252
5 24V	90 W	833.89.254

⚡ 5 12V 12V Loox 12V driver see page 137
Please order 6-piece adapter set 833.95.752 separately see page 237

5 24V 24V Loox 24V driver see page 139
Please order 6-piece adapter set 833.77.837 separately see page 237

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Wardrobe rail and glass edge profile

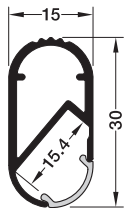
Aluminium



Häfele Loox wardrobe rail, asymmetric light distribution



Rail end support,
side panel



Wardrobe rail,
rail centre support

- > Material: Aluminium
- > Finish/colour: Profile: Silver coloured anodised
Diffuser: Milky
- > Length x width: 2500 x 15 mm
- > Height: 30 mm
- > Supplied with: 1 aluminium profile
1 diffuser milky

	Cat. No.
Häfele Loox wardrobe rail	833.72.790



Suitable for max. 10 mm clip connector width
Not suitable for RGB strip lights



Rail end support, side panel

- > Material: Zinc alloy
- > Mounting: For screw fixing to side panel
- > Supplied with: 1 piece

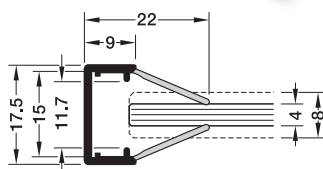
	Cat. No.
Rail end support, side panel	803.33.757

Wardrobe rail, rail centre support

- > Material: Zinc alloy, chrome plated
- > Mounting: For screw fixing
- > Supplied with: 1 piece

	Cat. No.
Wardrobe rail, rail centre support	802.05.200

Häfele Loox glass edge profile



- > Material: Plastic
- > Finish/colour: Profile: Silver coloured
Diffusers: Milky
- > Length x width: 2000 x 17.5 mm
- > Height: 22 mm
- > Application: For screw fixing
- > Supplied with: 1 aluminium profile
2 diffusers milky

	Cat. No.
Glass edge profile	833.74.733



Not load bearing: Shelf supports must be ordered separately
Only suitable for LED strips max. 9.6 W/m

Effect of the glass edge on the light

- > Glass edge with satin finish = even light line
- > Clear glass edge = point light

Plastic profiles for recess mounting

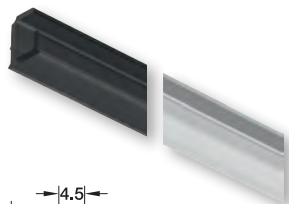
Plastic, straight, 5 or 8 mm internal width



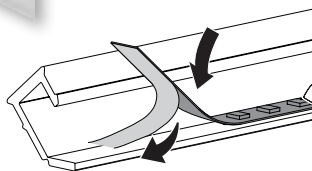
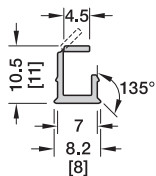
Häfele Loox profile 1102 / 1101



Häfele Loox profile 1102



- > Material: Plastic
- > Length: 3000 mm
- > Supplied with: 1 plastic profile

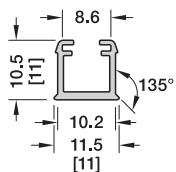
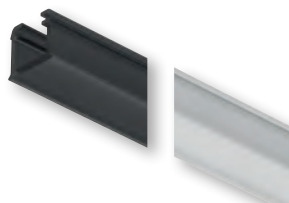


[Routing dimensions]

Colour	Transmittance	Profile 1102	Profile 1101
Black	~20 %	833.95.741	833.72.899
White opal	70-80 %	833.95.740	833.72.898

! Profile 1102 is only suitable for LED flexible strip lights max.5 mm width
Profile 1101 is only suitable for LED flexible strip lights max.8 mm width

Häfele Loox profile 1101



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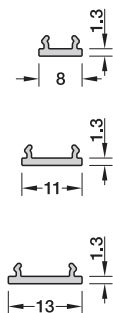
Diffusers, cooling strip



Diffusers Häfele Loox for profiles for recess mounting 1103-1107 as well as for profiles for recess mounting 2101-2104



Dimensions



- > Material: Plastic
- > Length: 3000 mm
- > Supplied with: 1 diffuser

Width mm	Transmittance	white opal, 70–80 %	black, ~20 %
8	–	833.95.754	833.95.758
11	833.95.757	833.95.755	833.95.759
13	–	833.95.756	833.95.760

! The white diffuser creates a uniform light. The LED points are invisible from 120 LEDs/m. When using the black diffuser, LED points may be visible. LED points are always visible when the transparent diffuser is used

Diffusers Häfele Loox for profiles with 16 mm internal dimension



Frosted

Milky

- > Material: Plastic
- > Length: 2500 mm
- > Supplied with: 1 diffuser

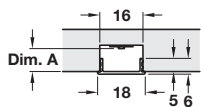
Cover	Frosted	Milky
Protruding, for push fitting	833.74.780	833.74.781

! Cannot be used with Loox aluminium profiles 833.74.812, 833.74.813 and 833.74.814 or for aluminium profiles with curved diffuser



Protruding

Häfele Loox diffuser cover profile for 12V LED flexible strip lights



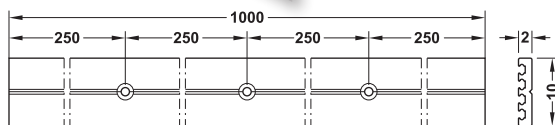
Dim. A = min. 10 mm so that LED points are not visible

- > Material: Plastic
- > Length: 2500 mm
- > Mounting: For recess mounting
- > Supplied with: 1 diffuser

Voltage	Cover	Cat. No.
12V	Milky	833.74.794

! Only suitable for 12V LED strip lights

Häfele Loox cooling strip



- > Material: Aluminium
- > Length x width: 1000 mm
- > Mounting: Screw fixing, drill holes at 250, 500, 750 mm
- > Supplied with: 1 profile

Cooling strip	Cat. No.
	833.77.700

! Only suitable for 10 mm wide LED strip lights






Loox Downlights



Task light












Illuminate work spaces with > 500 lx at a distance of 500 mm

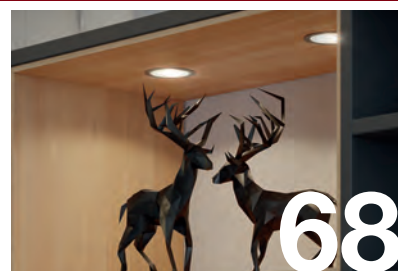
	Model						Page
	LED 2025	12 V	Recess mounted/ surface mounted	Drill hole Ø 58 mm	IP44/20	3.8 W	> 66
	LED 3023	24 V	Surface mounted	Ø 180 mm	IP20	4.8 W	> 86
	LED 3025	24 V	Surface mounted	205 x 205 mm	IP20	5.8 W	> 87



Ambient light



Stage furnishings with 150–500 lx at a distance of 500 mm

	Model						Page
	LED 2040	12 V	Recess mounted/ surface mounted	Drill hole Ø 35 mm	IP44/20	3.4 W	> 68
	LED 2090	12 V	Recess mounted/ surface mounted	Drill hole Ø 26 mm	IP44/20	1.2 W	> 70
	LED 2047	12 V	Recess mounted/ surface mounted	Drill hole Ø 55 mm	IP44/20	3.0 W	> 72
	LED 3038	24 V				3.0 W	> 72
	LED 2020	12 V	Recess mounted/ surface mounted	Drill hole Ø 55 mm	IP44/20	3.2 W	> 74
	LED 2022	12 V	Recess mounted/ surface mounted	Drill hole Ø 26 mm	IP44/20	1.5 W	> 76
	LED 2039	12 V	Recess mounted	Ø 58 mm	IP65	2.5 W	> 80
	LED 2050	12 V	Surface mounted	Ø 65 mm	IP20	2.5 W	> 82
	LED 2051	12 V	Surface mounted	65 x 65 mm	IP20	2.5 W	> 84
	LED 3010	24 V	Recess mounted/ surface mounted	Drill hole Ø 60 mm	IP20	3.3 W	> 78
	LED 3035	24 V	Surface mounted	Ø 65 mm	IP20	2.5 W	> 83
	LED 3036	24 V	Surface mounted	65 x 65 mm	IP20	2.5 W	> 85



Accent light

Illuminate non-hazardous traffic areas and corridors or storage spaces with <150 lx at a distance of 500 mm

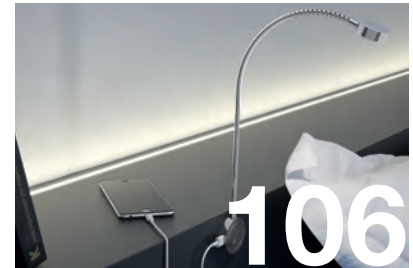
	Model						Page
	LED 2028	12 V	Recess mounted	Drill hole Ø 54 mm	IP44	0.3 W	> 109
	LED 9004	Battery-operated light	Surface mounted	120 x 65 mm	IP20	0.8 W	> 88





Flexible surface mounted lights

	Model			Page	
	LED 2034	12 V	Surface mounted, with charging station	IP20 1.5 W	> 106
	LED 2035	12 V	Surface mounted	IP20 1.5 W	> 107
	LED 2018	12 V	Surface mounted	IP20 2.0 W	> 108



Loox Compatible lights

	Model			Page	
	LED METRIS	12 V	Recess mounted/ surface mounted	Drill hole Ø 57-60 mm	IP20 1.6 W > 90
	LED SMALLY PLUS	12 V	Recess mounted/ surface mounted	Drill hole Ø 58 mm	IP20 3.0 W > 92
	LED SALLY	24 V	Surface mounted	Ø 111 mm	IP20 3.5 W > 94
	LED HARRY	24 V	Surface mounted	110 x 110 mm	IP20 3.5 W > 95
	LED POLAR FLAT	24 V	Surface mounted	70 x 190 mm	IP20 5.0 W > 96
	LED POLAR TW	24 V	Surface mounted	70 x 190 mm	IP20 3.5 W > 98
	LED POLAR UP	24 V	Surface mounted	70 x 190 mm	IP20 5.0 W > 97
	LED TITAN	12 V	Surface mounted	101 x 201 mm	IP20 6.0 W > 99
	LED Slimline bar	12 V	Surface mounted	35 x 150 mm	IP20 1.2 W > 102
	LED round	12 V	Recess mounted/ surface mounted	Drill hole Ø 56 mm	IP20 2.4 W > 103
	LED triangular wedge	12 V	Surface mounted	130 x 138 mm	IP20 2.4 W > 103
	LED ATOM	24 V	Recess mounted/ surface mounted	Drill hole Ø 56 mm	IP20 3.0 W > 104



	>500 lx
	150–500 lx
	<150 lx



Note:

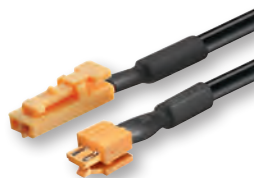
The illuminance symbol always represents the best value of all colour temperatures and is meant to be for quick guidance only. Please note the specific values of the individual colour temperatures and the refraction angle before ordering!

Loox downlights

Recess or surface mounted, modular monochrome, drill hole Ø: 58 mm



Häfele Loox LED 2025



Modular design -

Round or square, surface or recess mounting bezels.
2.0 m lead with snap-in connector included

- > Dimmable: Yes
- > Material: Aluminium
- > Energy efficiency class: A+
- > Degree of protection: IP44 as recess mounted downlight; IP20 as surface mounted downlight
- > Mounting: For mounting in drilled hole, for clamp fixing or for screw fixing
- > Drill hole Ø: 58 mm
- > Supplied with: 1 light module
1x 2.0 m lead with Loox 12V connector

Note
The IP44 degree of protection is reduced to IP20 when surface mounting with bezel or recess mounting with through hole

12V Loox 12 V driver see page 137

For recess or surface mounting order bezels separately, see page 67

Additional light to driver leads are available to order separately, see page 67

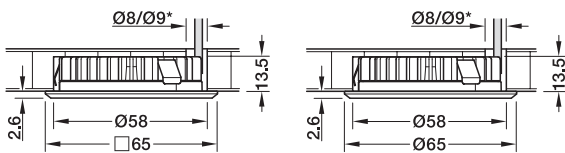
				80°		
2700 K	3000 K	4000 K	5000 K			
2600 lx	2650 lx	2700 lx	2800 lx	☀	250 mm	
730 lx	750 lx	780 lx	800 lx	☀	500 mm	
320 lx	350 lx	345 lx	350 lx	☀	750 mm	
180 lx	185 lx	185 lx	190 lx	☀	1000 mm	

Häfele Loox LED 2025

Voltage	Number of LEDs	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index	Weighted energy consumption	Cat. No.
V	LEDs	K	W	lm	lm/W	CRI R _a	kWh/1000 h	
12 V	Häfele Loox LED 2025 (compatible with Loox lead with snap-in connector)							
	1	2700	3.8	270	71	>90	4.18	833.70.273
		3000	3.8	300	78	>90	4.18	833.70.274
		4000	3.8	306	80	>90	4.18	833.70.275
5000		3.8	345	90	>83	4.18	833.70.272	

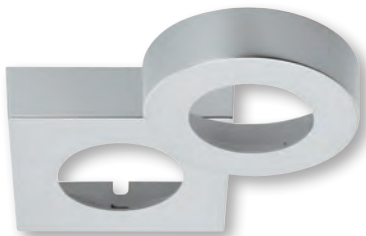


Recess mounted bezel

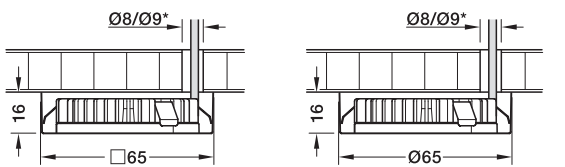


Recess mounting, square

Recess mounting, round



Surface mounted bezel



Surface mounting, square

Surface mounting, round

Housings are suitable for monochrome lights and for multi-white lights.

* 9 mm valid for multi-white plugs.



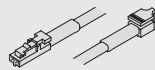
> Bezel for recess mounting, plastic

Colour	Round	Square
Anthracite	833.72.380	833.72.383
Stainless steel coloured	833.72.382	833.72.385
Silver coloured	833.72.126	833.72.127



> Bezel for surface mounting, plastic

Colour	Round	Square
Anthracite	833.72.193	833.72.195
Stainless steel coloured	833.72.194	833.72.197
Silver coloured	833.72.124	833.72.125



> Additional light to driver lead, with snap-in connector, black plastic

Voltage	Length	Cat. No.
12 V	500 mm	833.72.880
	1000 mm	833.72.881
	2000 mm	833.72.882

Loox downlights

Recess or surface mounted, modular monochrome, drill hole Ø: 35 mm

7
YEARS



Häfele Loox LED 2040



Modular design -

Round or square, surface or recess mounting bezels.
2.0 m lead with snap-in connector included

- > Dimmable: Yes
- > Material: Aluminium
- > Energy efficiency class: A+
- > Degree of protection: IP44 as recess mounted downlight; IP20 as surface mounted downlight
- > Mounting: For mounting in drilled hole, for clamp fixing or for screw fixing
- > Drill hole Ø: 35 mm
- > Supplied with: 1 light module
1x 2.0 m lead with Loox 12V connector



Note

The IP44 degree of protection is reduced to IP20 when surface mounting with bezel or recess mounting with through hole



12V

Loox 12 V driver see page 137



For recess or surface mounting order bezels separately, see page 69



Additional light to driver leads are available to order separately, see page 69

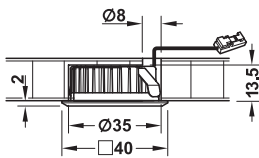
2700 K	3000 K	4000 K	5000 K	90°	
530 lx	660 lx	720 lx	800 lx		250 mm
135 lx	180 lx	185 lx	220 lx		500 mm
55 lx	80 lx	85 lx	95 lx		750 mm
35 lx	40 lx	50 lx	55 lx		1000 mm

Häfele Loox LED 2040

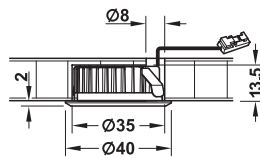
Voltage	Number of LEDs	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI R _a	Weighted energy consumption kWh/1000 h	Cat. No.
V	LEDs	K	W	lm	lm/W			
12 V	3	2700	1.5	75	50	90	1.65	833.70.277
		3000	1.5	88	59	90	1.65	833.70.278
		4000	1.5	96	64	90	1.65	833.70.279
		5000	1.5	110	73	83	1.65	833.70.276



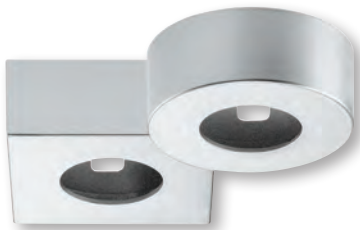
Recess mounted bezel



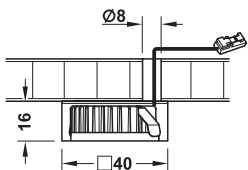
Recess mounting, square



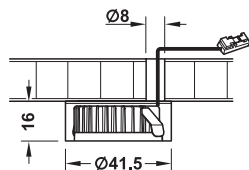
Recess mounting, round



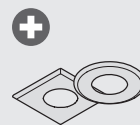
Surface mounted bezel



Surface mounting, square

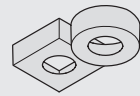


Surface mounting, round



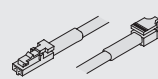
> Bezel for recess mounting, plastic

Colour	Round	Square
Silver coloured	833.72.145	833.72.146



> Bezel for surface mounting, plastic

Colour	Round	Square
Silver coloured	833.72.143	833.72.144

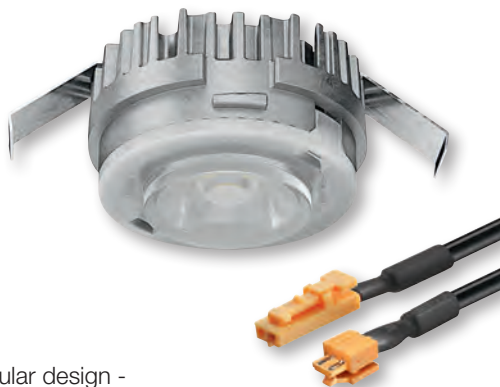


> Additional light to driver lead, with snap-in connector, black plastic

Voltage	Length	Cat. No.
12 V	500 mm	833.72.880
	1000 mm	833.72.881
	2000 mm	833.72.882

Loox downlights

Recess or surface mounted, monochrome, drill hole Ø: 26 mm



Modular design -

Round or square, surface or recess mounting bezels. 2.0 m lead with snap-in connector included

2700 K	3000 K	4000 K	5000 K	55°	
930 lx	990 lx	1005 lx	1005 lx		250 mm
230 lx	240 lx	250 lx	260 lx		500 mm
95 lx	100 lx	110 lx	115 lx		750 mm
50 lx	55 lx	60 lx	60 lx		1000 mm

> Narrow beam angle for staging objects

Equipped with high-quality Samsung LEDs

- > Dimmable: Yes
- > Material: Aluminium
- > Energy efficiency class: A+
- > Degree of protection: IP44 as recess mounted downlight; IP20 as surface mounted downlight
- > Mounting: For mounting in drilled hole, for clamp fixing or for screw fixing
- > Drill hole Ø: 26 mm
- > Supplied with: 1 light module
1x 2.0 m lead with Loox 12V connector

Note
The IP44 degree of protection is reduced to IP20 when surface mounting with bezel or recess mounting with through hole

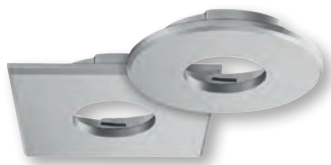
12V Loox 12 V driver see page 137

For recess or surface mounting order bezels separately, see page 71

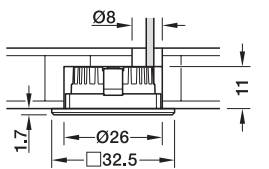
Additional light to driver leads are available to order separately, see page 71

Häfele Loox LED 2090

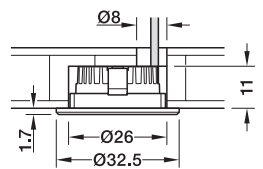
Voltage V	Number of LEDs	Colour temperature K	Wattage W	Luminous flux lm	Luminous efficacy lm/W	Colour rendering index CRI		Weighted energy consumption kWh/1000 h	Cat. No.
						R _a	R ₉		
12V	1	2700	1.2	80	67	>90	>60	1.32	833.70.280
		3000	1.2	90	75	>90	>60	1.32	833.70.281
		4000	1.2	95	79	>90	>60	1.32	833.70.282
		5000	1.2	100	83	>90	>60	1.32	833.70.283



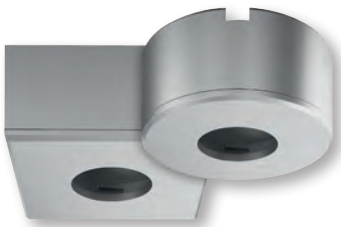
Recess mounted bezel



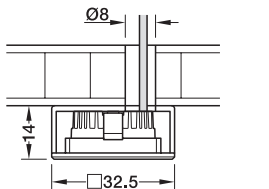
Recess mounting, square



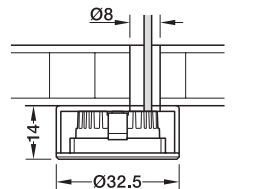
Recess mounting, round



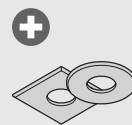
Surface mounted bezel



Surface mounting, square

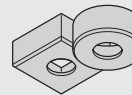


Surface mounting, round



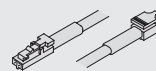
> Bezel for recess mounting, plastic

Colour	Round	Square
Anthracite	833.89.226	833.89.233
Matt nickel plated	833.89.223	833.89.230
Silver coloured	833.89.222	833.89.229



> Bezel for surface mounting, plastic

Colour	Round	Square
Anthracite	833.89.240	833.89.247
Matt nickel plated	833.89.237	833.89.244
Silver coloured	833.89.236	833.89.243



> Additional light to driver lead, with snap-in connector, black plastic

Voltage	Length	Cat. No.
12V	500 mm	833.72.880
	1000 mm	833.72.881
	2000 mm	833.72.882

Loox downlights

Recess or surface mounted, monochrome, drill hole Ø: 55 mm



Häfele Loox LED 2047 / 3038



- > Dimmable: Yes
- > Material: Steel
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: For mounting in drilled hole, for clamp fixing or for screw fixing
- > Drill hole Ø: 55 mm
- > Supplied with: 1 light with 2 m lead

3000 K			4000 K			5000 K			120°	
560 lx	570 lx	670 lx	[Light distribution diagram]			☀		250 mm		
210 lx	215 lx	245 lx	[Light distribution diagram]			☀		500 mm		
115 lx	115 lx	135 lx	[Light distribution diagram]			☀		750 mm		
75 lx	75 lx	90 lx	[Light distribution diagram]			☀		1000 mm		

LED 2047

3000 K			4000 K			5000 K			120°	
580 lx	590 lx	710 lx	[Light distribution diagram]			☀		250 mm		
220 lx	220 lx	265 lx	[Light distribution diagram]			☀		500 mm		
115 lx	115 lx	140 lx	[Light distribution diagram]			☀		750 mm		
75 lx	75 lx	100 lx	[Light distribution diagram]			☀		1000 mm		

LED 3038

- 12V** Loox 12 V driver see page 137
- 24V** Loox 24 V driver see page 139

For surface mounting order bezels separately, see page 73

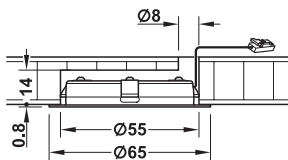
Häfele Loox LED 2047 / 3038

Voltage V	Number of LEDs	Colour temperature K	Wattage W	Luminous flux lm	Luminous efficacy lm/W	Colour rendering index CRI R _a	Weighted energy consumption kWh/1000 h	Stainless steel coloured	Silver coloured	Polished chrome plated
12 V	Häfele Loox LED 2047									
	24	3000	3	210	70	90	3.3	833.72.390	833.72.340	833.72.300
		4000	3	216	72	90	3.3	833.72.391	833.72.341	833.72.301
		5000	3	240	80	83	3.3	833.72.392	833.72.342	833.72.302
24 V	Häfele Loox LED 3038									
	24	3000	3	215	72	90	3.3	833.75.150	833.75.120	833.75.140
		4000	3	225	75	90	3.3	833.75.151	833.75.121	833.75.141
		5000	3	245	82	83	3.3	833.75.152	833.75.122	833.75.142

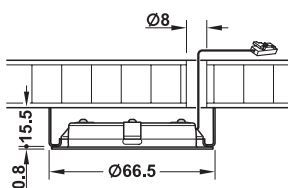


> Bezel for surface mounting, plastic

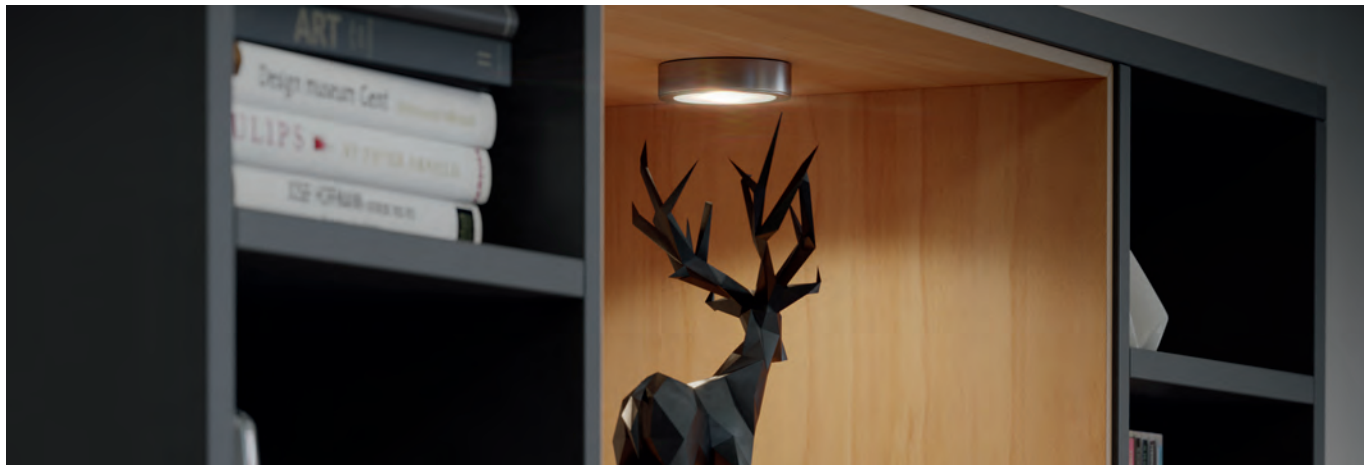
Colour	Cat. No.
Stainless steel coloured	833.72.804
Silver coloured	833.72.803
Polished chrome plated	833.72.802



Recess mounting



Surface mounting



Loox downlights

Recess or surface mounted, monochrome, drill hole Ø: 55 mm



Häfele Loox LED 2020



- > Dimmable: Yes
- > Material: Zinc alloy
- > Energy efficiency class: A
- > Degree of protection: IP44 as recess mounted downlight; IP20 with downlight housing (surface mounted downlight)
- > Number of LEDs: 6
- > Mounting: For mounting in drilled hole, for clamp fixing or for screw fixing
- > Drill hole Ø: 55 mm
- > Supplied with: 1 light with 2 m lead, including fixing materials

12V Loox 12 V driver see page 137

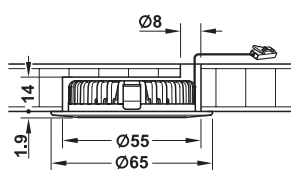
The IP44 degree of protection is reduced to IP20 when surface mounting with bezel or recess mounting with through hole

For surface mounting order bezels separately see page 75

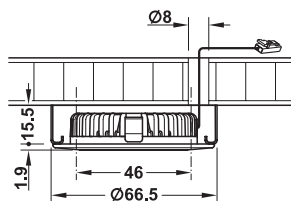
3000 K	4000 K	5000 K		100°	
760 lx	860 lx	840 lx			250 mm
190 lx	215 lx	210 lx			500 mm
85 lx	95 lx	95 lx			750 mm
48 lx	50 lx	50 lx			1000 mm

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI R _a	Weighted energy consumption kWh/1000 h	Matt nickel plated	Polished chrome plated
V	K	W	lm	lm/W				
12V	3000	3.2	142	44	83	3.52	833.72.280	833.72.282
	4000	3.2	150	47	83	3.52	833.72.283	833.72.285
	5000	3.2	150	47	83	3.52	833.72.286	833.72.288

Häfele Loox LED 2020



Recess mounting



Mounting as downlight



> Downlight housing

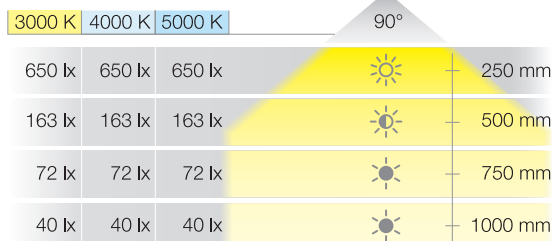
Colour	Cat. No.
Matt nickel plated	833.72.800
Polished chrome plated	833.72.802

Loox downlights

Recess or surface mounted, monochrome, drill hole Ø: 26 mm



- > Dimmable: Yes
- > Material: Aluminium
- > Energy efficiency class: A+
- > Degree of protection: IP44 as recess mounted downlight; IP20 with downlight housing (surface mounted downlight)
- > Number of LEDs: 3
- > Mounting: For mounting in drilled hole, for clamp fixing or for screw fixing
- > Drill hole Ø: 26 mm
- > Supplied with: 1 light with 2 m lead



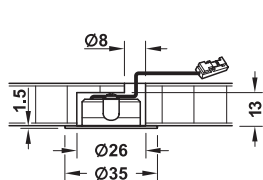
12 V Loox 12 V driver see page 137

The IP44 degree of protection is reduced to IP20 when surface mounting with bezel or recess mounting with through hole

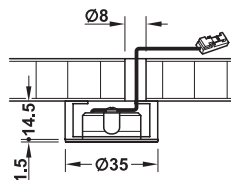
For surface mounting order bezels separately see page 77

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Weighted energy consumption	Silver coloured anodised	Polished chrome plated
V	K	W	lm	lm/W	R _a	kWh/1000 h		
12 V	3000	1.5	105	70	82	1.65	833.72.040	833.72.043
	4000	1.5	105	70	87	1.65	833.72.041	833.72.044
	5000	1.5	105	70	88	1.65	833.72.042	833.72.045

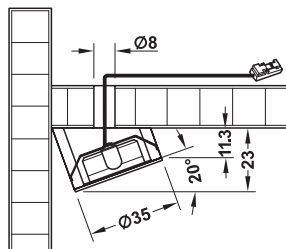
Häfele Loox LED 2022



Recess mounting



Surface mounting



> Bezel for surface mounting, round, plastic

Colour	Cat. No.
Silver coloured anodised	833.72.831
Chrome plated	833.72.830



> Bezel for surface mounting, wedge-shaped, plastic

Colour	Cat. No.
Silver coloured anodised	833.72.832
Chrome plated	833.72.833



Loox downlights

Recess or surface mounted, monochrome, drill hole Ø: 60 mm

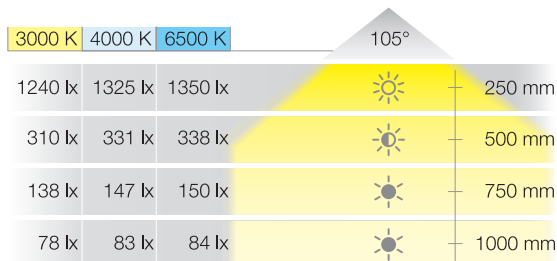


- > Dimmable: Yes
- > Version: With frosted and clear glass cover for individual replacement
- > Material: Aluminium, silver coloured anodised
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 1
- > Mounting: For mounting in drilled hole, for clamp fixing or for screw fixing
- > Drill hole Ø: 60 mm
- > Supplied with: 1 light with 1 glass pane clear/matt, 2 m lead incl. fixing material

24 V Loox 24 V driver see page 139

Note
When selecting the driver and controls, please note that the power consumption briefly rises to 5 W per light when the light is switched on

For surface mounting order bezel or downlight housing separately see page 79

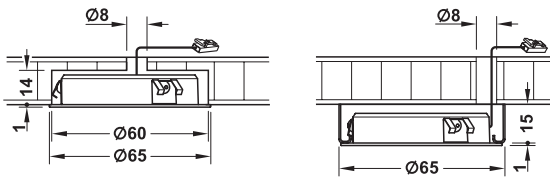


Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Weighted energy consumption	Cat. No.
V	K	W	lm	lm/W	R _a	kWh/1000 h	
24 V	3000	3.25	250	77	82	3.58	833.75.040
	4000	3.25	267	82	84	3.58	833.75.041
	6000	3.25	271	83	83	3.58	833.75.042

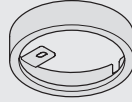
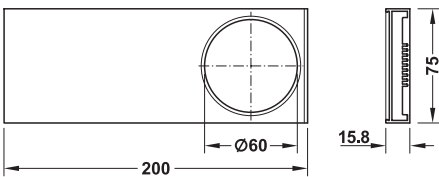
Häfele Loox LED 3010



Surface mounting bezel

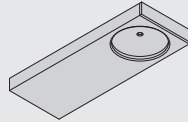


Surface mounted downlight housing



> Surface mounting bezel, aluminium

Finish	Cat. No.
Silver coloured	833.77.730



> Downlight housing, aluminium

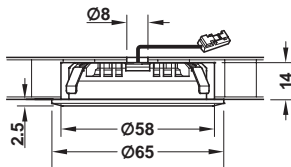
Finish	Cat. No.
Silver coloured	833.77.731

Loox downlights

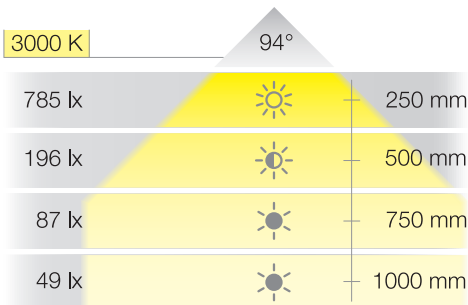
Recess mounted, IP65 rated, monochrome, drill hole Ø: 58 mm



Häfele Loox LED 2039



- > Dimmable: Yes
- > Material: Zinc alloy
- > Energy efficiency class: A
- > Degree of protection: IP65 after installation
- > Number of LEDs: 18
- > Mounting: For mounting in drilled hole, for clamp fixing
- > Drill hole Ø: 58 mm
- > Supplied with: 1 light with 4 m lead



12V Loox 12 V driver see page 137

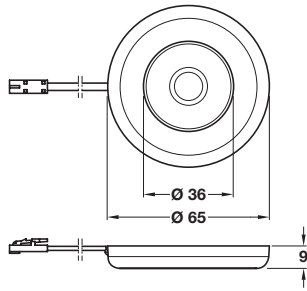
Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI R _a	Weighted energy consumption kWh/1000 h	Matt nickel plated	Chrome plated
V	K	W	lm	lm/W				
12V	3000	2.5	125	50	85	2.75	833.72.091	833.72.092

Loox downlights

Surface mounted, monochrome, Ø 65 mm



Häfele Loox LED 2027



- > Dimmable: Yes
- > Material: Aluminium and plastic, silver coloured
- > Diameter: 65 mm
- > Height: 9 mm
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 27
- > Mounting: Screw fixing
- > Supplied with: 1 light with 2 m lead, including fixing materials

3000 K	4000 K	5000 K	117°	
867 lx	884 lx	918 lx		250 mm
216 lx	221 lx	229 lx		500 mm
96 lx	98 lx	102 lx		750 mm
54 lx	55 lx	57 lx		1000 mm

12V Loox 12 V driver see page 137

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Weighted energy consumption	Cat. No.
V	K	W	lm	lm/W	R _a	kWh/1000 h	
12V	3000	2.6	190	73	85	2.86	833.72.050
	4000	2.6	208	80	85	2.86	833.72.051
	5000	2.6	218	84	85	2.86	833.72.050

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Loox downlights

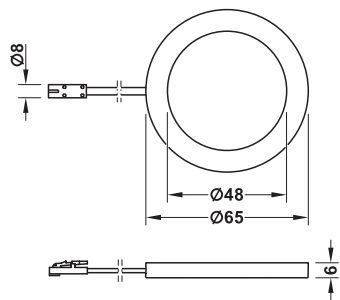
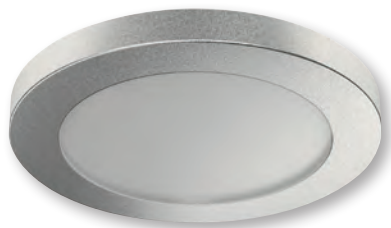
Surface mounted, monochrome, Ø 65 mm

7
YEARS

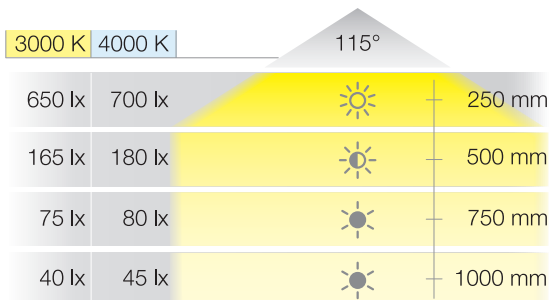
Häfele Loox LED 2050



EXTRA
SLIM
6 mm



- > Dimmable: Yes
- > Material: Plastic, silver coloured
- > Diameter: 65 mm
- > Height: 6 mm
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 8
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead, including fixing materials



12 V Loox 12 V driver see page 137

24 V Also available as 24 V light, see page 83

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Weighted energy consumption	Cat. No.
V	K	W	lm	lm/W	R _a	kWh/1000 h	
12 V	3000	2.5	170	68	90	2.75	833.74.040
	4000	2.5	180	72	90	2.75	833.74.041

Loox downlights

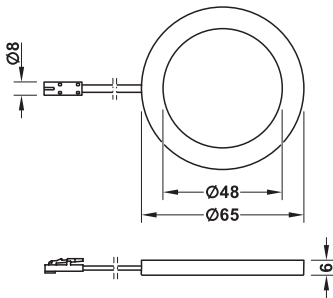
Surface mounted, monochrome, Ø 65 mm



Häfele Loox LED 3035



EXTRA SLIM
6 mm



- > Dimmable: Yes
- > Material: Plastic, silver coloured
- > Diameter: 65 mm
- > Height: 6 mm
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 8
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead, including fixing materials

3000 K	4000 K	115°	
650 lx	700 lx		250 mm
165 lx	180 lx		500 mm
75 lx	80 lx		750 mm
40 lx	45 lx		1000 mm

24 V Loox 24 V driver see page 139

12 V Also available as 12 V light, see page 82

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Weighted energy consumption	Cat. No.
V	K	W	lm	lm/W	R _a	kWh/1000 h	
24 V	3000	2.5	170	68	90	2.75	833.77.190
	4000	2.5	180	72	90	2.75	833.77.191

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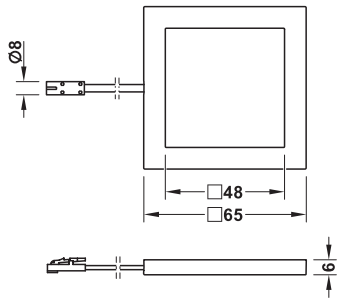
Loox downlights

Surface mounted, monochrome, 65 x 65 mm

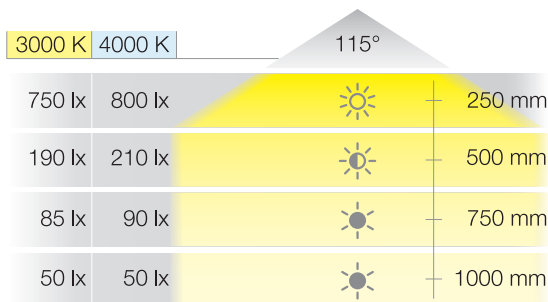
7
YEARS



Häfele Loox LED 2051



- > Dimmable: Yes
- > Material: Plastic, silver coloured
- > Length x width: 65 x 65 mm
- > Height: 6 mm
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 8
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead, including fixing materials



12V Loox 12 V driver see page 137

24V Also available as 24 V light see page 65

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Weighted energy consumption	Cat. No.
V	K	W	lm	lm/W	R _a	kWh/1000 h	
12V	3000	2.5	190	76	90	2.75	833.74.030
	4000	2.5	200	80	90	2.75	833.74.031

Loox downlights

Surface mounted, monochrome, 65 x 65 mm



LOOK GUIDE

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LIGHTS & MEDIA

2

DISTRIBUTION

3

SWITCHES

4

POWER

LOOK5 GUIDE

1

LIGHTS & MEDIA

2

DISTRIBUTION

3

CONNECT MESH

4

SWITCHES

5

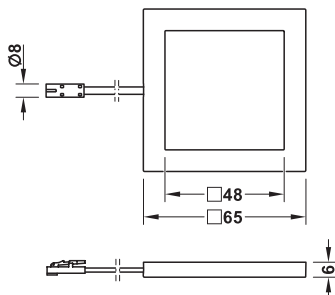
POWER

TECHNICAL ADVICE

Häfele Loox LED 3036



EXTRA SLIM
6 mm



- > Dimmable: Yes
- > Material: Plastic, silver coloured
- > Length x width: 65 x 65 mm
- > Height: 6 mm
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 8
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead, including fixing materials

3000 K	4000 K	115°	
750 lx	800 lx	250 mm	
190 lx	210 lx	500 mm	
85 lx	90 lx	750 mm	
50 lx	50 lx	1000 mm	

24 V Loox 24 V driver see page 139

12 V Also available as 12 V light see page 64

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Weighted energy consumption	Cat. No.
V	K	W	lm	lm/W	R _a	kWh/1000 h	
24 V	3000	2.5	190	76	90	2.75	833.77.180
	4000	2.5	200	80	90	2.75	833.77.181

Loox downlights

Surface mounted, monochrome, Ø 180 mm

7
YEARS

1

LIGHTS
& MEDIA

2

DISTRIBUTION

3

SWITCHES

4

POWER

Häfele Loox LED 3023



EXTRA
SLIM

LOOX5
GUIDE

1

LIGHTS
& MEDIA

2

DISTRIBUTION

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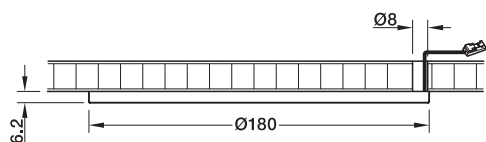
CONNECT
MESH

4

SWITCHES

5

POWER



- > Dimmable: Yes
- > Material: Plastic, silver coloured
- > Height: 6.2 mm
- > Energy efficiency class: A++
- > Degree of protection: IP20
- > Number of LEDs: 77
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead, including fixing materials

3000 K 4000 K

110°

3000 K	4000 K	Beam angle	Distance
1874 lx	2273 lx	☀️	250 mm
468 lx	568 lx	☀️	500 mm
208 lx	252 lx	☀️	750 mm
117 lx	142 lx	☀️	1000 mm



24 V

Loox 24 V driver see page 139

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Weighted energy consumption	Cat. No.
V	K	W	lm	lm/W	R _a	kWh/1000 h	
24 V	3000	4.8	362	75	82	5.50	833.77.130
	4000	4.8	408	85	82	5.50	833.77.131

Loox downlights

Surface mounted, monochrome, 205 x 205 mm



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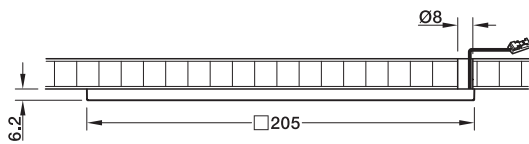
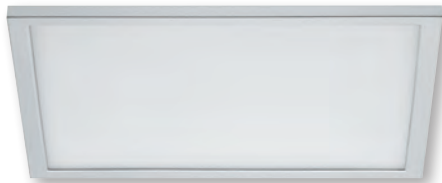
POWER

TECHNICAL ADVICE

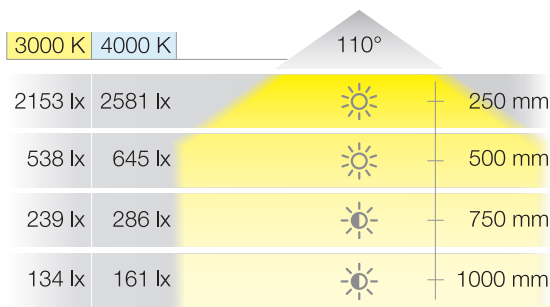
Häfele Loox LED 3025



EXTRA SLIM



- > Dimmable: Yes
- > Material: Plastic, silver coloured
- > Length x width: 205 x 205 mm
- > Height: 6.2 mm
- > Energy efficiency class: A++
- > Degree of protection: IP20
- > Number of LEDs: 70
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead, including fixing materials



24V Loox 24 V driver see page 139

Voltage V	Colour temperature K	Wattage W	Luminous flux lm	Luminous efficacy lm/W	Colour rendering index CRI R _a	Weighted energy consumption kWh/1000 h	Cat. No.
24V	3000	5.8	430	74	82	7.15	833.77.120
	4000	5.8	530	91	82	7.15	833.77.121

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Loox battery-operated downlights

