

HÄFELE



LOOX5

**The LED lighting system
for furniture and rooms.**

5

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Häfele Connect Mesh

- 6-way distributor
- Adapter multi-white, RGB, fittings
- Remote control
- Push button switch, wall mounted
- 2-channel interface

Term definition

- Distributor
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Adapters Loox5/Loox

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2

High-performance LED strip lights and design-oriented aluminum profiles – also available in designer finishes: black and brushed stainless steel colored.



Compatibility > **Page 114**

Adapters ensure compatibility: Using different Loox generations in one installation.



Technical data > **Page 138**

By professionals for professionals – all facts about LED strip lights at a glance.



 **Häfele Connect Mesh**

Page

95

The wireless network of lights and electrically operated fittings – with optional integration of the electrical installation of buildings.



Task light, Ambient light, Accent light > **Page 144**

Suitable areas of application for each light – now in a quick overview.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

on.



LOOX5



We have invested many hours working with LED lights, we have developed and researched, we have had many valuable discussions with partners in trade and industry – and we have learned a great deal. The market is demanding digital answers.

The result after four generations of Loox LED lights is therefore not simply further development, but a new level. Our development has accelerated. Because the world is accelerating, and the demands of our customers are growing at an equally rapid rate.

The essence of four generations.

We are driven by the same questions
time and time again.

How can it be made easier?
How can it be made better?
How can it be made more intelligent?

5



The essence of our experience
therefore has a new face.

Welcome to Loox5.



**Easy.
Logical.
Linear.**



Loox5

Supplying.

Output current 5 A. Suitable for longer installation routes.
Engineered by Häfele.

Loox5

Distributing.

Wired.

6-way distributor for monochrome lights. With connector for all standard switches from the Loox product range.



Straight down the line.

Loox5

Networking.

Wireless.

Häfele Connect Mesh 6-way distributor.
For RGB, multi-white and monochrome
lights. Engineered by Häfele.