Surface mounted, USB rechargeable, monochrome, 120 x 65 mm



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Häfele Loox LED 9004

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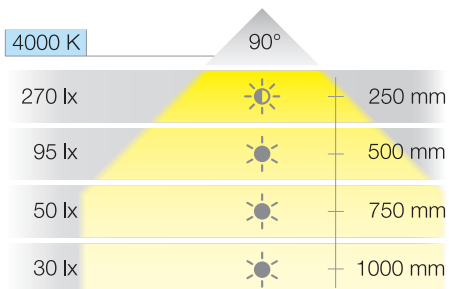
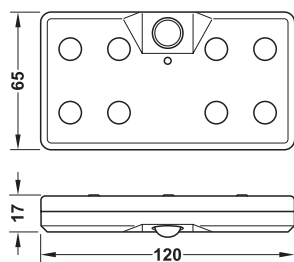
CONNECT
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POWER



- > Version: With motion detector with built-in rechargeable lithium-ion battery
- > Material: Plastic, silver coloured
- > Length x width: 120 x 65 mm
- > Height: 17 mm
- > Energy efficiency class: A++
- > Degree of protection: IP20
- > Number of LEDs: 8
- > Sensor range: 0–2000 mm
- > Sensor angle: 120°
- > Delay time: 30 sec.
- > Operating time: 8 hrs.
- > Charging time: 3 hrs.
- > Two operating modes: Motion: permanently active motion detector
Auto: motion detector active with residual brightness of <5 lx
- > Mounting: Mounting plate for screw fixing; light for sliding on
- > Supplied with: 1 light with mounting plate for screw fixing and 0.8 m micro-USB cable



The light can be recharged using the supplied micro-USB cable

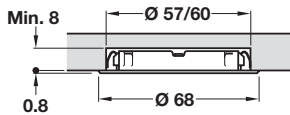
Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index	Cat. No.
K	W	lm	lm/W	CRI R _a	
4000	0.8	55	69	>90	833.87.021



Loox Compatible downlights

Recess or surface mounted, monochrome, drill hole Ø: 57-60 mm

Loox Compatible LED METRIS



Recess mounting

3250 K	4500 K	65°	
1160 lx	1400 lx		300 mm
500 lx	600 lx		500 mm

- > Dimmable: Yes
- > Material: Plastic housing
- > Energy efficiency class: A
- > Degree of protection: IP20
- > Mounting: For recess mounting, press-fit in Ø 57-60 mm hole
For surface mounting, order bezel separately
- > Drill hole Ø: 55 mm
- > Supplied with: 1 light with 2 m lead with Loox 12V connector, including fixing materials



12V

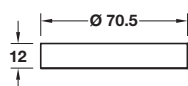
Loox 12 V driver see page 137



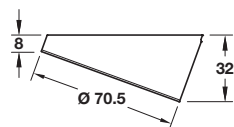
For surface mounting order bezels separately see page 91

Voltage	Number of	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Chrome coloured	Stainless steel coloured
V	LEDs	K	W	lm	lm/W	R _a		
12V	24	3250	1.6	192	120	80	833.31.221	833.31.021
		4500	1.6	192	120	80	833.31.220	833.31.020

Loox Compatible LED METRIS



Round bezel, surface mounting



Angled bezel, surface mounting



> Bezel for surface mounting, round, plastic

Colour	Cat. No.
Chrome	833.32.200
Stainless steel	833.32.000



> Bezel for surface mounting, angled, plastic

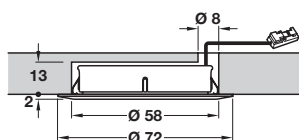
Colour	Cat. No.
Chrome	833.32.201
Stainless steel	833.32.001



Loox Compatible spot lights

Recess or surface mounted, monochrome, drill hole Ø: 58 mm

Loox Compatible LED SMALLY PLUS



Recess mounting

3000 K	4300 K	70°	
1100 lx	1250 lx		300 mm
400 lx	450 lx		500 mm

- > Dimmable: Yes
- > Material: Plastic housing
- > Energy efficiency class: A
- > Degree of protection: IP20
- > Mounting: For recess mounting, press-fit in Ø 58 mm hole
For surface mounting, order bezel separately
- > Drill hole Ø: 58 mm
- > Supplied with: 1 light with 2 m lead with Loox 12V connector, including fixing materials



12V

Loox 12 V driver see page 137



For surface mounting order bezels separately see page 93

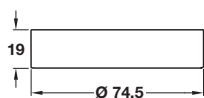


Plug and Play design -

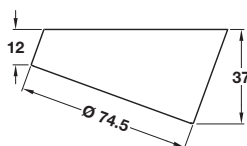
The Smally Plus power lead can be easily disconnected. This allows to simply connect or disconnect the spotlight, if necessary, even when it is already installed

Voltage	Number of LEDs	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI R _a	Chrome coloured	Stainless steel coloured	White coloured
V	LEDs	K	W	lm	lm/W				
12V	33	3000	3.0	360	120	>80	833.31.040	833.31.042	833.31.060
		4300	3.0	390	130	>80	833.31.041	833.31.043	833.31.061

Loox Compatible LED SMALLY PLUS



Round bezel, surface mounting



Angled bezel, surface mounting



> Bezel for surface mounting, round, plastic

Colour	Cat. No.
Chrome	833.31.050
Stainless steel	833.31.051
White	833.31.055



> Bezel for surface mounting, angled, plastic

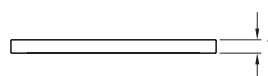
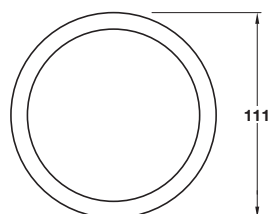
Colour	Cat. No.
Chrome	833.31.056
Stainless steel	833.31.057
White	833.31.058



Loox Compatible downlights

Surface mounted, monochrome, Ø 111 mm

Loox Compatible LED SALLY



3000 K	4000 K	70°	
1000 lx	1000 lx		300 mm
400 lx	400 lx		500 mm

- > Dimmable: Yes
- > Material: Plastic, silver coloured
- > Height: 7.0 mm
- > Energy efficiency class: A
- > Degree of protection: IP20
- > Number of LEDs: LED module with a laser etched panel provides a no-dot light effect
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead with Loox 24V connector, including fixing materials



24V

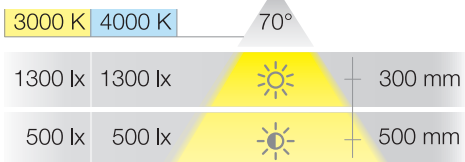
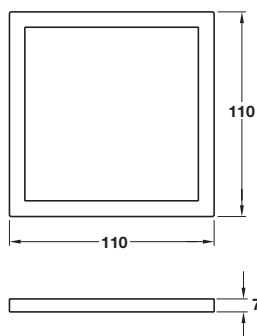
Loox 24 V driver see page 139

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI R _a	Cat. No.
V	K	W	lm	lm/W		
24V	3000	3.5	195	55	>80	833.04.172
	4000	3.5	195	55	>80	833.04.173

Loox Compatible downlights

Surface mounted, monochrome, 110 x 110 mm

Loox Compatible LED HARRY



- > Dimmable: Yes
- > Material: Plastic, silver coloured
- > Height: 7.0 mm
- > Energy efficiency class: A
- > Degree of protection: IP20
- > Number of LEDs: LED module with a laser etched panel provides a no-dot light effect
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead with Loox 24V connector, including fixing materials

24V Loox 24 V driver see page 139

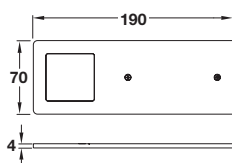
Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI R _a	Cat. No.
V	K	W	lm	lm/W		
24V	3000	3.5	230	65	>80	833.04.170
	4000	3.5	230	65	>80	833.04.171

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Loox Compatible downlights

Surface mounted, monochrome, 70 x 190 mm

Loox Compatible LED POLAR FLAT



3100 K	4000 K	70°	
1800 lx	2000 lx		300 mm
650 lx	760 lx		500 mm

- > Dimmable: Yes
- > Material: Aluminium
- > Height: 4.0 mm
- > Energy efficiency class: A++
- > Degree of protection: IP20
- > Number of LEDs: Silver anodised: multi diodes; 24
Black: LED module with a laser etched panel provides a no-dot light effect
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead with Loox 24V connector, including fixing materials



24V

Loox 24 V driver see page 139

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Silver anodised	Black
V	K	W	lm	lm/W	R _a		
24V	3100	5.0	375	75	80	833.04.130	833.04.210
	4000	5.0	400	80	80	833.04.131	833.04.211

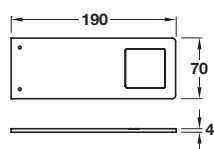
Loox Compatible downlights

Surface mounted, monochrome, 70 x 190 mm

Loox Compatible LED POLAR UP



EXTRA FLAT



- > Area of application: Surface mounting, for over cabinet lighting
- > Dimmable: Yes
- > Material: Aluminium
- > Height: 4.0 mm
- > Energy efficiency class: A
- > Degree of protection: IP20
- > Number of LEDs: 24
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead with Loox 24V connector, including fixing materials

3100 K	4000 K	70°	300 mm
1800 lx	2000 lx		
650 lx	760 lx	500 mm	

24V Loox 24 V driver see page 139

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Cat. No.
V	K	W	lm	lm/W	R _a	
24V	3100	5.0	375	75	80	833.04.150
	4000	5.0	400	80	80	833.04.151

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Loox Compatible downlights

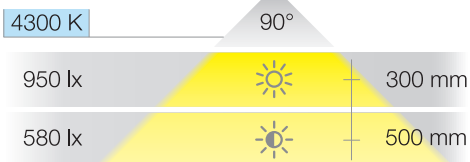
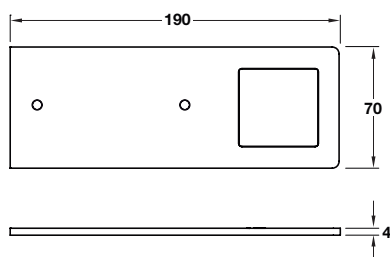
Surface mounted, multi-white, 70 x 190 mm



Loox Compatible LED POLAR TW



EXTRA
FLAT



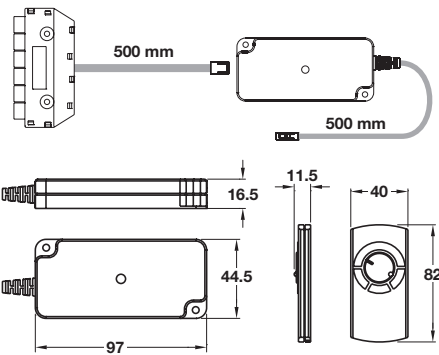
- > Dimmable: Yes
- > Material: Aluminium/plastic
- > Height: 4.0 mm
- > Energy efficiency class: A
- > Degree of protection: IP20
- > Number of LEDs: TW LED module
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead with Loox 24V connector, including fixing materials

24V Loox 24 V driver see page 139

Order Magic Tune receiver and remote control separately see page 99

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI R _a	Cat. No.
V	K	W	lm	lm/W		
24V	3100 6000	3.5	270	75	80	833.04.217

Magic Tune for Loox Compatible POLAR TW



- > Area of application: Can be used to turn the lights on and off and to adjust the brightness and colour of Tunable White lights
- > Version: The single channel wireless remote control transmits on an independent frequency without interfering with any other RGB wireless remote controls present within the operating area
- > Dimmable: Yes
- > Wattage: 60 W
- > Supplied with: 1 Tunable white receiver
1 Remote control

Voltage	Colour	Cat. No.
24 V	White	833.04.701

➔ For use with Loox compatible 24V Polar TW light, order separately see page 98



24V power supply (not included)

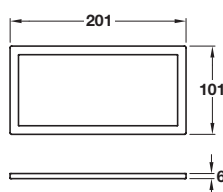


- +** **Interconnecting lead**
 - > Application: For connecting driver to the lights, as an extra extension
 - > Length: 2000 mm
 - > Colour: White
- | Interconnecting lead | Cat. No. |
|----------------------|------------|
| | 833.04.700 |

Loox Compatible downlights

Surface mounted, monochrome, 101 x 201 mm

Loox Compatible LED Titan



3000 K	4000 K	70°
1350 lx	1600 lx	300 mm
500 lx	585 lx	500 mm

- > Area of application: Surface mounting, for under cabinet lighting
- > Dimmable: Yes
- > Material: Aluminium
- > Height: 6.0 mm
- > Energy efficiency class: A
- > Degree of protection: IP20
- > Number of LEDs: 54
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead with Loox 12V connector, including fixing materials



12V

Loox 12 V driver see page 137

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Cat. No.
V	K	W	lm	lm/W	R _a	
12V	3000	6.0	240	40	90	833.38.110
	4000	6.0	270	45	90	833.38.111

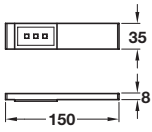


Loox Compatible downlights

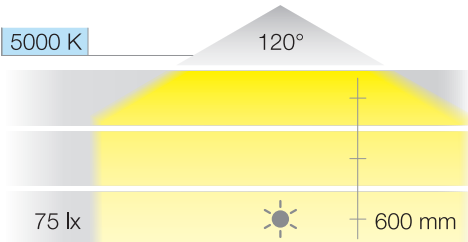
Surface mounted, monochrome, 35 x 150 mm



Loox Compatible LED Slimline bar downlight



- > Area of application: Surface mounting, for under cabinet lighting
- > Dimmable: Yes
- > Material: Aluminium with clear light cover
- > Height: 8.0 mm
- > Energy efficiency class: A++
- > Degree of protection: IP20
- > Number of LEDs: 3
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2.5 m lead with Loox 12V connector, 250 mm output lead with female connectors, including fixing materials



12 V

Loox 12 V driver see page 137

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Cat. No.
V	K	W	lm	lm/W	R _a	
12 V	5000	1.2	85	71	80	833.01.210

Loox Compatible downlights

Recess or surface mounted, monochrome

Loox Compatible LED round



Bezel included, discard for recess mounting



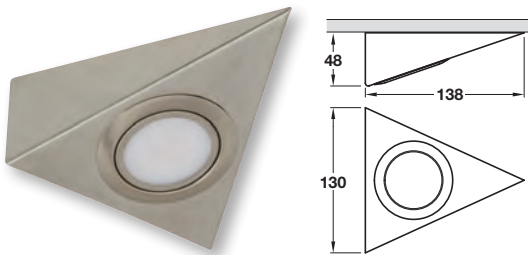
3000 K		6500 K			
820 lx	900 lx			☀	250 mm
208 lx	220 lx			☀	500 mm
92 lx	95 lx			☀	750 mm
50 lx	55 lx			☀	1000 mm

- > Dimmable: Yes
- > Material: Steel
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 12
- > Mounting: For recess mounting press-fit in Ø 56 mm hole, bezel must be discarded
For surface mounting screw fix bezel (included) must be used
- > Drill hole Ø: 56 mm
- > Supplied with: 1 light with 5.0 m lead with Loox 12V connector, bezel, including fixing materials
Set includes lights, 1 driver and mains lead

12V Loox 12 V driver see page 137

Voltage V	Colour temperature K	Wattage W	Luminous flux lm	Luminous efficacy lm/W	Colour rendering index CRI R _a	Brushed nickel	
						Single light	3x light set
12V	3000	2.2	155	65	80	833.01.670	833.01.672
	6500	2.4	168	70	80	833.01.671	833.01.673

Loox Compatible LED triangular wedge



3000 K		6500 K			
820 lx	900 lx			☀	250 mm
208 lx	220 lx			☀	500 mm
92 lx	95 lx			☀	750 mm
50 lx	55 lx			☀	1000 mm

- > Dimmable: Yes
- > Material: Steel
- > Energy efficiency class: A++
- > Degree of protection: IP20
- > Number of LEDs: 12
- > Mounting: For surface mounting
- > Supplied with: 1 light with 1.5 m lead with Loox 12V connector, bezel, including fixing materials
Set includes lights, 1 driver and mains lead

12V Loox 12 V driver see page 137

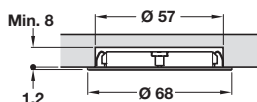
Voltage V	Colour temperature K	Wattage W	Luminous flux lm	Luminous efficacy lm/W	Colour rendering index CRI R _a	Brushed nickel	
						Single light	3x light set
12V	3000	2.2	155	65	80	833.01.660	833.01.662
	6500	2.4	168	70	80	833.01.661	833.01.663



Loox Compatible downlights

Recess or surface mounted, monochrome, drill hole Ø: 57 mm

Loox Compatible LED ATOM



Recess mounting

3000 K	4000 K	70°	
1000 lx	1100 lx		300 mm
370 lx	390 lx		500 mm

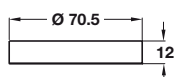
- > Not dimmable
- > Material: Plastic
- > Energy efficiency class: A
- > Degree of protection: IP20
- > Number of LEDs: LGP LED module
- > Mounting: For recess mounting, press-fit in Ø 57 mm hole
For surface mounting, order bezel separately
- > Drill hole Ø: 57 mm
- > Supplied with: 1 light with 2 m lead with Loox 12V connector, including fixing materials

24 V Loox 24 V driver see page 139

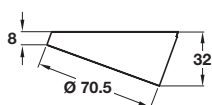
For surface mounting order bezels separately see page 105

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Satin nickel	Chrome plated	Black
V	K	W	lm	lm/W	R _a			
24 V	3000	3.0	180	60	>80	833.01.234	833.01.236	833.01.238
	4000	3.0	195	65	>80	833.01.235	833.01.237	833.01.239

Loox Compatible LED ATOM



Round bezel, surface mounting



Angled bezel, surface mounting



> Bezel for surface mounting, round, plastic

Colour	Cat. No.
Black	833.01.758
Chrome	833.32.200
Stainless steel	833.32.000



> Bezel for surface mounting, angled, plastic

Colour	Cat. No.
Black	833.01.759
Chrome	833.32.201
Stainless steel	833.32.001



Loox flexible spot lights

Surface mounted, monochrome with USB charging station



Häfele Loox LED 2034



WITH USB CHARGING STATION

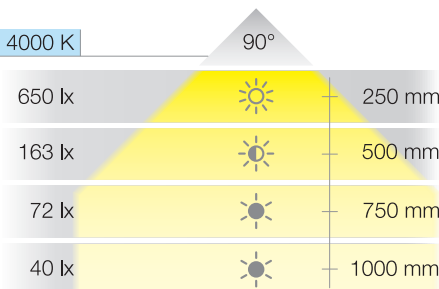
- > Dimmable: Yes
- > Version: Integrated twin USB charging station 5 V / 2 A, integrated push switch for 2 brightness levels
- > Material: Aluminium
- > Length x width: 450 x 50 mm
- > Height: 15.5 mm
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 3
- > Colour temperature: 4000 K (cool white)
- > Wattage: Max. 17 W (light: 1.5)
- > Luminous flux: 105 lm
- > Luminous efficacy: 70 (lm/W)
- > Mounting: For screw fixing beneath magnetic cover
- > Supplied with: 1 light with 2 m lead, including fixing materials



12 V Loox 12 V driver see page 137. Min. 20 W driver per light for optimum operation of the USB charging station.

Voltage	Colour rendering index CRI R_a	Weighted energy consumption kWh/1000 h	Finish/colour	Cat. No.
12 V	82	1.65	Black	833.74.097
			Chrome plated	833.74.096

Voltage	Colour rendering index CRI R_a	Weighted energy consumption kWh/1000 h	No. of lights included in packed set	Cat. No.
Set includes chrome-plated light(s), 1x driver and mains lead				
12 V	82	1.65	1	833.71.397
			2	833.71.398



Loox flexible spot lights

Surface mounted, monochrome



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POWER

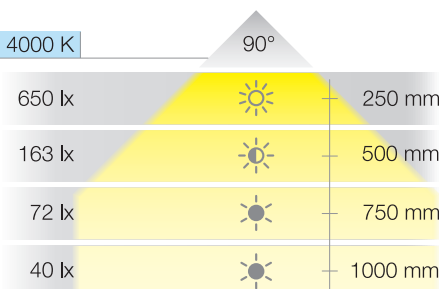
TECHNICAL ADVICE

Häfele Loox LED 2035



- > Dimmable: Yes
- > Version: Integrated push switch for 2 brightness levels
- > Material: Aluminium
- > Length x width: 450 x 50 mm
- > Height: 15.5 mm
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 3
- > Colour temperature: 4000 K (cool white)
- > Wattage: 1.5 W
- > Luminous flux: 105 lm
- > Luminous efficacy: 70 (lm/W)
- > Mounting: For screw fixing beneath magnetic cover
- > Supplied with: 1 light with 2 m lead, including fixing materials

12V Loox 12 V driver see page 137



Voltage	Colour rendering index CRI R _a	Weighted energy consumption kWh/1000 h	Finish/colour	Cat. No.
12V	82	1.65	Black	833.74.153
			Chrome plated	833.74.152

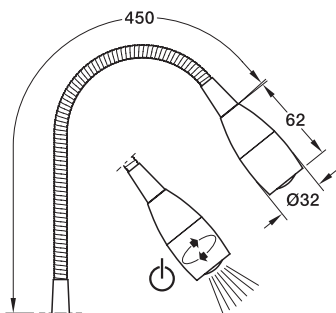
LOOK LIGHTING 2020. © Häfele U.K. Ltd 2020. Dimensional data not binding. We reserve the right to alter specifications without notice.

Loox flexible spot lights

Surface mounted, monochrome



Häfele Loox LED 2018



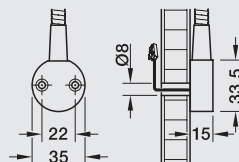
- > Not dimmable
- > Version: With integrated rotary switch on light head
- > Material: Aluminium, silver coloured anodised
- > Diameter: 32 mm
- > Energy efficiency class: A
- > Degree of protection: IP20
- > Number of LEDs: 1
- > Colour temperature: 3000 K
- > Wattage: 2 W
- > Luminous flux: 89 lm
- > Luminous efficacy: 45 lm/W
- > Mounting: Surface mounted or recess mounted
- > Drill hole Ø: 35 mm
- > Supplied with: 1 LED light with 2 m lead, including fixing materials



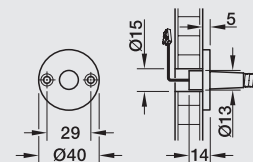
Surface mounted



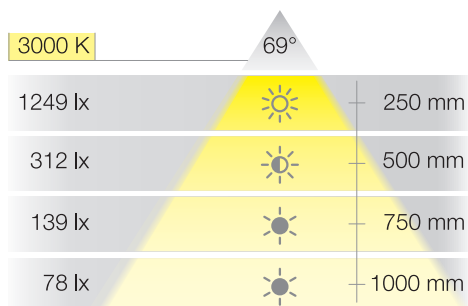
Recess mounted



Surface mounted



Recess mounted



12V Loox 12 V driver see page 137

Voltage	Colour rendering index CRI R _a	Weighted energy consumption kWh/1000 h	Length mm	Installation	Cat. No.
12V	81	2.20	545.5	Surface mounted	833.74.100
			526	Recessed	833.74.110

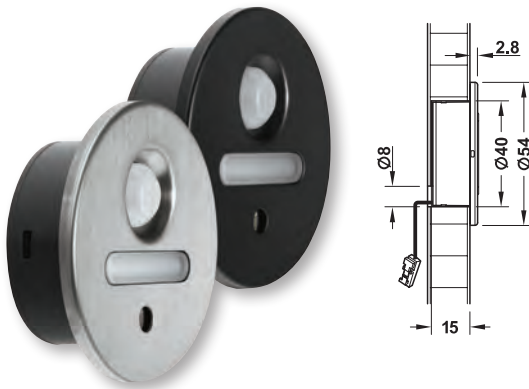
LOOX LIGHTING 2020. © Häfele U.K. Ltd 2020. Dimensional data not binding. We reserve the right to alter specifications without notice.

Loox sensor-controlled lights

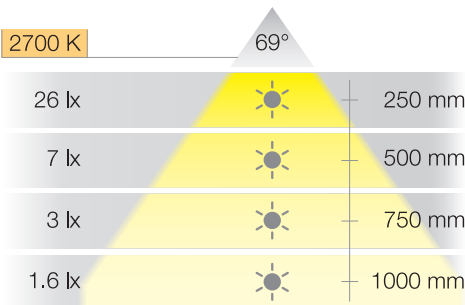
Recess mounted, monochrome, drill hole Ø: 40 mm



Häfele Loox LED 2028 with motion detector



- > Not dimmable
- > Material: Stainless steel, plastic
- > Version: With motion detector active from a decreasing ambient light of 15 lx
- > Energy efficiency class: A+
- > Degree of protection: IP44
- > Delay time: approx. 2 min.
- > Sensor range: 0–3000 mm
- > Number of LEDs: 3
- > Mounting: For mounting in drilled hole
- > Drill hole Ø: 40 mm
- > Supplied with: 1 light with 2 m lead, including fixing materials



12V Loox 12 V driver see page 137

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficiency	Colour rendering index CRI	Weighted energy consumption kWh/1000 h	Black	Matt
V	K	W	lm	lm/W	R _a			
12V	2700	0.3	4	13	90	0.37	833.73.111	833.73.110

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Loox Media

Charging stations

ESC 2002 inductive charging station	> Page 111
ESC 2001 USB charging station, modular	> Page 111



Sound systems

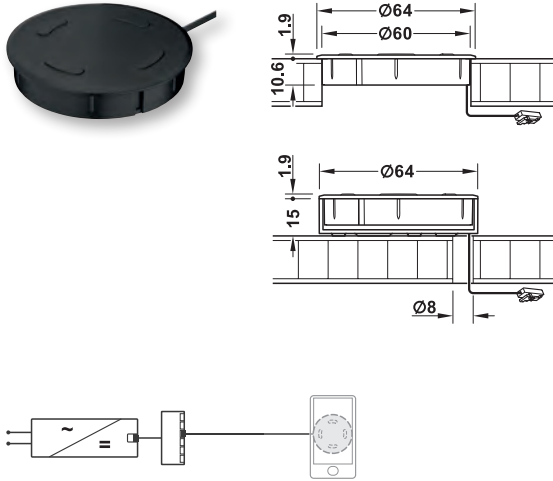
105 sound system	> Page 112
420 E sound system, exciter speakers	> Page 113





Charging stations

Häfele Loox ESC 2002 inductive charging station – for 12 V system



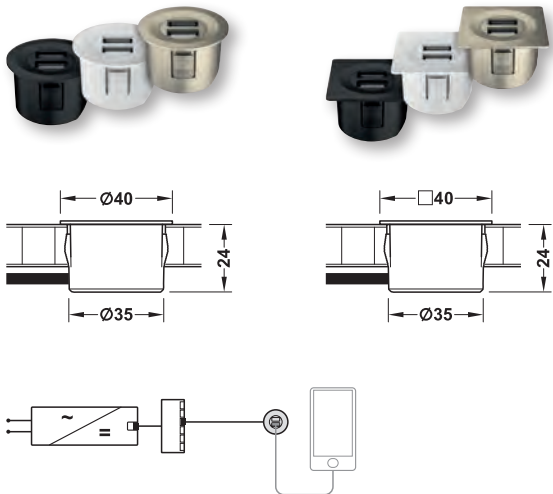
- > Material/colour: Plastic, matt black
- > Diameter: 64
- > Charging current: 1 A
- > Output voltage: 5 V
- > Standby power consumption: 0.3 W
- > Power consumption: Max. 10 W
- > Standard: WPC compatible
- > Supplied with: 1 inductive charging station with mounting ring and 2 m lead

Voltage V		Cat. No.
12V	ESC 2002 inductive charging station	833.73.776

! Drill hole Ø for plug: 8 mm

12V Loox 12 V driver see page 137

Häfele Loox ESC 2001 USB charging station, modular – for 12 V system



- > Material: Plastic, matt
- > Output voltage: 5 V
- > Output current: 2 A
- > Power consumption: Max. 15 W
- > Drill hole Ø: 35 mm
- > Mounting: For mounting in drilled hole, for clamp fixing
- > Supplied with: 1 USB charging station

Colour	Round	Square
Black	833.73.751	833.73.754
Nickel plated	833.73.753	833.73.756
White	833.73.752	833.73.755

! Please order lead separately, shown below

+ Lead with snap-in connector, to connect device to driver:

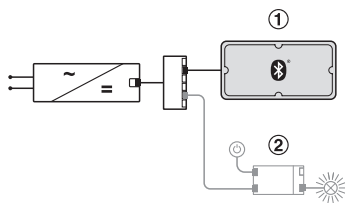
Voltage	Length mm	Cat. No.
5 12V	500	833.72.880
	1000	833.72.881
	2000	833.72.882

12V Loox 12 V driver see page 137

Sound systems

7
YEARS

105 sound system



- ① Sound system
② 3-way distributor with switching function



- > Version: No separate speaker is required. Installation is quick and easy
- > Material/finish: Plastic, black
- > Dim. (L x W x H): 140 x 66 x 25 mm
- > Power consumption: Operation: 7 W, standby: <0.3 W
- > Music wattage: 5 W (RMS)
- > Reception range: Max. 10 m
- > Mounting: For screw fixing
- > Supplied with: 1 Bluetooth® receiver and 2 m lead

Voltage V		Straight-edged
12 V	105 sound system (Mono with integrated exciter speaker)	822.65.000

⚠ Please observe the installation regulations for bathrooms

🔌 12 V Loox 12 V driver see page 137

Sound systems



420 E sound system, exciter speakers



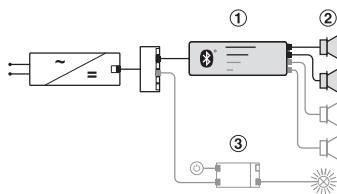
- > Material/finish: Plastic, black
- > Dim. (L x W x H): 140 x 45 x 15 mm
- > Power consumption: Operation with 2 exciter speakers: Max. 19 W, operation with 4 exciter speakers: Max. 32 W, standby: <0.3 W
- > Music wattage: Operation with 2 or 4 exciter speakers: 2 x 10 W (RMS)
- > Reception range: Max. 10 m
- > Mounting: For screw fixing
- > Supplied with: 1 Bluetooth® receiver with 2 m lead and 4 connections for exciter speakers, incl. 2 exciter speakers



Voltage V	Cat. No.
12 V	420 E sound system (stereo and 2 exciter speakers) 822.65.034

! Please observe the installation regulations for bathrooms!
Can be installed on glass and mirror glass (3–6 mm each), acrylic glass (3 mm), chipboard (10–20 mm) and mineral composite boards

12V Loox 12 V driver see page 137



- ① Sound system
- ② Exciter speaker
- ③ 3-way distributor with switching function

- +** **Exciter speaker**
- > **Dimensions:** Ø 65 x 22 mm
- > **Wattage:** Rated/music load capacity 4/15 W
- > **Mounting:** For screw fixing or for glue fixing
- > **Supplied with:** 1 exciter speaker with 1 m speaker lead

Cat. No.
Exciter speaker (wattage with 12 V plug system) 822.65.039

+ Please order extension lead 2 m 833.73.766 for exciter speaker separately see page 119

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Loox lighting systems

Plug and play technology

The heart of the Loox lighting system consists of the innovative and powerful drivers. The simple and flexible design of the system is reflected in the standardised plug and play technology, and makes it easy to integrate LED lighting in your furniture - for both series and individual furniture manufacture.

Loox drivers

Loox has a suitable driver with the right output for any system. The Loox drivers are suitable for the different voltages and frequencies that are found all over the world. Quality and safety are confirmed by certificates.

Other country specific mains leads are available - information on request



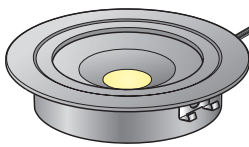
Loox distributors

Distributors are available for adding additional lights to the same driver.



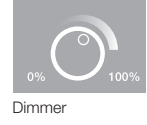
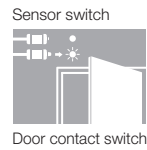
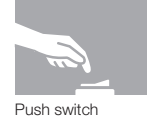
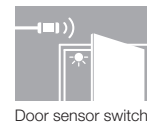
Loox lights

The Loox lighting system provides a wide range of LED lights for the different systems - 12V or 24V. Individual designs are available and make it possible to customise your furniture. The standard plug-in connection and the clear colour coding make the system easy to assemble and install.



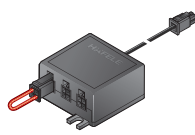
Loox switches

Connect the standard switches directly to the driver and reap the benefits of the fact that any switch is suitable for any driver (12V, or 24V). Additional control units are not needed.



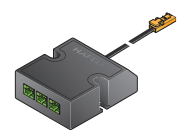
Loox multi switch and driver boxes

Multi switch boxes allow a driver to be operated by more than one switch. Multi driver boxes allow more than one driver to be controlled by just one switch.



Loox convertors

Convertors are also available and are necessary if lights with different voltage types and currents will share a driver.



Distribution

Distributor

 Häfele Loox 3-way distributor	> Page 117
Häfele Loox 6-way distributor	> Page 117



Häfele Loox converters

Converter 24 V to 12 V	> Page 118
Converter 350 mA to 12 V	> Page 118
Converter 12 V to 24 V	> Page 118



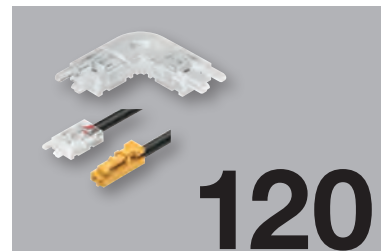
Extension leads

Extension lead	> Page 119
4-way extension lead	> Page 119



Leads and connectors for LED modular and strip lights

Leads for LED modular downlight	> Page 120
Leads for LED strip lights, monochrome, 8 mm	> Page 121
Leads for LED silicone strip light, monochrome, 8 mm	> Page 122





Loox distributors

Häfele Loox box to box 6-way distributor

Plug connection box to box

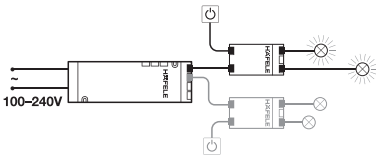
> The connection of the distributors with the driver can be done via a box to box plug-in connection or via an extension lead. Any number of distributors can be connected to the driver. Observe maximum wattage!



Häfele Loox 3-way distributor with switching function



3.5 A/20 AWG



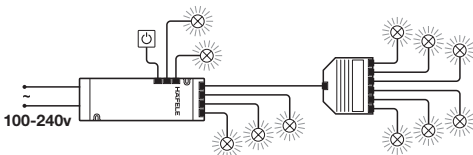
- > Version: For adding up to three lights with switching function
- > Power consumption: 0.1 W (stand-by)
- > Material: Plastic
- > Colour: Black
- > Dim. (L x W x H): 57 x 34 x 18 mm
- > Supplied with: 1 distributor with 200 mm lead with Loox connector

Voltage	Max. connected wattage W	With switching function
12 V	42	833.74.751
24 V	84	833.77.723

Häfele Loox 6-way distributor for connecting additional lights to one driver



3.5 A/20 AWG



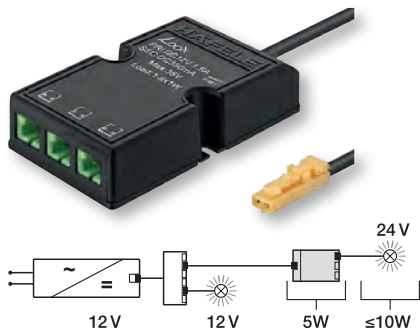
- > Version: With the 6-way distributor, 6 additional lights can be operated from one driver slot
- > Material: Plastic
- > Colour: Black
- > Dim. (L x W x H): 58.5 x 38 x 18 mm
- > Supplied with: 1 distributor with 2.0 m lead with Loox connector

Voltage	Cat. No.
12 V	833.74.798
24 V	833.77.724

Loox converters



Häfele Loox converter 24 V to 12 V – for connecting 24 V lights to the 12 V system



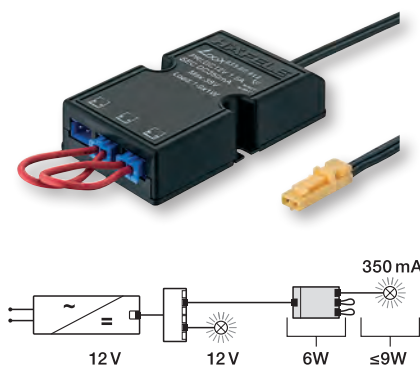
- > Application: Connecting 24 V lights to the 12 V system
- > Wattage: Input 15 W, output 10 W
- > Primary side: DC 12 V
- > Secondary side: DC 24 V
- > Number of output ports: 3 connections for 24 V lights
- > Supplied with: 1 converter with 200 mm lead

Dim. (L x W x H) mm	Standby power consumption W	Cat. No.
61 x 34 x 15	0.3	833.77.934

12 V Loox 12 V driver see page 137

Maximum possible connected rating of 10 W per converter

Häfele Loox converter 350 mA to 12 V – for connecting 350 mA lights to the 12 V system



- > Application: Connecting 350 mA lights to the 12 V system
- > Wattage: Input 15 W, output 9 W
- > Primary side: DC 12 V
- > Secondary side: DC 350 mA (min. 1 W, max. 9 W)
- > Number of output ports: 3 connections for 350 mA lights
- > Supplied with: 1 converter with 200 mm lead

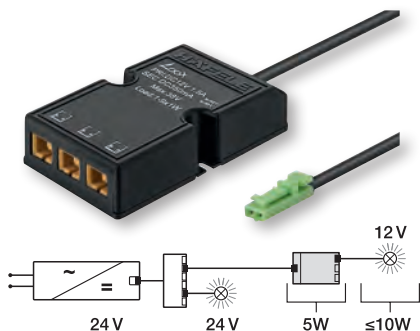
Dim. (L x W x H) mm	Standby power consumption W	Cat. No.
61 x 34 x 15 mm	0.2	833.80.912

12 V Loox 12 V driver see page 137

Maximum possible connected rating of 9 W per converter.

Cable bridge (alternative); 1 piece Cat. No. 833.80.720

Häfele Loox converter 12 V to 24 V – for connecting 12 V lights to the 24 V system



- > Application: Connecting 12 V lights to the 24 V system
- > Wattage: Input 15 W, output 10 W
- > Primary side: DC 24 V
- > Secondary side: DC 12 V
- > Number of output ports: 3 connections for 12 V lights
- > Supplied with: 1 converter with 200 mm lead

Dim. (L x W x H) mm	Standby power consumption W	Cat. No.
61 x 34 x 15 mm	0.3	833.74.947

24 V Loox 24 V driver see page 139

Maximum possible connected rating of 10 W per converter



Loox extension leads

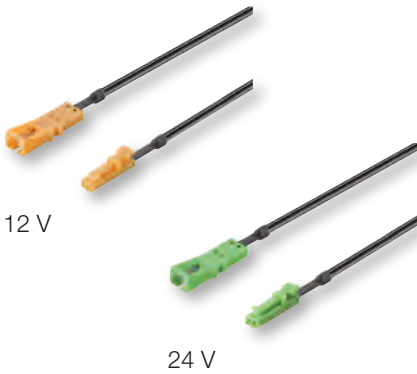
Häfele Loox extension leads



Maximum lead length from the Loox driver to the device is 10 m.

Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable. These lead to visible loss of brightness in the lights. The illuminance listed with the lights has been determined with the rated output voltage of the driver. (12 V or 24 V).

Häfele Loox extension leads



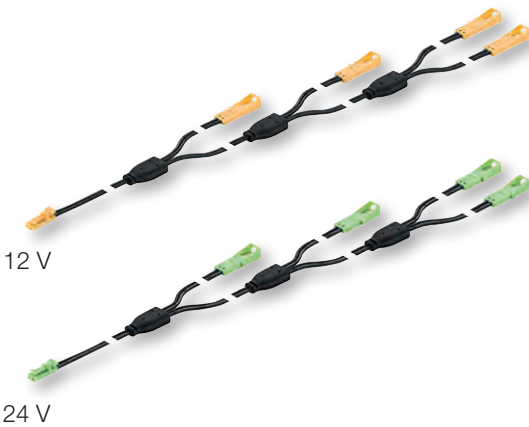
- > Area of application: For Loox lights and other 2-pin devices and distributors
- > Material: Plastic
- > Packing: 1 pc

Type of cable	Voltage	500 mm	1000 mm	2000 mm
3.5 A/20 AWG	12 V	833.73.764	833.73.765	833.73.766
	24 V	833.77.712	833.77.713	833.77.714



Total lead length from driver to light max. 6 m

Häfele Loox 4-way extension leads

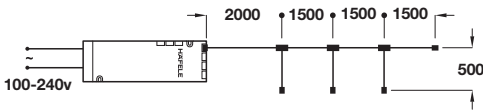


- > Area of application: Convenient extension for additional lights
- > Material: Plastic
- > Packing: 1 pc

Type of cable	Voltage	6500 mm
3.5 A/20 AWG	12 V	833.74.773
	24 V	833.77.813



Max. 4 lights per extension lead can be connected
Max. 2 extension leads can be coupled



Loox leads

For LED modular downlight



These leads are suitable for the following Loox lights:

12 V

LED 2025 / 2040 / 2090

Häfele Loox light to driver connecting lead for LED 2025/2040/2090 modular downlights



12 V

- > Version: For connecting downlights to driver
- > Material: Plastic
- > Supplied with: 1 plug for driver, 1 snap-in light connector

Voltage	Length mm	Cat. No.
12 V	500	833.72.880
	1000	833.72.881
	2000	833.72.882

Loox leads

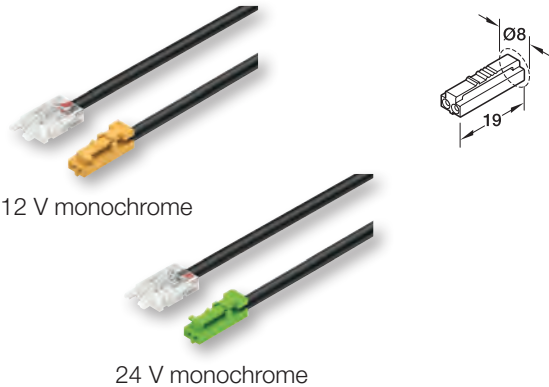
For LED strip light monochrome, 8 mm



➔ These leads are suitable for the following Loox lights:

- 12 V LED 2062 / 2065 / 2068
- 24 V LED 3042 / 3048 / 3050 / 3052

Häfele Loox light to driver lead for LED strip light monochrome, 8 mm



- > Current carrying capacity: Max. 5 A
- > Width: Clip 10 mm
- > Drill hole Ø: Plug 8 mm
- > Material: Plastic
- > Supplied with: 1 lead plug/clip

Voltage	Length mm	Cat. No.
12 V	2000	833.72.716
24 V		833.75.705

Häfele Loox interconnecting lead for LED strip light monochrome, 8 mm



- > Current carrying capacity: Max. 5 A
- > Width: Clip 10 mm
- > Drill hole Ø: Clip 12 mm
- > Supplied with: 1 lead clip/clip

Type of cable	Length mm	Cat. No.
Monochrome	50	833.89.191
(2-wire 18 AWG)	500	833.89.192
	2000	833.89.193

Häfele Loox clip connector for LED strip light monochrome, 8 mm



- > Current carrying capacity: Max. 5 A
- > Width: Clip 10 mm
- > Drill hole Ø: Clip 12 mm
- > Supplied with: 1 clip connector

Length mm	Cat. No.
33.5	833.89.206

Häfele Loox corner connector for LED strip light monochrome, 8 mm



- > Current carrying capacity: Max. 5 A
- > Supplied with: 1 corner connector

Length mm	Width mm	Cat. No.
24	24	833.89.187

Loox leads

For LED silicone strip light monochrome, 8 mm



These leads are suitable for the following Loox lights:

12 V LED 2030

Häfele Loox light to driver connecting lead for LED 2030 strip light monochrome, 8 mm



12 V monochrome

- > Version: For connecting LED 2030 silicone strip light
- > Width: Clip 12 mm
- > Material: Plastic
- > Supplied with: 1 lead plug/clip

Voltage	Length mm	Cat. No.
12 V	2000	833.73.775

Häfele Loox interconnecting lead for LED 2030 strip light monochrome, 8 mm



- > Version: For connecting LED 2030 silicone strip light
- > Width: Clip 12 mm
- > Material: Plastic
- > Supplied with: 1 lead clip/clip

Voltage	Length mm	Cat. No.
12 V	50	833.73.771
	500	833.73.772
	1000	833.73.773
	2000	833.73.774

Häfele Loox clip connector for LED 2030 strip light monochrome, 8 mm



- > Version: For connecting LED 2030 silicone strip light
- > Width: Clip 12 mm
- > Material: Plastic
- > Supplied with: 1 clip connector

Voltage	Cat. No.
12 V	833.73.730

Häfele Loox corner connector for LED 2030 strip light monochrome, 8 mm



- > Version: For connecting LED 2030 silicone strip light
- > Width: Clip 12 mm
- > Material: Plastic
- > Supplied with: 1 corner connector

Voltage	Cat. No.
12 V	833.73.736



Switches

Sensor switches

Sensor switch	> Page 125
Door sensor switch	> Page 125
Motion detector	> Page 125
Dimmer	> Page 126
Captive switch/dimmer	> Page 126
Housing for switch, surface mounted	> Page 126
Sensor switch, surface mounted	> Page 127
Door sensor switch, surface mounted	> Page 127
Dimmer, surface mounted	> Page 127
Lead for modular switches	> Page 129
Extension lead for switch	> Page 129



125

Mechanical switches

Door contact switch	> Page 128
Push switch	> Page 128
Rocker switch	> Page 128
Universal door contact switch	> Page 129
Extension lead for switch	> Page 129



128

Multi switch box, multi driver box

Multi switch box	> Page 132
Multi driver box	> Page 133



129

Remote receiver, remote switch

Premium 6-channel radio receiver	> Page 130
Basic 4-channel radio receiver	> Page 130
Remote switch	> Page 131



130

Drilling jig and cable channel

Drilling jig for Loox cables and switches	> Page 134
Cable channel	> Page 134



134

Symbol overview

Sensor switch

Touchless, soft on/off switching



Door sensor switch

Soft on/off switching



Motion detector

Automatic on/off switching



Dimmer

Soft on/off switching and dimming



Captive switch/dimmer

Touchless on/off switching and dimming



Universal door contact switch

On/off switching



Door contact switch

On/off switching,
door closed = light off,
door open = light on



Push switch

On/off switching



Rocker switch

On/off switching

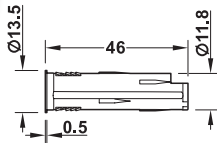


Sensor switches



Häfele Loox sensor switch, modular – touchless, soft on/off switching

TOUCHLESS



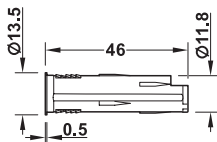
- > Material/colour: Plastic, silver coloured
- > Degree of protection: IP20
- > Sensor range: 0–80 mm
- > Power consumption: ≤0.3 W
- > Drill hole Ø: 12 mm
- > Supplied with: 1 switch

Sensor switch, modular	Cat. No. 833.89.127
------------------------	--------------------------------------

+ Please order lead with snap-in connector for modular switches to Loox driver separately. Cat. No. 833.89.142 see page 129

! On/off state is stored without the need for power supply (memory function).

Häfele Loox door sensor switch, modular – soft on/off switching

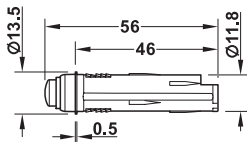


- > Material/colour: Plastic, silver coloured
- > Degree of protection: IP20
- > Sensor range: 0–100 mm
- > Power consumption: ≤0.3 W
- > Drill hole Ø: 12 mm
- > Supplied with: 1 switch

Door sensor switch, modular	Cat. No. 833.89.128
-----------------------------	--------------------------------------

+ Please order lead with snap-in connector for modular switches to Loox driver separately. Cat. No. 833.89.142 see page 129

Häfele Loox motion detector, modular – automatic on/off switching



- > Material/colour: Plastic, silver coloured
- > Degree of protection: IP20
- > Sensor range: 0–3000 mm
- > Sensor angle: 120 °
- > Power consumption: ≤0.1 W
- > Delay time: 30 sec.
- > Drill hole Ø: 12 mm
- > Supplied with: 1 motion detector

Motion detector, modular	Cat. No. 833.89.129
--------------------------	--------------------------------------

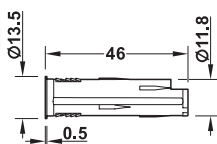
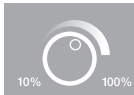
+ Please order lead with snap-in connector for modular switches to Loox driver separately. Cat. No. 833.89.142 see page 129

Sensor switches



Häfele Loox dimmer, modular – automatic on/off switching

WITH TOUCH/
TOUCHLESS



- > Material/colour: Plastic, silver coloured
- > Degree of protection: IP20
- > Power consumption: ≤ 0.3 W
- > Drill hole \varnothing : 12 mm
- > Supplied with: 1 dimmer

	Sensor range	Cat. No.
With touch	–	833.89.058
Touchless	0–60 mm	833.89.126

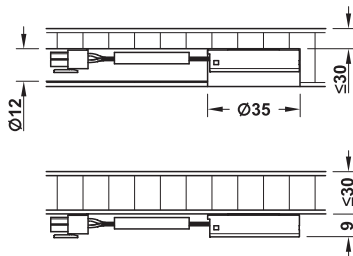
+ Please order lead with snap-in connector for modular switches to Loox driver separately. Cat. No. 833.89.142 see page 129

! Dimming value is stored without the need for voltage supply (memory function)

Häfele Loox capacitive switch/dimmer, modular – touchless on/off switching and dimming



This completely invisible operating solution opens up completely new possibilities in continuously adjustable light control



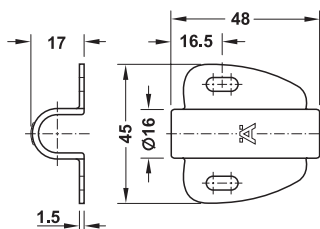
- > Manual operation (proximity sensor), memory function
- > Concealed installation in wood, glass or stone (not in metalliferous materials) at a maximum depth of 30 mm
- > For screw fixing or recess mounting (drill hole \varnothing 35 mm)
- > A distance of min. 500 mm to electromagnetic fields (power lines, microwave) must be adhered to.

- > Material/colour: Plastic, silver coloured
- > Diameter: 35 mm
- > Height: 10 mm
- > Degree of protection: IP20
- > Power consumption: ≤ 1 W
- > Supplied with: 1 switch

	Cat. No.
Capacitive switch/dimmer, modular	833.89.133

+ Please order lead with snap-in connector for modular switches to Loox driver separately. Cat. No. 833.89.142 see page 129

Housing for switch, surface mounted



- > Material/colour: Plastic, silver coloured
- > Supplied with: 1 housing
- > Application: For switch \varnothing 12 mm

\varnothing mm	Dim. (L x W x H) mm	Cat. No.
16	48 x 45 x 17	833.89.090
14	48 x 16 x 17.1	833.89.092

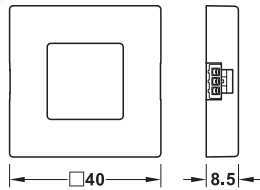
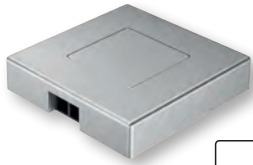
! Suitable for 32 mm series drilled holes

Sensor switches



Häfele Loox Sensor switch, surface mounted modular – touchless, soft on/off switching

TOUCHLESS



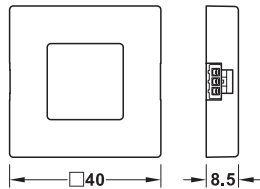
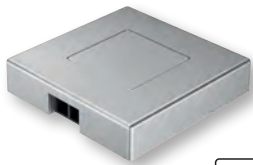
- > Material/colour: Plastic, silver coloured
- > Dim. (L x W x H): 40 x 40 x 8.5 mm
- > Degree of protection: IP20
- > Sensor range: 0–80 mm
- > Power consumption: ≤0.3 W
- > Supplied with: 1 switch with fixing material

	Cat. No.
Sensor switch, surface mounted modular	833.89.136

+ Please order lead with snap-in connector for modular switches driver separately. Length 2 m: Cat. No. 833.89.142 see page 129

! On/off state is stored without the need for power supply (memory function)

Häfele Loox Door sensor switch, surface mounted modular – soft on/off switching



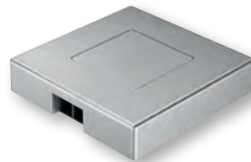
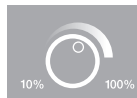
- > Material/colour: Plastic, silver coloured
- > Dim. (L x W x H): 40 x 40 x 8.5 mm
- > Degree of protection: IP20
- > Sensor range: 0–100 mm
- > Power consumption: ≤0.3 W
- > Supplied with: 1 switch with fixing material

	Cat. No.
Door sensor switch, surface mounted	833.89.137

+ Please order lead with snap-in connector for modular switches driver separately. Length 2 m: Cat. No. 833.89.142 see page 129

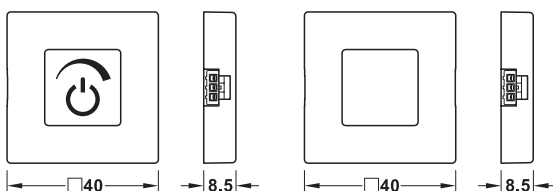
Häfele Loox Dimmer, surface mounted modular – soft on/off switching and dimming

WITH TOUCH/
TOUCHLESS



With touch function

Touchless



- > Material/colour: Plastic, silver coloured
- > Dim. (L x W x H): 40 x 40 x 8.5 mm
- > Degree of protection: IP20
- > Sensor range: 0–100 mm
- > Power consumption: ≤0.3 W
- > Supplied with: 1 switch with fixing material

	Sensor range	Cat. No.
With touch	–	833.89.134
Touchless	0–80 mm	833.89.135

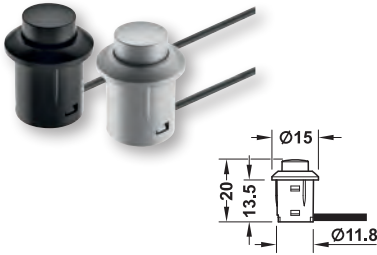
+ Please order lead with snap-in connector for modular switches driver separately. Length 2 m: Cat. No. 833.89.142 see page 129

! Dimming value is stored without the need for voltage supply (memory function)

Mechanical switches



Häfele Loox push switch – on/off switching

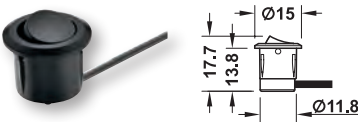


- > Drill hole Ø: 12 mm
- > Supplied with: 1 switch with 2 m lead

Material/colour:	Length mm	Cat. No.
Plastic, black	20	833.89.108
Plastic, grey		833.89.107

! Drill hole Ø for plug: 12 mm

Häfele Loox rocker switch – on/off switching

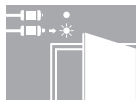
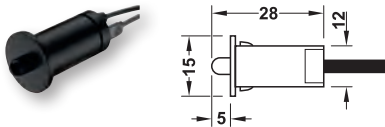


- > Material/colour: Plastic, black
- > Diameter: 15 mm
- > Height: 17.7 mm
- > Drill hole Ø: 12 mm
- > Supplied with: 1 switch with 2 m lead

	Cat. No.
Rocker switch	833.89.106

! Drill hole Ø for plug: 12 mm

Häfele Loox door contact switch – on/off switching



- > Degree of protection: IP20
- > Drill hole Ø: 12 mm
- > Supplied with: 1 switch with 2 m lead

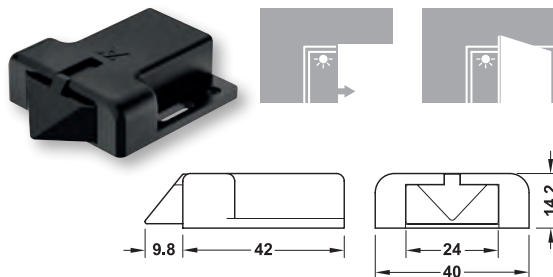
Material/colour	Length mm	Cat. No.
Plastic, black	28	833.89.059

! Drill hole Ø for plug: 12 mm

Mechanical switches



Häfele Loox universal door contact switch, modular – on/off switching



- > Material/colour: Plastic, black
- > Degree of protection: IP20
- > Supplied with: 1 switch with fixing material

Length x width mm	Height mm	Cat. No.
51.8 x 40	14.2	833.89.143

The universal door contact switch is suitable for hinged doors or single-leaf sliding doors

+ Please order lead with snap-in connector for modular switches driver separately. Length 2 m: Cat. No. 833.89.142

Häfele Loox lead with snap-in connector for modular switches



- > Degree of protection: IP20
- > Supplied with: 1 lead

Material/colour:	Length mm	Cat. No.
Plastic, black	500 mm	833.89.140
	1000 mm	833.89.141
	2000 mm	833.89.142

+ Required for modular switches

! Drill hole Ø for plug: 12 mm

Häfele Loox extension lead for switches



- > Area of application: Switches and modular switches
- > Drill hole Ø: Plug 12 mm
- > Supplied with: 1 extension lead plug/socket

Length mm	Cat. No.
2000	833.89.067

! The maximum lead length of a switch is 6 m

Remote receiver



Häfele Loox premium 6-channel radio receiver

- > For control of white LED lights
- > 3 lighting scenarios can be stored
- > Control several radio receivers within a radius of 15 m

- > Area of application: For controlling white LED lights
- > Version: 6 slots for consumers
- > Material: Plastic
- > Colour: Black
- > Supplied with: 1 radio receiver with 2 leads

Voltage	Max. connected wattage W	Cat. No.
12 V	60 (max. 30 per socket)	833.73.741
24 V	90 (max. 60 per socket)	833.77.785

+ Remote control for premium 6-channel radio receiver

- > **Application:** For controlling Loox 6-channel radio receivers for white LED lights
- > **Functionality:** Soft on/off with dimmer function
- > **Material:** Plastic
- > **Colour:** Black
- > **Packing:** 1 pc

	Cat. No.
Remote control	833.89.121

- ! Not suitable for multi-white or RGB LED lights
- Max. 10 radio receivers can be combined

Häfele Loox basic 4-channel radio receiver

- > For control of white LED lights
- > Control several radio receivers within a radius of 15 m

- > Area of application: For controlling white LED lights
- > Version: 4 slots for consumers
- > Material: Plastic
- > Colour: Black
- > Supplied with: 1 radio receiver with 2 leads

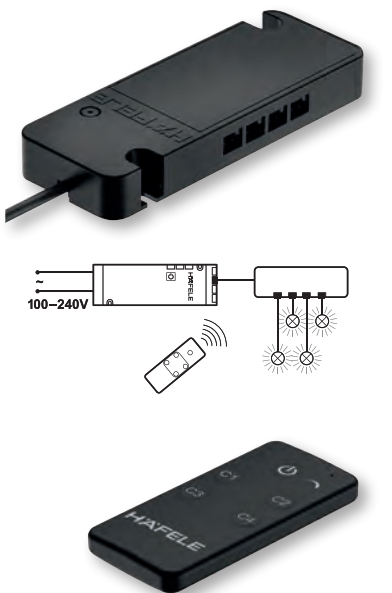
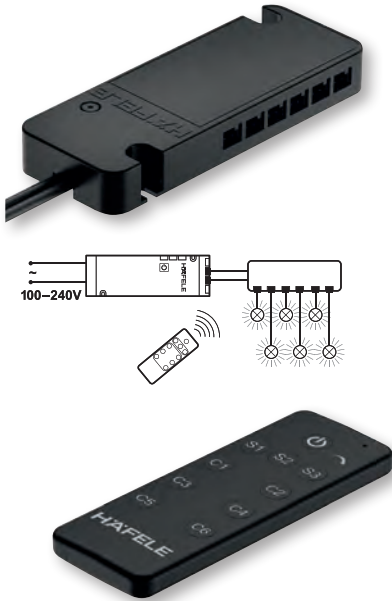
Voltage	Max. connected wattage W	Cat. No.
12 V	30 (max. 30 per socket)	833.73.740
24 V	60 (max. 60 per socket)	833.77.784

+ Remote control for basic 4-channel radio receiver

- > **Application:** For controlling Loox 4-channel radio receivers for white LED lights
- > **Functionality:** Soft on/off with dimmer function
- > **Material:** Plastic
- > **Colour:** Black
- > **Packing:** 1 pc

	Cat. No.
Remote control	833.89.120

- ! Not suitable for multi-white or RGB LED lights
- Max. 10 radio receivers can be combined



Remote switch



Häfele Loox remote switch



- > Area of application: To control all channels or one channel of Loox radio receiver for white LEDs
- > Version: Several radio receivers can be controlled within a radius of 15 m
Soft on/off
- > Mounting: For recess mounting, press-fit in Ø 40 mm hole
For surface mounting, order bezel separately
- > Height: 14.4 mm
- > Material: Plastic
- > Colour: Silver coloured
- > Supplied with: 1 radio receiver with 2 leads

	Cat. No.
Remote switch	833.89.122



> Bezel for surface mounting of remote switch

Colour	Cat. No.
Silver coloured	833.89.123

LOOK GUIDE

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LIGHTS & MEDIA

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DISTRIBUTION

3

SWITCHES

4

POWER

LOOK5 GUIDE

1

LIGHTS & MEDIA

2

DISTRIBUTION

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CONNECT MESH

4

SWITCHES

5

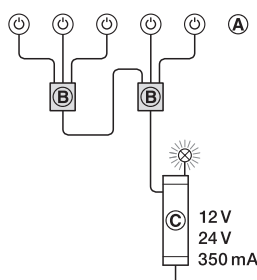
POWER

TECHNICAL ADVICE

Multi switch box



Häfele Loox multi switch box



- (A) Switch
- (B) Multi switch box
- (C) Driver

1 LED driver operated by up to 3 switches. Allows the LED driver or distributor with switching function to be switched on and off from different positions



Häfele Loox extension lead for switches



> Function:

2 operating modes can be selected using an integrated toggle switch.

Cross circuit: On/off switching at different switches

Deactivated cross circuit: Switching on with switch 1, 2 or 3. For switching off, all switches that were switched on have to be activated again

- > Material/colour: Plastic, black
- > Length x width: 55 x 45 mm
- > Height: 16 mm
- > Degree of protection: IP20
- > Supplied with: 1 multi switch box
With 1 m lead for switch

Standby power consumption W

≤0.3

Cat. No.

833.89.066

+ Lead from multi boxes to switching input

Length mm	Supplied with	Cat. No.
500	1 lead	833.89.068
2000	1 lead	833.89.069

! Drill hole Ø for plug: 12 mm

Alternative to the supplied 1 m lead for multi switch box.

The drill hole Ø for the male plug and the female socket of the switch leads is 12 mm

Cannot be used in combination with dimmer 833.89.043

> Length: 2000 mm

> Supplied with: 1 lead

Extension lead for switch	Cat. No.
Extension lead for switch	833.89.067

! Drill hole Ø for plug: 12 mm

Can also be used for the multi switch box and the multi driver box

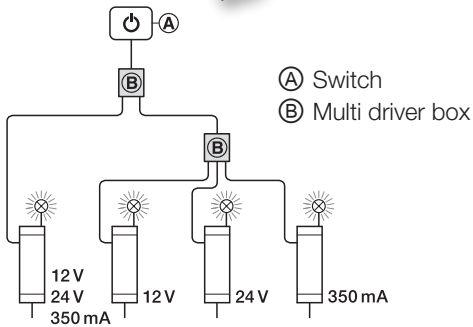
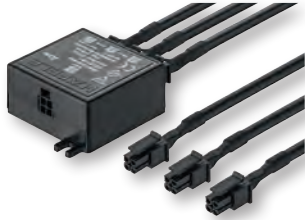
The maximum lead length of a switch is 6 m

The drill hole Ø for the male plug and the female socket of the switch leads is 12 mm

Multi driver box



Häfele Loox multi driver box



Up to 3 LED drivers with different voltages or distributors with a switching function can be controlled with 1 switch
 Several lights in the room can be switched on and off with one switch
 These can also be 3 of the same driver if you require additional power in a 12 V system, for example

- > Finish: Plastic, black
- > Length x width: 50 x 40 mm
- > Height: 19 mm
- > Supplied with: 1 multi driver box with 3 x 1 m lead for switch

Standby power consumption W	Cat. No.
1.5 W	833.89.061

! Max. 3 x 75 W per multi driver box.

+ Order alternative lead 833.89.068 or 833.89.069 separately as interconnecting lead to switch input of the driver see below

! Drill hole Ø for plug: 12 mm
 Alternative to the supplied three 1 m leads for multi driver box
 The drill hole Ø for the male plug and the female socket of the switch leads is 12 mm

Häfele Loox lead for multi boxes to switching input



- > Area of application: Multi switch box and multi driver box
- > Drill hole Ø: Plug 12 mm
- > Supplied with: 1 lead plug/plug

Length mm	Cat. No.
500	833.89.068
2000	833.89.069

Häfele Loox extension lead for switches



- > Length: 2000 mm
- > Supplied with: 1 lead

Extension lead for switch	Cat. No.
	833.89.067

! Drill hole Ø for plug: 12 mm
 Can also be used for the multi switch box and the multi driver box
 The maximum lead length of a switch is 6 m
 The drill hole Ø for the male plug and the female socket of the switch leads is 12 mm

Drilling jig for switches and cables



Häfele drilling jig for Loox cables and switches



> Compact design for already assembled furniture

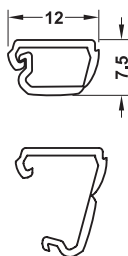


- > Area of application: Specially developed to drill precision holes in furniture side panels for cables and switches for Loox lights. Also for drilling holes for soft closing mechanisms, dowels, shelf supports or cruciform mounting plates.
- > For panel thickness: 16, 19 and 25 mm
- > Version: 5 mm sleeve drill holes for mounting plates
- > Length: 75 mm
- > Drilling sleeve: 8, 10 and 12 mm
- > Packing: 1 pc

	Cat. No.
Remote switch	001.25.080



Häfele Loox cable channel



- > Dim. (L x W x H): 2500 x 12 x 7.5 mm
- > Application: Concealing visible cables in furniture and cabinets
- > Supplied with: 1 cable channel with adhesive tape

Finish	Cat. No.
Black, RAL 9005	833.89.033
Brown, RAL 8007	833.89.023
White, RAL 9010	833.89.013



Loox power

Häfele Loox drivers 12 V

Constant voltage 12 V	> Page 137
Häfele Loox wall plug drivers 12 V	> Page 138
Main leads	> Page 140



Häfele Loox drivers 24 V

Constant voltage 24 V	> Page 139
Main leads	> Page 140



Loox drivers

12 V



Häfele Loox driver constant voltage 12 V



- > Application: For use with Loox and Loox Compatible 12V lights only
- > Version: With integrated controller
- > Colour: Black
- > Degree of protection: IP20
- > Input voltage: 100–240 V~; 50–60 Hz
- > Output voltage: DC 12 V
- > System wiring type: Parallel
- > Number of connections: 6x sockets Loox 12 V
1x sockets for switch
1x country-specific mains lead
- > Supplied with: 1 driver with mounting accessories

12V	Output power	Dim. (L x W x H)	Cat. No.
	W	mm	
With socket for switch			
1	0-20	140 x 50 x 16	833.74.960
2	0-40	190 x 60 x 16	833.74.962
3	0-60	208 x 56.5 x 30	833.74.913
Without socket for switch			
4	0-15	128 x 50.5 x 14	833.74.941

! For use with Loox or Loox compatible 12V lights, compatible with Loox5 lights if used with adapter 833.95.752

Maximum output 30W per port subject to driver capacity

Provide for sufficient air supply and circulation at the mounting location of the driver; we recommend 10 mm clearance

🔌 Loox mains leads must be ordered separately, shown below

Loox main leads, socket at cable: C7



- > Voltage: 250V
- > Material: Plastic
- > Colour: Black
- > Packing: 1 pc

Type	Length mm	Cat. No.
UK moulded plug	2000 5000	833.89.000 833.89.080
Bare ended	2000	833.89.009

🔌 Loox extension leads available to order separately see page 140

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Loox drivers

12 V, wall plug drivers



Häfele Loox wall plug driver 12 V

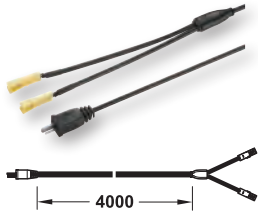


Driver 15 W UK
833.74.958

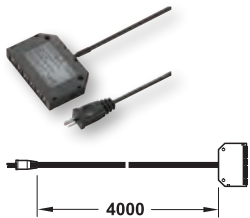
- > Colour: Black
- > Degree of protection: IP20
- > Input voltage: 100–240 V~; 50–60 Hz
- > Output voltage: DC 12 V
- > Standby power consumption: 0.1 W
- > Supplied with: 1 wall plug driver

Plug design/ designation	Output power W	Dim. (L x W x H) mm	Cat. No.
UK	15	78 x 49 x 60	833.74.958

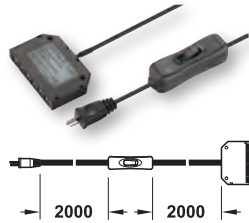
Häfele Loox leads 12 V



833.74.749



833.74.748



833.74.746

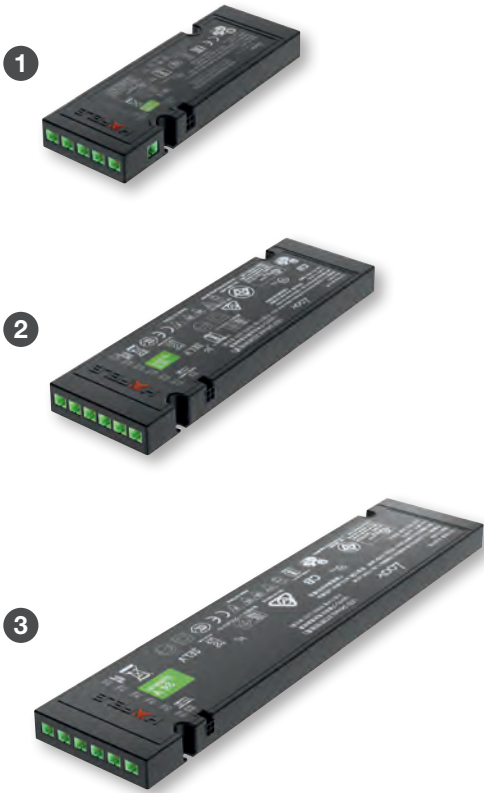
12 V	Plug design/ designation	Cat. No.
	4 m lead 2.5 A/22 AWG with 2 slots	833.74.749
	4 m lead 2.5 A/22 AWG with 6-way distributor	833.74.748
	4 m lead 2.5 A/22 AWG with rocker switch and 6-way distributor	833.74.746

Loox drivers

24 V



Häfele Loox driver constant voltage 24 V



- > Application: For use with Loox and Loox Compatible 12V lights only
- > Version: With integrated controller
- > Colour: Black
- > Degree of protection: IP20
- > Input voltage: 100–240 V~; 50–60 Hz
- > Output voltage: DC 12 V
- > System wiring type: Parallel
- > Number of connections: 6x sockets Loox 12 V
1x sockets for switch
1x country-specific mains lead
- > Supplied with: 1 driver with mounting accessories

24 V	Output power	Dim. (L x W x H)	Cat. No.
	W	mm	
With socket for switch			
1	0-20	140 x 50 x 16	833.77.945
2	0-40	190 x 60 x 16	833.77.947
3	0-90	316 x 70 x 16	833.77.949

! For use with Loox or Loox compatible 24V lights only
Maximum output 60W per port subject to driver capacity
Provide for sufficient air supply and circulation at the mounting location of the driver; we recommend 10 mm clearance

🔌 Loox mains leads must be ordered separately, shown below

Loox main leads, socket at cable: C7



833.89.000 UK



833.89.009 bare ended

- > Voltage: 250V
- > Material: Plastic
- > Colour: Black
- > Packing: 1 pc

Type	Length mm	Cat. No.
UK moulded plug	2000 5000	833.89.000 833.89.080
Bare ended	2000	833.89.009

🔌 Loox extension leads available to order separately see page 140

Mains leads



Loox mains leads, socket at cable: C7



833.89.000 UK

833.89.009 bare ended

- > Voltage: 250V
- > Material: Plastic
- > Colour: Black
- > Packing: 1 pc

Type		Length mm	Cat. No.
	UK moulded plug	2000	833.89.000
		5000	833.89.080
	Bare ended	2000	833.89.009

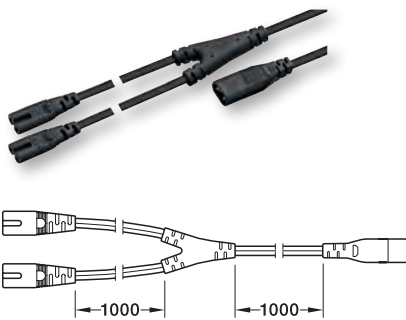
Loox extension leads, socket at cable: C7



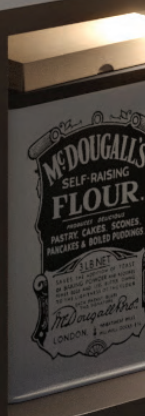
833.89.217

- > Voltage: 250V
- > Material: Plastic
- > Colour: Black
- > Packing: 1 pc

Type		Length mm	Cat. No.
	Extension	2000	833.89.220
	Y-extension	2000	833.89.217



833.89.220



Loox5 Lighting.

Our new generation of lighting.

Loox5 has been added to the range and offers benefits such as longer lengths of lighting runs, 24/7 operation and high quality LEDs using Samsung chip technology. Loox5 also comes with elements of interactivity for a true 'smart home', using the award-winning Häfele Connect Mesh system.



Loox5: The essence of four generations of LED light

With around 100,000 hours of design and operation of LED lighting, and copious amounts of research with furniture makers and industry specialists, Häfele's LED lighting brand, Loox, has gained an excellent reputation in the industry worldwide. Loox5, engineered by Häfele, is the essence of four generations of LED light and a significant step towards the successful implementation of smart lighting in furniture.

With Häfele, integrating light in furniture becomes as easy and matter of course as it is in the fridge. A new package tailored to the needs of the kitchen furniture industry, created from the components of the new Loox5 LED lighting system, makes installation an integral part of the industrial production process and therefore highly effective and easy to implement.

The integration of light becomes easy, easy in planning, easy in production and installation, and easy in the control and customisation of lighting via app, wall switch, and remote control.

Loox5 answers the questions that are driving our time. It's even easier, even better, and above all, much smarter than its predecessors. Loox5 pays tribute to the demands of the furniture industry with its high reliability, even with around-the-clock operation.

The new Häfele lighting system features a significant increase in performance, indispensable for linear lighting that is in great demand in the LED sector. Loox5, with its high-quality Samsung LEDs, shines with an extraordinary quality of light. It impresses with assembly that easily integrates into furniture production processes with its smart and easy-to-use light control and with its connectivity to third-party systems.



LED strip lights & profiles

With the strategic alliance with Samsung, Häfele is increasing the light quality across the Loox5 range, ensuring a uniform colour temperature across the entire system. A life time of 50,000 hours is guaranteed. With a large selection of recess mounted and surface mounted profiles, with small cross-sections and high-quality surface finishes, Häfele meets the increased demands of consumer trends. In addition to the finish colours silver and black, there are also surface mounted profiles in a brushed stainless-steel look.

Spotlights

Loox5 has the first spotlights with Samsung LED technology. They allow for a combination of linear lighting and spotlighting with a uniform colour temperature. These lights are available for 12V and 24V systems.

New modular furniture lights

The modular furniture lights range has now been extended with a variety of designs and colours, including lights for 58 and 26 mm drilled holes for recess mounted or downlight housings.

New driver with intuitive connections

At the heart of the system are new 12V drivers for both small and medium-sized installations and a 24V driver, for up to 270 Watts, for large installations. This top-of-the-range driver delivers an output current of 5A in safe continuous operation in up to 12m continuous lighting runs, perfectly suitable for shop installations where lighting is left on 24/7. An added safety feature is that it takes care of the system's safety monitoring, detecting overloaded installations and signalling them to the user.

High system performance requires high currents, and in order to transmit those safely, a new plug system has been developed for the 5A environment. As before, it is clearly colour and shape-

coded for error prevention, which aids installation.

Distribution and control in the Loox5 system is accomplished via linearly connected six-way distributors for monochromatic lights with connections for all standard wired switches and sensors from the Loox range. The Mesh six-way distributor for RGB, multi-white and monochromatic lights connects wirelessly with wireless remote controls, wall switches, or third-party wall switches and corresponding sensors. The six outputs on this intelligent distributor are individually configured, and also controlled if desired, via the Häfele Connect Mesh app. An interface for conventional switches is included as well.

Smart Home at its best with Häfele Connect Mesh

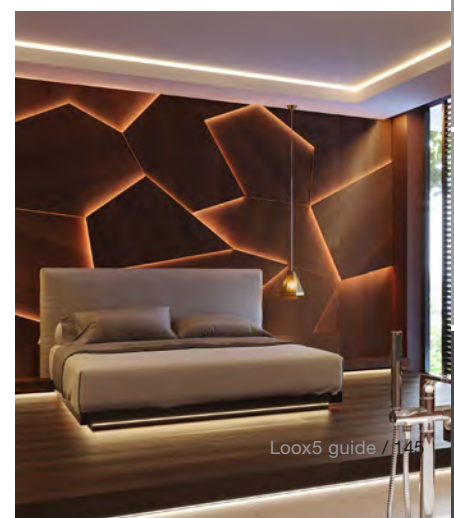
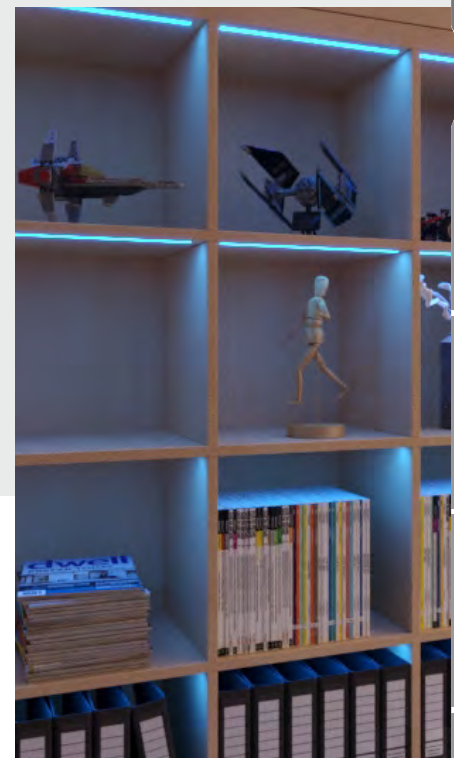
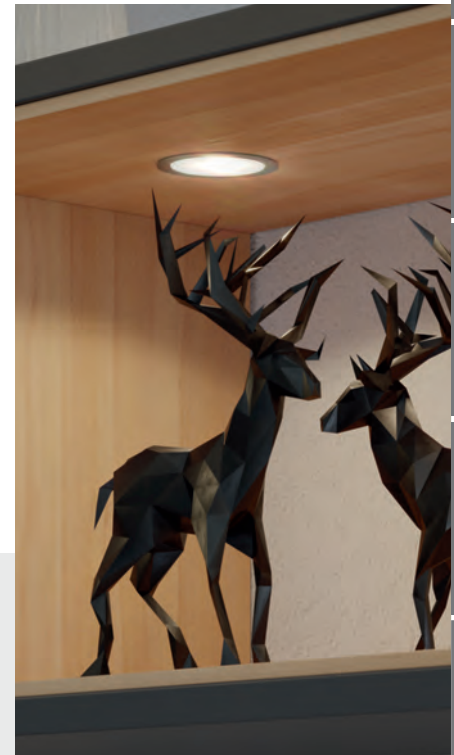
With its Connect Mesh module, developed in-house, for the individual control of light and electrically powered fittings, Häfele sets a new standard. The technology platform is Bluetooth Mesh, a standardised protocol based on Bluetooth Low Energy, introduced in 2018. Thanks to extensive encryption, it enables secure communication between many devices simultaneously. This Connect Mesh module is integrated in all Loox5 lighting control components.

The Häfele Connect Mesh app for mobile devices is used for simple and intuitive configuration and control of Connect Mesh networks, light, and electrically

powered fittings. The app is available as a free download for IOS and Android operating systems.

The new remote control and the wall switch make it even easier. Here, the functions are implemented directly via a few buttons: on/off, dimming, changing the colour temperature or light colour, save and run lighting scenarios, even the operation of electrically powered fittings, such as opening and closing furniture doors, is child's play.

The best part: By using adapters, both systems, the original Loox, that continues to be offered, and the new Loox5 can be easily combined in both directions.



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TECHNICAL ADVICE

Targeted control of light effects

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LOOX5 GUIDE

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TECHNICAL ADVICE



With Häfele Connect Mesh

And wow your guests.....

Häfele Connect Mesh is the new system that works with Loox5 for smart light control.

Create the perfect atmosphere with Loox5 and wow your guests using the Häfele Connect Mesh and app to control your mood lighting.

Control is effortless using a smartphone or tablet. The Häfele Connect app uses Bluetooth technology to wirelessly control the lights in the room from dimming and colour changing to pre-programmed scenarios.

Control the colour of RGB lights or adjustment of multi-white colour temperature from the same app, remote or switch.

LOOX5

...or a relaxed evening together.

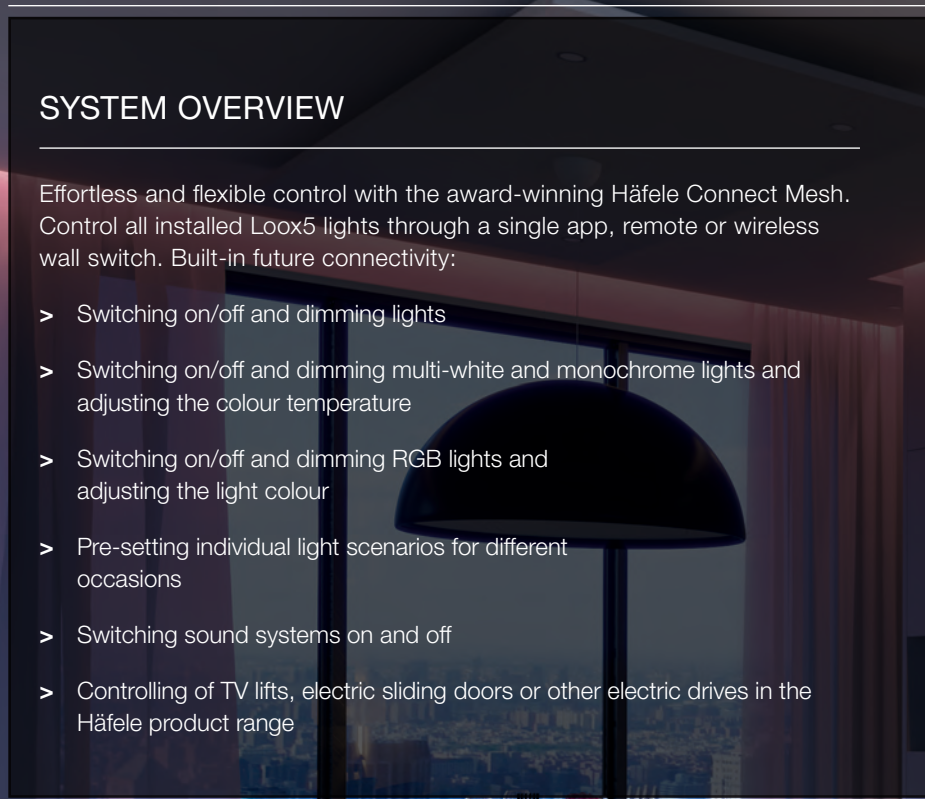
Wireless control of different scenarios is incredibly easy with Häfele Connect Mesh. The distributors interconnect via Bluetooth and are intuitively controlled using a smartphone or tablet. Different light sources can be grouped together in this way and stored as a scenario.

The Häfele Connect Mesh is future-proof with the ability to integrate smart appliances and other bluetooth functionality in a smart home environment in the future. Thanks to the plug-and-play design of Loox, the system can be added to existing installations easily at a later date and we will keep you updated on this functionality.

SYSTEM OVERVIEW

Effortless and flexible control with the award-winning Häfele Connect Mesh. Control all installed Loox5 lights through a single app, remote or wireless wall switch. Built-in future connectivity:

- Switching on/off and dimming lights
- Switching on/off and dimming multi-white and monochrome lights and adjusting the colour temperature
- Switching on/off and dimming RGB lights and adjusting the light colour
- Pre-setting individual light scenarios for different occasions
- Switching sound systems on and off
- Controlling of TV lifts, electric sliding doors or other electric drives in the Häfele product range





Step by step guide to creating your Loox5 lighting system

5 easy steps.



Select your lights.

With a wide range of strips, spots, drawer lights and bars you will be able to fulfil any customer requirement.

Select your profiles and diffusers.

Choose your surface and recess mounted profiles (including wardrobe rails), and then your diffusers.

Select your extras.

Pick from charging stations and sound systems to complete the user experience.

2

Add your distributors

Add in distributors to increase the amount of lights, accessories or complexity of design.



3

Smart control

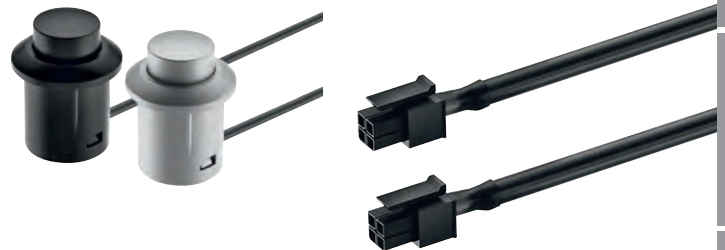
Choose Connect Mesh for complete control via the app, a remote or a wireless wall switch



4

Add switches

From multi-switch boxes to sensors, there is every type of solution to meet your needs.



5

Now power up.

Select the relevant driver and lead for your Loox5 range, and pick a converter (if you are having to convert between 12V and 24V).



Quick checklist:

As a reminder, here's a quick checklist for specifying Loox lighting.



Decision 1: Choose your range (Loox or Loox 5)



Decision 2: Choose the power level (12 V or 24 V)



Step 1: Choose your lights and extras (strips, spots, diffusers, profiles, sound systems and charging stations)



Step 2: Choose your distributors (distributors, extension leads and connecting leads)



Step 3: Choose Connect Mesh for complete control via the app, a remote or a wireless wall switch



Step 4: Choose your switches



Step 5: Chose your power (drivers, converters and power leads)

Refer to pages 18-19 to help you make decision 1 and 2.

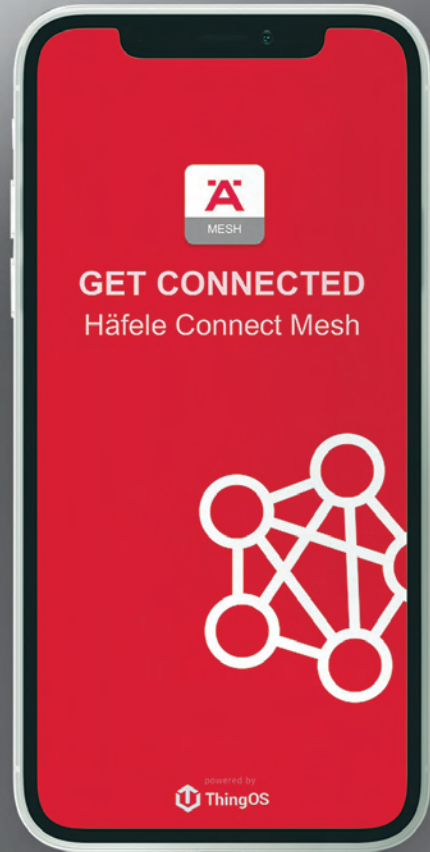
Refer to pages 150-151 for a step by step guide to creating your Loox5 system.



The complete range

Loox - the comprehensive lighting solution.

From an interior cabinet light with a sensor switch to mood lighting in a media centre operated with the Häfele Connect App, we have a solution for every scenario.





Loox5 strip lights



Task light Illuminate work spaces with > 500 lx at a distance of 500 mm

Model	Illuminance max. at a distance of 500 mm					Page
LED 3052	24 V	Constant current	8 mm	19.2 W/m	1840 lx	IP20 > 162
LED 3048	24 V		8 mm	14.4 W/m	1320 lx	IP20 > 160
LED 3050	24 V	Constant current	8 mm	9.6 W/m	1010 lx	IP20 > 162
LED 2068	12 V		8 mm	9.6 W/m	955 lx	IP20 > 160
LED 3041	24 V		5 mm	9.6 W/m	860 lx	IP20 > 158
LED 3046	24 V	Silicone sleeve	8 mm	9.6 W/m	860 lx	IP44 > 164
LED 2077	12 V	Constant current	8 mm	9.6 W/m	830 lx	IP20 > 162



Ambient light 150–500 lx at a distance of 500 mm

Model	Illuminance max. at a distance of 500 mm					Page
LED 2062	12 V		8 mm	4.8 W/m	470 lx	IP20 > 160
LED 2065	12 V		8 mm	4.8 W/m	470 lx	IP20 > 160
LED 3042	24 V		8 mm	4.8 W/m	470 lx	IP20 > 160
LED 2060	12 V		5 mm	4.8 W/m	430 lx	IP20 > 158
LED 3040	24 V		5 mm	4.8 W/m	430 lx	IP20 > 158
LED 2063	12 V	Silicone sleeve	8 mm	4.8 W/m	425 lx	IP20 > 164



Multi-white lights

Model	Illuminance max. at a distance of 500 mm					Page
LED 2070	12 V		8 mm	9.6 W/m	865 lx	IP20 > 166
LED 3047	24 V		8 mm	9.6 W/m	865 lx	IP20 > 166
LED 2064	12 V		8 mm	4.8 W/m	445 lx	IP20 > 166



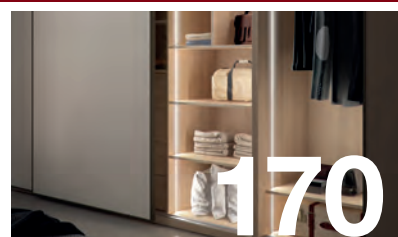
RGB lights

Model	Illuminance max. at a distance of 500 mm					Page
LED 2080	12 V		10 mm	9.6 W/m	IP20 > 168	> 168
LED 3080	24 V		10 mm	9.6 W/m	IP20 > 168	> 168



Loox Compatible lights

Model	Illuminance max. at a distance of 500 mm					Page
FLEXYLED SE H4	12 V	Silicone sleeve	4 mm	240 lx	IP44 > 170	> 170
FLEXYLED SE H4 PIR	12 V	Silicone sleeve	4 mm	240 lx	IP44 > 171	> 171



	>500 lx
	150–500 lx
	<150 lx



Note:

The illuminance symbol always represents the best value of all colour temperatures and is meant to be for quick guidance only. Please note the specific values of the individual colour temperatures and the refraction angle before ordering!