Häfele Connect
Mesh push
button, wall-
mounted



Push button,
wall-mounted
External
product



Networking via
Häfele Connect
Mesh 2-channel
interface

Häfele Connect
Mesh App



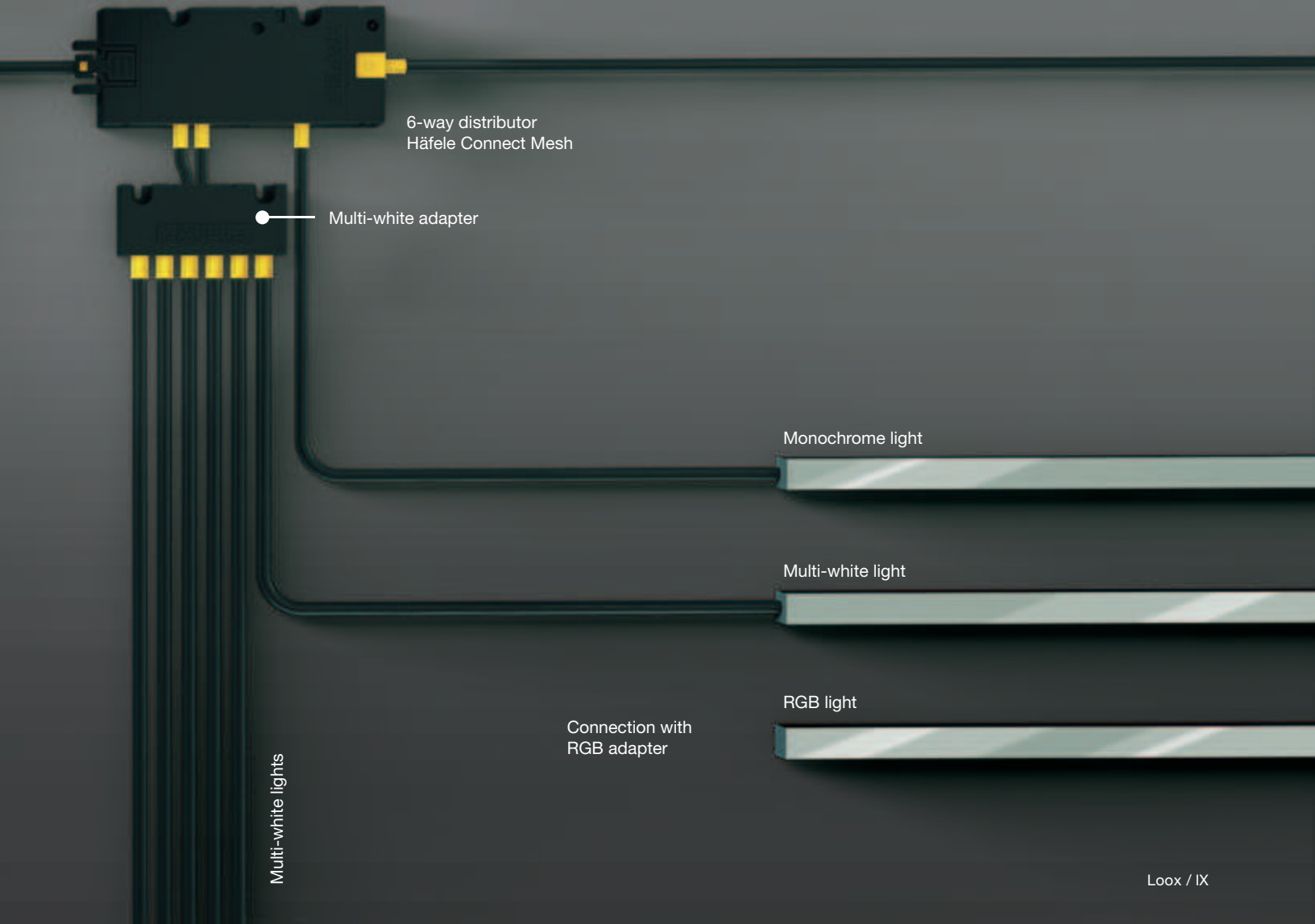
Häfele Connect
Mesh remote
control



Loox5

Illuminating.

Equipped with high-quality LEDs
made by Samsung.



Loox5

Color codes.



Multi-white

RGB

Monochrome

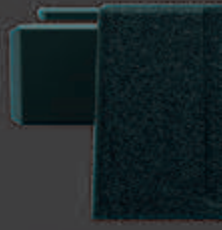
Yellow-in-yellow
The Loox5 system with
12 volts

Intu
con.

itive nec_tions.

Green-in-green
The Loox5 system with
24 volts





RGB, multi-white, monochrome light.
The Häfele Connect Mesh 6-way distributor
controls everything. At once. Wireless.

Intelligent light, intelligently solved.

All-in-one

**The Loox5
light control.**

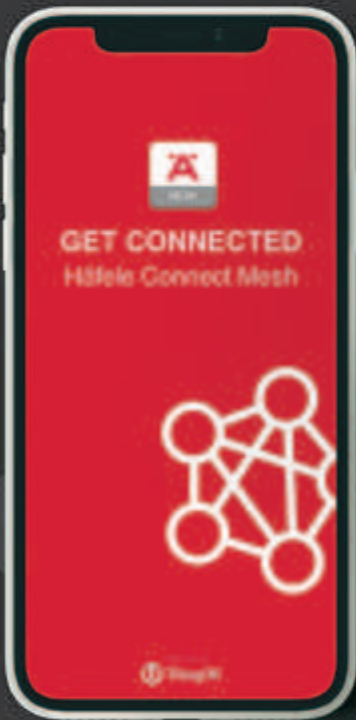
Häfele Connect Mesh 6-way distributor.