Aluminium profiles for recess mounting

Model	Internal dimension		Page
1104	8 mm	For strip lights up to a width of 5 mm	> 172
1103	11 mm		> 172
1105	11 mm	Asymmetrical light distribution	> 173
	16 mm		> 174
1107	16 mm	Asymmetrical light distribution	> 175
	8 mm	Asymmetric light distribution, for strip lights up to a width of 5 mm	> 177
1106	11 mm	Asymmetrical light distribution	> 177



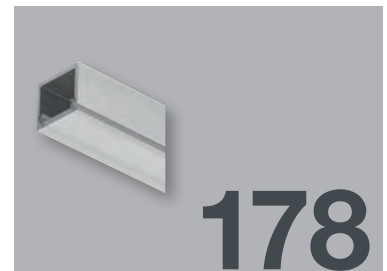
Plastic profiles for recess mounting

Model	Internal dimension	Page
1102	5 mm	> 187
1101	8 mm	> 187



Aluminium profiles for recess mounting

Model	Internal dimension		Page
2101, 2102	11 mm		> 178
2103	11 mm	With concealed fixing	> 180
2104	11 mm	With concealed fixing, asymmetric light distribution	> 180
	16 mm		> 182
	16 mm	With attached diffuser housing	> 183
	13 mm	Asymmetrical light distribution	> 184
	14 mm	Corner mounting	> 184
	14 mm	Drawer profile	> 185



Aluminium wardrobe rail

	15 mm	Asymmetrical light distribution	> 186
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Glass edge profile

	11.7 mm	Light effect dependent on glass type - clear or satin	> 186
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Aluminium cooling strip

	10 mm		> 188
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Diffusers

	For profiles for recess mounting 1103-1107	> 188
	For profiles for recess mounting 2101-2104	> 188
	For Loox profiles with 16 mm internal dimension	> 188



Loox5 LED strip lights

Monochrome, 5 mm

7
YEARS

Häfele Loox5 LED 2060/3040 / 3041



LED 2060



LED 3040 / 3041

EXTRA
NARROW
5 mm

Illuminance value in lx applies to
1 m strip length:

2700 K				3000 K				4000 K				5000 K				120°		
940 lx				970 lx				1000 lx				1030 lx				☀️		250 mm
400 lx				420 lx				430 lx				430 lx				☀️		500 mm
220 lx				235 lx				240 lx				240 lx				☀️		750 mm
135 lx				145 lx				145 lx				145 lx				☀️		1000 mm

LED 2060/3040

2700 K				3000 K				4000 K				5000 K				120°		
1860 lx				1960 lx				2000 lx				2060 lx				☀️		250 mm
790 lx				850 lx				860 lx				860 lx				☀️		500 mm
440 lx				470 lx				480 lx				480 lx				☀️		750 mm
270 lx				290 lx				290 lx				290 lx				☀️		1000 mm

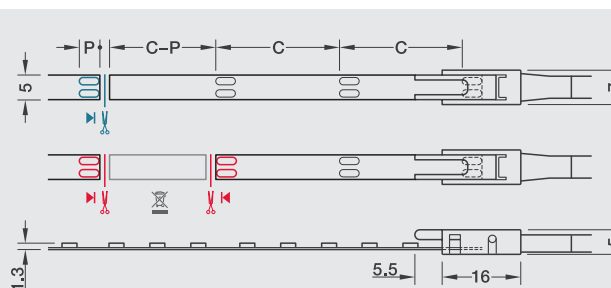
LED 3041

Equipped with high-quality Samsung LEDs

- > Dimmable: Yes
- > Material: Plastic
- > Finish/colour: White
- > Width: 5 mm
- > Height: 1.3 mm
- > Life time L80/B10: >50,000 h
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Order reference:
Please order lead, driver and switch separately

Aluminium profile recommended from 9.6 W/m see page 172



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)

C = section length
P = length of contact surface

5 12V Loox5 12 V driver see page 259

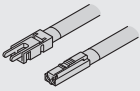
5 24V Loox5 24 V driver see page 260

Häfele Loox5 LED 2060 / 3040 / 3041

Voltage V	Number of LEDs LEDs/m	Colour temperature K	Wattage W/m	Luminous flux lm/m	Luminous efficacy lm/W	Colour rendering index CRI		Weight energy consumpt. per m in kWh/1000 h	Section length C mm	Length of contact surface P mm	Max. strip length (visual) m	Available length	
						R _a	R ₉					5 m	15 m
5 ^{12V}	Häfele Loox5 LED 2060												
	120	2700	4.8	440	92	>90	>50	5.28	25	3	4.0	833.74.320	833.74.324
		3000	4.8	460	96	>90	>50	5.28	25	3	4.0	833.74.321	833.74.325
		4000	4.8	480	100	>90	>50	5.28	25	3	4.0	833.74.322	833.74.326
5000		4.8	495	103	>90	>50	5.28	25	3	4.0	833.74.323	833.74.327	
5 ^{24V}	Häfele Loox5 LED 3040												
	120	2700	4.8	440	92	>90	>50	5.28	50	3	8.0	833.76.300	833.76.304
		3000	4.8	460	96	>90	>50	5.28	50	3	8.0	833.76.301	833.76.305
		4000	4.8	480	100	>90	>50	5.28	50	3	8.0	833.76.302	833.76.306
5000		4.8	495	103	>90	>50	5.28	50	3	8.0	833.76.303	833.76.307	
	Häfele Loox5 LED 3041												
	120	2700	9.6	870	91	>90	>50	10.56	50	3	5.5	833.76.308	833.76.312
		3000	9.6	930	97	>90	>50	10.56	50	3	5.5	833.76.309	833.76.313
		4000	9.6	955	99	>90	>50	10.56	50	3	5.5	833.76.310	833.76.314
5000		9.6	990	103	>90	>50	10.56	50	3	5.5	833.76.311	833.76.315	



Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.
Maximum wattage-dependent strip length on the driver, see pages 259-260



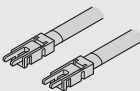
> 3.5 A/20 AWG lead for LED strip light 5 mm

Voltage	Length mm	Cat. No.
5 ^{12V}	2000	833.95.705
5 ^{24V}	2000	833.95.711



> 3.5 A clip connector for 5 mm LED strip light

	Cat. No.
Clip connector	833.89.207



> 3.5 A/20 AWG interconnecting lead for 5 mm LED strip light

Length mm	Cat. No.
50	833.89.194
500	833.89.195
2000	833.89.196



> Corner connector, 90° rigid, 3.5 A for left or right for 5 mm LED strip light

	Cat. No.
Corner connector rigid	833.89.190

Loox5 LED strip lights

Monochrome, 8 mm



Häfele Loox5 LED 2062 / 2065 / 2068 / 3042 / 3048



LED 2062



LED 2065 / 2068



LED 3042 / 3048

Illuminance value in lx applies to 1 m strip length:

2700 K				3000 K				4000 K				5000 K				120°	
1050 lx				1090 lx				1120 lx				1130 lx				☀️	
435 lx				455 lx				460 lx				470 lx				☀️	
240 lx				245 lx				260 lx				260 lx				☀️	
145 lx				150 lx				155 lx				160 lx				☀️	

LED 2062 / 2065 / 3042

2700 K				3000 K				4000 K				5000 K				120°	
2145 lx				2250 lx				2300 lx				2300 lx				☀️	
900 lx				940 lx				950 lx				955 lx				☀️	
480 lx				505 lx				510 lx				515 lx				☀️	
300 lx				310 lx				320 lx				320 lx				☀️	

LED 2068

2700 K				3000 K				4000 K				5000 K				120°	
2870 lx				3000 lx				3100 lx				3100 lx				☀️	
1210 lx				1270 lx				1310 lx				1320 lx				☀️	
665 lx				695 lx				715 lx				715 lx				☀️	
415 lx				430 lx				445 lx				450 lx				☀️	

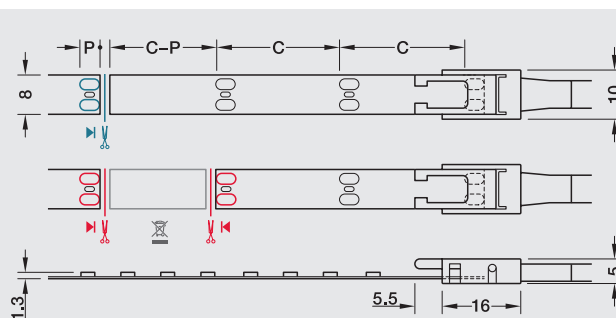
LED 3048

Equipped with high-quality Samsung LEDs

- > Dimmable: Yes
- > Material: Plastic
- > Finish/colour: White
- > Width: 8 mm
- > Height: 1.3 mm
- > Life time L80/B10: >50,000 h
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

! Order reference:
Please order lead, driver and switch separately

➔ Aluminium profile recommended from 9.6 W/m see page 172



— Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)

— Connect LED strip lights
(two contact sides required)

C = section length
P = length of contact surface

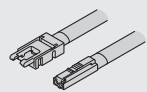
5 12V Loox5 12 V driver see page 259

5 24V Loox5 24 V driver see page 260

! Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%. Maximum wattage-dependent strip length on the driver, see pages 259-260

Häfele Loox5 LED 2062 / 2065 / 2068 / 3042 / 3048

Voltage V	Number of LEDs LEDs/m	Colour temperature K	Wattage W/m	Luminous flux lm/m	Luminous efficacy lm/W	Colour rendering index CRI		Weight. energy consumpt. per m in kWh/1000 h	Section length C mm	Length of contact surface P mm	Max. strip length (visual) m	Available length 5 m
						R _a	R ₉					
5 12V	Häfele Loox5 LED 2062											
	60	2700	4.8	440	92	>90	>50	5.28	50	4	6.0	833.74.336
		3000	4.8	465	97	>90	>50	5.28	50	4	6.0	833.74.337
		4000	4.8	490	102	>90	>50	5.28	50	4	6.0	833.74.338
		5000	4.8	495	103	>90	>50	5.28	50	4	6.0	833.74.339
	Häfele Loox5 LED 2065											
	120	2700	4.8	440	92	>90	>50	5.28	25	4	6.0	833.74.354
		3000	4.8	465	97	>90	>50	5.28	25	4	6.0	833.74.355
		4000	4.8	490	102	>90	>50	5.28	25	4	6.0	833.74.356
		5000	4.8	495	103	>90	>50	5.28	25	4	6.0	833.74.357
	Häfele Loox5 LED 2068											
	120	2700	9.6	920	96	>90	>50	10.56	25	4	4.0	833.74.362
		3000	9.6	970	101	>90	>50	10.56	25	4	4.0	833.74.363
		4000	9.6	1000	104	>90	>50	10.56	25	4	4.0	833.74.364
		5000	9.6	1040	108	>90	>50	10.56	25	4	4.0	833.74.365
5 24V	Häfele Loox5 LED 3042											
	120	2700	4.8	440	92	>90	>50	5.28	50	4	12.0	833.76.316
		3000	4.8	465	97	>90	>50	5.28	50	4	12.0	833.76.317
		4000	4.8	490	102	>90	>50	5.28	50	4	12.0	833.76.318
		5000	4.8	495	103	>90	>50	5.28	50	4	12.0	833.76.319
	Häfele Loox5 LED 3048											
	120	2700	14.4	1270	88	>90	>50	15.84	50	4	6.2	833.76.352
		3000	14.4	1305	91	>90	>50	15.84	50	4	6.2	833.76.353
		4000	14.4	1340	93	>90	>50	15.84	50	4	6.2	833.76.354
		5000	14.4	1430	99	>90	>50	15.84	50	4	6.2	833.76.355



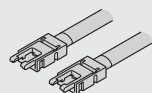
> 5 A/18 AWG lead
for LED strip light 8 mm

Voltage	Length mm	Cat. No.
5 12V	100	833.93.736
	500	833.95.701
	2000	833.95.700
5 24V	100	833.75.743
	500	833.95.707
	2000	833.95.706



> 5 A clip connector
for 8 mm LED strip light

	Cat. No.
Clip connector	833.89.206



> 5 A/18 AWG interconnecting lead
for 8 mm LED strip light

Length mm	Cat. No.
50	833.89.191
500	833.89.192
2000	833.89.193



> Corner connector, 90° rigid, 5 A
for left or right for 8 mm LED strip light

	Cat. No.
Corner connector rigid	833.89.187

Loox5 LED strip lights

Monochrome, constant current, 8 mm



Häfele Loox5 LED 2077 / 3050 / 3052



LED 2077



LED 3050 / 3052

Constant current technology

- > Achieves uniform brightness over the entire strip light length
- > Increased life time, higher visual strip length, higher luminous efficacy

Equipped with high-quality Samsung LEDs

- > Dimmable: Yes
- > Material: Plastic
- > Finish/colour: White
- > Width: 8 mm
- > Height: 1.5 mm
- > Life time L80/B10: >70,000 h
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m strip length:

2700 K	3000 K	4000 K	5000 K	120°	
1775 lx	1850 lx	1950 lx	1950 lx		250 mm
760 lx	790 lx	830 lx	830 lx		500 mm
425 lx	440 lx	465 lx	465 lx		750 mm
265 lx	270 lx	285 lx	285 lx		1000 mm

LED 2077

2700 K	3000 K	4000 K	5000 K	120°	
2050 lx	2150 lx	2205 lx	2340 lx		250 mm
890 lx	930 lx	990 lx	1010 lx		500 mm
490 lx	520 lx	545 lx	550 lx		750 mm
305 lx	325 lx	335 lx	340 lx		1000 mm

LED 3050

2700 K	3000 K	4000 K	5000 K	120°	
4070 lx	4160 lx	4220 lx	4260 lx		250 mm
1750 lx	1780 lx	1800 lx	1840 lx		500 mm
970 lx	990 lx	1000 lx	1020 lx		750 mm
600 lx	620 lx	625 lx	630 lx		1000 mm

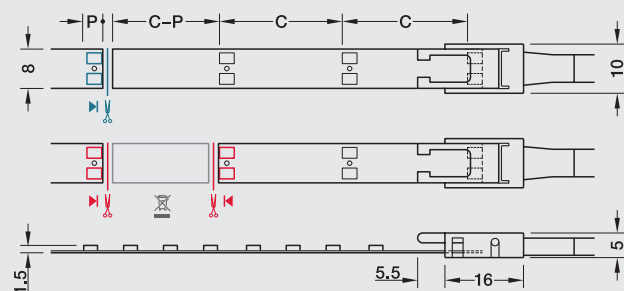
LED 3052



Order reference:
Please order lead, driver and switch separately



Aluminium profile recommended from 9.6 W/m see page 172



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)

C = section length

P = length of contact surface



5 12V

Loox5 12 V driver see page 259

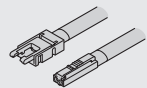
5 24V

Loox5 24 V driver see page 260

Häfele Loox5 LED 2077 / 3050 / 3052

Voltage V	Number of LEDs LEDs/m	Colour temperature K	Wattage W/m	Luminous flux lm/m	Luminous efficacy lm/W	Colour rendering index CRI		Weight. energy consumpt. per m in kWh/1000 h	Section length C mm	Length of contact surface P mm	Max. strip length (visual) m	Available length 5 m	
						R _a	R ₉						
5^{12V}	Häfele Loox5 LED 2077												
	120	2700	9.6	810	84	>90	>50	10.56	25	4	6.2	833.74.372	
		3000	9.6	860	90	>90	>50	10.56	25	4	6.2	833.74.373	
		4000	9.6	900	94	>90	>50	10.56	25	4	6.2	833.74.374	
		5000	9.6	905	94	>90	>50	10.56	25	4	6.2	833.74.375	
	5^{24V}	Häfele Loox5 LED 3050											
		140	2700	9.6	945	98	>90	>50	10.56	50	3	9.0	833.76.362
			3000	9.6	1030	107	>90	>50	10.56	50	3	9.0	833.76.363
			4000	9.6	1060	110	>90	>50	10.56	50	3	9.0	833.76.364
			5000	9.6	1080	113	>90	>50	10.56	50	3	9.0	833.76.365
		Häfele Loox5 LED 3052											
		140	2700	19.2	1850	96	>90	>50	21.12	50	3	4.6	833.76.378
3000			19.2	2015	105	>90	>50	21.12	50	3	4.6	833.76.379	
4000			19.2	2050	107	>90	>50	21.12	50	3	4.6	833.76.380	
5000			19.2	2100	109	>90	>50	21.12	50	3	4.6	833.76.381	

! The maximum visual strip length for Loox5 constant current strips is the length without drop in luminous flux. Maximum wattage-dependent strip length on the driver, see pages 259-260



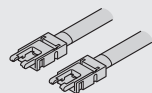
> 5 A/18 AWG lead for LED strip light 8 mm

Voltage	Length mm	Cat. No.
5^{12V}	100	833.93.736
	500	833.95.701
	2000	833.95.700
5^{24V}	100	833.75.743
	500	833.95.707
	2000	833.95.706



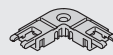
> 5 A clip connector for 8 mm LED strip light

	Cat. No.
Clip connector	833.89.206



> 5 A/18 AWG interconnecting lead for 8 mm LED strip light

Length mm	Cat. No.
50	833.89.191
500	833.89.192
2000	833.89.193



> Corner connector, 90° rigid, 5 A for left or right for 8 mm LED strip light

	Cat. No.
Corner connector rigid	833.89.187

Loox5 LED silicone strip lights

Monochrome, 10 mm



Häfele Loox5 LED 2063 / 3046



LED 2063



LED 3046

Equipped with high-quality Samsung LEDs

- > Dimmable: Yes
- > Material: Plastic
- > Finish/colour: White
- > Width: Strip with silicone sleeve: 10 mm
- > Height: Strip with silicone sleeve: 4.8 mm
- > Life time L80/B10: >50,000 h
- > Energy efficiency class: A+
- > Degree of protection: IP44 with end caps
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

! Order reference:
Please order lead, driver and switch separately

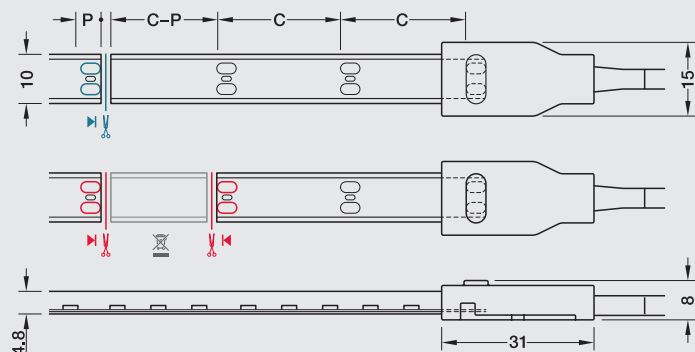
Illuminance value in lx applies to 1 m strip length:

2700 K	3000 K	4000 K	5000 K	120°	
920 lx	960 lx	975 lx	1010 lx		250 mm
390 lx	410 lx	415 lx	425 lx		500 mm
215 lx	225 lx	230 lx	235 lx		750 mm
135 lx	140 lx	145 lx	145 lx		1000 mm

LED 2063

2700 K	3000 K	4000 K	5000 K	120°	
1855 lx	1895 lx	1960 lx	2020 lx		250 mm
790 lx	805 lx	840 lx	860 lx		500 mm
435 lx	445 lx	465 lx	475 lx		750 mm
270 lx	275 lx	290 lx	295 lx		1000 mm

LED 3046



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)

C = section length
P = length of contact surface

5 12V Loox5 12 V driver see page 259

5 24V Loox5 24 V driver see page 260

Silicone stripper tool for LED strip lights see page 165

! Minimal colour deviations due to silicone sleeve:

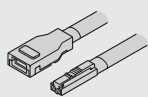
Colour temperature of the LED	Colour deviation
2700 K	-30 K
3000 K	-40 K
4000 K	-50 K
5000 K	-80 K

Häfele Loox5 LED 2063 / 3046

Voltage V	Numebr of LEDs LEDs/m	Colour temperature K	Wattage W/m	Luminous flux lm/m	Luminous efficacy lm/W	Colour rendering index CRI		Weight. energy consumpt. per m in kWh/1000 h	Section length C mm	Length of contact surface P mm	Max. strip length (visual) m	Available length	
						R _a	R ₉					5 m	15 m
5^{12V}	Häfele Loox5 LED 2063												
	60	2700	4.8	415	86	>90	>50	5.28	50	4	6.0	833.74.344	833.74.348
		3000	4.8	440	92	>90	>50	5.28	50	4	6.0	833.74.345	833.74.349
		4000	4.8	455	95	>90	>50	5.28	50	4	6.0	833.74.346	833.74.350
5000		4.8	460	96	>90	>50	5.28	50	4	6.0	833.74.347	833.74.351	
5^{24V}	Häfele Loox5 LED 3046												
	120	2700	9.6	820	85	>90	>50	10.56	50	4	8.0	833.76.342	833.76.346
		3000	9.6	870	91	>90	>50	10.56	50	4	8.0	833.76.343	833.76.347
		4000	9.6	900	94	>90	>50	10.56	50	4	8.0	833.76.344	833.76.348
5000		9.6	930	97	>90	>50	10.56	50	4	8.0	833.76.345	833.76.349	

! Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.
Maximum wattage-dependent strip length on the driver, see pages 259-260

+ Degree of protection IP44



> **5 A/18 AWG lead**
for 10 mm LED silicone strip light

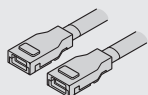
Voltage	Length mm	Cat. No.
5^{12V}	2000	833.95.703
5^{24V}	2000	833.95.709



> **End cap set with adhesive**
for 10 mm LED silicone strip light

For sealing the shortened silicone sleeve; achieves degree of protection IP44

	Cat. No.
Set of 5, with 5 ml adhesive	833.89.184

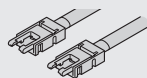
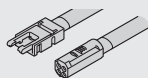


> **5 A/18 AWG interconnecting lead**
for 10 mm LED silicone strip light

Length mm	Cat. No.
50	833.89.203
500	833.89.204
2000	833.89.205

+ Degree of protection IP20

If necessary, you can realise an IP20 version using leads, interconnecting leads and clip connectors for 8 mm monochrome LED strip lights, see Accessories page 163.



Häfele silicone stripper for LED silicone strip lights



- > Area of application: For stripping silicone from Loox5 LED strip lights 2063 and 3046
- > Material/colour: Plastic, grey and red
- > Packaging: 1 pc

	Cat. No.
Silicone stripper for LED strip lights	006.13.485

Loox5 LED strip lights

Multi-white, 8 mm



Häfele Loox5 LED 2064 / 2070 / 3047



LED 2064



LED 2070



LED 3047

Optimised light mixture

- > Cool white and warm white LEDs in the smallest of spaces
- > Optimal light mixture without flickering

- > Dimmable: Yes
- > Material: Plastic
- > Finish/colour: White
- > Width: 8 mm
- > Height: 1.3 mm
- > Life time L80/B10: >50,000 h
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

! Order reference:
Please order lead, driver and switch separately

➔ Aluminium profile recommended from 9.6 W/m see page 172

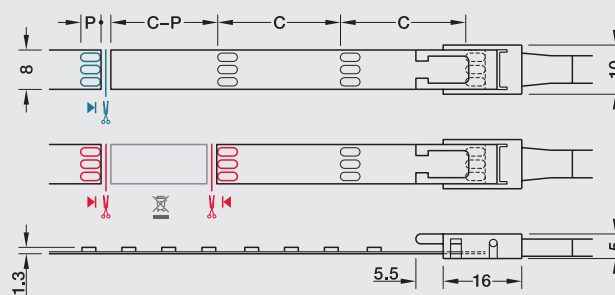
Illuminance value in lx applies to 1 m strip length:

2700 K		5000 K		120°	
1025 lx	1075 lx			250 mm	
425 lx	445 lx			500 mm	
230 lx	245 lx			750 mm	
145 lx	150 lx			1000 mm	

LED 2064

2700 K		5000 K		120°	
1865 lx	2045 lx			250 mm	
785 lx	865 lx			500 mm	
430 lx	475 lx			750 mm	
270 lx	295 lx			1000 mm	

LED 2070/3047



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)

C = section length
P = length of contact surface

5 12V Loox5 12 V driver see page 259

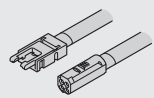
5 24V Loox5 24 V driver see page 260

⚙️ Colour control only via 6-way distributor Häfele Connect Mesh with multi-white adapter and remote control or smartphone. Please order separately, see Connect Mesh page 167

Häfele Loox5 LED 2064/2070 / 3047

Voltage V	Number of LEDs LEDs/m	Colour temperature K	Wattage W/m	Luminous flux lm/m	Luminous efficacy lm/W	Colour rendering index CRI		Weight. energy consumpt. per m in kWh/1000 h	Section length C mm	Length of contact surface P mm	Max. strip length (visual) m	Available length 5 m
						R _a	R ₉					
5 12V	Häfele Loox5 LED 2064											
	2 x 60	2700 5000	4.8	425 465	89 97	>90	>50	5.28	50	4	4.5	833.74.352
5 24V	Häfele Loox5 LED 2070											
	2 x 120	2700 5000	9.6	825 930	86 97	>90	>50	10.56	25	3.5	3.5	833.74.370
5 24V	Häfele Loox5 LED 3047											
	2 x 120	2700 5000	9.6	825 930	86 97	>90	>50	10.56	50	3.5	6.5	833.76.350

! Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.
Maximum wattage-dependent strip length on the driver, see pages 259-260



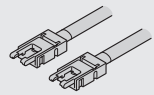
> 3.5 A/20 AWG lead for 8 mm multi-white LED strip light

Voltage	Length mm	Cat. No.
5 12V	2000	833.95.702
5 24V	2000	833.95.708



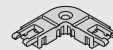
> 3.5 A clip connector for 8 mm multi-white LED strip light

Clip connector	Cat. No.
	833.89.208



> 3.5 A/20 AWG interconnecting lead for 8 mm multi-white LED strip light

Length mm	Cat. No.
50	833.89.197
500	833.89.198
2000	833.89.199



> Corner connector 90° rigid, 3.5 A for left or right for 8 mm multi-white LED strip light

Corner connector rigid	Cat. No.
	833.89.188



> Häfele Connect Mesh 6-way distributor, with switching function

Voltage	Max. connected wattage W	Cat. No.
5 12V	60	850.00.042
5 24V	90	850.00.043



> Häfele Connect Mesh remote control 12/24 V

Remote control 12/24 V	Cat. No.
	850.00.040



> Häfele Connect Mesh multi-white adapter, 6x output ports device sockets multi-white

Voltage	Max. connected wattage W	Cat. No.
5 12V	60	833.95.745
5 24V	90	833.77.830



> Häfele Connect Mesh push button, wall mounted 12/24 V

Push button 12/24 V	Cat. No.
	850.00.041

Loox5 LED strip lights

RGB, 10 mm



Häfele Loox5 LED 2080/3080

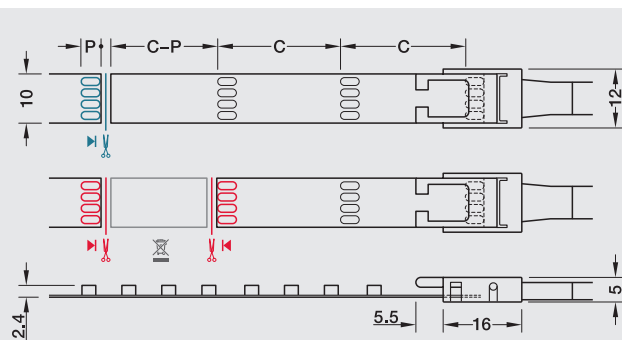


LED 2080/3080

- > Dimmable: Yes
- > Material: Plastic
- > Finish/colour: White
- > Width: 10 mm
- > Height: 2.4 mm
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

! Order reference:
Please order lead, driver and switch separately

➔ Aluminium profile recommended from 9.6 W/m see page 172



- Cut LED strip light to length
(one contact side remains on the remainder piece; reusable)
- Connect LED strip lights
(two contact sides required)

C = section length
P = length of contact surface

5 12V Loox5 12 V driver see page 259

5 24V Loox5 24 V driver see page 260

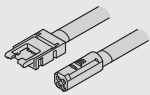
⚙️ Colour control only via 6-way distributor Häfele Connect Mesh with RGB adapter and remote control or smartphone. Please order separately, see Connect Mesh page 169

Häfele Loox5 LED 2080/3080

Voltage	Number of	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Weight. energy consumpt. per m in kWh/1000 h	Section length C	Length of contact surface P	Max. strip length (visual)	Delivery length
V	LEDs/m	K	W/m	lm/m	lm/W		mm	mm	m	5 m
5 12V	Häfele Loox5 LED 2080									
	120	RGB	9.6	530	51	10.78	25	3.8	3.0	833.74.380
5 24V	Häfele Loox5 LED 3080									
	120	RGB	9.6	530	51	10.78	50	3.8	6.5	833.76.386



Maximum visual strip length applies for an imperceptible drop in luminous flux of max. 30%.
Maximum wattage-dependent strip length on the driver, see pages 259-260



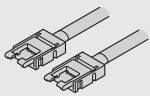
> 3.5 A/20 AWG lead for LED RGB strip light, 10 mm

Voltage	Length mm	Cat. No.
5 12V	2000	833.95.704
5 24V	2000	833.95.710



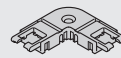
> 3.5 A clip connector for LED RGB strip light, 10 mm

	Cat. No.
Clip connector	833.89.209



> 3.5 A/20 AWG interconnecting lead for LED RGB strip light, 10 mm

Length mm	Cat. No.
50	833.89.200
500	833.89.201
2000	833.89.202



> Corner connector, 90° rigid, 3.5 A for left or right for LED RGB strip light, 10 mm

	Cat. No.
Corner connector rigid	833.89.189



> Häfele Connect Mesh 6-way distributor, with switching function

Voltage	Max. connected wattage W	Cat. No.
5 12V	60	850.00.042
5 24V	90	850.00.043



> Häfele Connect Mesh remote control 12/24 V

	Cat. No.
Remote control 12/24 V	850.00.040



> Häfele Connect Mesh multi-white adapter, 6x output ports device sockets multi-white

Voltage	Max. connected wattage W	Cat. No.
5 12V	60	833.95.745
5 24V	90	833.77.830



> Häfele Connect Mesh push button, wall mounted 12/24 V

	Cat. No.
Push button 12/24 V	850.00.041

Loox5 LED strip lights

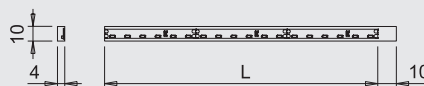
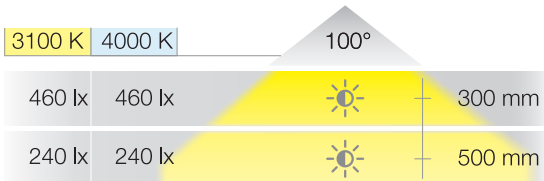
Loox5 Compatible, side emitting, monochrome, 4 mm

Loox5 Compatible FLEXYLED SE H4



- > Dimmable: Yes
- > Material: Silicone
- > Width: 4 mm
- > Height: 10 mm
- > Energy efficiency class: A
- > Degree of protection: IP44
- > Mounting: For recess mounting, press-fit in 4 x 10 mm groove
- > Supplied with: With 2x 2 m leads with Loox5 12V connector, including fixing materials

! Strip light includes connector at either end of strip ensuring two lengths can be used if strip light cut - strip light can be shortened every 25 mm



5 12V Loox5 12 V driver see page 259

Voltage V	Quantity LEDs/m	Available length m	Wattage W/m	Luminous flux lm	Luminous efficacy lm/W	Colour rendering index CRI R _a	Section length mm	Colour temperature	
								3100 K	4000 K
5 12V	120	2	22	1260	70	>80	25	833.70.189	833.70.190
		3	30	2100	70	>80	25	833.70.191	833.70.192

Loox5 LED strip lights

Loox5 Compatible, side emitting, monochrome, 4 mm

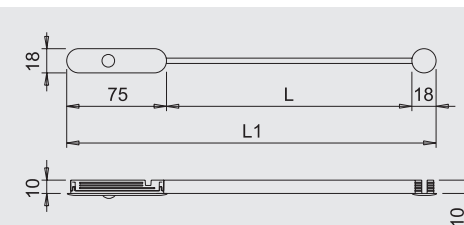


Loox5 Compatible FLEXYLED SE H4 PIR

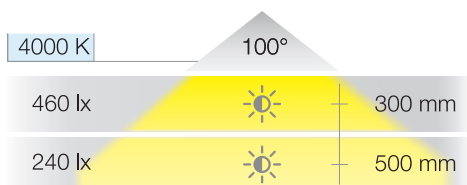


- > Version: With PIR sensor switch (infrared motion sensor)
- > Dimmable: Yes
- > Material: Silicone
- > Width: 4 mm
- > Height: 10 mm
- > Energy efficiency class: A
- > Degree of protection: IP44
- > Mounting: For recess mounting, press-fit in 4 x 10 mm groove
- > Supplied with: With 2x 2 m leads with Loox5 12V connector, including fixing materials

Strip light can be shortened every 25 mm



5 12V Loox5 12 V driver see page 259



Voltage	Quantity	Colour temperature	Available length	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Section length	Aluminium	Black
V	LEDs/m	K	mm	W/m	lm	lm/W	R _a	mm		
5 12V	120	4000	1000	12	1260	70	>80	25	833.70.193	833.70.194
			2000	22	2100	70	>80	25	833.70.195	833.70.196

LOOK LIGHTING 2020. © Häfele U.K. Ltd 2020. Dimensional data not binding. We reserve the right to alter specifications without notice.



Profiles for recess mounting

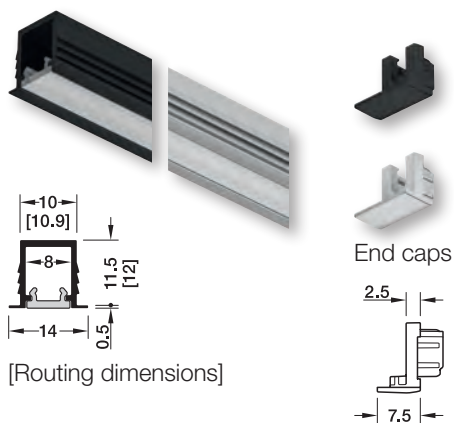
Aluminium, straight, 11 mm internal width



Häfele Loox5 profile 1104 / 1103



Häfele Loox5 profile 1104



- > Material: Profile: Aluminium, diffuser: Plastic
- > Finish/colour: Profile: Anodised, diffuser: White opal, transmittance 70–80 %
- > Length: 3000 mm
- > Diffuser width: Profile 1104: 8 mm
Profile 1103: 11 mm
- > Supplied with: 1 aluminium profile
1 diffuser white opal

Colour	Profile 1104	Profile 1103
Black	833.95.725	833.95.723
Silver coloured	833.95.724	833.95.722

! Profile 1104 is only suitable for LED flexible strip lights max. 5 mm width
Profile 1103 is only suitable for LED flexible strip lights max. 10 mm width

+ End caps for Häfele Loox5 profile 1104, 1103

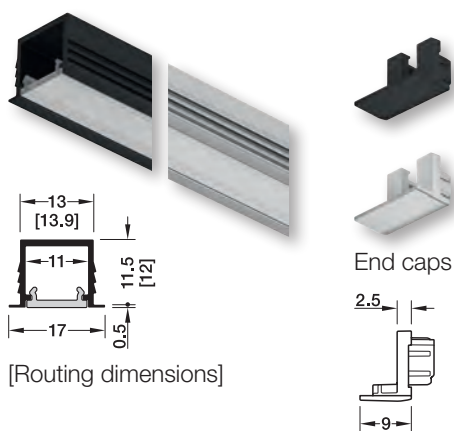
- > Material: Plastic
- > Version: With cable outlet
- > Packing: 10 pieces

Colour	End cap 1104	End cap 1103
Black	833.95.769	833.95.767
Silver coloured	833.95.768	833.95.766

! **Diffusers**
The diffuser creates a uniform light. The LED points are invisible from 120 LEDs/m. If required, please order alternative diffusers in black opal or transparent separately

➔ Diffusers see page 188

Häfele Loox5 profile 1103



Profiles for recess mounting

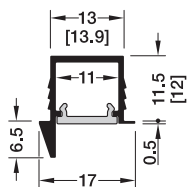
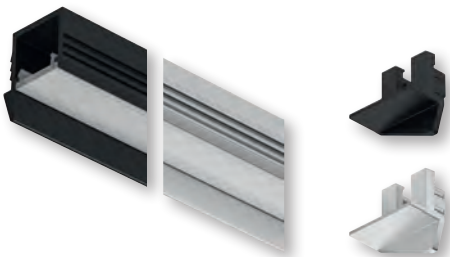
Aluminium, asymmetric light distribution, 11 mm internal width



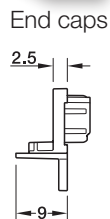
Häfele Loox5 profile 1105, asymmetric light distribution



Häfele Loox5 profile 1105



[Routing dimensions]



End caps

- > Material: Profile: Aluminium, diffuser: Plastic
- > Finish/colour: Profile: Anodised, diffuser: White opal, transmittance 70–80 %
- > Length: 3000 mm
- > Diffuser width: 11 mm
- > Supplied with: 1 aluminium profile
1 diffuser white opal

Colour	Cat. No.
Black	833.95.727
Silver coloured	833.95.726

! Profile 1105 is only suitable for LED flexible strip lights max.10 mm width

+ End caps for Häfele Loox profile 1105

- > Material: Plastic
- > Version: With cable outlet
- > Packing: 10 pieces

Colour	Cat. No.
Black	833.95.771
Silver coloured	833.95.770

! **Diffusers**
The diffuser creates a uniform light. LED points are invisible from 120 LED's/m. If required, please order alternative diffusers in black opal or transparent separately

➔ Diffusers see page 188

Anti-glare shield

Asymmetric distribution allows for a glare-free light source.

Profiles for recess mounting

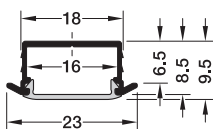
Aluminium, straight, 16 mm internal width



Häfele Loox profile for recess mounting, 6.5 mm depth



End cap



- > Material: Aluminium
- > Finish/colour: Silver coloured anodised
- > Length x width: 2500 x 18 mm
- > Height: 8.5 mm
- > Supplied with: 1 profile, 1 diffuser

Cover	Cat. No.
Milky	833.72.844
Frosted	833.72.845

! LED points are always visible when this profile is used

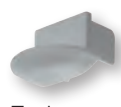
+ End cap with cable outlet for 833.72.844 and 833.72.845

- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

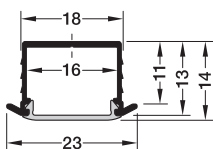
	Cat. No.
End cap for 833.72.844 and 833.72.845	833.72.855

➔ Sensor switches, suitable for use with aluminium profile with 16 mm internal width see page 254
Replacement diffusers are available to order separately see page 188

Häfele Loox profile for recess mounting, 11 mm depth



End cap



- > Material: Aluminium
- > Finish/colour: Silver coloured anodised
- > Length x width: 2500 x 18 mm
- > Height: 13 mm
- > Supplied with: 1 profile, 1 diffuser

Cover	Cat. No.
Milky	833.72.846
Frosted	833.72.847

+ End cap with cable outlet for 833.72.846 and 833.72.847

- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

	Cat. No.
End cap for 833.72.846 and 833.72.847	833.72.854

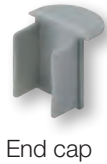
➔ Sensor switches, suitable for use with aluminium profile with 16 mm internal width see page 254
Replacement diffusers are available to order separately see page 188

Profiles for recess mounting

Aluminium, 16 mm internal width



Häfele Loox profile for recess mounting, 24 mm depth



End cap

- > Material: Aluminium
- > Finish/colour: Silver coloured anodised
- > Length x width: 2500 x 18 mm
- > Height: 26 mm
- > Supplied with: 1 profile, 1 diffuser

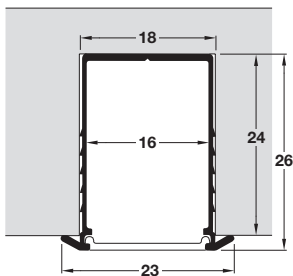
Cover	Cat. No.
Milky	833.72.848
Frosted	833.72.849

+ End cap with cable outlet for 833.72.848 and 833.72.849

- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

	Cat. No.
End cap for 833.72.846 and 833.72.847	833.72.856

- ➔ Sensor switches, suitable for use with aluminium profile with 16 mm internal width see page 254
- Replacement diffusers are available to order separately see page 188



Häfele Loox angled profile for recess mounting



End cap

- > Material: Aluminium
- > Finish/colour: Silver coloured anodised
- > Length x width: 2500 x 40 mm
- > Height: 16 mm
- > Supplied with: 1 profile, 1 diffuser

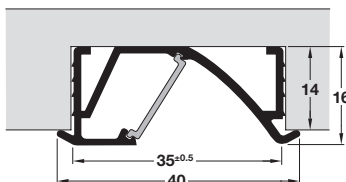
Cover	Cat. No.
Frosted	833.74.845

+ End cap with cable outlet for 833.74.845

- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

	Cat. No.
End cap for 833.74.845	833.74.848

- ! For single row Loox LED strip lights 12V and 24V



Profiles for recess mounting

Aluminium, angled, 16 mm internal width



Häfele Loox angled profile for recess mounting, 7 mm depth



End cap

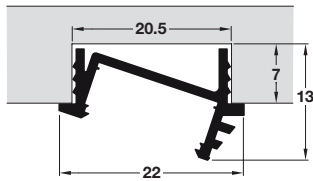
- > Material: Aluminium
- > Finish/colour: Silver coloured anodised
- > Length x width: 2500 x 22 mm
- > Height: 13 mm
- > Supplied with: 1 profile, 1 diffuser

Cover	Cat. No.
Frosted	833.72.821

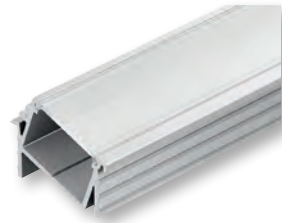
+ End cap with cable outlet for 833.72.821

- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

	Cat. No.
End cap for 833.72.821	833.72.828



Häfele Loox angled profile for recess mounting, 11 mm depth



End cap

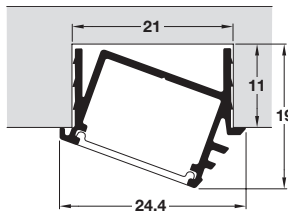
- > Material: Aluminium
- > Finish/colour: Silver coloured anodised
- > Length x width: 2500 x 24.4 mm
- > Height: 19 mm
- > Supplied with: 1 profile, 1 diffuser

Cover	Cat. No.
Milky	833.72.850
Frosted	833.72.851

+ End cap with cable outlet for 833.72.850 and 833.72.851

- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

	Cat. No.
End cap for 833.72.850 and 833.72.851	833.72.857



Profiles for recess mounting

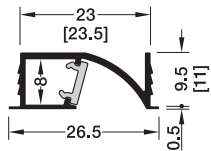
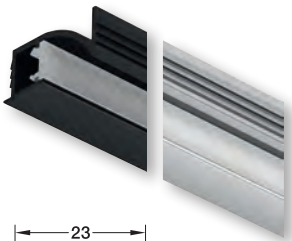
Aluminium, asymmetric light distribution, 8 or 11 mm internal width



Häfele Loox5 profile 1107 / 1106, asymmetric light distribution



Häfele Loox5 profile 1107



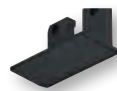
[Routing dimensions]

- > Material: Profile: Aluminium, diffuser: Plastic
- > Finish/colour: Profile: Anodised, diffuser: White opal, transmittance 70–80 %
- > Length: 3000 mm
- > Diffuser width: Profile 1107: 8 mm, profile 1106: 11 mm
- > Supplied with: 1 aluminium profile
1 diffuser white opal

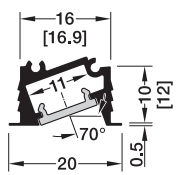
Colour	Profile 1107	Profile 1106
Black	833.95.731	833.95.729
Silver coloured	833.95.730	833.95.728

! Profile 1107 is only suitable for LED flexible strip lights max. 5 mm width
Profile 1106 is only suitable for LED flexible strip lights max. 10 mm width

Häfele Loox5 profile 1106



End caps



[Routing dimensions]

+ End caps for Häfele Loox5 profile 1106

- > Material: Plastic
- > Version: With cable outlet
- > Mounting: For screw fixing
- > Packing:: 10 pieces

Colour	Cat. No.
Black	833.95.773
Silver coloured	833.95.772

! **Diffusers**
The diffuser creates a uniform light.
If required, please order alternative diffusers in black opal or transparent separately

➔ Diffusers see page 188

Profiles for surface mounting

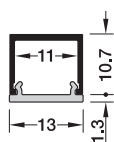
Aluminium, installation with adhesive tape, 11 mm internal width



Häfele Loox5 profile 2101 / 2102



Häfele Loox5 profile 2101



Surface mounted
diffuser

- > Material: Profile: Aluminium, diffuser: Plastic
- > Finish/colour: Profile: Anodised, diffuser: White opal, transmittance 70–80 %
- > Length: 3000 mm
- > Diffuser width: Profile 2101: 13 mm
Profile 2102: 11 mm
- > Supplied with: 1 aluminium profile
1 diffuser white opal

Colour	Profile 2101	Profile 2102
Black	833.95.733	833.95.735
Brushed stainless steel coloured	833.95.762	833.95.763
Silver coloured	833.95.732	833.95.734



Profile 2101 and 2102 are only suitable for LED flexible strip lights with max. 10 mm width



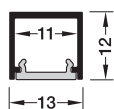
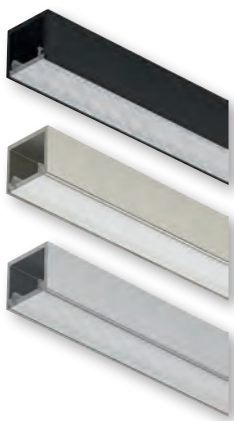
Diffusers

The diffuser creates a uniform light, the LED points in the white version are invisible from 120 LEDs/m. If required, please order alternative diffusers in black opal or transparent separately (only for width 11 mm)



Diffusers see page 188

Häfele Loox5 profile 2102



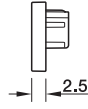
Flush recess mounted
diffuser

Häfele Loox5 profile 2101 / 2102

Häfele Loox5 profile 2101



End caps



End caps for Häfele Loox5 profile 2101 / 2102

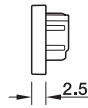
- > **Material:** Plastic
- > **Version:** With drill mark for cable outlet
- > **Packing::** 10 pieces

Colour	End cap 2101	End cap 2102
Black	833.95.775	833.95.778
Brushed stainless steel coloured	833.95.776	833.95.779
Silver coloured	833.95.774	833.95.777

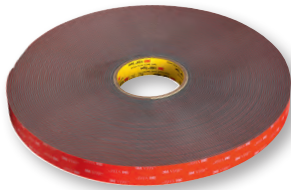
Häfele Loox5 profile 2102



End caps



Adhesive tape for Häfele Loox5 profile 2101 / 2102



- > **Area of application:** For fixing aluminium on wood, metals, or plastics
- > **Version:** Double-sided, high instant adhesion, high temperature resistance
- > **Length:** 33 m
- > **Width:** 10 mm
- > **Thickness:** 0.6 mm

	Cat. No.
Adhesive tape	833.89.266



Profiles for surface mounting

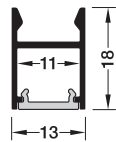
Aluminium, installation with mounting bracket, 11 mm internal width



Häfele Loox5 profile 2103/2104, with concealed fixing



Häfele Loox5 profile 2103



- > Material: Profile: Aluminium, diffuser: Plastic
- > Finish/colour: Profile: Anodised, diffuser: White opal, transmittance 70–80 %
- > Length: 3000 mm
- > Diffuser width: 11 mm
- > Supplied with: 1 aluminium profile
1 diffuser white opal

Colour	Profile 2103	Profile 2104
Black	833.95.737	833.95.739
Brushed stainless steel coloured	833.95.764	833.95.765
Silver coloured	833.95.736	833.95.738

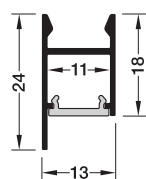
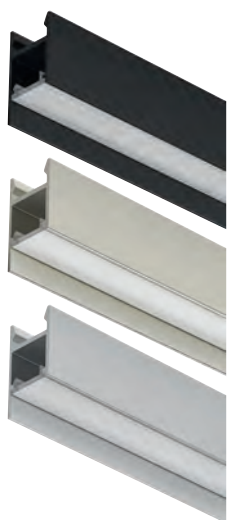
⚠ Profiles 2103 and 2104 are only suitable for LED flexible strip lights with max. 10 mm width

⚠ **Order reference**
Please order (mandatory) mounting bracket separately.

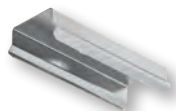
⚠ **Diffusers**
The diffuser creates a uniform light, the LED points in the white version are invisible from 120 LEDs/m. If required, please order alternative diffusers in black opal or transparent separately (only for width 11mm)

➔ Mounting bracket see page 181
Diffusers see page 188

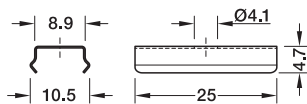
Häfele Loox5 profile 2104, with asymmetric light distribution



Häfele Loox5 profile 2103/2104, with concealed fixing



Mounting bracket for concealed fixing



Mounting bracket

- > Material: Stainless steel
- > Mounting: For screw fixing
- > Packing:: 10 pieces

	Cat. No.
Mounting bracket	833.95.761

End caps for Häfele Loox5 profile 2103/2104

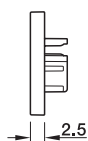
- > Material: Plastic
- > Version: With drill mark for cable outlet
- > Packing:: 10 pieces

Colour	End cap 2103	End cap 2104
Black	833.95.781	833.95.784
Brushed stainless steel coloured	833.95.782	833.95.785
Silver coloured	833.95.780	833.95.783

Häfele Loox5 profile 2103



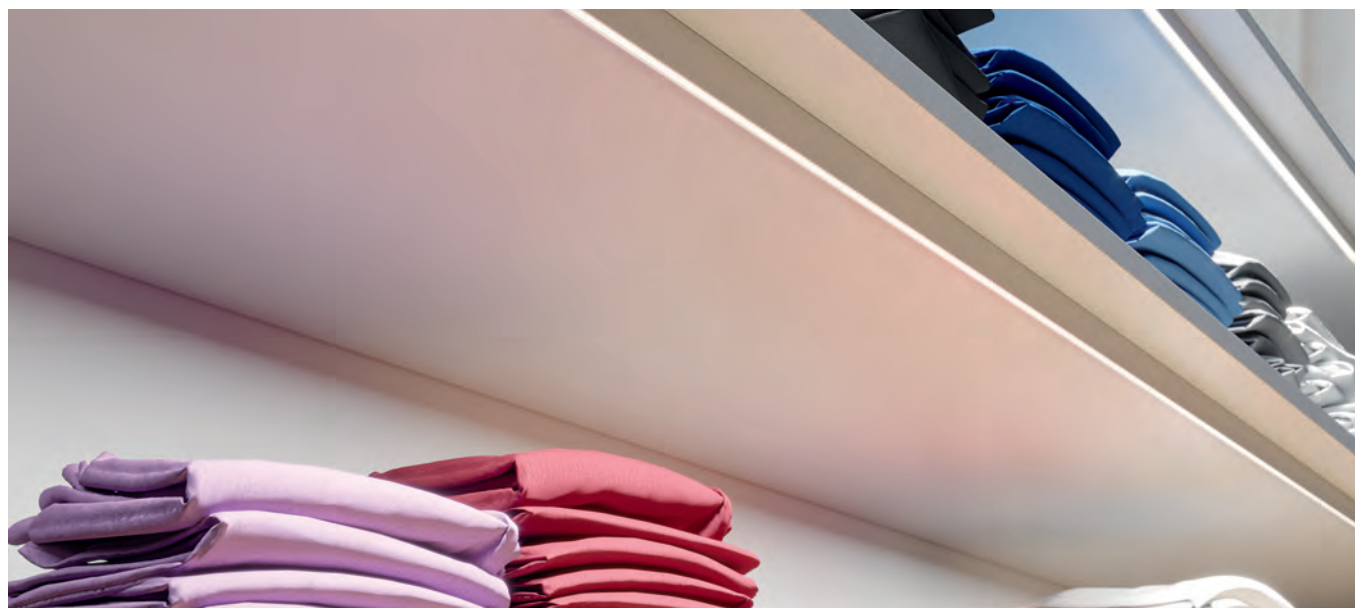
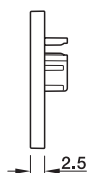
End caps



Häfele Loox5 profile 2104



End caps



Profiles for surface mounting

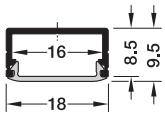
Aluminium, straight, 16 mm internal width



Häfele Loox profile for surface mounting



End cap



- > Material: Aluminium
- > Finish/colour: Silver coloured anodised
- > Length x width x height: 2500 x 18 mm x 9.5 mm
- > Supplied with: 1 profile, 1 diffuser

Cover	Cat. No.
Milky	833.72.840
Frosted	833.72.843

! LED points are always visible when this profile is used

+ End cap

- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

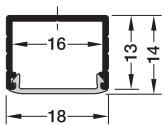
	Cat. No.
End cap for 833.72.840 and 833.72.843	833.72.852

➔ Sensor switches, suitable for use with aluminium profile with 16 mm internal width see page 254
Replacement diffusers are available to order separately see page 188

+ Mounting brackets are available (optional) see page 183



End cap



- > Material: Aluminium
- > Finish/colour: Silver coloured anodised
- > Length x width x height: 2500 x 18 mm x 14 mm
- > Supplied with: 1 profile, 1 diffuser

Cover	Cat. No.
Milky	833.72.841
Frosted	833.72.842

+ End cap

- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

	Cat. No.
End cap for 833.72.841 and 833.72.842	833.72.853

➔ Sensor switches, suitable for use with aluminium profile with 16 mm internal width see page 254
Replacement diffusers are available to order separately see page 188

+ Mounting brackets are available (optional) see page 183

Profiles for surface mounting

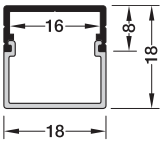
Aluminium, with attached diffuser housing, 16 mm internal width



Häfele Loox profile for surface mounting, with attached diffuser housing



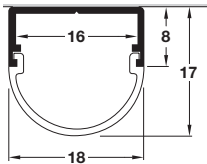
End cap
833.74.823



Rectangular
833.74.813



End cap
833.74.824



Round
833.74.814

- > Material: Profile: Aluminium
Diffuser housing: Plastic
- > Finish/colour: Profile: Silver coloured anodised
Diffuser housing: Milky
- > Length x width: 2500 x 18 mm
- > Height: 18 mm
- > Supplied with: 1 aluminium profile
1 diffuser housing milky

Profile with milky cover	Cat. No.
Rectangular	833.74.813
Round	833.74.814

- +** End cap
 - > Material: Plastic, silver coloured
 - > Version: With cable outlet
 - > Supplied with: 2 pieces

End cap	Cat. No.
Rectangular end cap for 833.74.813	833.74.823
Round end cap for 833.74.814	833.74.824

➔ Order mounting brackets separately see below

! Max. distance of retaining clips 500 mm.
The mounting arms make it possible to have customised, perfectly fitting surface mounted cabinet lights

Häfele Loox mounting brackets for aluminium profiles with 16 mm internal width



Mounting bracket Mounting bracket 40°

- > Material: Stainless steel, silver coloured
- > Supplied with: 2 pieces

Version	Cat. No.
Retaining clip	833.74.832
Retaining clip 40°	833.74.833

Profiles for surface mounting

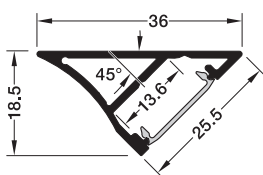
Aluminium, asymmetric light distribution, 13.6 or 14 mm internal width



Häfele Loox profile for surface mounting, asymmetric light distribution



End caps



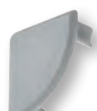
- > Material: Aluminium
- > Finish/colour: Profile: Silver coloured anodised
Diffuser: Milky
- > Version: Indirect light output
- > Length x width: 2500 x 36 mm
- > Height: 18.4 mm
- > Diffuser width: 16 mm
- > Supplied with: 1 aluminium profile
1 diffuser milky

	Cat. No.
Profile for recess mounting, angled	833.74.898

- +** **End cap**
- > Material: Plastic, silver coloured
- > Supplied with: 2 pieces

	Cat. No.
End cap	833.74.899

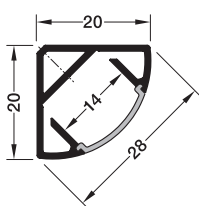
Häfele Loox corner profile



End cap



Holder



Mounting plate

- > Material: Aluminium
- > Finish/colour: Profile: Silver coloured anodised
Diffuser: Milky
- > Cover: Milky
- > Length x width: 2500 x 28 mm
- > Height: 20 mm
- > Supplied with: 1 aluminium profile
1 diffuser milky

	Cat. No.
Corner profile	833.74.812

- +** > Material: End cap and holder:
Plastic, silver coloured
Mounting plate: Stainless steel
- > Supplied with: 2 pieces

	Cat. No.
End cap with cable outlet	833.74.822
Holder	833.74.825
Mounting plate	833.74.826

Drawer profiles for surface mounting

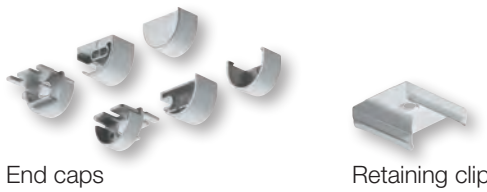
Aluminium, 14 mm internal width



Häfele Loox drawer profile



- > Material: Aluminium
- > Finish/colour: Profile: Silver coloured anodised
Diffuser: Milky
- > Length x width: 2500 x 18 mm
- > Height: 12.5 mm
- > Supplied with: 1 aluminium profile
1 diffuser milky

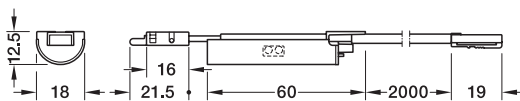


End caps

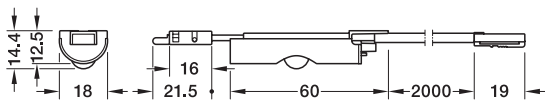
Retaining clip



Door sensor



Motion detector



	Cat. No.
Drawer profile	833.74.835

End cap set

- > Material: ABS plastic, silver coloured
- > Supplied with: 5 sets of end caps,
fixing screws

	Cat. No.
End cap set	833.74.877

Retaining clip

- > Material: Stainless steel, silver coloured
- > Supplied with: 2 pieces

	Cat. No.
Retaining clip	833.74.893

Loox5 door sensor for Häfele Loox drawer profile

Voltage	Switching capacity	Cat. No.
5 12V	60 W	833.89.251
5 24V	90 W	833.89.253

Loox5 motion detector for Häfele Loox drawer profile

- > Delay time: 30 sec.
- > Sensor range: 0–3000 mm

Voltage	Switching capacity	Cat. No.
5 12V	60 W	833.89.252
5 24V	90 W	833.89.254



5 12V 12V

Loox 12 V driver see page 137
Please order 6-piece adapter set 833.95.752
separately see page 237

5 24V 24V

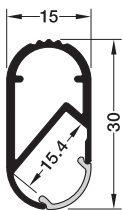
Loox 24 V driver see page 139
Please order 6-piece adapter set 833.77.837
separately see page 237

Wardrobe rail and glass edge profile

Aluminium



Häfele Loox wardrobe rail, asymmetric light distribution

Rail end support,
side panelWardrobe rail,
rail centre support

- > Material: Aluminium
- > Finish/colour: Profile: Silver coloured anodised
Diffuser: Milky
- > Length x width: 2500 x 15 mm
- > Height: 30 mm
- > Supplied with: 1 aluminium profile
1 diffuser milky

	Cat. No.
Häfele Loox wardrobe rail	833.72.790

- ! Suitable for max. 10 mm clip connector width
Not suitable for RGB strip lights

+ Rail end support, side panel

- > Material: Zinc alloy
- > Mounting: For screw fixing to side panel
- > Supplied with: 1 piece

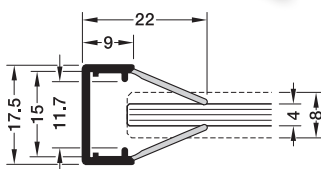
	Cat. No.
Rail end support, side panel	803.33.757

Wardrobe rail, rail centre support

- > Material: Zinc alloy, chrome plated
- > Mounting: For screw fixing
- > Supplied with: 1 piece

	Cat. No.
Wardrobe rail, rail centre support	802.05.200

Häfele Loox glass edge profile



- > Material: Plastic
- > Finish/colour: Profile: Silver coloured
Diffusers: Milky
- > Length x width: 2000 x 17.5 mm
- > Height: 22 mm
- > Application: For screw fixing
- > Supplied with: 1 aluminium profile
2 diffusers milky

	Cat. No.
Glass edge profile	833.74.733

- ! Not load bearing: Shelf supports must be ordered separately
Only suitable for LED strips max. 9.6 W/m

Effect of the glass edge on the light

- > Glass edge with satin finish = even light line
- > Clear glass edge = point light

Plastic profiles for recess mounting

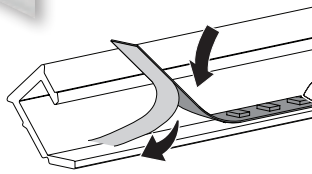
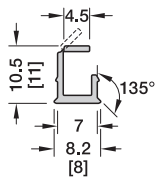
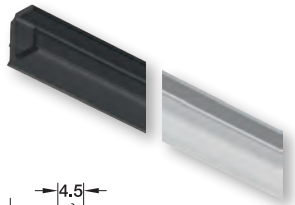
Plastic, straight, 5 mm internal width



Häfele Loox5 profile 1102 / 1101



Häfele Loox5 profile 1102



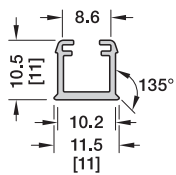
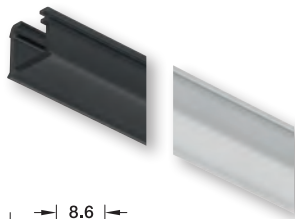
[Routing dimensions]

- > Material: Plastic
- > Length: 3000 mm
- > Supplied with: 1 plastic profile

Colour	Transmittance	Profile 1102	Profile 1101
Black	~20 %	833.95.741	833.72.899
white opal	70-80 %	833.95.740	833.72.898

! Profile 1102 is only suitable for LED flexible strip lights max. 5 mm width
 Profile 1101 is only suitable for LED flexible strip lights max. 8 mm width

Häfele Loox5 profile 1101



LOOK LIGHTING 2020. © Häfele U.K. Ltd 2020. Dimensional data not binding. We reserve the right to alter specifications without notice.

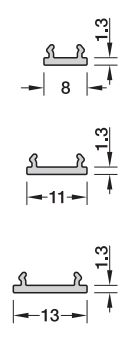


Diffusers, cooling strip

Diffusers Häfele Loox for profiles for recess mounting 1103-1107 as well as for profiles for recess mounting 2101-2104



Dimensions

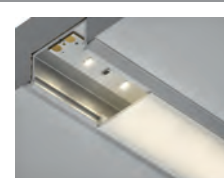
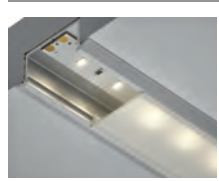


- > Material: Plastic
- > Length: 3000 mm
- > Supplied with: 1 diffuser

Width mm	Transmittance	white opal, 70–80 %	black, ~20 %
8	–	833.95.754	833.95.758
11	833.95.757	833.95.755	833.95.759
13	–	833.95.756	833.95.760

! The white diffuser creates a uniform light. The LED points are invisible from 120 LEDs/m. When using the black diffuser, LED points may be visible. LED points are always visible when the transparent diffuser is used

Diffusers Häfele Loox for profiles with 16 mm internal dimension



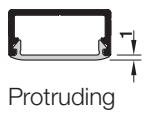
Frosted

Milky

- > Material: Plastic
- > Length: 2500 mm
- > Supplied with: 1 diffuser

Cover	Frosted	Milky
Protruding, for push fitting	833.74.780	833.74.781

! Cannot be used with Loox aluminium profiles 833.74.812, 833.74.813 and 833.74.814 or for aluminium profiles with curved diffuser



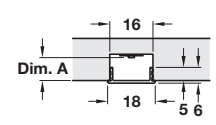
Protruding

Häfele Loox diffuset cover profile for 12V LED flexible strip lights



- > Material: Plastic
- > Length: 2500 mm
- > Mounting: For recess mounting
- > Supplied with: 1 diffuser

Voltage	Cover	Cat. No.
12V	Milky	833.74.794



Dim. A = min. 10 mm so that LED points are not visible

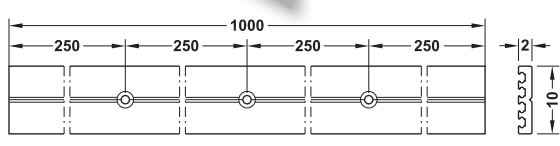
! Only suitable for 12V LED strip lights

Häfele Loox cooling strip



- > Material: Aluminium
- > Length x width: 1000 mm
- > Mounting: Screw fixing, drill holes at 250, 500, 750 mm
- > Supplied with: 1 profile

Cat. No.
833.77.700



! Only suitable for 10 mm wide LED strip lights






Loox5 Downlights



Task light

Illuminate work spaces with > 500 lx at a distance of 500 mm

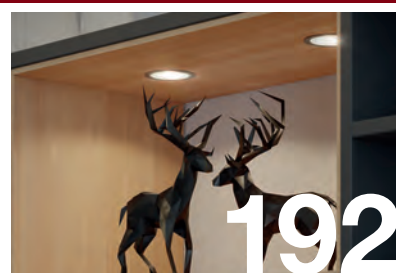
	Model					Page
	LED 2025	12 V	Recess mounted/ surface mounted	Drill hole Ø 58 mm	IP20	3.8 W > 192
	LED 3023	24 V	Surface mounted	Ø 180 mm	IP20	4.8 W > 214
	LED 3025	24 V	Surface mounted	205 x 205 mm	IP20	5.8 W > 215



Ambient light


Stage furnishings with 150–500 lx at a distance of 500 mm

	Model					Page
	LED 3092	24 V	Recess mounted/ surface mounted	Drill hole Ø 58 mm	IP44/20	3.4 W > 192
	LED 2040	12 V	Recess mounted/ surface mounted	Drill hole Ø 35 mm	IP44/20	3.4 W > 196
	LED 2090	12 V	Recess mounted/ surface mounted	Drill hole Ø 26 mm	IP44/20	1.2 W > 198
	LED 3090	24 V				
	LED 2047	12 V	Recess mounted/ surface mounted	Drill hole Ø 55 mm	IP20	3.0 W > 200
	LED 3038	24 V				
	LED 2022	12 V	Recess mounted/ surface mounted	Drill hole Ø 26 mm	IP44/20	1.5 W > 204
	LED 2039	12 V	Recess mounted	Ø 58 mm	IP20	2.5 W > 208
	LED 2050	12 V	Surface mounted	Ø 65 mm	IP20	2.5 W > 212
	LED 2051	12 V	Surface mounted	65 x 65 mm	IP20	2.5 W > 213
	LED 3010	24 V	Recess mounted/ surface mounted	Drill hole Ø 60 mm	IP20	3.3 W > 206
	LED 3035	24 V	Surface mounted	Ø 65 mm	IP20	2.5 W > 213



Accent light

Illuminate non-hazardous traffic areas and corridors or storage spaces with <150 lx at a distance of 500 mm

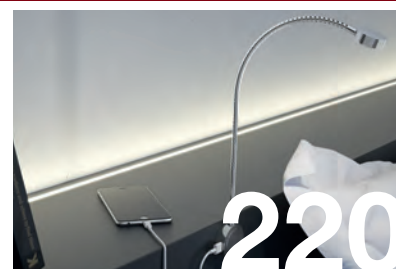
	Model					Page
	LED 2028	12 V	Recess mounted	Drill hole Ø 54 mm	IP44	0.3 W > 221







Flexible surface mounted lights

Model		Page			
	LED 2034	12 V	Surface mounted, with charging station	IP20	1.5 W > 220




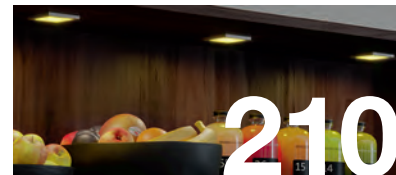
Multi-white lights

Model		Page			
	LED 2091	12 V	Recess mounted/ surface mounted	Drill hole Ø 58 mm	IP44/20 3.4 W > 194
	LED 3091	24 V			
	LED 2048	12 V	Recess mounted/ surface mounted	Drill hole Ø 26 mm	IP20 3.0 W > 202
	LED 3039	24 V			







RGB lights




Model		Page			
	LED 2081	12 V	Surface mounted	65 x 65 mm	IP20 0.7 W > 210
	LED 3081	24 V			



Loox Compatible lights

Model		Page			
	LED SALLY	24 V	Surface mounted	Ø 111 mm	IP20 3.5 W > 216
	LED HARRY	24 V	Surface mounted	110 x 110 mm	IP20 3.5 W > 217
	LED TITAN	12 V	Surface mounted	101 x 201 mm	IP20 6.0 W > 218
	LED POLAR FLAT	24 V	Surface mounted	70 x 190 mm	IP20 5.0 W > 219



	>500 lx
	150–500 lx
	<150 lx



Note:

The illuminance symbol always represents the best value of all colour temperatures and is meant to be for quick guidance only. Please note the specific values of the individual colour temperatures and the refraction angle before ordering!

Loox5 downlights

Recess or surface mounted, modular monochrome, drill hole Ø: 58 mm



Häfele Loox5 LED 2025 / 3092



LED 2092 and LED 3092, equipped with high-quality Samsung LEDs

- > Dimmable: Yes
- > Material: Aluminium
- > Energy efficiency class: A+
- > Degree of protection: IP44 as recess mounted downlight; IP20 as surface mounted downlight
- > Mounting: For mounting in drilled hole, for clamp fixing or for screw fixing
- > Drill hole Ø: 58 mm
- > Supplied with: 1 light module

2700 K	3000 K	4000 K	5000 K	80°	
2600 lx	2650 lx	2700 lx	2800 lx		250 mm
730 lx	750 lx	780 lx	800 lx		500 mm
320 lx	350 lx	345 lx	350 lx		750 mm
180 lx	185 lx	185 lx	190 lx		1000 mm

LED 2025

2700 K	3000 K	4000 K	5000 K	80°	
1870 lx	1990 lx	2025 lx	2135 lx		250 mm
500 lx	540 lx	540 lx	580 lx		500 mm
210 lx	230 lx	235 lx	240 lx		750 mm
120 lx	125 lx	130 lx	135 lx		1000 mm

LED 3092

Note
The IP44 degree of protection is reduced to IP20 when surface mounting with bezel or recess mounting with through hole

5 12V Loox5 12 V driver see page 259

5 24V Loox5 24 V driver see page 260

For recess or surface mounting order bezels separately see page 193

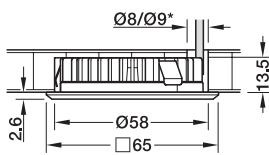
Order lead with snap-in connector separately see page 193

Häfele Loox5 2025 / 3092

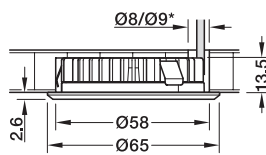
Voltage V	Number of LEDs	Colour temperature K	Wattage W	Luminous flux lm	Luminous efficacy lm/W	Colour rendering index CRI		Weighted energy consumption kWh/1000 h	Cat. No.
						R _a	R ₉		
5 12V	Häfele Loox5 LED 2025 (compatible with Loox5 lead with snap-in connector)								
	1	2700	3.8	270	71	>90	-	4.18	833.72.350
		3000	3.8	300	78	>90	-	4.18	833.72.351
		4000	3.8	306	80	>90	-	4.18	833.72.352
5000		3.8	345	90	>83	-	4.18	833.72.323	
5 24V	Häfele Loox5 LED 3092								
	6	2700	3.4	220	65	>90	>55	3.74	833.75.174
		3000	3.4	240	71	>90	>55	3.74	833.75.175
		4000	3.4	250	74	>90	>55	3.74	833.75.176
5000		3.4	260	76	>90	>55	3.74	833.75.177	



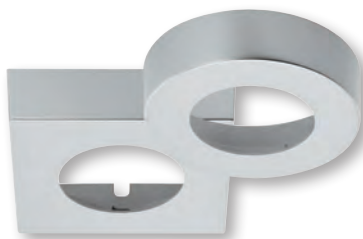
Recess mounted bezel



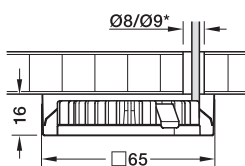
Recess mounting, square



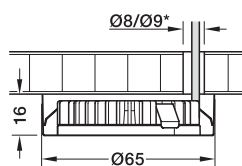
Recess mounting, round



Surface mounted bezel



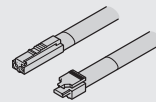
Surface mounting, square



Surface mounting, round

Housings are suitable for monochrome lights and for multi-white lights

* valid for multi-white plugs



> Lead, 1.5 A/24 AWG, with snap-in connector

Voltage	Length	Cat. No.
5 12V	1000 mm	833.95.789
	2000 mm	833.95.788
5 24V	2000 mm	833.95.791



> Bezel for recess mounting, plastic

Colour	Round	Square
Anthracite	833.72.380	833.72.383
Stainless steel coloured	833.72.382	833.72.385
Silver coloured	833.72.126	833.72.127



> Bezel for surface mounting, plastic

Colour	Round	Square
Anthracite	833.72.193	833.72.195
Stainless steel coloured	833.72.194	833.72.197
Silver coloured	833.72.124	833.72.125

Loox5 downlights

Recess or surface mounted, modular multi-white, drill hole Ø 58 mm



Häfele Loox5 LED 2091 / 3091



Equipped with high-quality Samsung LEDs

- > Dimmable: Yes
- > Material: Aluminium
- > Energy efficiency class: A+
- > Degree of protection: IP44 as recess mounted downlight; IP20 as surface mounted downlight
- > Mounting: For mounting in drilled hole, for clamp fixing or for screw fixing
- > Drill hole Ø: 58 mm
- > Supplied with: 1 light module



Note

The IP44 degree of protection is reduced to IP20 when surface mounting with bezel or recess mounting with through hole



5 12V

Loox5 12 V driver see page 259

5 24V

Loox5 24 V driver see page 260



For recess or surface mounting order bezels separately see page 195

Order lead with snap-in connector separately see page 195

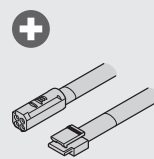
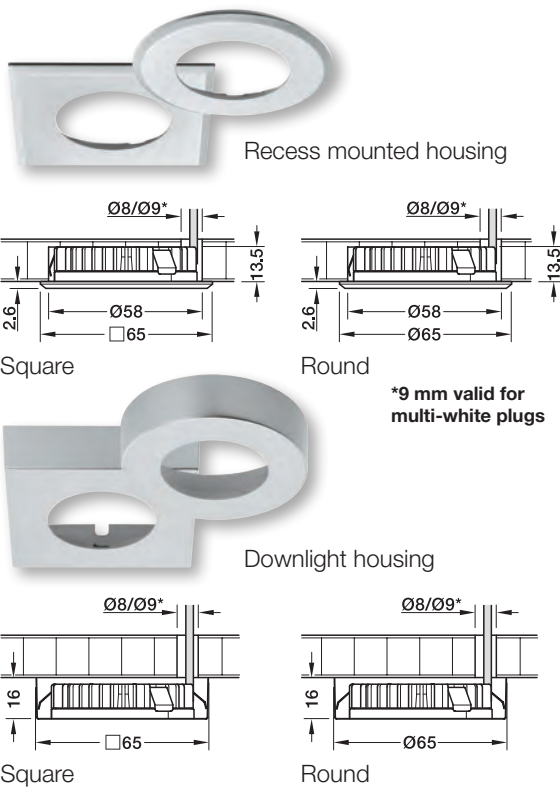


Colour control only via 6-way distributor Häfele Connect Mesh with multi-white adapter and remote control or smart phone. Please order separately, see Connect Mesh page 195

2700 K		5000 K		80°	
2000 lx	2100 lx			250 mm	
520 lx	550 lx			500 mm	
220 lx	235 lx			750 mm	
120 lx	125 lx			1000 mm	

Häfele Loox5 LED 2091 / 3091

Voltage V	Number of LEDs	Colour temperature K	Wattage W	Luminous flux lm	Luminous efficacy lm/W	Colour rendering index CRI		Weighted energy consumption kWh/1000 h	Cat. No.
						R _a	R ₉		
5^{12V}	Häfele Loox5 LED 2091								
	12	2700 5000	3.4	240 270	72 80	>90	>55	3.74	833.72.478
5^{24V}	Häfele Loox5 LED 3091								
	12	2700 5000	3.4	240 270	72 80	>90	>55	3.74	833.75.178



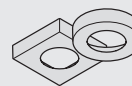
> Lead, 1.5 A/24 AWG, with snap-in connector for multi-white lights

Voltage	Length	Cat. No.
5^{12V}	2000 mm	833.95.787
5^{24V}	2000 mm	833.95.790



> Bezel for recess mounting, plastic

Colour	Round	Square
Anthracite	833.72.380	833.72.383
Stainless steel coloured	833.72.382	833.72.385
Silver coloured	833.72.126	833.72.127



> Bezel for surface mounting, plastic

Colour	Round	Square
Anthracite	833.72.193	833.72.195
Stainless steel coloured	833.72.194	833.72.197
Silver coloured	833.72.124	833.72.125



Housings are suitable for monochrome lights and for multi-white lights



> Häfele Connect Mesh 6-way distributor, with switching function

Voltage	Max. connected wattage W	Cat. No.
5^{12V}	60	850.00.042
5^{24V}	90	850.00.043



> Häfele Connect Mesh remote control 12/24 V

	Cat. No.
Remote control 12/24 V	850.00.040



> Häfele Connect Mesh multi-white adapter, 6x output ports device sockets multi-white

Voltage	Max. connected wattage W	Cat. No.
5^{12V}	60	833.95.745
5^{24V}	90	833.77.830



> Häfele Connect Mesh push button, wall mounted 12/24 V

	Cat. No.
Push button 12/24 V	850.00.041

Loox5 downlights

Recess or surface mounted, modular monochrome, drill hole Ø 35 mm

7
YEARS



Häfele Loox5 LED 2040



- > Dimmable: Yes
- > Material: Aluminium
- > Energy efficiency class: A+
- > Degree of protection: IP44 as recess mounted downlight; IP20 as surface mounted downlight
- > Mounting: For mounting in drilled hole, for clamp fixing or for screw fixing
- > Drill hole Ø: 35 mm
- > Supplied with: 1 light module

Note
The IP44 degree of protection is reduced to IP20 when surface mounting with bezel or recess mounting with through hole

5 12V Loox5 12 V driver see page 259

For recess or surface mounting order bezels separately see page 197

Order lead with snap-in connector separately see page 197

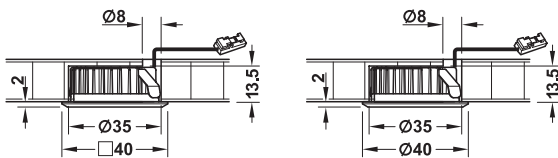
2700 K	3000 K	4000 K	5000 K	90°	
530 lx	660 lx	720 lx	800 lx		250 mm
135 lx	180 lx	185 lx	220 lx		500 mm
55 lx	80 lx	85 lx	95 lx		750 mm
35 lx	40 lx	50 lx	55 lx		1000 mm

Häfele Loox5 LED 2040

Voltage	Number of LEDs	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI R _a	Weighted energy consumption kWh/1000 h	Cat. No.
V	LEDs	K	W	lm	lm/W			
5 12V	3	2700	1.5	75	50	90	1.65	833.72.370
		3000	1.5	88	59	90	1.65	833.72.371
		4000	1.5	96	64	90	1.65	833.72.372
		5000	1.5	110	73	83	1.65	833.72.333

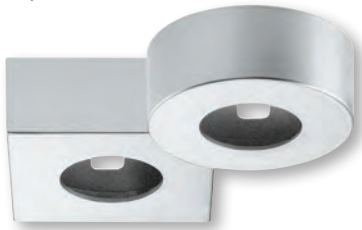


Recess mounted bezel

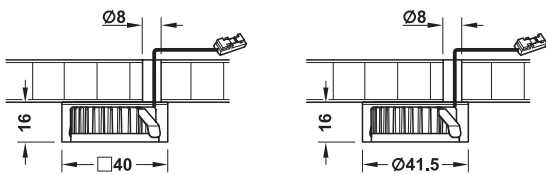


Square

Round

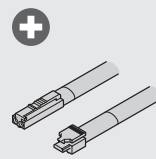


Surface mounted bezel



Square

Round



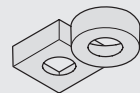
> Lead, 1.5 A/24 AWG, with snap-in connector

Voltage	Length	Cat. No.
5 12V	1000 mm	833.95.789
	2000 mm	833.95.788



> Bezel for recess mounting, plastic

Colour	Round	Square
Silver coloured	833.72.145	833.72.146



> Bezel for surface mounting, plastic

Colour	Round	Square
Silver coloured	833.72.143	833.72.144

Loox5 downlights

Recess or surface mounted, monochrome, drill hole Ø 26 mm



> Narrow beam angle for staging objects

Equipped with high-quality Samsung LEDs

- > Dimmable: Yes
- > Material: Aluminium
- > Energy efficiency class: A+
- > Degree of protection: IP44 as recess mounted downlight; IP20 as surface mounted downlight
- > Mounting: For mounting in drilled hole, for clamp fixing or for screw fixing
- > Drill hole Ø: 26 mm

2700 K	3000 K	4000 K	5000 K	55°	
930 lx	990 lx	1005 lx	1005 lx		250 mm
230 lx	240 lx	250 lx	260 lx		500 mm
95 lx	100 lx	110 lx	115 lx		750 mm
50 lx	55 lx	60 lx	60 lx		1000 mm

LED 2090

2700 K	3000 K	4000 K	5000 K	55°	
825 lx	870 lx	935 lx	940 lx		250 mm
220 lx	225 lx	235 lx	245 lx		500 mm
95 lx	95 lx	100 lx	105 lx		750 mm
50 lx	55 lx	55 lx	60 lx		1000 mm

LED 3090

Note
The IP44 degree of protection is reduced to IP20 when surface mounting with bezel or recess mounting with through hole

5 12V Loox5 12 V driver see page 259

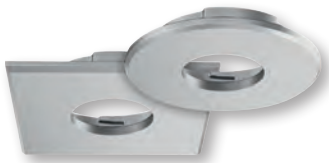
5 24V Loox5 24 V driver see page 260

➔ For recess or surface mounting order bezels separately see page 199

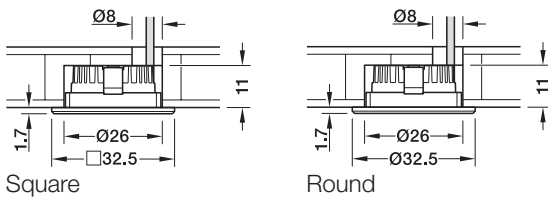
Order lead with snap-in connector separately see page 199

Häfele Loox5 LED 2090 / 3090

Voltage V	Number of LEDs	Colour temperature K	Wattage W	Luminous flux lm	Luminous efficacy lm/W	Colour rendering index CRI		Weighted energy consumption kWh/1000 h	Cat. No.
						R _a	R ₉		
5 ^{12V}	Häfele Loox5 LED 2090								
	1	2700	1.2	80	67	>90	>60	1.32	833.72.470
		3000	1.2	90	75	>90	>60	1.32	833.72.471
		4000	1.2	95	79	>90	>60	1.32	833.72.472
5000		1.2	100	83	>90	>60	1.32	833.72.473	
5 ^{24V}	Häfele Loox5 LED 3090								
	1	2700	1.2	75	63	>90	>60	1.32	833.75.170
		3000	1.2	80	67	>90	>60	1.32	833.75.171
		4000	1.2	80	67	>90	>60	1.32	833.75.172
5000		1.2	85	71	>90	>60	1.32	833.75.173	

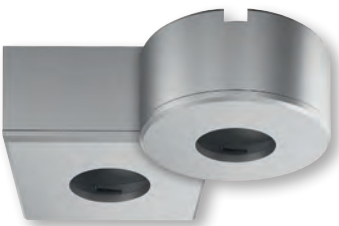


Recess mounted bezel

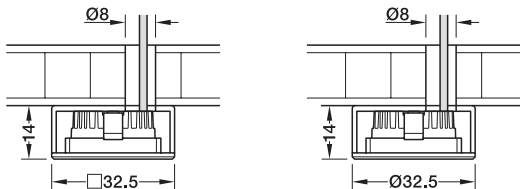


Square

Round

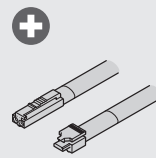


Surface mounted bezel



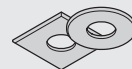
Square

Round



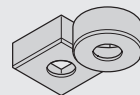
> Lead, 1.5 A/24 AWG, with snap-in connector

Voltage	Length	Cat. No.
5 ^{12V}	1000 mm	833.95.789
	2000 mm	833.95.788
5 ^{24V}	2000 mm	833.95.791



> Bezel for recess mounting, plastic

Colour	Round	Square
Anthracite	833.89.226	833.89.233
Matt nickel plated	833.89.223	833.89.230
Silver coloured	833.89.222	833.89.229



> Bezel for surface mounting, plastic

Colour	Round	Square
Anthracite	833.89.240	833.89.247
Matt nickel plated	833.89.237	833.89.244
Silver coloured	833.89.236	833.89.243

Loox5 downlights

Recess or surface mounted, monochrome, drill hole Ø: 55 mm

7
YEARS



Häfele Loox5 LED 2047 / 3038



- > Dimmable: Yes
- > Material: Steel
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: For mounting in drilled hole, for clamp fixing or for screw fixing
- > Drill hole Ø: 55 mm
- > Supplied with: 1 light with 2 m lead

3000 K	4000 K	5000 K	120°	
560 lx	570 lx	670 lx		250 mm
210 lx	215 lx	245 lx		500 mm
115 lx	115 lx	135 lx		750 mm
75 lx	75 lx	90 lx		1000 mm

LED 2047

3000 K	4000 K	5000 K	120°	
580 lx	590 lx	710 lx		250 mm
220 lx	220 lx	265 lx		500 mm
115 lx	115 lx	140 lx		750 mm
75 lx	75 lx	100 lx		1000 mm

LED 3038

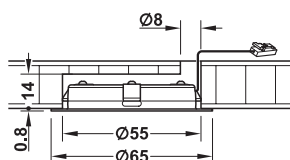
5 12V Loox5 12 V driver see page 259

5 24V Loox5 24 V driver see page 260

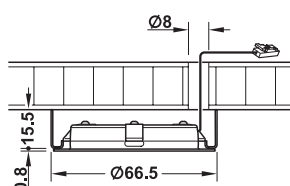
For surface mounting order bezels separately see page 201

Häfele Loox5 LED 2047 / 3038

Voltage V	Number of LEDs	Colour temperature K	Wattage W	Luminous flux lm	Luminous efficacy lm/W	Colour rendering index CRI R _a	Weighted energy consumption kWh/1000 h	Polished chrome plated	Silver coloured	Stainless steel coloured
5 12V	Häfele Loox5 LED 2047									
	24	3000	3	210	70	90	3.3	833.70.200	833.70.197	833.70.201
		4000	3	216	72	90	3.3	833.70.202	833.70.198	833.70.203
5000		3	240	80	83	3.3	833.70.204	833.70.199	833.70.205	
5 24V	Häfele Loox5 LED 3038									
	24	3000	3	215	72	90	3.3	833.70.290	833.70.287	833.70.284
		4000	3	225	75	90	3.3	833.70.291	833.70.288	833.70.285
5000		3	245	82	83	3.3	833.70.292	833.70.289	833.70.286	



Recess mounting

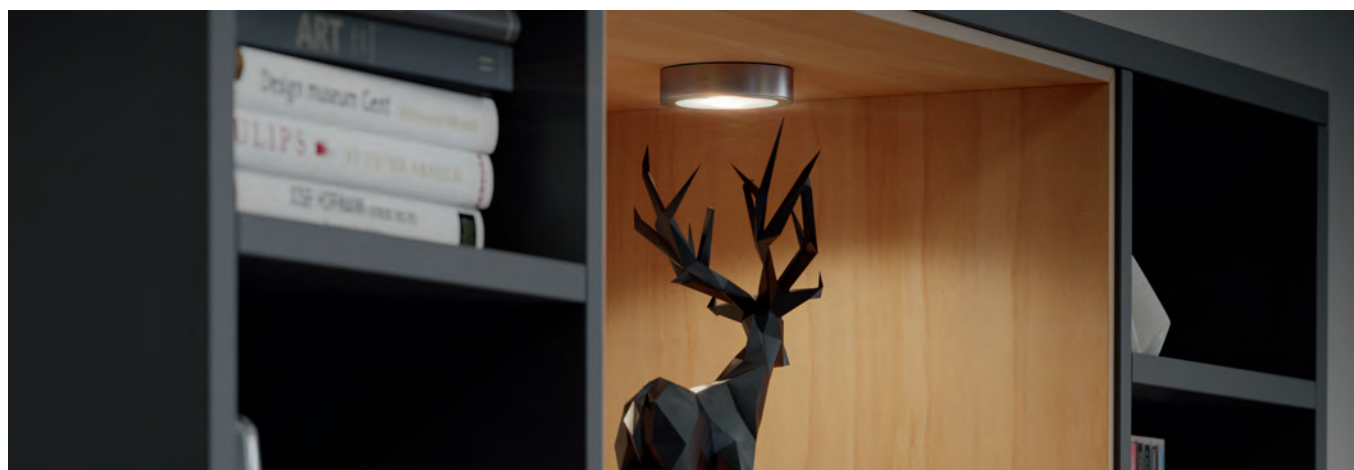


Surface mounting



> Bezel for surface mounting, plastic

Colour	Cat. No.
Stainless steel coloured	833.72.804
Silver coloured	833.72.803
Polished chrome plated	833.72.802



Loox5 downlights

Recess or surface mounted, multi-white, drill hole Ø: 55 mm



Häfele Loox5 LED 2048 / 3039



> Dimmable via multi-white mixer

- > Material: Steel
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: For mounting in drilled hole, for clamp fixing or for screw fixing
- > Drill hole Ø: 55 mm
- > Supplied with: 1 light with 2 m multi-white lead

5 12V Loox5 12 V driver see page 259

5 24V Loox5 24 V driver see page 260

Colour control only via 6-way distributor Häfele Connect Mesh with multi-white adapter and remote control or smartphone. Please order separately, see page 203

For surface mounting order bezels separately see page 203

2700 K		5000 K		120°	
290 lx	345 lx			250 mm	
110 lx	130 lx			500 mm	
60 lx	70 lx			750 mm	
40 lx	45 lx			1000 mm	

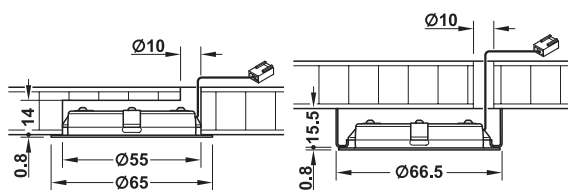
LED 2048

2700 K		5000 K		120°	
335 lx	350 lx			250 mm	
125 lx	130 lx			500 mm	
70 lx	70 lx			750 mm	
45 lx	45 lx			1000 mm	

LED 3039

Häfele Loox5 LED 2048 / 3039

Voltage V	Number of LEDs	Colour temperature K	Wattage W	Luminous flux lm	Luminous efficacy lm/W	Colour rendering index CRI R _a	Weighted energy consumption kWh/1000 h	Stainless steel coloured	Silver coloured	Polished chrome plated
5 12V	Häfele Loox5 LED 2048									
	60	2700 5000	3	255	85	90 83	3.3	833.72.403	833.72.402	833.72.401
5 24V	Häfele Loox5 LED 3039									
	60	2700 5000	3	258	85	90 83	3.3	833.75.163	833.75.162	833.75.161



Recess mounting

Surface mounting



> Bezel for surface mounting, plastic

Colour	Cat. No.
Stainless steel coloured	833.72.804
Silver coloured	833.72.803
Polished chrome plated	833.72.802



> Häfele Connect Mesh 6-way distributor, with switching function

Voltage	Max. connected wattage W	Cat. No.
5 12V	60	850.00.042
5 24V	90	850.00.043



> Häfele Connect Mesh remote control 12/24 V

Remote control 12/24 V	Cat. No.
	850.00.040



> Häfele Connect Mesh multi-white adapter, 6x output ports device sockets multi-white

Voltage	Max. connected wattage W	Cat. No.
5 12V	60	833.95.745
5 24V	90	833.77.830



> Häfele Connect Mesh push button, wall mounted 12/24 V

Push button 12/24 V	Cat. No.
	850.00.041

Loox5 downlights

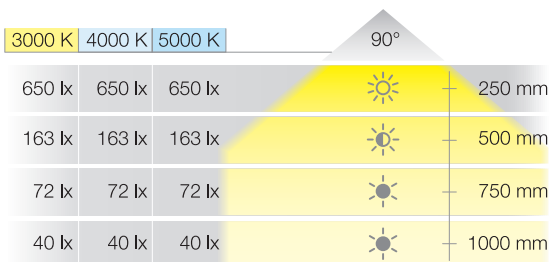
Recess or surface mounted, monochrome, drill hole Ø: 26 mm



Häfele Loox5 LED 2022



- > Dimmable: Yes
- > Material: Aluminium
- > Energy efficiency class: A+
- > Degree of protection: IP44 as recess mounted downlight; IP20 with downlight bezel (surface mounted downlight)
- > Number of LEDs: 3
- > Mounting: For mounting in drilled hole, for clamp fixing or for screw fixing
- > Drill hole Ø: 26 mm
- > Supplied with: 1 light with 2 m lead



5 12V Loox5 12 V driver see page 259

The IP44 degree of protection is reduced to IP20 when surface mounting with bezel or recess mounting with through hole

For surface mounting order bezels separately see page 205

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI R _a	Weighted energy consumption kWh/1000 h	Silver coloured anodised	Polished chrome plated
V	K	W	lm	lm/W				
5 12V	3000	1.5	105	70	82	1.65	833.70.206	833.70.209
	4000	1.5	105	70	87	1.65	833.70.207	833.70.210
	5000	1.5	105	70	88	1.65	833.70.208	833.70.211

Häfele Loox5 LED 2022



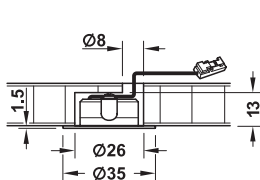
> Bezel for surface mounting, round, plastic

Colour	Cat. No.
Silver coloured anodised	833.72.831
Chrome plated	833.72.830

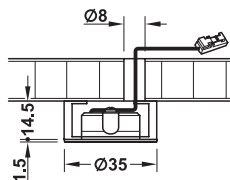


> Bezel for surface mounting, wedge-shaped, plastic

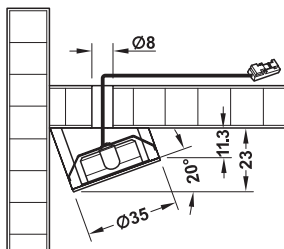
Colour	Cat. No.
Silver coloured anodised	833.72.832
Chrome plated	833.72.833



Recess mounting



Surface mounting



Loox5 downlights

Recess or surface mounted, monochrome, drill hole Ø: 60 mm



Häfele Loox5 LED 3010



- > Dimmable: Yes
- > Version: With frosted and clear glass cover for individual replacement
- > Material: Aluminium, silver coloured anodised
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 1
- > Mounting: For mounting in drilled hole, for clamp fixing or for screw fixing
- > Drill hole Ø: 60 mm
- > Supplied with: 1 light with 1 glass pane clear/matt, 2 m lead incl. fixing material



5 24V

Loox5 24 V driver see page 260



Note

When selecting the driver and controls, please note that the power consumption briefly rises to 5 W per light when the light is switched on



For surface mounting order bezel or downlight housing separately see page 207

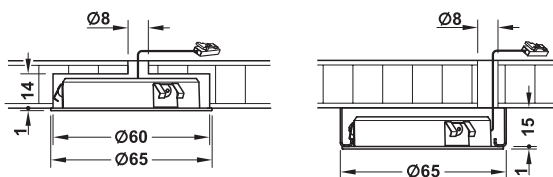
3000 K	4000 K	6500 K		105°
1240 lx	1325 lx	1350 lx		250 mm
310 lx	331 lx	338 lx		500 mm
138 lx	147 lx	150 lx		750 mm
78 lx	83 lx	84 lx		1000 mm

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Weighted energy consumption	Cat. No.
V	K	W	lm	lm/W	R _a	kWh/1000 h	
5 24V	3000	3.25	250	77	82	3.58	833.70.228
	4000	3.25	267	82	84	3.58	833.70.229
	6000	3.25	271	83	83	3.58	833.70.230

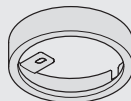
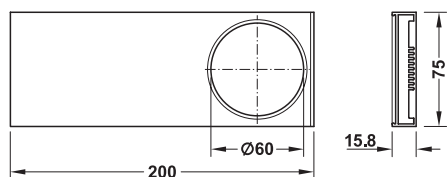
Häfele Loox5 LED 3010



Surface mounting bezel

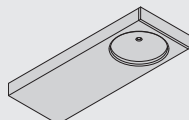


Surface mounted downlight housing



> Surface mounting bezel, aluminium

Finish	Cat. No.
Silver coloured	833.77.730



> Downlight housing, aluminium

Finish	Cat. No.
Silver coloured	833.77.731

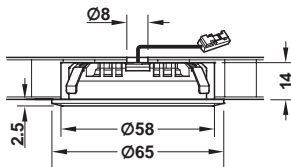
Loox5 downlights

Recess mounted, IP65 rating, monochrome, drill hole Ø: 58 mm

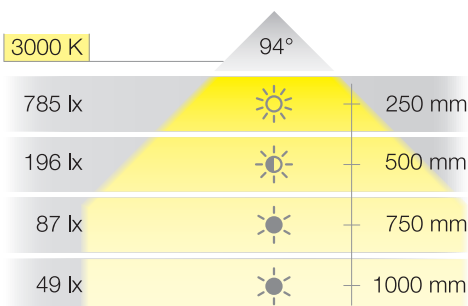
7
YEARS



Häfele Loox5 LED 2039



- > Dimmable: Yes
- > Material: Zinc alloy
- > Energy efficiency class: A
- > Degree of protection: IP65 after installation
- > Number of LEDs: 18
- > Mounting: For mounting in drilled hole, for clamp fixing
- > Drill hole Ø: 58 mm
- > Supplied with: 1 light with 4 m lead



5 12V

Loox5 12 V driver see page 259

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI R _a	Weighted energy consumption kWh/1000 h	Matt nickel plated	Chrome plated
V	K	W	lm	lm/W				
5 12V	3000	2.5	125	50	85	2.75	833.70.226	833.70.227

Loox5 downlights

Surface mounted, monochrome, 65 x 65 mm



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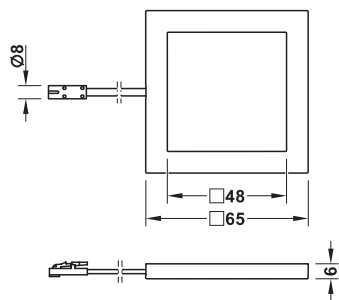
POWER

TECHNICAL ADVICE

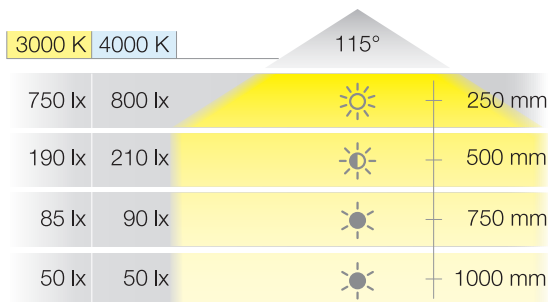
Häfele Loox LED 2051



EXTRA SLIM
6 mm



- > Dimmable: Yes
- > Material: Plastic, silver coloured
- > Length x width: 65 x 65 mm
- > Height: 6 mm
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 8
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead, including fixing materials



Loox5 12 V driver see page 259

Also available as RGB light (12 V or 24 V), see page 210

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Weighted energy consumption	Cat. No.
V	K	W	lm	lm/W	R _a	kWh/1000 h	
5 12V	3000	2.5	190	76	90	2.75	833.70.214
	4000	2.5	200	80	90	2.75	833.70.215

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Loox5 downlights

Surface mounted, RGB, 65 x 65 mm




Häfele Loox5 LED 2081 / 3081

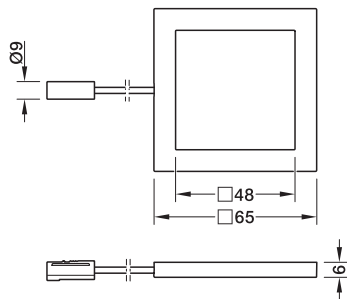


- > Material: Plastic
- > Length x width: 65 x 65 mm
- > Height: 6 mm
- > Degree of protection: IP20
- > Refraction angle: 115°
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead, including fixing materials

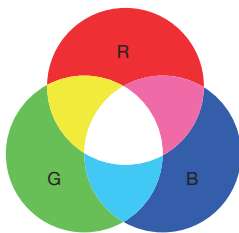
 **5 12V** Loox5 12 V driver see page 259

 **5 24V** Loox5 24 V driver see page 260

 Colour control only via 6-way distributor Häfele Connect Mesh with RGB adapter and remote control or smartphone. Please order separately, see page 211



Colour mixing



RGB lights

- > Mix any combination of intensive light colours
- > Creative decorative effects
- > Create an invigorating or relaxing atmosphere

Häfele Loox5 LED 2081 / 3081

Voltage V	Number of LEDs	Colour temperature K	Wattage W	Luminous flux lm	Luminous efficacy lm/W	Weighted energy consumption kWh/1000 h	Cat. No.
5 12V Häfele Loox5 LED 2081							
	6	RGB	0.7	20	29	0.77	833.74.127
5 24V Häfele Loox5 LED 3081							
	6	RGB	0.7	20	29	0.77	833.77.230



> Häfele Connect Mesh 6-way distributor, with switching function

Voltage	Max. connected wattage W	Cat. No.
5 12V	60	850.00.042
5 24V	90	850.00.043



> Häfele Connect Mesh remote control 12/24 V

	Cat. No.
Remote control 12/24 V	850.00.040



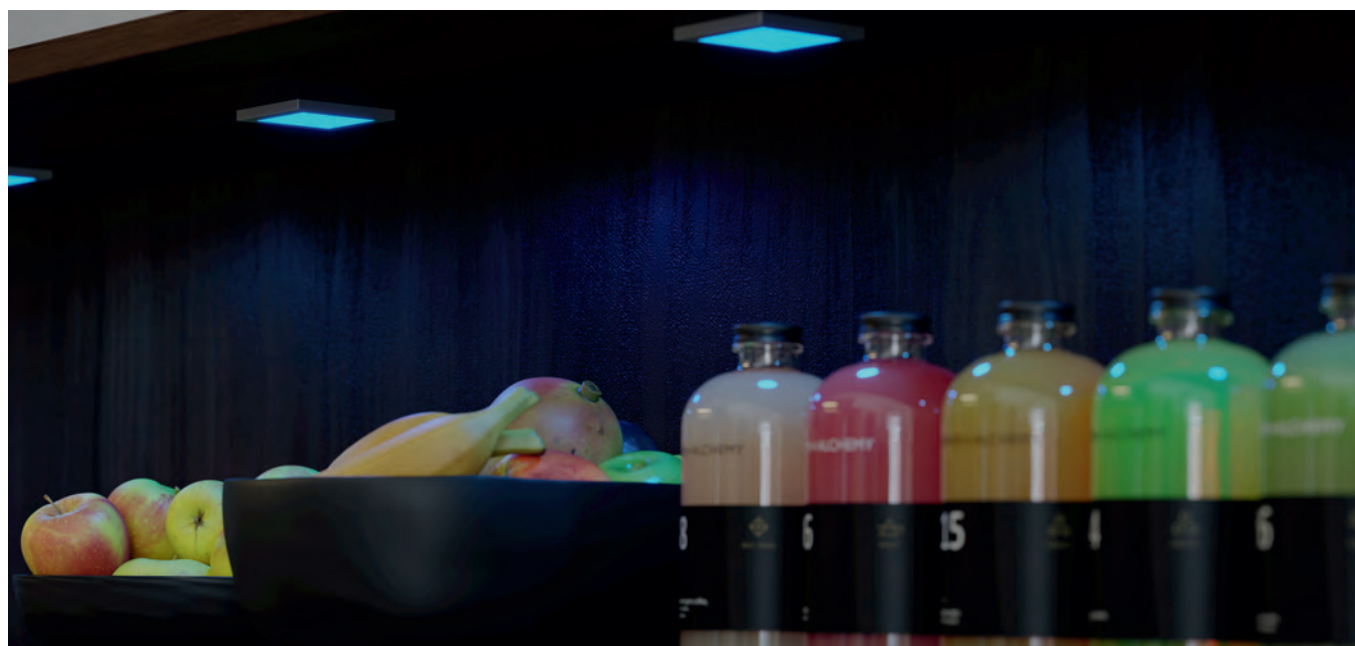
> Häfele Connect Mesh RGB adapter, 6x output ports device sockets RGB

Voltage	Max. connected wattage W	Cat. No.
5 12V	60	833.95.746
5 24V	90	833.77.831



> Häfele Connect Mesh push button, wall mounted 12/24 V

	Cat. No.
Push button 12/24 V	850.00.041



Loox5 downlights

Surface mounted, monochrome, Ø 65 mm

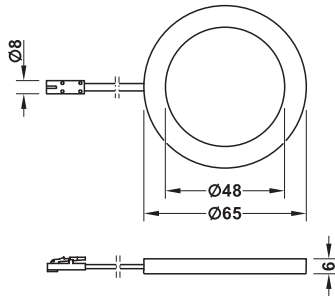
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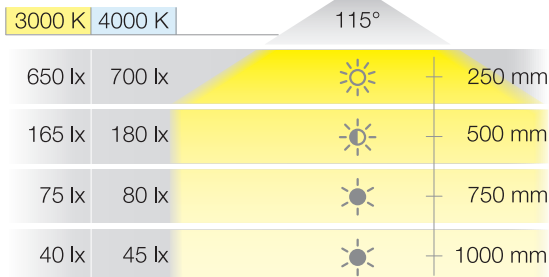
Häfele Loox LED 2050



EXTRA
SLIM
6 mm



- > Dimmable: Yes
- > Material: Plastic, silver coloured
- > Diameter: 65 mm
- > Height: 6 mm
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 8
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead, including fixing materials



5 12V Loox5 12 V driver see page 259

5 24V Also available as 24 V light see page 213

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Weighted energy consumption	Cat. No.
V	K	W	lm	lm/W	R _a	kWh/1000 h	
5 12V	3000	2.5	170	68	90	2.75	833.70.212
	4000	2.5	180	72	90	2.75	833.70.213

Loox5 downlights

Surface mounted, monochrome, Ø 65 mm



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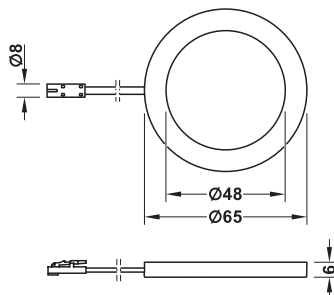
POWER

TECHNICAL ADVICE

Häfele Loox LED 3035



EXTRA SLIM
6 mm



- > Dimmable: Yes
- > Material: Plastic, silver coloured
- > Diameter: 65 mm
- > Height: 6 mm
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 8
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead, including fixing materials

3000 K	4000 K	115°	
650 lx	700 lx		250 mm
165 lx	180 lx		500 mm
75 lx	80 lx		750 mm
40 lx	45 lx		1000 mm

5 24 V Loox5 24 V driver see page 260

5 12 V Also available as 12 V light see page 212

Voltage V	Colour temperature K	Wattage W	Luminous flux lm	Luminous efficacy lm/W	Colour rendering index CRI R _a	Weighted energy consumption kWh/1000 h	Cat. No.
5 24 V	3000	2.5	170	68	90	2.75	833.70.235
	4000	2.5	180	72	90	2.75	833.70.236

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Loox5 downlights

Surface mounted, monochrome, Ø 180 mm

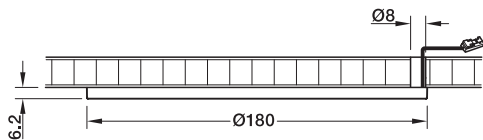
7
YEARS



Häfele Loox5 LED 3023



EXTRA
SLIM



- > Dimmable: Yes
- > Material: Plastic, silver coloured
- > Height: 6.2 mm
- > Energy efficiency class: A++
- > Degree of protection: IP20
- > Number of LEDs: 77
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead, including fixing materials

3000 K	4000 K	110°	
1874 lx	2273 lx		250 mm
468 lx	568 lx		500 mm
208 lx	252 lx		750 mm
117 lx	142 lx		1000 mm



5 24 V

Loox5 24 V driver see page 260

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Weighted energy consumption	Cat. No.
V	K	W	lm	lm/W	R _a	kWh/1000 h	
5 24 V	3000	4.8	362	75	82	5.50	833.70.231
	4000	4.8	408	85	82	5.50	833.70.232

Loox5 downlights

Surface mounted, monochrome, 205 x 205 mm



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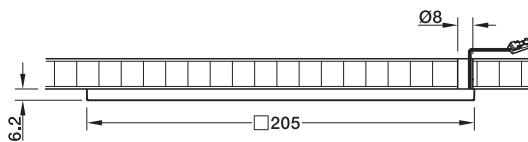
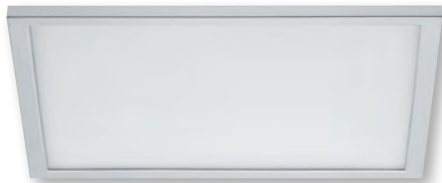
POWER

TECHNICAL ADVICE

Häfele Loox5 LED 3025



EXTRA SLIM



- > Dimmable: Yes
- > Material: Plastic, silver coloured
- > Length x width: 205 x 205 mm
- > Height: 6.2 mm
- > Energy efficiency class: A++
- > Degree of protection: IP20
- > Number of LEDs: 70
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead, including fixing materials

3000 K	4000 K	110°	
2153 lx	2581 lx	250 mm	☀
538 lx	645 lx	500 mm	☀
239 lx	286 lx	750 mm	☀
134 lx	161 lx	1000 mm	☀

Loox5 24 V driver see page 260

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Weighted energy consumption	Cat. No.
V	K	W	lm	lm/W	R _a	kWh/1000 h	
5 24V	3000	5.8	430	74	82	7.15	833.70.233
	4000	5.8	530	91	82	7.15	833.70.234

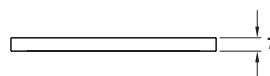
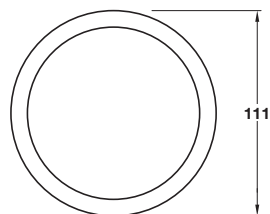
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Loox5 Compatible downlights

Surface mounted, monochrome, Ø 111 mm

Loox5 Compatible LED SALLY



3000 K	4000 K	70°	
1000 lx	1000 lx		300 mm
400 lx	400 lx		500 mm

- > Dimmable: Yes
- > Material: Plastic, silver coloured
- > Height: 7.0 mm
- > Energy efficiency class: A
- > Degree of protection: IP20
- > Number of LEDs: LED module with a laser etched panel provides a no-dot light effect
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead with Loox5 24V connector, including fixing materials



5 24V

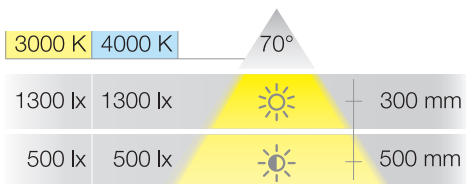
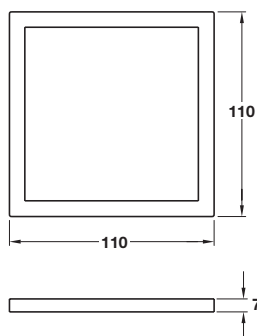
Loox5 24 V driver see page 260

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI R _a	Cat. No.
V	K	W	lm	lm/W		
5 24V	3000	3.5	195	55	>80	833.70.222
	4000	3.5	195	55	>80	833.70.223

Loox5 Compatible downlights

Surface mounted, monochrome, 110 x 110 mm

Loox5 Compatible LED HARRY



- > Dimmable: Yes
- > Material: Plastic, silver coloured
- > Height: 7.0 mm
- > Energy efficiency class: A
- > Degree of protection: IP20
- > Number of LEDs: LED module with a laser etched panel provides a no-dot light effect
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead with Loox5 24V connector, including fixing materials



5 24V

Loox5 24 V driver see page 260

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI R _a	Cat. No.
V	K	W	lm	lm/W		
5 24V	3000	3.5	230	65	>80	833.70.220
	4000	3.5	230	65	>80	833.70.221



Loox5 Compatible downlights

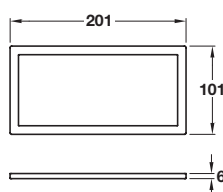
Surface mounted, monochrome, 101 x 201 mm



Loox5 Compatible LED Titan



EXTRA
FLAT
6 mm



- > Area of application: Surface mounting, for under cabinet lighting
- > Dimmable: Yes
- > Material: Aluminium
- > Height: 6.0 mm
- > Energy efficiency class: A
- > Degree of protection: IP20
- > Number of LEDs: 54
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead with Loox5 12V connector, including fixing materials

3000 K	4000 K	70°	
1350 lx	1600 lx		300 mm
500 lx	585 lx		500 mm



5 12V

Loox5 24 V driver see page 259

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Cat. No.
V	K	W	lm	lm/W	R _a	
5 12V	3000	6.0	240	40	90	833.70.224
	4000	6.0	270	45	90	833.70.225

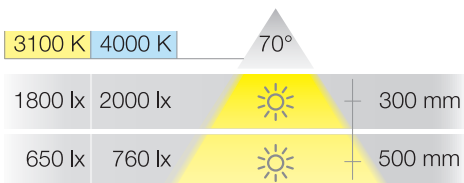
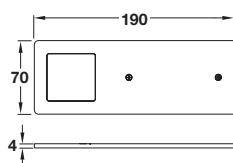
Loox5 Compatible downlights

Surface mounted, monochrome, 70 x 190 mm

Loox5 Compatible LED POLAR FLAT



EXTRA FLAT



- > Dimmable: Yes
- > Material: Aluminium
- > Height: 4.0 mm
- > Energy efficiency class: A++
- > Degree of protection: IP20
- > Number of LEDs: Silver version: multi diode effect; 24 diodes
Black version: LED module with a laser etched panel provides a no-dot light effect
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2 m lead with Loox5 24V connector, including fixing materials

Loox5 24 V driver see page 260

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI	Silver anodised	Black
V	K	W	lm	lm/W	R _a		
	3100	5.0	375	75	80	833.70.216	833.70.218
	4000	5.0	400	80	80	833.70.217	833.70.219

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Loox5 flexible spot lights

Surface mounted, monochrome with USB

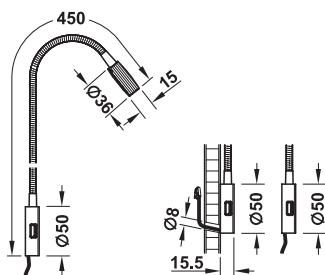
7
YEARS



Häfele Loox5 LED 2034



WITH USB
CHARGING
STATION



- > Dimmable: Yes
- > Version: Integrated twin USB charging station
5 V / 2 A, integrated push switch
for 2 brightness levels
- > Material: Aluminium
- > Length x width: 450 x 50 mm
- > Height: 15.5 mm
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 3
- > Colour temperature: 4000 K (cool white)
- > Wattage: Max. 17 W (light: 1.5)
- > Luminous flux: 105 lm
- > Luminous efficacy: 70 (lm/W)
- > Mounting: For screw fixing beneath magnetic cover
- > Supplied with: 1 light with 2 m lead,
including fixing materials



5 12V

Loox5 12 V driver see page 259

Min. 20 W driver per light for optimum operation of the
USB charging station

4000 K	90°	
650 lx		250 mm
163 lx		500 mm
72 lx		750 mm
40 lx		1000 mm

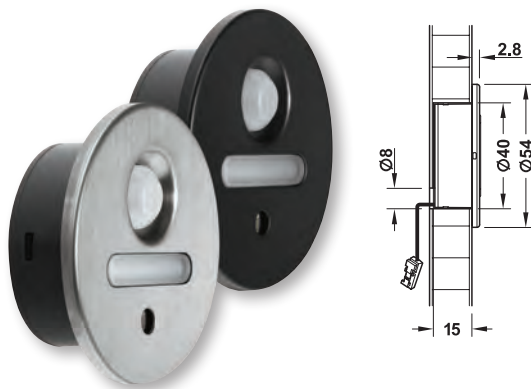
Voltage	Colour rendering index CRI R _a	Weighted energy consumption kWh/1000 h	Finish/colour	Cat. No.
5 12V	82	1.65	Black	833.70.238
			Chrome plated	833.70.237

Loox5 sensor-controlled lights

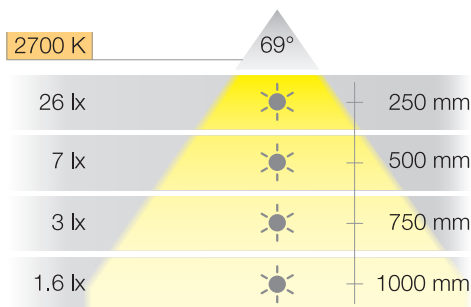
Recess mounted, monochrome, drill hole Ø: 40 mm



Häfele Loox5 LED 2028 with motion detector



- > Not dimmable
- > Material: Stainless steel, plastic
- > Version: With motion detector active from a decreasing ambient light of 15 lx
- > Energy efficiency class: A+
- > Degree of protection: IP44
- > Delay time: approx. 2 min.
- > Sensor range: 0–3000 mm
- > Number of LEDs: 3
- > Mounting: For mounting in drilled hole
- > Drill hole Ø: 40 mm
- > Supplied with: 1 light with 2 m lead, including fixing materials



Loox5 12 V driver see page 259

Voltage	Colour temperature	Wattage	Luminous flux	Luminous efficacy	Colour rendering index CRI R _a	Weighted energy consumption kWh/1000 h	Black	Matt
V	K	W	lm	lm/W				
5 12V	2700	0.3	4	13	90	0.37	833.70.240	833.70.239

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Loox5 Media

①

LIGHTS
& MEDIA

Charging stations

ESC 2002 inductive charging station

> Page 223

ESC 2001 USB charging station, modular

> Page 223



②

DISTRIBUTION

③

SWITCHES

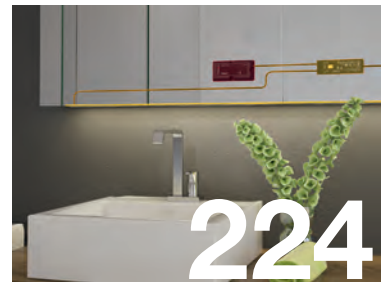
Sound systems

105 sound system

> Page 224

420 E sound system, exciter speakers

> Page 225



④

POWER

①

LIGHTS
& MEDIA

②

DISTRIBUTION

③

CONNECT
MESH

④

SWITCHES

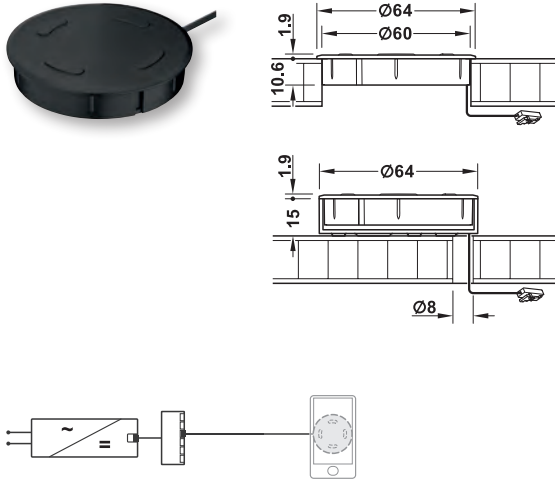
⑤

POWER

Charging stations



Häfele Loox ESC 2002 inductive charging station – for 12 V system



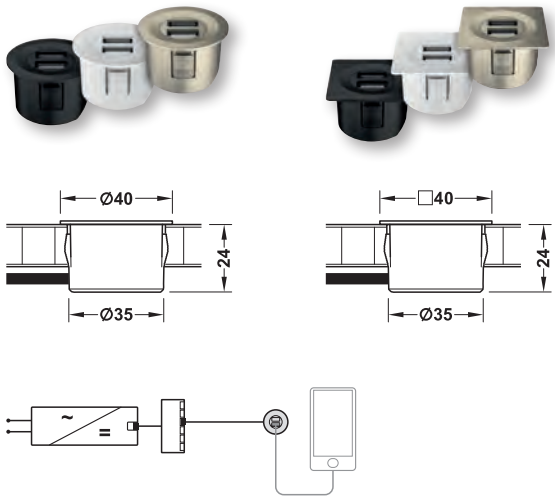
- > Material/colour: Plastic, matt black
- > Diameter: 64
- > Charging current: 1 A
- > Output voltage: 5 V
- > Standby power consumption: 0.3 W
- > Power consumption: Max. 10 W
- > Standard: WPC compatible
- > Supplied with: 1 inductive charging station with mounting ring and 2 m lead

Voltage V		Cat. No.
12 V	ESC 2002 inductive charging station	833.73.776

! Drill hole Ø for plug: 8 mm

🔌 12 V 5 12 V Loox5 12 V driver see page 259
Please order 6-piece adapter set 833.95.753 separately see page 236

Häfele Loox ESC 2001 USB charging station, modular – for 12 V system



- > Material: Plastic, matt
- > Output voltage: 5 V
- > Output current: 2 A
- > Power consumption: Max. 15 W
- > Drill hole Ø: 35 mm
- > Mounting: For mounting in drilled hole, for clamp fixing
- > Supplied with: 1 USB charging station

Colour	Round	Square
Black	833.73.751	833.73.754
Nickel plated	833.73.753	833.73.756
White	833.73.752	833.73.755

+ Lead with snap-in connector

Type of cable	Voltage	Length mm	Cat. No.
Monochrome (2-wire 24 AWG)	5 12 V	1000	833.95.789
		2000	833.95.788

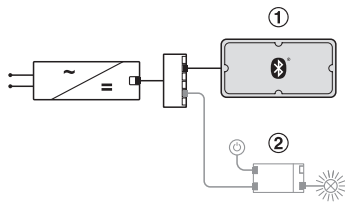
! Please order lead separately

🔌 5 12 V Loox5 12 V driver see page 259

Sound systems



105 sound system



- ① Sound system
② 3-way distributor with switching function



- > Version: No separate speaker is required. Installation is quick and easy
- > Material/finish: Plastic, black
- > Dim. (L x W x H): 140 x 66 x 25 mm
- > Power consumption: Operation: 7 W, standby: <0.3 W
- > Music wattage: 5 W (RMS)
- > Reception range: Max. 10 m
- > Mounting: For screw fixing
- > Supplied with: 1 Bluetooth® receiver and 2 m lead

Voltage V		Straight-edged
12 V	105 sound system (Mono with integrated exciter speaker)	822.65.000

⚠ Please observe the installation regulations for bathrooms

🔊 **12 V** **5 12 V** Loox5 12 V driver see page 259
Please order 6-piece adapter set 833.95.753 separately see page 236

Sound systems



420 E sound system, exciter speakers



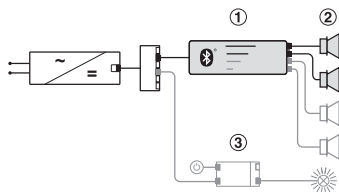
- > Material/finish: Plastic, black
- > Dim. (L x W x H): 140 x 45 x 15 mm
- > Power consumption: Operation with 2 exciter speakers: Max. 19 W, operation with 4 exciter speakers: Max. 32 W, standby: <0.3 W
- > Music wattage: Operation with 2 or 4 exciter speakers: 2 x 10 W (RMS)
- > Reception range: Max. 10 m
- > Mounting: For screw fixing
- > Supplied with: 1 Bluetooth® receiver with 2 m lead and 4 connections for exciter speakers, incl. 2 exciter speakers



Voltage V	Cat. No.
12 V	420 E sound system (stereo and 2 exciter speakers) 822.65.034

! Please observe the installation regulations for bathrooms!
Can be installed on glass and mirror glass (3–6 mm each), acrylic glass (3 mm), chipboard (10–20 mm) and mineral composite boards

! **12 V 5 12 V** Loox5 12 V driver see page 259
Please order 6-piece adapter set 833.95.753 separately see page 236



- ① Sound system
- ② Exciter speaker
- ③ 3-way distributor with switching function

- +** **Exciter speaker**
- > **Dimensions:** Ø 65 x 22 mm
- > **Wattage:** Rated/music load capacity 4/15 W
- > **Mounting:** For screw fixing or for glue fixing
- > **Supplied with:** 1 exciter speaker with 1 m speaker lead

Cat. No.
Exciter speaker (wattage with 12 V plug system) 822.65.039

+ Please order extension lead 2 m 833.73.766 for exciter speaker separately

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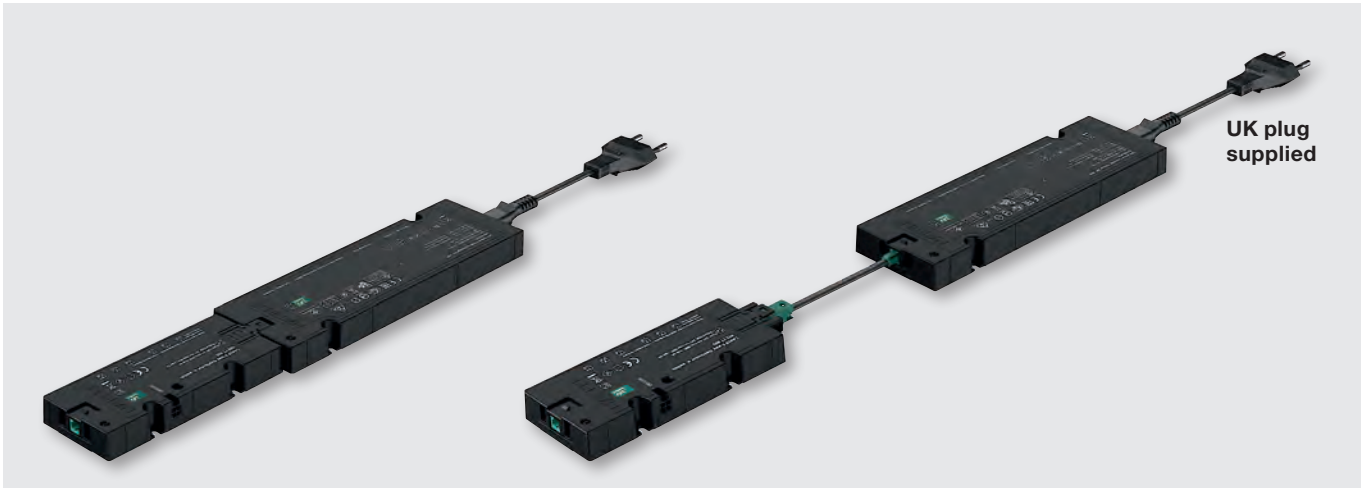


Loox5 lighting system

Our new generation of lighting

When considering the power supply of your system add up the wattage of all lights and other devices (such as sound systems). If necessary take into account later expansion and select a driver for the appropriate performance class. Lights of the same voltage type or current may be connected to a common driver. Convertors are also available and are necessary if lights with different voltage types and currents will share a driver.

Central or decentralised supply



Central and compact

Driver with 6-way distributor via box to box plug-in connection for compact dimensions.

Decentralised

Driver at the entry point of a given socket position. Decentralised 6-way distributor via cable connection.

3-level control concept

Loox5 specialises the tasks: on the one hand, professional drivers with top performance in terms of energy efficiency, life time, overload protection, and rectification, and on the other hand, the 6-way distributor with a 3-level control concept that can be combined as desired:



Level 1

Distributor without switching function



Level 2

Distributor with switching function

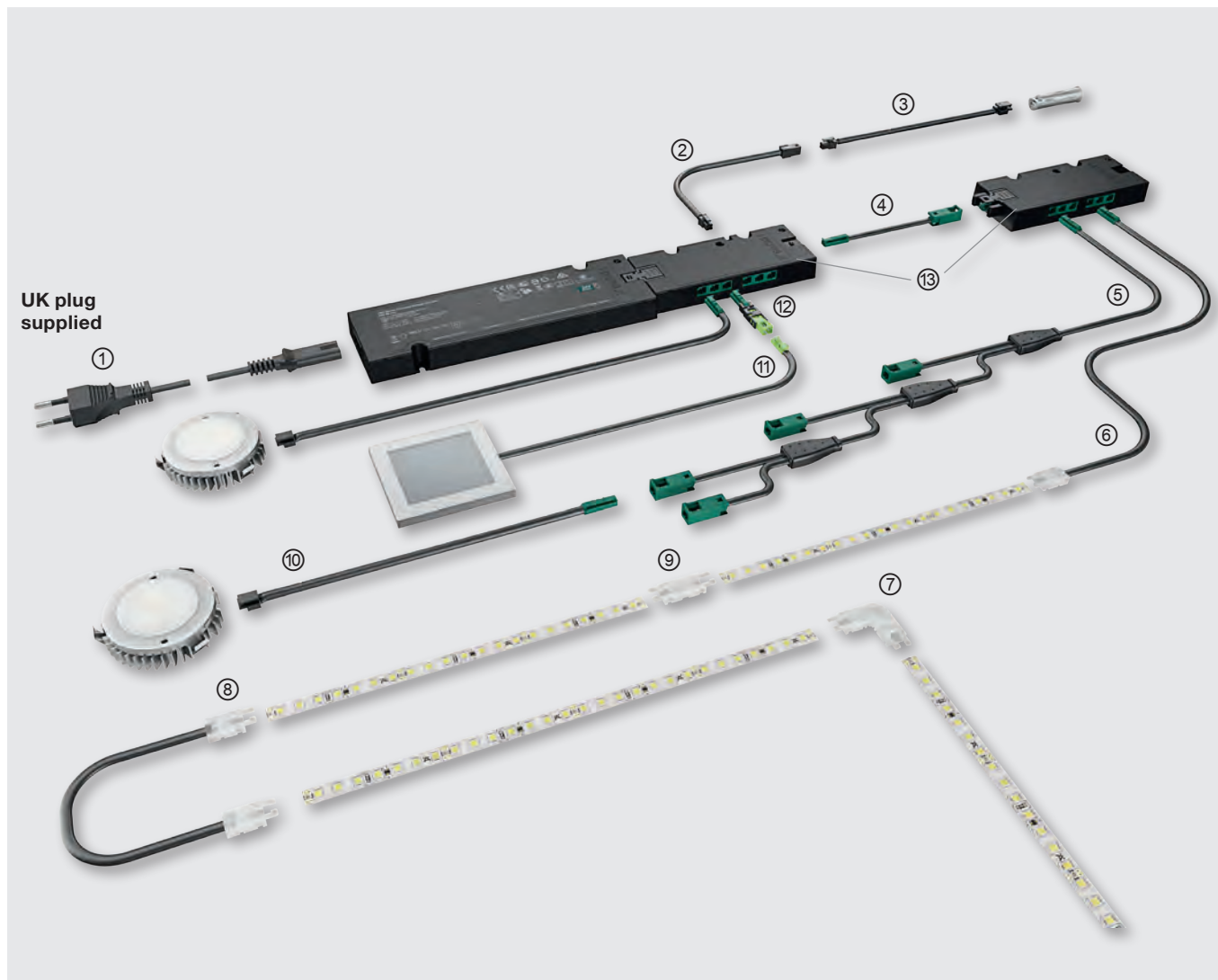


Level 3

Distributor with switching function and Bluetooth® chip for the network control in the Häfele Connect Mesh

System components

Loox5 system components



- ① Mains lead
- ② Extension lead for switch
- ③ Lead for modular switches
- ④ Extension lead
- ⑤ 4-way extension lead
- ⑥ Lead for LED strip light
- ⑦ Corner connector for LED strip light
- ⑧ Interconnecting lead for LED strip light
- ⑨ Clip connector for LED strip light
- ⑩ Lead for modular lights
- ⑪ Light with permanent lead
- ⑫ Adapter
- ⑬ 6-way distributor

Distribution

Distributor



Häfele Loox5 6-way distributor

> Page 229



Häfele Connect Mesh 6-way distributor.

**Chapter
Connect
Mesh**
> Page 240



229

Häfele Loox converters

Converter 24 V to 12 V

> Page 230

Converter 350 mA to 12 V

> Page 230

Converter 12 V to 24 V

> Page 230



230

Extension leads

Extension lead monochrome/2-pin

> Page 231

Extension lead multi-white

> Page 231

Extension lead RGB

> Page 231

4-way extension lead monochrome/2-pin

> Page 231



231

Modular leads

Lead for modular lights and other modular devices

> Page 235

Lead for multi-white modular lights

> Page 245



235

Leads and connectors for LED strip lights

Leads for LED strip light monochrome, 5 mm

> Page 232

Leads for LED strip light monochrome, 8 mm

> Page 233

Leads for LED silicone strip light monochrome, 8 mm

> Page 234

Leads for LED strip light multi-white, 8 mm

> Page 244

Leads for LED strip lights RGB, 10 mm

> Page 246



232

Adapters

Adapters Loox5/Loox

> Page 236

Adapters Loox/Loox5

> Page 237



236

Loox5 distributors



Häfele Loox5 box to box 6-way distributor

Plug connection box to box

> The connection of the distributors with the driver can be done via a box to box plug-in connection or via an extension lead. Any number of distributors can be connected to the driver. Observe maximum wattage!

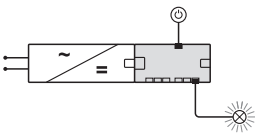
> Häfele Connect Mesh 6-way distributor: Chapter Connect Mesh, see page 240



Häfele Loox5 box to box 6-way distributor with switching function



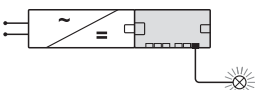
1 switch controls all output ports



- > Material: Plastic
- > Colour: Black
- > Dim. (L x W x H): 120 x 50 x 16 mm
- > Number of connections: 1 x input port with box to box plug
1 x output port with box to box socket
1 x input port switch socket
6 x output ports device sockets
- > Supplied with: 1 distributor

Voltage	Max. connected wattage W	Box to box with switching function
5 12V	60	833.95.748
5 24V	90	833.77.833

Häfele Loox5 box to box 6-way distributor without switching function



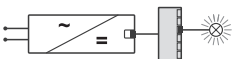
- > Material: Plastic
- > Colour: Black
- > Dim. (L x W x H): 120 x 50 x 16 mm
- > Number of connections: 1 x input port with box to box plug
1 x output port with box to box socket
6 x output ports device sockets
- > Supplied with: 1 distributor

Voltage	Max. connected wattage W	Box to box without switching function
5 12V	60	833.95.747
5 24V	90	833.77.832

Häfele Loox5 6-way distributor without switching function



Can also be connected to 6-way distributor



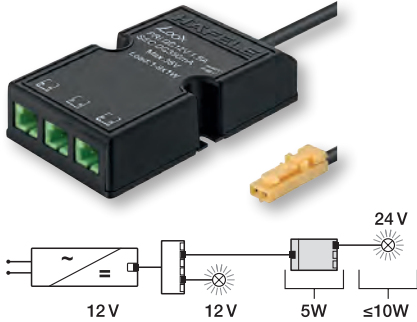
- > Material: Plastic
- > Colour: Black
- > Dim. (L x W x H): 70 x 30 x 14 mm
- > Number of connections: 1 x input port with box to box plug
1 x output port with box to box socket
6 x output ports device sockets
- > Supplied with: 1 distributor

Voltage	Max. connected wattage W	Without switching function
5 12V	60	833.95.786
5 24V	90	833.77.839

Loox5 converters



Häfele Loox5 converter 24 V to 12 V – for connecting 24 V lights to the 12 V system



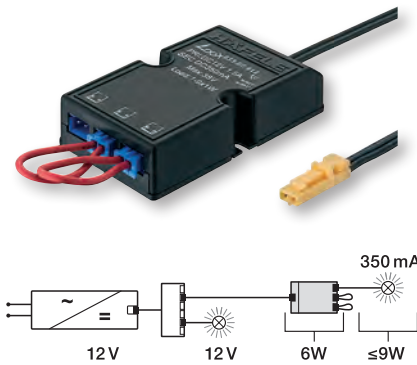
- > Application: Connecting 24 V lights to the 12 V system
- > Wattage: Input 15 W, output 10 W
- > Primary side: DC 12 V
- > Secondary side: DC 24 V
- > Number of output ports: 3 connections for 24 V lights
- > Supplied with: 1 converter with 200 mm lead

Dim. (L x W x H) mm	Standby power consumption W	Cat. No.
61 x 34 x 15	0.3	833.70.241

Loox5 12 V driver see page 259

Maximum possible connected rating of 10 W per converter

Häfele Loox5 converter 350 mA to 12 V – for connecting 350 mA lights to the 12 V system



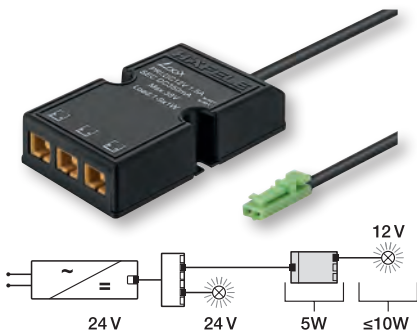
- > Application: Connecting 350 mA lights to the 12 V system
- > Wattage: Input 15 W, output 9 W
- > Primary side: DC 12 V
- > Secondary side: DC 350 mA (min. 1 W, max. 9 W)
- > Number of output ports: 3 connections for 350 mA lights
- > Supplied with: 1 converter with 200 mm lead

Dim. (L x W x H) mm	Standby power consumption W	Cat. No.
61 x 34 x 15 mm	0.2	833.70.243

Loox5 12 V driver see page 259

Maximum possible connected rating of 9 W per converter

Häfele Loox5 converter 12 V to 24 V – for connecting 12 V lights to the 24 V system



- > Application: Connecting 12 V lights to the 24 V system
- > Wattage: Input 15 W, output 10 W
- > Primary side: DC 24 V
- > Secondary side: DC 12 V
- > Number of output ports: 3 connections for 12 V lights
- > Supplied with: 1 converter with 200 mm lead

Dim. (L x W x H) mm	Standby power consumption W	Cat. No.
61 x 34 x 15 mm	0.3	833.70.242

Loox5 24 V driver see page 260

Maximum possible connected rating of 10 W per converter



Loox5 extension leads

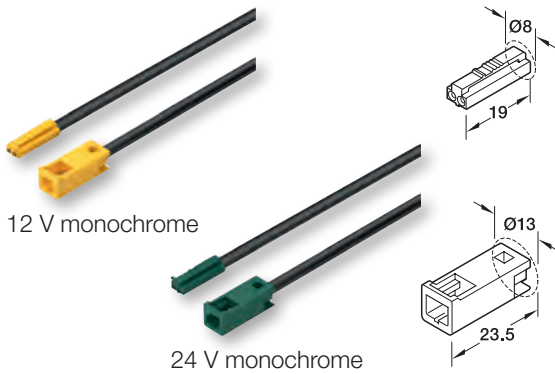
Häfele Loox5 extension leads



Maximum lead length from the Loox5 driver to the device is 10 m.

Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable. These lead to visible loss of brightness in the lights. The illuminance listed with the lights has been determined with the rated output voltage of the driver. (12 V or 24 V).

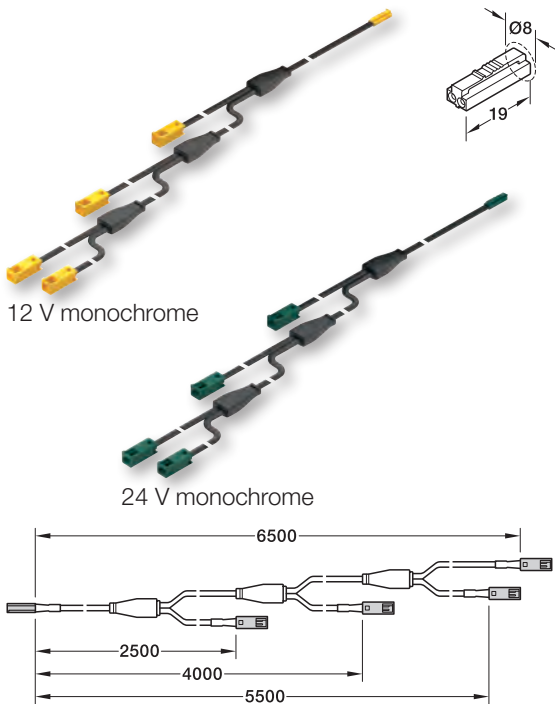
Häfele Loox5 extension leads monochrome



- > Area of application: For monochrome lights and other 2-pin devices and distributors
- > Material: Plastic
- > Current carrying capacity: Max. 5 A
- > Drill hole Ø: Plug 8 mm, socket 13 mm
- > Supplied with: 1 extension lead
1 plug/1 socket

Type of cable 20	Voltage	500 mm	1000 mm	2000 mm
Monochrome (2-wire 18 AWG)	5 12V	833.95.712	833.95.713	833.95.714
	5 24V	833.95.719	833.95.718	833.95.717

Häfele Loox5 4-way extension leads



- > Area of application: For monochrome lights and other 2-pin devices and distributors
- > Current carrying capacity: Max. 5 A
- > Drill hole Ø: Plug 8 mm
- > Supplied with: 1 extension lead
1 plug/4 sockets

Type of cable	Voltage	Length mm	2000 mm
Monochrome (2-wire 18 AWG)	5 12V	6500	833.95.742
	5 24V		833.95.743



Maximum lead length from the Loox5 driver to the device is 10 m. Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable. These lead to visible loss of brightness in the lights. The illuminance listed with the lights has been determined with the rated output voltage of the driver (12 V or 24 V)

Loox 5 leads

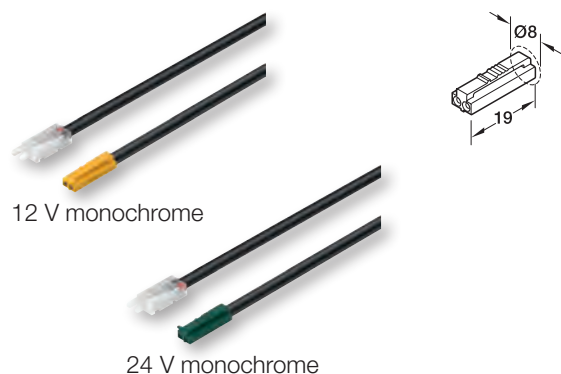
For LED strip light monochrome, 5 mm



➔ These leads are suitable for the following Loox5 lights:

- 5 12V** LED 2060
- 5 24V** LED 3040 / 3041

Häfele Loox5 light to driver connecting lead for LED strip light monochrome, 5 mm



- > Current carrying capacity: Max. 3.5 A
- > Width: Clip 7 mm
- > Drill hole Ø: Plug 8 mm
- > Supplied with: 1 lead plug/clip

Type of cable	Voltage	Length mm	Cat. No.
Monochrome (2-wire 20 AWG)	5 12V	2000	833.95.705
	5 24V	2000	833.95.711

Häfele Loox5 interconnecting lead for LED strip light monochrome, 5 mm



- > Current carrying capacity: Max. 3.5 A
- > Width: Clip 7 mm
- > Drill hole Ø: Clip 10 mm
- > Supplied with: 1 interconnecting lead clip/clip

Type of cable	Length mm	Cat. No.
Monochrome (2-wire 20 AWG)	50	833.89.194
	500	833.89.195
	2000	833.89.196

Häfele Loox5 clip connector for LED strip light monochrome, 5 mm



- > Current carrying capacity: Max. 3.5 A
- > Width: Clip 7 mm
- > Drill hole Ø: Clip 10 mm
- > Supplied with: 1 clip connector

Length mm	Cat. No.
33.5	833.89.207

Häfele Loox5 corner connector for LED strip light monochrome, 5 mm



- > Current carrying capacity: Max. 3.5 A
- > Supplied with: 1 corner connector

Length mm	Width mm	Cat. No.
21	21	833.89.190

Loox 5 leads

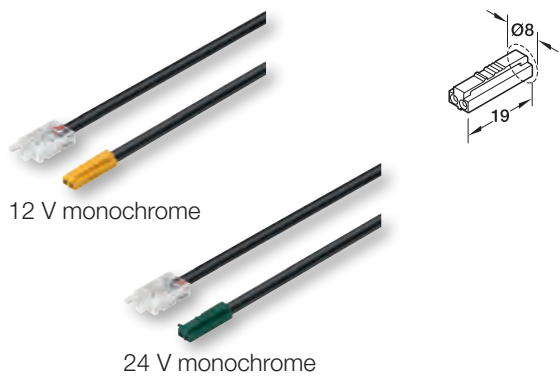
For LED strip light monochrome, 8 mm



➔ These leads are suitable for the following Loox5 lights:

- 5 12V** LED 2062 / 2065 / 2068 / 2077
- 5 24V** LED 3042 / 3048 / 3050 / 3052

Häfele Loox5 ight to driver connecting lead for LED strip light monochrome, 8 mm



- > Current carrying capacity: Max. 5 A
- > Width: Clip 10 mm
- > Drill hole Ø: Plug 8 mm
- > Supplied with: 1 lead plug/clip

Type of cable	Voltage	Length mm	Cat. No.
Monochrome (2-wire 18 AWG)	5 12V	100	833.93.736
		500	833.95.701
		2000	833.95.700
	5 24V	100	833.75.743
		500	833.95.707
		2000	833.95.706

Häfele Loox5 interconnecting lead for LED strip light monochrome, 8 mm



- > Current carrying capacity: Max. 5 A
- > Width: Clip 10 mm
- > Drill hole Ø: Clip 12 mm
- > Supplied with: 1 lead clip/clip

Type of cable	Length mm	Cat. No.
Monochrome (2-wire 18 AWG)	50	833.89.191
	500	833.89.192
	2000	833.89.193

Häfele Loox5 clip connector for LED strip light monochrome, 8 mm



- > Current carrying capacity: Max. 5 A
- > Width: Clip 10 mm
- > Drill hole Ø: Clip 12 mm
- > Supplied with: 1 clip connector

Length mm	Cat. No.
33.5	833.89.206

Häfele Loox5 corner connector for LED strip light monochrome, 8 mm



- > Current carrying capacity: Max. 5 A
- > Supplied with: 1 corner connector

Length mm	Width mm	Cat. No.
24	24	833.89.187

LOOK LIGHTING 2020. © Häfele U.K. Ltd 2020. Dimensional data not binding. We reserve the right to alter specifications without notice.

Loox 5 leads

For LED silicone strip light monochrome, 8 mm

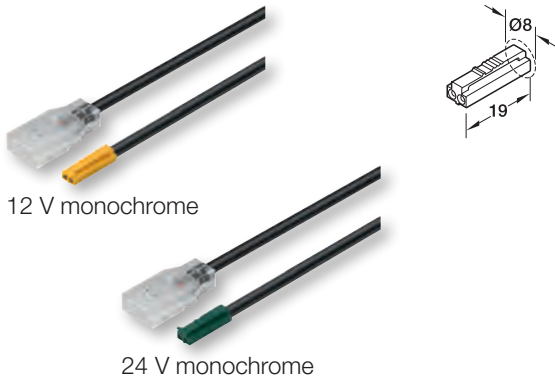


➔ These leads are suitable for the following Loox5 lights:

5 12V LED 2063

5 24V LED 3046

Häfele IP44 Loox5 light to driver connecting lead for LED silicone strip light monochrome, 8 mm



- > Current carrying capacity: Max. 5 A
- > Width: Silicone plug 15 mm
- > Drill hole Ø: Plug 8 mm
- > Supplied with: 1 lead plug/clip

Type of cable	Voltage	Length mm	Cat. No.
Monochrome (2-wire 18 AWG)	5 12V	2000	833.95.703
	5 24V	2000	833.95.709

Häfele IP44 Loox5 interconnecting lead for LED silicone strip light monochrome, 8 mm



- > Current carrying capacity: Max. 5 A
- > Width: Clip 15 mm
- > Drill hole Ø: Clamp 18 mm
- > Supplied with: 1 lead clip/clip

Type of cable	Length mm	Cat. No.
Monochrome (2-wire 18 AWG)	50	833.89.203
	500	833.89.204
	2000	833.89.205

➔ The leads and clips on page 110 can be used to make IP20 connections for the monochrome 8 mm silicone strip

Häfele silicone stripper for LED silicone strip lights



- > Area of application: For stripping silicone from Loox5 LED strip lights 2063 and 3046
- > Material/colour: Plastic, grey and red
- > Packaging: 1 pc

	Cat. No.
Silicone stripper for LED strip lights	006.13.485

Loox 5 leads

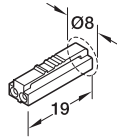
Modular design



➔ These leads are suitable for the following Loox5 lights:

- 5 12V** LED 2025 / 2040 / 2090
- 5 24V** LED 3092 / 3090

Häfele Loox5 light to driver connecting lead for modular lights and other modular devices



- > Area of application: For monochrome lights and other 2-pin devices and distributors
- > Version: With snap-in connector
- > Current carrying capacity: Max. 1.5 A
- > Drill hole Ø: Plug 8 mm
- > Supplied with: 1 lead plug/plug

Type of cable	Voltage	Length mm	Cat. No.
Monochrome (2-wire 24 AWG)	5 12V	1000	833.95.789
		2000	833.95.788
	5 24V	2000	833.95.791

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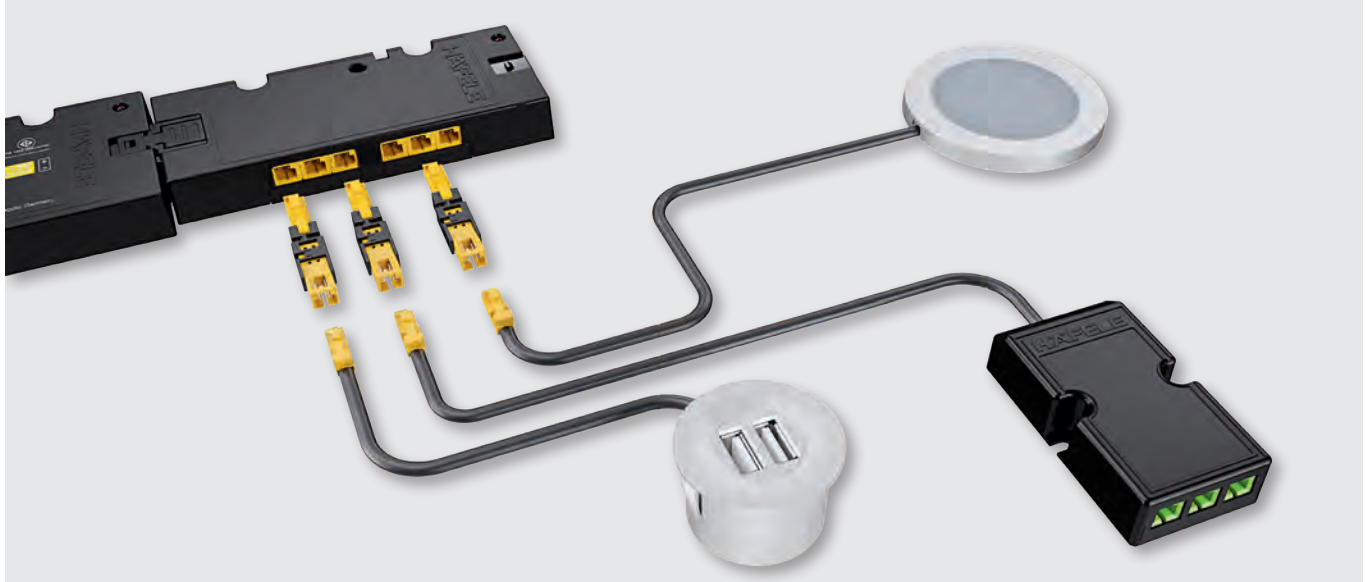
TECHNICAL ADVICE

Loox adapter

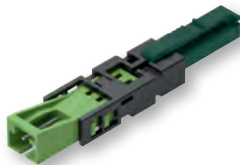
Loox5 driver > Loox device



Adapter for devices with Loox plug for connecting to Loox5 driver



12 V: Loox socket/Loox5 plug



24 V: Loox socket/Loox5 plug

- > Area of application: For connecting Loox devices to Loox5 drivers or Loox5 distributors. Suitable for all devices with Loox plug, e.g. monochrome lights, distributors, charging stations, colour mixers for multi-white and RGB as well as electrically operated fittings, converters, etc.
- > Length: 50 mm
- > Current carrying capacity: Max. 3.5 A
- > Drill hole Ø: 12 mm
- > Packing: 6 pieces

Device	Driver	Max. connected wattage W	Cat. No.
12 V	5 12V	Max. 42	833.95.753
24 V	5 24V	Max. 84	833.77.838

- ! Not suitable for 3-pin Loox plugs (multi-white) or 4-pin Loox plugs (RGB)
The current carrying capacity is limited to 3.5 A
Observe maximum wattage

Loox5 adapter

Loox driver > Loox5 device



Adapter for devices with Loox5 plug for connecting to Loox driver



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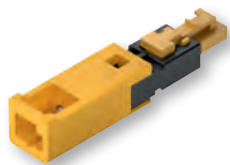
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12 V: Loox5 socket/Loox plug



24 V: Loox5 socket/Loox plug

- > Area of application: For connecting Loox5 devices to Loox drivers or Loox distributors. Suitable for all devices with 2-pin Loox5 plug, e.g. monochrome lights, distributors, charging stations, etc.
- > Length: 45 mm
- > Current carrying capacity: Max. 3.5 A
- > Drill hole Ø: 13 mm
- > Packing: 6 pieces

Device	Driver	Max. connected wattage W	Cat. No.
5 12V	12V	Max. 42	833.95.752
5 24V	24V	Max. 84	833.77.837

! Not suitable for 4-pin Loox5 plugs (multi-white or RGB)
The current carrying capacity is limited to 3.5 A
Observe maximum wattage

Connect Mesh

Häfele Connect Mesh 6-way distributor

6-way distributor

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Häfele Loox5 adapters

Multi-white adapter

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Häfele Connect Mesh remote controls

Remote control

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Push button, wall mounted

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Häfele Connect Mesh interface

2-channel interface

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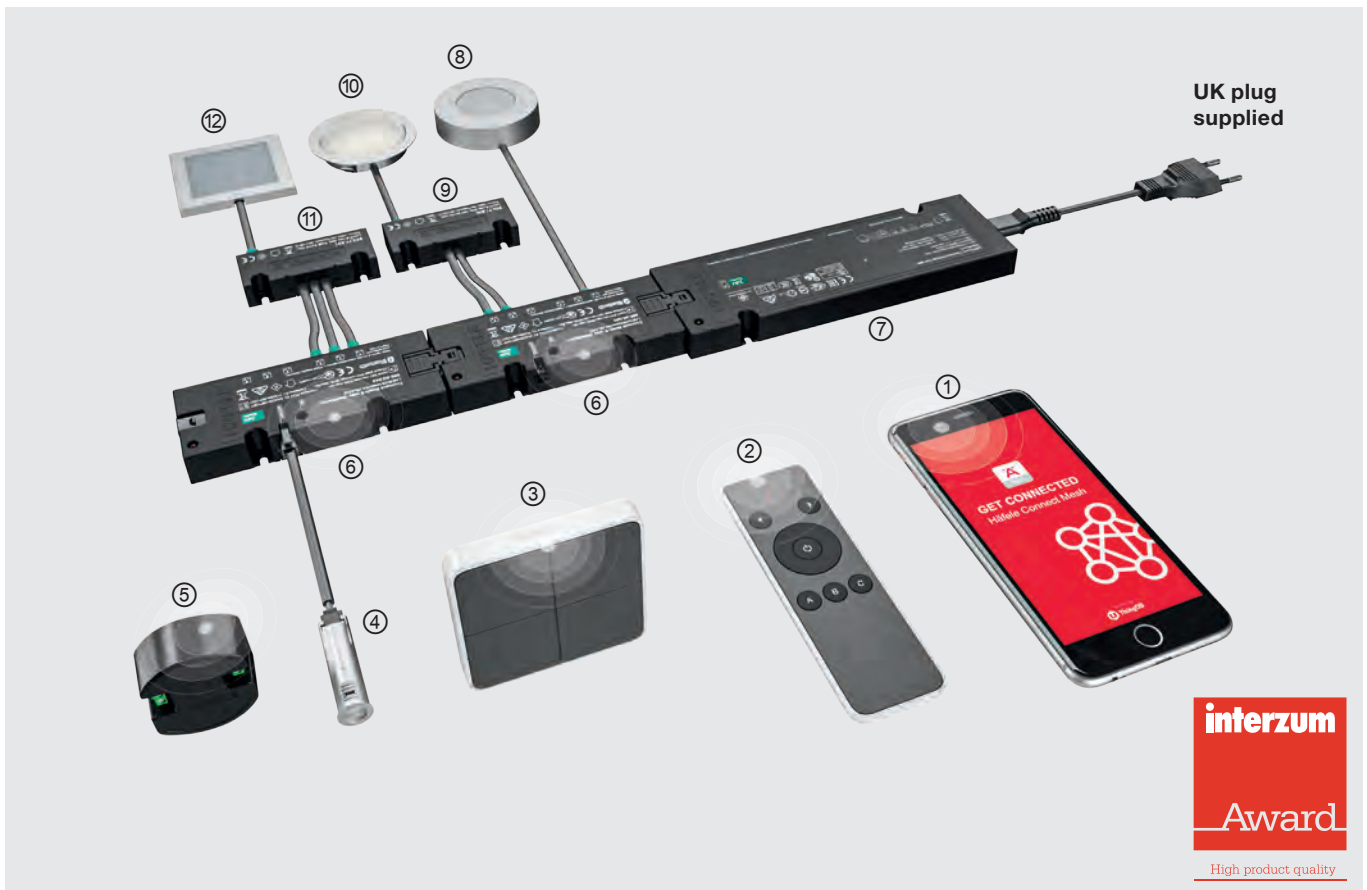
Connect Mesh

Häfele Connect Mesh

Häfele Connect Mesh consists of components for the smart control of lights and electrically operated fittings in furniture – with optional integration of the electrical installation of buildings. Mesh means networking, and it uses the Bluetooth® Mesh network technology by the Bluetooth® Special Interest Group, which has the potential to become the global smart building standard.

The advantages are:

- > Scalable: From the simple remote control of a furniture light to complex concepts in hotels or store fixtures
- > Fail-safe: All nodes in the network forward control information
- > Protected: Individual network key on your personal mobile device
- > Standardised: Bluetooth® is a globally accepted and widely used technology



Häfele Connect Mesh active components

> Sensor

- ① Mobile device with Häfele Connect app
- ② Remote control
- ③ Push button, wall mounted
- ④ Loox switch (switching function programmable via app)

> Actuator and sensor

- ⑤ 2-channel interface: 2 switching input ports (switching function programmable via app) Output port 80–230 V
- ⑥ Häfele Connect Mesh 6-way distributor

Passive components without networking function

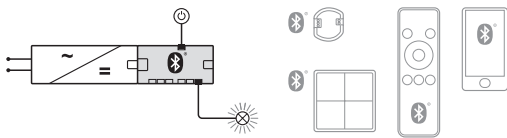
- ⑦ Driver
- ⑧ Monochrome light or electrically operated fitting
- ⑨ Multi-white adapter
- ⑩ Multi-white light
- ⑪ RGB adapter
- ⑫ RGB light

Connect Mesh distributors



Häfele Connect Mesh 6-way distributor, with switching function

- > Control several light colours on one box
- > Each output port can be controlled individually



- > Area of application: For on/off switching and dimming (0–100%) of monochrome lights; or, in conjunction with adapters, for the operation of multi-white lights, RGB lights, and electrically operated fittings
- > Version: With programmable switching input
For standard Loox switches (switching function programmable via app; each active component can control each passive component, see page 261)
- > Material: Plastic
- > Colour: Black
- > Dim. (L x W x H): 120 x 50 x 16 mm
- > Number of connections: 1x input port with box to box plug
1x output port with box to box socket
1x input port switch socket
6x output ports device sockets (2-pin), can be controlled from any active component of the network
- > Supplied with: 1 distributor

Voltage	Max. connected wattage W	Cat. No.
5 12V	60	850.00.042
5 24V	90	850.00.043

! The distance between the smartphone or tablet to the nearest Häfele Connect Mesh component is approx. 10 m. Multiple components create a network, and can also be placed approx. 10 m apart

+ Please order adapter for multi-white lights, RGB lights, or electrically operated fittings separately see page 265

➔ 6-way distributor for monochrome lights or other 2-pin devices, such as electrically operated fittings, see page 236



MESH

Häfele Connect Mesh App

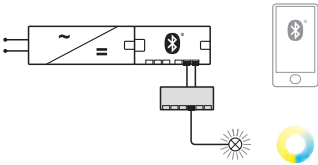
- > Detects and reports new nodes in the network independently
- > Intuitively assign functions to switches
- > Set up light groups and scenes
- > Share your protected access with others
- > The Häfele Connect Mesh App is free for Apple iOS® and Android™



Connect Mesh adapters



Häfele Loox5 multi-white adapter for Häfele Connect Mesh 6-way distributor



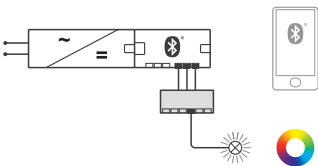
- > Area of application: For connecting multi-white lights to the Häfele Connect Mesh 6-way distributor
- > Material/colour: Plastic, black
- > Dim. (L x W x H): 70 x 30 x 14 mm
- > Number of connections: 2x input port with plug, monochrome 6x output ports device sockets, multi-white
- > Supplied with: 1 distributor with 80 mm lead

Voltage	Max. connected wattage W	Cat. No.
5 12V	60	833.95.745
5 24V	90	833.77.830

! 1 multi-white adapter occupies 2 output ports at the 6-way distributor



Häfele Loox5 RGB adapter for Häfele Connect Mesh 6-way distributor

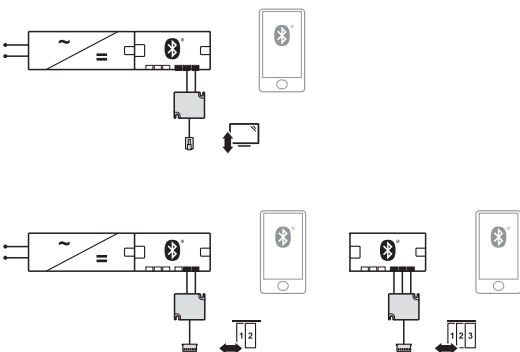


- > Area of application: For connecting RGB lights to the Häfele Connect Mesh 6-way distributor
- > Material/colour: Plastic, black
- > Dim. (L x W x H): 70 x 30 x 14 mm
- > Number of connections: 3x input port with plug, monochrome 6x output ports for device sockets, RGB
- > Supplied with: 1 distributor with 80 mm lead

Voltage	Max. connected wattage W	Cat. No.
5 12V	60	833.95.746
5 24V	90	833.77.831

! 1 RGB adapter occupies 3 output ports at the 6-way distributor

Häfele Connect Mesh adapter for electrically operated fittings



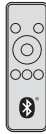
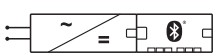
- > Area of application: For connecting electrically operated fittings to the Häfele Connect Mesh 6-way distributor
- > Supplied with: 1 distributor

Voltage		Number of connections	Cat. No.
5 12V	TV lift adapter	Occupies 2 output ports	850.00.057
	eDrive 2 doors adapter	Occupies 2 output ports	850.00.058
	eDrive 3 doors adapter	Occupies 3 output ports	850.00.059

Connect Mesh remote controls



Häfele Connect Mesh remote control



Easiness

> **One remote control for all applications: monochrome lights, multi-white lights, RGB lights and electrically operated fittings**

- > Area of application: For controlling components at the Häfele Connect Mesh 6-way distributor
- > Function: Easy, direct pairing with a 6-way distributor or programming of buttons via app to control each node of the network
- > Version: Multi-function control panel
- > Material: Plastic
- > Colour: Top shell: Black, lower shell: White
- > Dim. (L x W x H): 130 x 42 x 11 mm
- > Supplied with: 1 remote control

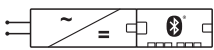
	Cat. No.
Remote control	850.00.040



Please order Häfele Connect Mesh 6-way distributor separately. Please order 2 replaceable CR2032 button cell lithium batteries (2 x 002.99.032) separately



Häfele Connect Mesh push button, wall mounted



- > Area of application: For controlling components on the 6-way distributor, Häfele Connect Mesh (all functions that are accessible by pressing or holding a button)
- > Function: Easy, direct pairing with a 6-way distributor or programming of buttons via app to control each node of the network
- > Version: 4-button panel
- > Material: Plastic
- > Colour: Pushbutton: Black, frame: White
- > Dim. (L x W x H): 81 x 81 x 12 mm
- > Mounting: For screw fixing or glue fixing to any wall
- > Supplied with: 1 push button, wall mounted

	Cat. No.
Push button, wall mounted	850.00.041



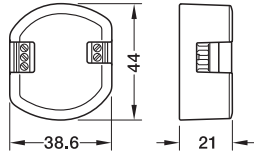
Please order Häfele Connect Mesh 6-way distributor separately. Please order 2 replaceable CR2032 button cell lithium batteries (2 x 002.99.032) separately

Connect Mesh interface

For electrical installation

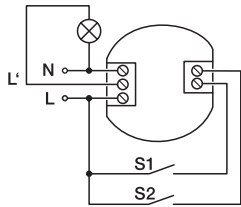
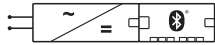


Häfele Connect Mesh 2-channel interface, with potential free relay

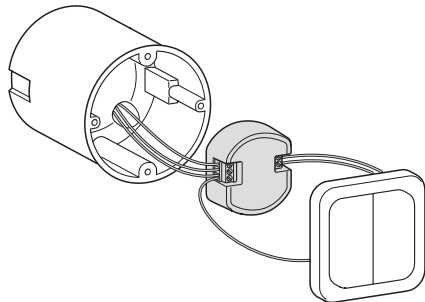


Design advantage

> Use switches in the design of the house installation for the control of furniture and room lights with Häfele Connect Mesh



Installation example



Installation in a deep switch box

> Area of application:	For on/off control of room lighting or other home installations via the Häfele Connect Mesh and for integrating conventional wall-mounted push buttons into the Häfele Connect Mesh				
> Version:	Function programmable via app, each active component can control each passive component, see page 263				
> Number of connections:	2 switching input port for conventional wall-mounted push buttons (double-throw), 1 output port for on/off switching of 80–230 V, 3 A (can be controlled from any active component of the network)				
> Material:	Plastic				
> Dim. (L x W x H):	39 x 44 x 21 mm				
> Mounting:	Suitable for installation in switch boxes. Recommended switch box depth: 60 mm				
> Supplied with:	1 2-channel interface				
<table border="1"> <thead> <tr> <th></th> <th>Cat. No.</th> </tr> </thead> <tbody> <tr> <td>2-channel interface</td> <td>850.00.046</td> </tr> </tbody> </table>			Cat. No.	2-channel interface	850.00.046
	Cat. No.				
2-channel interface	850.00.046				



Please order Häfele Connect Mesh 6-way distributor separately see page 264

Loox5 multi-white leads

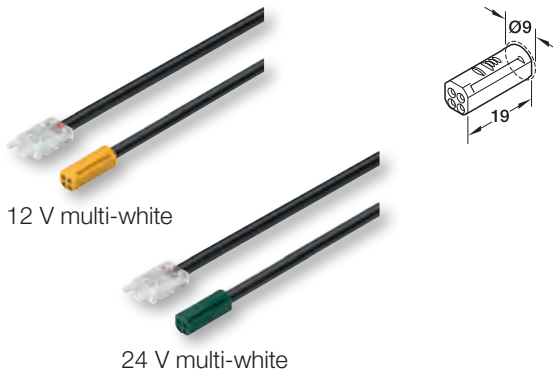
For LED strip light multi-white, 8 mm



These leads are suitable for the following Loox5 lights:

- 5 12V** LED 2064 / 2070
- 5 24V** LED 3047

Häfele Loox5 lead for LED strip light multi-white, 8 mm



- > Current carrying capacity: Max. 3.5 A
- > Width: Clip 10 mm
- > Drill hole Ø: Plug 9 mm
- > Supplied with: 1 lead plug/clip

Type of cable	Voltage	Length mm	Cat. No.
Multi-white (3-wire 20 AWG)	5 12V	2000	833.95.702
	5 24V	2000	833.95.708

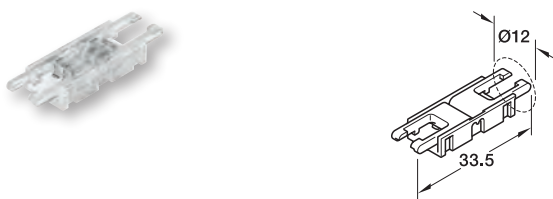
Häfele Loox5 interconnecting lead for LED strip light multi-white, 8 mm



- > Current carrying capacity: Max. 3.5 A
- > Width: Clip 10 mm
- > Drill hole Ø: Clip 12 mm
- > Supplied with: 1 lead clip/clip

Type of cable	Length mm	Cat. No.
Multi-white (3-wire 20 AWG)	50	833.89.197
	500	833.89.198
	2000	833.89.199

Häfele Loox5 clip connector for LED strip light multi-white, 8 mm



- > Current carrying capacity: Max. 3.5 A
- > Width: Clip 10 mm
- > Drill hole Ø: Clip 12 mm
- > Supplied with: 1 clip connector

Length mm	Cat. No.
33.5	833.89.208

Häfele Loox5 corner connector for LED strip light multi-white, 8 mm



- > Current carrying capacity: Max. 3.5 A
- > Supplied with: 1 corner connector

Length mm	Width mm	Cat. No.
24	24	833.89.188

Loox5 multi-white leads

Modular design



➔ These leads are suitable for the following Loox5 lights:

5 12V LED 2091

5 24V LED 3091

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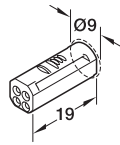
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Häfele Loox5 lead for modular multi-white lights



- > Area of application: Modular multi-white lights
- > Version: With snap-in connector
- > Current carrying capacity: Max. 1.5 A
- > Drill hole Ø: Plug 9 mm
- > Supplied with: 1 lead plug/plug

Type of cable	Voltage	Length mm	Cat. No.
Multi-white (3-wire 24 AWG)	5 12V	2000	833.95.787
	5 24V	2000	833.95.790

Loox5 RGB leads

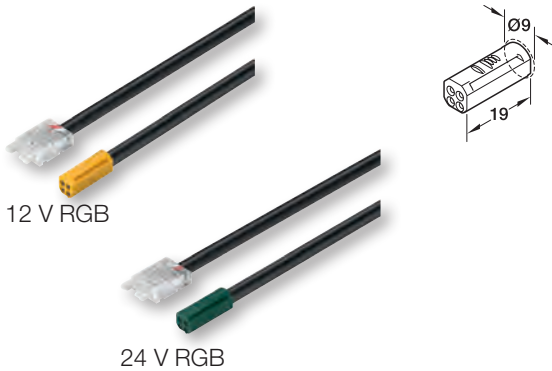
For LED strip light RGB, 10 mm



These leads are suitable for the following Loox5 lights:

- 5 12V** LED 2080
- 5 24V** LED 3080

Häfele Loox5 lead for LED strip light RGB, 10 mm



- > Current carrying capacity: Max. 3.5 A
- > Width: Clip 12 mm
- > Drill hole Ø: Plug 9 mm
- > Supplied with: 1 lead plug/clip

Type of cable	Voltage	Length mm	Cat. No.
RGB (4-wire 20 AWG)	5 12V	2000	833.95.704
	5 24V	2000	833.95.710

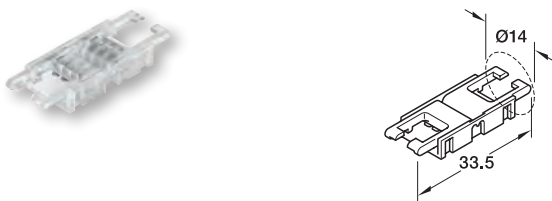
Häfele Loox5 interconnecting lead for LED strip light RGB, 10 mm



- > Current carrying capacity: Max. 3.5 A
- > Width: Clip 12 mm
- > Drill hole Ø: Clip 14 mm
- > Supplied with: 1 lead clip/clip

Type of cable	Length mm	Cat. No.
RGB (4-wire 20 AWG)	50	833.89.200
	500	833.89.201
	2000	833.89.202

Häfele Loox5 clip connector for LED strip light RGB, 10 mm



- > Current carrying capacity: Max. 3.5 A
- > Width: Clip 12 mm
- > Drill hole Ø: Clip 14 mm
- > Supplied with: 1 clip connector

Length mm	Cat. No.
33.5	833.89.209

Häfele Loox5 corner connector for LED strip light RGB, 10 mm



- > Current carrying capacity: Max. 3.5 A
- > Supplied with: 1 corner connector

Length mm	Width mm	Cat. No.
26	26	833.89.189

Loox5 multi-white/RGB extension leads



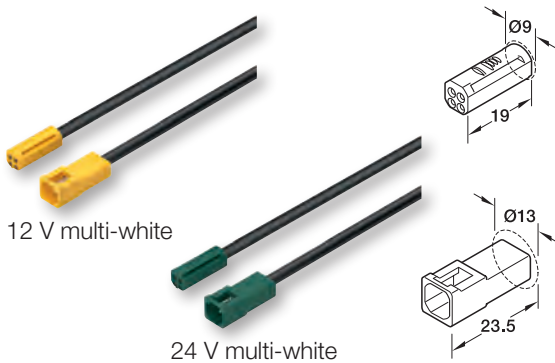
Häfele Loox5 extension leads



Maximum lead length from the Loox5 driver to the device is 10 m.

Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable. These lead to visible loss of brightness in the lights. The illuminance listed with the lights has been determined with the rated output voltage of the driver. (12 V or 24 V).

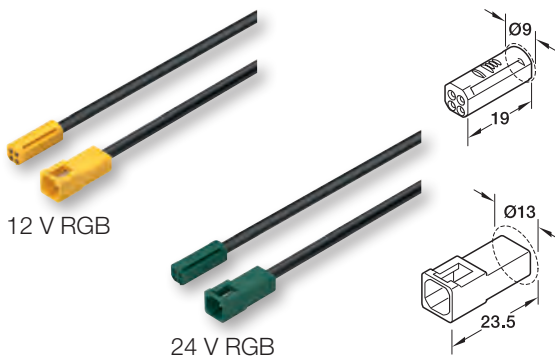
Häfele Loox5 extension leads multi-white



- > Area of application: For multi-white lights
- > Material: Plastic
- > Current carrying capacity: Max. 3.5 A
- > Drill hole Ø: Plug 9 mm, socket 13 mm
- > Supplied with: 1 extension lead
1 plug/1 socket

Type of cable	Voltage	500 mm	1000 mm	2000 mm
Multi-white (3-wire 20 AWG)	5 12V	-	-	833.95.715
	5 24V	-	-	833.95.720

Häfele Loox5 extension leads RGB



- > Area of application: For RGB lights
- > Material: Plastic
- > Current carrying capacity: Max. 3.5 A
- > Drill hole Ø: Plug 9 mm, socket 13 mm
- > Supplied with: 1 extension lead
1 plug/1 socket

Type of cable	Voltage	500 mm	1000 mm	2000 mm
RGB (4-wire 20 AWG)	5 12V	-	-	833.95.716
	5 24V	-	-	833.95.721

Switches

Sensor switches

Sensor switch	> Page 249
Door sensor switch	> Page 249
Motion detector	> Page 249
Dimmer	> Page 250
Captive switch/dimmer	> Page 250
Housing for switch, surface mounted	> Page 250
Sensor switch, surface mounted	> Page 251
Door sensor switch, surface mounted	> Page 251
Dimmer, surface mounted	> Page 251
Lead for modular switches	> Page 253
Extension lead for switch	> Page 253



249

Mechanical switches

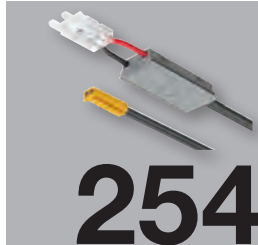
Door contact switch	> Page 252
Push switch	> Page 252
Rocker switch	> Page 252
Universal door contact switch	> Page 253
Extension lead for switch	> Page 253



252

Sensor switch for aluminium profiles

Dimmer	> Page 254
Motion detector	> Page 254



254

Multi switch box, multi driver box

Multi switch box	> Page 255
Multi driver box	> Page 256



255

Drilling jig and cable channel

Drilling jig for Loox cables and switches	> Page 257
Cable channel	> Page 257



255

Symbol overview

Sensor switch

Touchless, soft on/off switching



Door sensor switch

Soft on/off switching



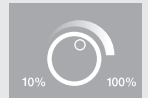
Motion detector

Automatic on/off switching



Dimmer

Soft on/off switching and dimming



Captive switch/dimmer

Touchless on/off switching and dimming



Universal door contact switch

On/off switching



Door contact switch

On/off switching,
door closed = light off,
door open = light on



Push switch

On/off switching



Rocker switch

On/off switching

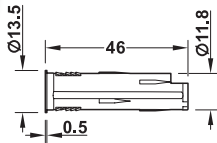


Sensor switches



Häfele Loox sensor switch, modular – touchless, soft on/off switching

TOUCHLESS



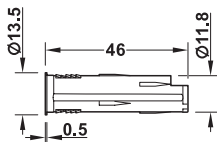
- > Material/colour: Plastic, silver coloured
- > Degree of protection: IP20
- > Sensor range: 0–80 mm
- > Power consumption: ≤0.3 W
- > Drill hole Ø: 12 mm
- > Supplied with: 1 switch

	Cat. No.
Sensor switch, modular	833.89.127

+ Please order lead with snap-in connector for modular switches to Loox driver separately. Cat. No. 833.89.142 see page 253

! On/off state is stored without the need for power supply (memory function).

Häfele Loox door sensor switch, modular – soft on/off switching

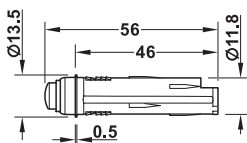


- > Material/colour: Plastic, silver coloured
- > Degree of protection: IP20
- > Sensor range: 0–100 mm
- > Power consumption: ≤0.3 W
- > Drill hole Ø: 12 mm
- > Supplied with: 1 switch

	Cat. No.
Door sensor switch, modular	833.89.128

+ Please order lead with snap-in connector for modular switches to Loox driver separately. Cat. No. 833.89.142 see page 253

Häfele Loox motion detector, modular – automatic on/off switching



- > Material/colour: Plastic, silver coloured
- > Degree of protection: IP20
- > Sensor range: 0–3000 mm
- > Sensor angle: 120 °
- > Power consumption: ≤0.1 W
- > Delay time: 30 sec.
- > Drill hole Ø: 12 mm
- > Supplied with: 1 motion detector

	Cat. No.
Motion detector, modular	833.89.129

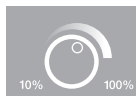
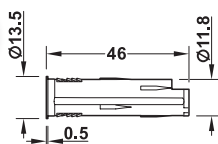
+ Please order lead with snap-in connector for modular switches to Loox driver separately. Cat. No. 833.89.142 see page 253

Sensor switches



Häfele Loox dimmer, modular – automatic on/off switching

WITH TOUCH/
TOUCHLESS



- > Material/colour: Plastic, silver coloured
- > Degree of protection: IP20
- > Power consumption: ≤ 0.3 W
- > Drill hole \varnothing : 12 mm
- > Supplied with: 1 dimmer

	Sensor range	Cat. No.
With touch	–	833.89.058
Touchless	0–60 mm	833.89.126

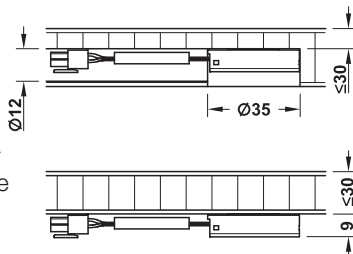
+ Please order lead with snap-in connector for modular switches to Loox driver separately. Cat. No. 833.89.142 see page 253

! Dimming value is stored without the need for voltage supply (memory function)

Häfele Loox capacitive switch/dimmer, modular – touchless on/off switching and dimming



This completely invisible operating solution opens up completely new possibilities in continuously adjustable light control.



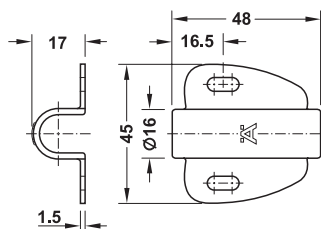
- > Manual operation (proximity sensor), memory function
- > Concealed installation in wood, glass or stone (not in metalliferous materials) at a maximum depth of 30 mm
- > For screw fixing or recess mounting (drill hole \varnothing 35 mm)
- > A distance of min. 500 mm to electromagnetic fields (power lines, microwave) must be adhered to.

- > Material/colour: Plastic, silver coloured
- > Diameter: 35 mm
- > Height: 10 mm
- > Degree of protection: IP20
- > Power consumption: ≤ 1 W
- > Supplied with: 1 switch

	Cat. No.
Capacitive switch/dimmer, modular	833.89.133

+ Please order lead with snap-in connector for modular switches to Loox driver separately. Cat. No. 833.89.142 see page 253

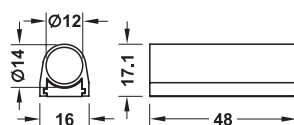
Housing for switch, surface mounted



- > Material/colour: Plastic, silver coloured
- > Supplied with: 1 housing
- > Application: For switch \varnothing 12 mm

\varnothing mm	Dim. (L x W x H) mm	Cat. No.
16	48 x 45 x 17	833.89.090
14	48 x 16 x 17.1	833.89.092

! Suitable for 32 mm series drilled holes

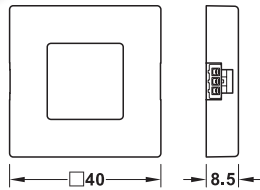
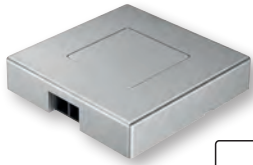


Sensor switches



Häfele Loox Sensor switch, surface mounted modular – touchless, soft on/off switching

TOUCHLESS



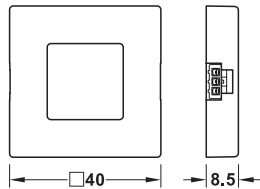
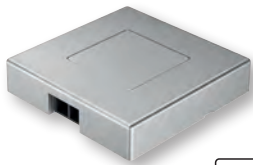
- > Material/colour: Plastic, silver coloured
- > Dim. (L x W x H): 40 x 40 x 8.5 mm
- > Degree of protection: IP20
- > Sensor range: 0–80 mm
- > Power consumption: ≤0.3 W
- > Supplied with: 1 switch with fixing material

	Cat. No.
Sensor switch, surface mounted modular	833.89.136

+ Please order lead with snap-in connector for modular switches driver separately. Length 2 m: Cat. No. 833.89.142 see page 253

! On/off state is stored without the need for power supply (memory function)

Häfele Loox Door sensor switch, surface mounted modular – soft on/off switching



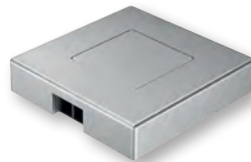
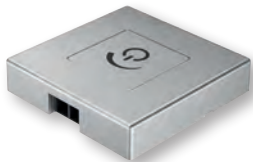
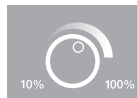
- > Material/colour: Plastic, silver coloured
- > Dim. (L x W x H): 40 x 40 x 8.5 mm
- > Degree of protection: IP20
- > Sensor range: 0–100 mm
- > Power consumption: ≤0.3 W
- > Supplied with: 1 switch with fixing material

	Cat. No.
Door sensor switch, surface mounted	833.89.137

+ Please order lead with snap-in connector for modular switches driver separately. Length 2 m: Cat. No. 833.89.142 see page 253

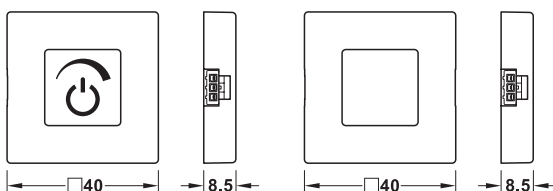
Häfele Loox Dimmer, surface mounted modular – soft on/off switching and dimming

WITH TOUCH/
TOUCHLESS



With touch function

Touchless



- > Material/colour: Plastic, silver coloured
- > Dim. (L x W x H): 40 x 40 x 8.5 mm
- > Degree of protection: IP20
- > Sensor range: 0–100 mm
- > Power consumption: ≤0.3 W
- > Supplied with: 1 switch with fixing material

	Sensor range	Cat. No.
With touch	–	833.89.134
Touchless	0–80 mm	833.89.135

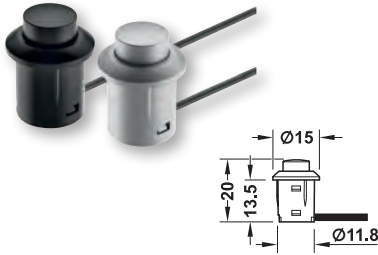
+ Please order lead with snap-in connector for modular switches driver separately. Length 2 m: Cat. No. 833.89.142 see page 253

! Dimming value is stored without the need for voltage supply (memory function)

Mechanical switches



Häfele Loox push switch – on/off switching

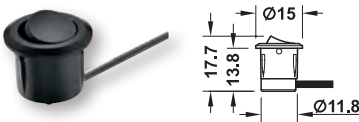


- > Drill hole Ø: 12 mm
- > Supplied with: 1 switch with 2 m lead

Material/colour:	Length mm	Cat. No.
Plastic, black	20	833.89.108
Plastic, grey		833.89.107

! Drill hole Ø for plug: 12 mm

Häfele Loox rocker switch – on/off switching

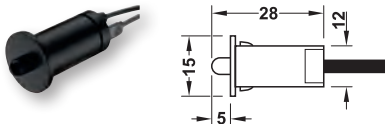


- > Material/colour: Plastic, black
- > Diameter: 15 mm
- > Height: 17.7 mm
- > Drill hole Ø: 12 mm
- > Supplied with: 1 switch with 2 m lead

	Cat. No.
Rocker switch	833.89.106

! Drill hole Ø for plug: 12 mm

Häfele Loox door contact switch – on/off switching



- > Degree of protection: IP20
- > Drill hole Ø: 12 mm
- > Supplied with: 1 switch with 2 m lead

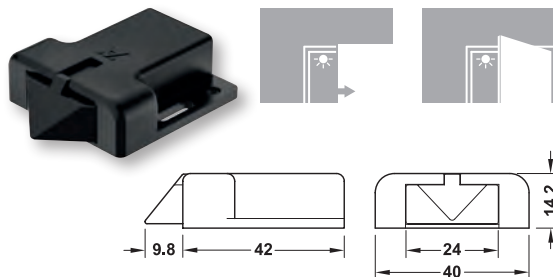
Material/colour	Length mm	Cat. No.
Plastic, black	28	833.89.059

! Drill hole Ø for plug: 12 mm

Mechanical switches



Häfele Loox universal door contact switch, modular – on/off switching



- > Material/colour: Plastic, black
- > Degree of protection: IP20
- > Supplied with: 1 switch with fixing material

Length x width mm	Height mm	Cat. No.
51.8 x 40	14.2	833.89.143

The universal door contact switch is suitable for hinged doors or single-leaf sliding doors

+ Please order lead with snap-in connector for modular switches driver separately. Length 2 m: Cat. No. 833.89.142 see page 253

Häfele Loox lead with snap-in connector for modular switches



- > Degree of protection: IP20
- > Supplied with: 1 lead

Material/colour:	Length mm	Cat. No.
Plastic, black	500 mm	833.89.140
	1000 mm	833.89.141
	2000 mm	833.89.142

+ Required for modular switches

! Drill hole Ø for plug: 12 mm

Häfele Loox extension lead for switches



- > Area of application: Switches and modular switches
- > Drill hole Ø: Plug 12 mm
- > Supplied with: 1 extension lead plug/socket

Length mm	Cat. No.
2000	833.89.067

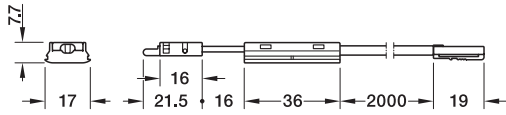
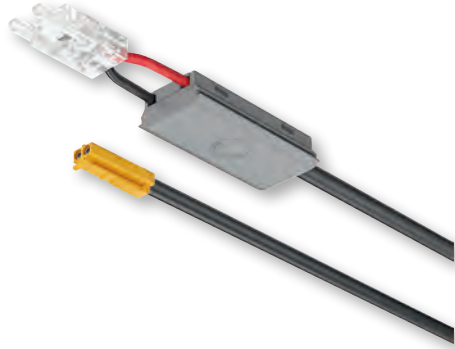
! The maximum lead length of a switch is 6 m

Sensor switches

For monochrome 8 mm LED strip lights in aluminium profiles



Häfele Loox5 aluminium profile dimmer – soft on/off switching with dimming



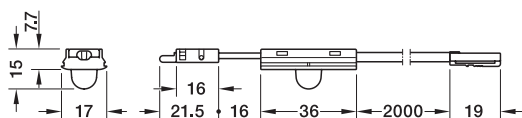
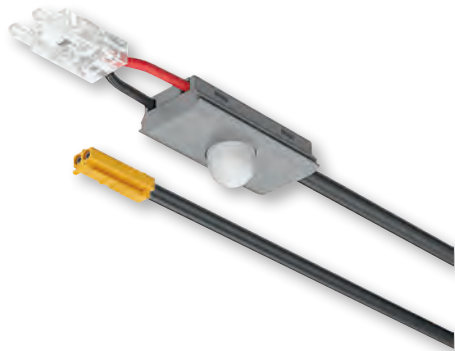
- > Area of application: For monochrome 8 mm Loox5 LED strip lights in aluminium profiles with 16 mm internal width
- > Material/colour: Plastic, silver coloured
- > Drill hole Ø: Plug 8 mm
- > Mounting: For push fitting into aluminium profile
- > Supplied with: 1 switch with clip/plug and 2 m lead

Voltage	Max. connected wattage W	Cat. No.
5 12V	60	833.95.751
5 24V	90	833.77.836

! Dimming value is stored without the need for voltage supply (memory function)

➔ Aluminium profile with 16 mm internal width see pages 174 and 182

Häfele Loox5 aluminium profile motion detector – automatic on/off switching



- > Area of application: For monochrome 8 mm Loox5 LED strip lights in aluminium profiles with 16 mm internal width.
- > Material/colour: Plastic, silver coloured
- > Drill hole Ø: Plug 8 mm
- > Mounting: For push fitting into aluminium profile
- > Sensor range: 0–3000 mm
- > Delay time: 30 sec.
- > Supplied with: 1 switch with clip/plug and 2 m lead

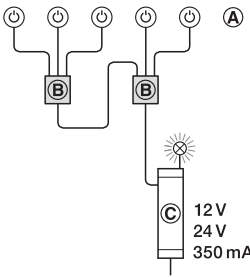
Voltage	Max. connected wattage W	Cat. No.
5 12V	60	833.95.750
5 24V	90	833.77.835

➔ Aluminium profile with 16 mm internal width see pages 174 and 182



Multi switch box

Häfele Loox multi switch box



- (A) Switch
- (B) Multi switch box
- (C) Driver

1 LED driver operated by up to 3 switches. Allows the LED driver or distributor with switching function to be switched on and off from different positions.



- > Function:
 - 2 operating modes can be selected using an integrated toggle switch.
 - Cross circuit: On/off switching at different switches
 - Deactivated cross circuit: Switching on with switch 1, 2 or 3.
 - For switching off, all switches that were switched on have to be activated again

- > Material/colour: Plastic, black
- > Length x width: 55 x 45 mm
- > Height: 16 mm
- > Degree of protection: IP20
- > Supplied with: 1 multi switch box
With 1 m lead for switch

Standby power consumption W	Cat. No.
≤0.3	833.89.066

+ Lead from multi boxes to switching input

Length mm	Supplied with	Cat. No.
500	1 lead	833.89.068
2000	1 lead	833.89.069

- ! Drill hole Ø for plug: 12 mm
- Alternative to the supplied 1 m lead for multi switch box
- The drill hole Ø for the male plug and the female socket of the switch leads is 12 mm
- Cannot be used in combination with dimmer 833.89.043

Häfele Loox extension lead for switches



- > Length: 2000 mm
- > Supplied with: 1 lead

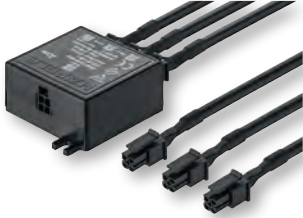
Extension lead for switch	Cat. No.
	833.89.067

- ! Drill hole Ø for plug: 12 mm
- Can also be used for the multi switch box and the multi driver box
- The maximum lead length of a switch is 6 m
- The drill hole Ø for the male plug and the female socket of the switch leads is 12 mm

Multi driver box



Häfele Loox multi driver box



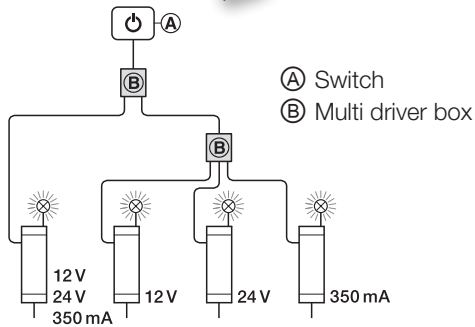
- > Finish: Plastic, black
- > Length x width: 50 x 40 mm
- > Height: 19 mm
- > Supplied with: 1 multi driver box with 3 x 1 m lead for switch

Standby power consumption W	Cat. No.
1.5 W	833.89.061

! Max. 3 x 75 W per multi driver box.

+ Order alternative lead 833.89.068 or 833.89.069 separately as interconnecting lead to switch input of the driver see below

! Drill hole Ø for plug: 12 mm
Alternative to the supplied three 1 m leads for multi driver box
The drill hole Ø for the male plug and the female socket of the switch leads is 12 mm



Up to 3 LED drivers with different voltages or distributors with a switching function can be controlled with 1 switch

Several lights in the room can be switched on and off with one switch

These can also be 3 of the same driver if you require additional power in a 12 V system, for example

Häfele Loox lead for multi boxes to switching input



- > Area of application: Multi switch box and multi driver box
- > Drill hole Ø: Plug 12 mm
- > Supplied with: 1 lead plug/plug

Length mm	Cat. No.
500	833.89.068
2000	833.89.069

Häfele Loox extension lead for switches



- > Length: 2000 mm
- > Supplied with: 1 lead

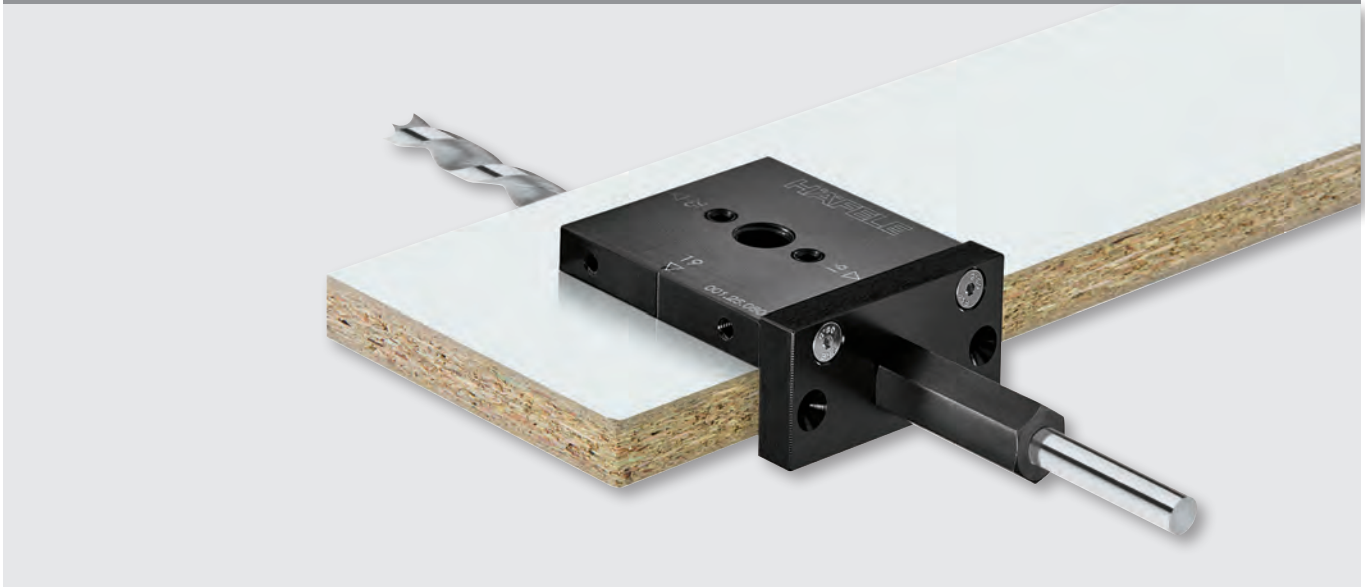
Extension lead for switch	Cat. No.
	833.89.067

! Drill hole Ø for plug: 12 mm
Can also be used for the multi switch box and the multi driver box
The maximum lead length of a switch is 6 m
The drill hole Ø for the male plug and the female socket of the switch leads is 12 mm

Drilling jig for switches and cables



Häfele drilling jig for Loox cables and switches



> Compact design for already assembled furniture



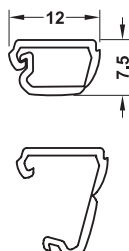
- > Area of application: Specially developed to drill precision holes in furniture side panels for cables and switches for Loox lights
Also for drilling holes for soft closing mechanisms, dowels, shelf supports or cruciform mounting plates
- > For panel thickness: 16, 19 and 25 mm
- > Version: 5 mm sleeve drill holes for mounting plates
- > Length: 75 mm
- > Drilling sleeve: 8, 10 and 12 mm
- > Packing: 1 pc

Remote switch

Cat. No.
001.25.080



Häfele Loox cable channel



- > Dim. (L x W x H): 2500 x 12 x 7.5 mm
- > Application: Concealing visible cables in furniture and cabinets
- > Supplied with: 1 cable channel with adhesive tape

Finish	Cat. No.
Black, RAL 9005	833.89.033
Brown, RAL 8007	833.89.023
White, RAL 9010	833.89.013

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Power

①

LIGHTS
& MEDIA

Häfele Loox5 drivers 12 V

Constant voltage 12 V

[> Page 259](#)

Country-specific main leads

[> Page 259](#)

②

DISTRIBUTION

③

SWITCHES

Häfele Loox5 drivers 24 V

Constant voltage 24 V

[> Page 260](#)

Country-specific main leads

[> Page 260](#)

④

POWER

①

LIGHTS
& MEDIA

②

DISTRIBUTION

③

CONNECT
MESH

④

SWITCHES

⑤

POWER

Loox5 drivers

12 V



Häfele Loox5 driver constant voltage 12 V



EXTRA SLIM

- > Version: With overload protection
- > Colour: Black
- > Degree of protection: IP20
- > Input voltage: 100–240 V~; 50–60 Hz
- > Output voltage: DC 12 V
- > Number of connections: 1x socket Loox5 12 V
- > Life time: >50,000 hours
- > Supplied with: 1 driver with mounting accessories

5 12V	Output power	Output current	Standby power consumption	Dim. (L x W x H)	Cat. No.
	W	A	W	mm	
1	20	1.67	≤0,2 W	140 x 50 x 16	833.95.000
2	40	3.33	≤0.3 W	191 x 60 x 16	833.95.002
3	60	5.00	≤0.3 W	230 x 70 x 16	833.95.003

! Ambient temperature –25 °C to +45 °C (60 W: 40 °C)
Ensure that there is a sufficient air supply and circulation at the mounting location

! Maximum lead length from the Loox5 driver to the device is 10 m.
Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable. These lead to visible loss of brightness in the lights. The illuminance listed with the lights has been determined with the rated output voltage of the driver (12 V or 24 V)

Loox main leads, socket at cable: C7



833.89.000 UK



833.89.009 bare ended

- > Voltage: 250V
- > Material: Plastic
- > Colour: Black
- > Packing: 1 pc

Type	Length mm	Cat. No.
UK moulded plug	2000	833.89.000
	5000	833.89.080
Bare ended	2000	833.89.009

! Loox extension leads available to order separately see page 262

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Loox5 drivers

24 V



Häfele Loox5 driver constant voltage 24 V



EXTRA SLIM



- > Version: With overload protection
- > Colour: Black
- > Degree of protection: IP20
- > Input voltage: 100–240 V~; 50–60 Hz
- > Output voltage: DC 24 V
- > Number of connections: 1x socket Loox5 24 V
- > Life time: >50,000 hours
- > Supplied with: 1 driver with mounting accessories

5 ^{24 V}	Output power	Output current	Standby power consumption	Dim. (L x W x H)	Cat. No.
	W	A	W	mm	
1	20	0.83	≤0,2 W	140 x 50 x 16	833.95.008
2	40	1.67	≤0.3 W	191 x 60 x 16	833.95.010
3	90	3.75	≤0.3 W	316 x 70 x 16	833.95.011

! Ambient temperature –25 °C to +45 °C
Ensure that there is a sufficient air supply and circulation at the mounting location

! Maximum lead length from the Loox5 driver to the device is 10 m. Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable. These lead to visible loss of brightness in the lights. The illuminance listed with the lights has been determined with the rated output voltage of the driver (12 V or 24 V)

Loox main leads, socket at cable: C7



833.89.000 UK



833.89.009 bare ended

- > Voltage: 250V
- > Material: Plastic
- > Colour: Black
- > Packing: 1 pc

Type	Length mm	Cat. No.
UK moulded plug	2000 5000	833.89.000 833.89.080
Bare ended	2000	833.89.009

! Loox extension leads available to order separately see page 262

Loox5 drivers

24V



Häfele Loox5 driver constant voltage 24 V



Driver 240 W, 200–240 V~
833.95.012

- > Version: With overload protection
- > Colour: Black
- > Degree of protection: IP20
- > Standby power consumption: <0.5 W
- > Output voltage: DC 24 V
- > Dim. (L x W x H): 234 x 75 x 38 mm
- > Life time: >50,000 hours
- > Supplied with: 1 driver with mounting accessories

5 ^{24 V}	Input voltage	Output power	Output current	Number of connections	Cat. No.
		W	A	Loox5 24 V	

200–240 V~: typical input voltage in UK, AU, EU, KR and large areas of Asia and Africa

4	200–240 V~, 50–60 Hz	240 (2 x 120)	2 x 5	2x socket	833.95.012
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⚠ Please pay attention to the regional input voltage when choosing the driver

⚠ Ambient temperature –25 °C to +45 °C (270 W: 40 °C)
Ensure that there is a sufficient air supply and circulation at the mounting location.

⚠ Maximum lead length from the Loox5 driver to the device is 10 m. Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable. These lead to visible loss of brightness in the lights. The illuminance listed with the lights has been determined with the rated output voltage of the driver (12 V or 24 V)

Loox main leads, socket at cable: C13



833.89.256 UK



833.89.265 Bare ended

- > Voltage: 250V
- > Material: Plastic
- > Colour: Black
- > Packing: 1 pc

Type		Length mm	Cat. No.
	UK moulded plug	2000	833.89.256
	Bare ended	2000	833.89.265

Mains leads



Loox mains leads, socket at cable: C7



833.89.000 UK



833.89.009 bare ended

- > Voltage: 250V
- > Material: Plastic
- > Colour: Black
- > Packing: 1 pc

Type		Length mm	Cat. No.
	UK moulded plug	2000	833.89.000
		5000	833.89.080
	Bare ended	2000	833.89.009

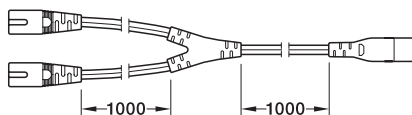
Loox extension leads, socket at cable: C7



833.89.217

- > Voltage: 250V
- > Material: Plastic
- > Colour: Black
- > Packing: 1 pc

Type		Length mm	Cat. No.
	Extension	2000	833.89.220
	Y-extension	2000	833.89.217



833.89.220

Loox main leads, socket at cable: C13



833.89.256 UK



833.89.265 Bare ended

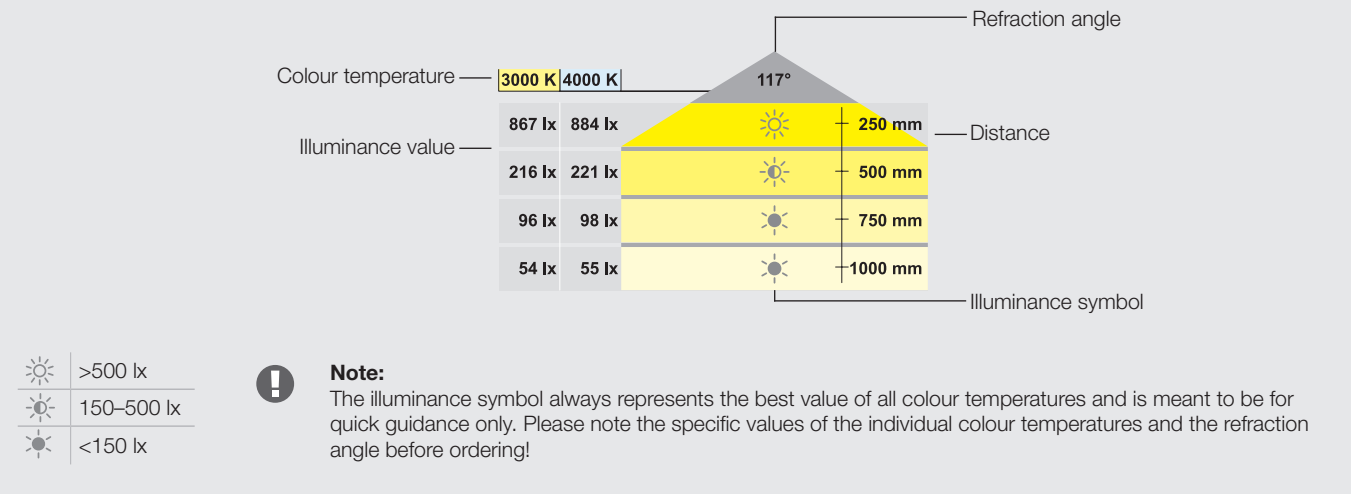
- > Voltage: 250V
- > Material: Plastic
- > Colour: Black
- > Packing: 1 pc

Type		Length mm	Cat. No.
	UK moulded plug	2000	833.89.256
	Bare ended	2000	833.89.265



Light effects and lighting technology

Cone of light







Recommendation for illumination of interior rooms

Interior room type	Illuminance in Lux at 500 mm	Colour temperature
Kitchen, dining area	300–500	2700–4000 K
Store fixtures, galleries	300–500	4000–6500 K
Bedroom, living room	200–300	2700–4000 K
Bathroom	200–500	3500–4000 K
Storage room	100	4000–5000 K
Orientation light, hallway, wardrobe	10–50	4000–5000 K

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Symbols



Product features

-  Dimmable
-  RGB light
-  Multi-white light
-  Bluetooth®: ndustry standard for data transmission between electronic devices by radio over a short distance. The Bluetooth® word mark and logos are registered trademarks of Bluetooth SIG, Inc., and Häfele uses these marks under licence. Other trademarks and names are the propriety of their respective owners.



Test symbol

-  TÜV seal of quality
-  Confirmation from manufacturer that the product complies with the product-specific applicable European norms and standards. Häfele will not use the certification in advertising.
- RoHS** Restriction of Hazardous Substances (EU directive 2011/65/EU). Häfele will not use the certification in advertising.
-  Underwriters Laboratories, correspondence with the national standards in the USA and Canada
-  Energy efficiency standard VI of the United States Department of Energy
-  Product Safety Electrical Appliance and Material Safety Law (for Japan)
-  Regulatory Compliance Mark (for Australia)
-  China Compulsory Certification
- ERC** Eurasian Conformity, for CU countries (Russia, Kazakhstan, Belarus)
-  Korea Certification Mark
-  Bureau of Standards, Metrology & Inspection BSMI (for Taiwan)
-  Thai Industrial Standards Institute TISI
-  European Norms Electrical Certification, with indication of the testing laboratory (one of 18 European national institutes)
- FC** Declaration of Conformity for telecommunication and radio equipment (USA)
-  Telecommunication and Radio Equipment (Japan)







Protection classes

-  Protection class II
-  Protection class III



Degrees of protection

- IP20** Only for use in dry locations
- IP44** Penetration by solid foreign bodies $\varnothing \geq 1$ mm is prevented. Water spray protection (water from all directions)
- IP65** Dustproof, protection from water spray (jet) from any angle.
-  IP44 after installation
-  IP65 after installation

Safety symbols

-  Installation permitted on or in furniture, whose ignition properties are unknown.
-  Max. surface temperature in case of fault
-  Lights to be used indoors only. Not to be used outdoors!
-  Do not use components that impede thermal radiation.
-  Waste of Electrical and Electronic Equipment. Do not dispose of in residential waste!
-  Driver, converts alternating current to direct current

Voltage supply

- SELV** Safety Extra Low Voltage
-  Independent operating unit for use outside of light without additional cover.
-  Short-circuit proof with safety isolation

Technical terms

Technical terms

Refraction angle The refraction angle (beam angle) describes the angle between two imagined straight lines in a plane through the visual beam axis, whereby these straight lines go through the centre of the front of the lamp and through the points at which the illuminance is 50% of the illuminance on the visual beam axis.

Illuminance The illuminance is the **luminous flux** (lm) in relation to a surface (m²) and it is indicated in Lux (lx). It is used to measure the brightness with which a surface is illuminated.

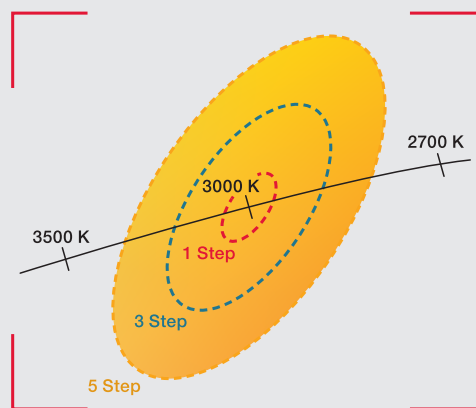
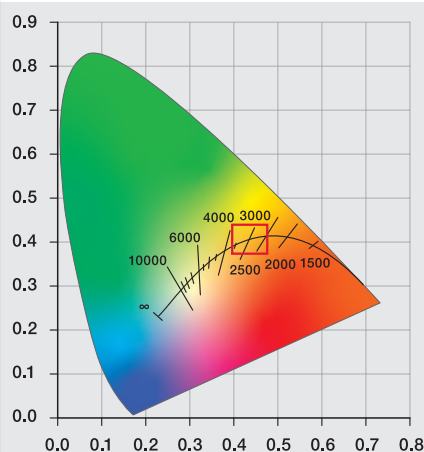
Binning During industrial manufacture, LEDs differ from each other with regard to colour, luminous flux (brightness) and forward voltage. In order to achieve consistent light quality with the same brightness level and a uniform light colour, they are therefore sorted according to colour, luminous flux and forward voltage and separated into bins ("containers") during manufacture. This sorting process is known as Binning. Häfele exclusively uses bins with a high degree of brightness in order to achieve high efficiency.

Bluetooth® Mesh Network technology which was introduced in 2017, based on Bluetooth® Low Energy, in which all components (controls, devices) form a joint network, which is ideal for controlling lights. Häfele Connect Mesh uses this technology.

Energy efficiency class The energy efficiency class provides information about the relevant energy consumption. Lamps and lights are categorised in classes E to A++. LED lights achieve the highest classes A to A++.

Colour temperature and light colour The colour temperature is a specification of the colour appearance of a white light source and is measured in Kelvin (K). The lower the colour temperature, the warmer the light colour; the higher the colour temperature, the cooler the light colour. White light sources with a colour temperature below 3400 K are considered "warm white" by Häfele, white light sources with a colour temperature between 3400 K and 5700 K are considered "cool white". White light sources above 5700 K are referred to as "daylight white".

Colour consistency/ colour differences



Colour differences are specified in stages, so called "MacAdams Ellipses" or "SDCM" (Standard Deviation of Colour Matching). Häfele uses 3 SDCM binnings for its LED products. This is a good value, because it is statistically unlikely that LEDs with a maximum colour difference will be next to each other on the strip light or in the light and that the colour difference is visible. In its ErP directive, the EU Commission stipulates that 6 SDCMs may not be exceeded for LED products.

SDCM	Visibility
1	Only people with extremely good vision can see the most minimal colour differences.
2	Most minimal colour differences are visible.
3	Very small colour differences are visible.
4	Colour differences are visible.
5	Significant colour differences are visible.
>5	Very clear colour differences are visible.

Colour rendering index CRI The colour rendering index is a parameter that can be used to compare the colour rendering quality of light sources at the same colour temperature. The higher the value, the better the colour rendering. A value of 100 corresponds to the colour rendering of daylight.


Weighted energy consumption The weighted energy consumption is rounded to two decimal places in kilowatt hours in relation to 1,000 hours of use. It applies to operation of the LED with an external driver. The calculation and publication of this value is defined by EU ordinance No. 874/2012.

Technical terms

Constant current technology	The same current flows through each LED. That means that the brightness of all LEDs is the same, and a drop in luminous flux is prevented. This increases the maximum visual length of the strip lights.																												
Life time	Specified in operating hours. The life time mainly depends on the warming of the products. The hotter the environment, the shorter the life time. The replacement rate in years is calculated from the total life time and the average operating time per annum. The following table can be used as a planning aid. The specified life time relates to L70/B50. <table border="1"> <thead> <tr> <th>Indoor use</th> <th>Annual operating time (EN 15193) hours</th> <th>Replacement rate Years</th> <th>Life time installation Hours</th> </tr> </thead> <tbody> <tr> <td>Office</td> <td>2,500</td> <td>20</td> <td>50,000</td> </tr> <tr> <td>Education</td> <td>2,000</td> <td>25</td> <td>50,000</td> </tr> <tr> <td>Hospital</td> <td>5,000</td> <td>10</td> <td>50,000</td> </tr> <tr> <td>Hotel</td> <td>5,000</td> <td>10</td> <td>50,000</td> </tr> <tr> <td>Restaurant</td> <td>2,500</td> <td>10</td> <td>25,000</td> </tr> <tr> <td>Shop</td> <td>5,000</td> <td>10</td> <td>50,000</td> </tr> </tbody> </table>	Indoor use	Annual operating time (EN 15193) hours	Replacement rate Years	Life time installation Hours	Office	2,500	20	50,000	Education	2,000	25	50,000	Hospital	5,000	10	50,000	Hotel	5,000	10	50,000	Restaurant	2,500	10	25,000	Shop	5,000	10	50,000
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Life time L80/B10	L80 is the time after which the LED is still emitting 80 % of its original light. B10 means that 10 % of the LEDs may have less than 80 % of the original light output. Häfele tests all LEDs it uses in accordance with the LM-80 standard. LM-80 is a standardised testing method, which allows products to bear the EPA's (Environmental Protection Agency) Energy Star. The test is a manufacturer-independent comparison of LEDs. During the test the luminous flux (Lumen maintenance) of an LED is tested at three different temperatures for a minimum of 6,000 hours. Then the life time L80 is calculated by means of extrapolation. The extrapolation procedure is described in regulation IES TM-21.																												
LED	A light-emitting diode (LED) is a semi-conductor element that emits light when electricity passes through it. This semi-conductor element consists of a crystal that is attached to a metal base, and both are encapsulated in protective plastic. LEDs are mostly based on inorganic, i.e. non-carbonic materials.																												
Luminous efficacy	The luminous efficacy is the ratio of the luminous flux and the wattage absorbed. It is used to measure the operating efficiency of the light source. It is indicated in Lumen per Watt (lm/W).																												
Luminous flux	It is indicated in Lumen (lm). The luminous flux indicates the light output, i.e. the quantity of light a source emits. The value may be subject to measurement and production-related fluctuations of ±10 %.																												
Drop in luminous flux	The brightness of the LEDs on LED strip lights decreases with the length of the strip light due to the increasing resistance of the copper line. A drop in luminous flux from the first to the last LED of up to 30% is imperceptible to the human eye. That's why Häfele specifies a maximum strip light length for this visual value. Generally, it is possible to operate strip lights with longer lengths, but a difference in brightness will be visible. Exception: The LEDs of the strip lights with constant current technology (LED 2077/3050/3051/3052) always have the same brightness.																												
Max. strip light length	Visual value Strip light length with an imperceptible drop in luminous flux of max. 30%. Wattage-dependent value Strip light length = output power of driver / wattage of the strip light per meter. If the wattage-dependent value is greater than the visual value, a difference in brightness will be perceivable. Exception: The LEDs of the strip lights with constant current technology (LED 2077/3050/3051/3052) always have the same brightness.																												
Multi-white	The light colour of shades of white can be changed as required with Häfele Connect. Mesh, e.g. from warm white to cool white.																												
RGB	RGB is the abbreviation for red, green and blue. In combination with Häfele Connect Mesh, almost any colour combination can be created from the three primary colours.																												
RoHS – Lead in Loox products	Loox Products by Häfele are lead-free and adhere to the RoHS guidelines. RoHS is part of CE conformity. All Loox products are CE compliant. Häfele does not advertise the CE conformity in its catalogues, since only CE compliant products are allowed to be offered. The declaration of conformity is available online at www.hafele.com																												
Transmittance	Ratio of transmitted light to incidental light. An ideal transparent body would have a transmittance of 100 %.																												

Frequently asked questions

Frequently asked questions

How do I clean an LED strip light?	LED strip lights without a silicone sleeve do not require cleaning. Silicone strip lights can be wiped down with a damp antistatic cloth. Scouring agents and aggressive cleaners can destroy the surface and attack the LEDs.																																				
May I use drivers from other manufacturers?	In order to ensure the safety and functionality of the installation, only Loox drivers or drivers that have been explicitly approved by Häfele may be used. If an electronics technician installs the system, Loox can also be connected and coupled with on-site electrical equipment. However, we explicitly point out that these tasks must be performed by a qualified electrician.																																				
What is the life time of the products in permanent operation?	Loox5 drivers >50,000 hrs. with max. ambient temperature (40 °C/45 °C), wall plug drivers 30,000 hrs. at an ambient temperature of max. 40 °C. Provide for sufficient air supply and circulation at the mounting location of the driver. Loox5 LED strip lights >50,000 hrs. at an ambient temperature of max. 45 °C. Cooling with an aluminium profile is recommended from 9.6 W/m.																																				
Can the multi switch box, the multi driver box and the 3-way distributor with switching function be connected in series multiple times?	No, because the signals can no longer be transmitted properly.																																				
Can 12 V and 350 mA lights or 12 V and 24 V lights be used together?	Yes, please use our respective converter. (converters see chapter Supplying)																																				
How can sensor switch malfunctions be avoided (Ø 12 mm)?	Check for correct switch installation. The TOP lettering on the switch must point upwards in the installation situation.																																				
How is consistent bulb light colour guaranteed?	Häfele makes high demands on the selection of the materials. All Loox5 strip lights contain high-quality and long-lasting LEDs from Samsung and Lumileds. Setting very tight quality specifications ensures not only luminous flux and breakdown voltage, but also consistent light colour for follow-up purchases.																																				
What is the maximum wattage that I can connect to a device output of the driver?	With 12 V systems it is 12 V x 5.0 A = 60 W with a 60 W driver With 24 V systems it is 12 V x 3.75 A = 90 W with a 90 W driver																																				
How long may the lead between the driver and the device be?	The maximum lead length from the Loox5 driver to the device is 10 m. Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable. These lead to visible loss of brightness in the lights. The illuminance listed with the lights has been determined with the rated output voltage of the driver. (12 V or 24 V).																																				
What is AWG?	AWG stands for American Wire Gauge. It is the coding for wire diameters in electrical leads that are mainly used in North America. This identifies the cross-section of wires in electrical leads that consist of strands and wire.																																				
What is the current carrying capacity of my cable?	<p>Häfele allows the following current carrying capacity and wattage:</p> <table border="1"> <thead> <tr> <th>Type of cable</th> <th colspan="2">24 AWG</th> <th colspan="2">22 AWG</th> <th colspan="2">20 AWG</th> <th colspan="2">18 AWG</th> </tr> </thead> <tbody> <tr> <td>Current carrying capacity</td> <td colspan="2">1.5 A</td> <td colspan="2">2.5 A</td> <td colspan="2">3.5 A</td> <td colspan="2">5.0 A</td> </tr> <tr> <td>Voltage</td> <td>12 V</td> <td>24 V</td> <td>12 V</td> <td>24 V</td> <td>12 V</td> <td>24 V</td> <td>12 V</td> <td>24 V</td> </tr> <tr> <td>Wattage</td> <td>18 W</td> <td>36 W</td> <td>30 W</td> <td>60 W</td> <td>42 W</td> <td>84 W</td> <td>60 W</td> <td>120 W</td> </tr> </tbody> </table> <p>The type of cable is imprinted on the coating of the cable.</p> 	Type of cable	24 AWG		22 AWG		20 AWG		18 AWG		Current carrying capacity	1.5 A		2.5 A		3.5 A		5.0 A		Voltage	12 V	24 V	12 V	24 V	12 V	24 V	12 V	24 V	Wattage	18 W	36 W	30 W	60 W	42 W	84 W	60 W	120 W
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Can an LED flexible strip light be used behind acrylic glass?	Yes, however the acrylic glass increases the colour variations (binning) up to four times and minimal colour deviations are therefore more visible.																																				
Can Loox lights be operated using multiple switches?	Yes, please use the multi switch box to do this. Up to three switches can be connected to the multi switch box (multi switch box see pages 132 and 255).																																				
Why do the lights have to be plugged in first before connecting the high voltage mains plug?	If the driver is connected to the mains first, electrical power is output at the secondary side, which leads to overvoltage and therefore damage to the lights if they are connected.																																				
Can Loox lights be used in RVs/boats/cars?	Yes, for sure. We have special IC strip lights that compensate for voltage fluctuations of the vehicles without problems. Our regular LED strip lights can be used as well. It is important to note, however, that the voltage peaks may reduce the life time.																																				

Frequently asked questions

Can I use Loox in a sauna/bathroom?

We offer special lights that offer IP44 protection when installed. This is sufficient for many applications. Our LED silicone strip lights are IP44 protected as well. However, it must be ensured that the driver and mains lead are dry. Furthermore, a maximum ambient temperature of 45 degrees must be ensured.

Why does my LED light flash?

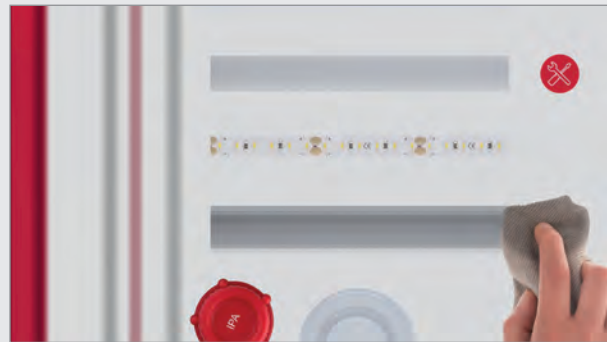
Flashing is a sign of (under or) overloading. Use a driver with higher power or reduce the number of devices.

Further information

Video guides

Language neutral for all markets

Language-independent videos are available for the Loox radio remote controls and other selected products at www.hafele.com next to the item.



Installation instructions

Language neutral for all markets

LOOK5 **HÄFELE**

LED 3010 *Loox* 833.75.040
833.75.041
833.75.042

3x3	K	W	T _A	mm	mm	
833.75.040	3000 K					833.77.900 833.77.901
833.75.041	4000 K	3.25 W	-20 °C – +35 °C -4 °F – +95 °F	Ø 65 x 12	≥ Ø 75 x 22	833.77.912 833.77.913 833.77.914 833.77.915
833.75.042	6000 K					

Language neutral installation instructions are provided for all Häfele Loox lighting systems.

RoHS 1/2

Energy efficiency class

Label in all EU languages

HÄFELE 833.75.040
LED 3010

This luminaire contains built-in LED lamps.

A+
A+
A
C
D
F

LED

The lamps cannot be changed in the luminaire.

874/2012

Labels are available for downloading in all EU languages for all Loox lighting systems at www.hafele.com.

HÄFELE

732.04.37X-07/20-LOOX LED LIGHTING SYSTEM 2020

Häfele UK Ltd | Swift Valley Industrial Estate | Rugby | Warwickshire | CV21 1RD | Registered in England No. 1486136

Phone: 0800 171 2909 | **Fax:** 01788 544440 | **Email:** info@hafele.co.uk | **Technical:** 0800 171 2908

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