Häfele Connect Mesh App

Häfele Connect Mesh push button, wall-mounted

Häfele Connect Mesh remote control



Control light and configure the lighting individually – it's that simple with the Loox5 system: all of the Loox5 lights installed in the house "register" in the Häfele Connect Mesh App and are integrated into the app interface in just a few steps. Now the lights can be individually activated,

dimmed, their light color can be changed, or they can be simply switched on and off. At the same time, different lighting scenarios can be created and saved. Operation can take place completely in accordance with requirements: via the app, via remote control or using

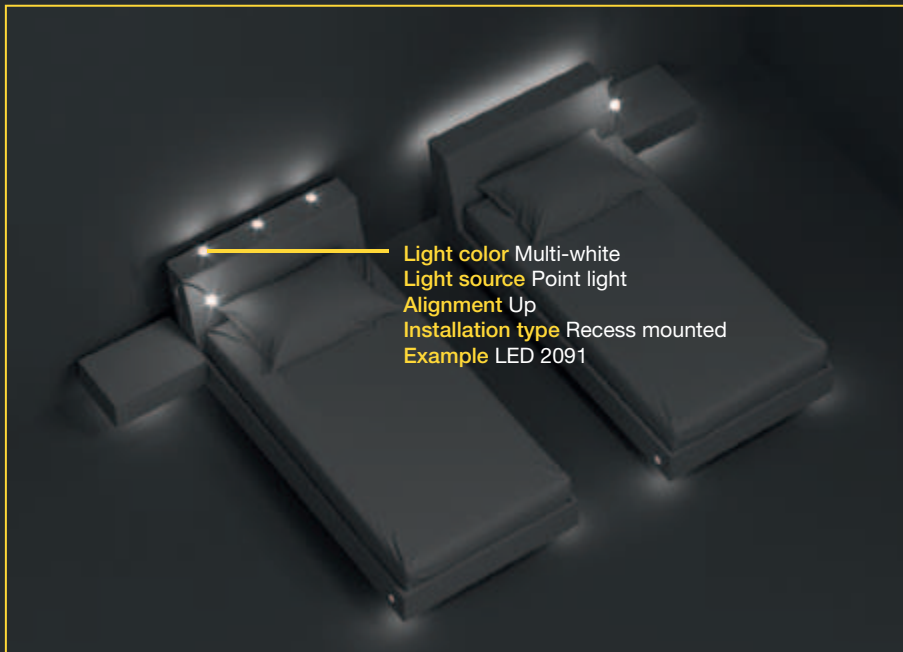
wall-mounted push buttons. Integrating the Häfele Connect Mesh 2-channel interface also makes every standard wall-mounted push button compatible with the app. Loox5. A modular networking kit which can be described with one word: EASY.

Light is easy.

Few criteria.

Many solutions.

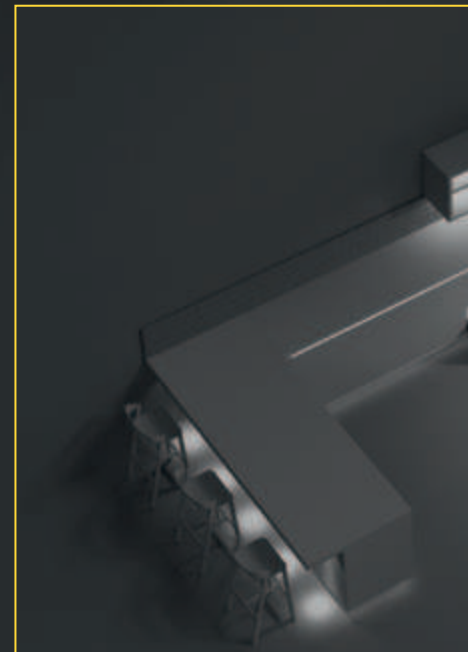
| | |
|--------------------------------|---|
| Light color | Monochrome Multi-white RGB |
| Light intensity | Task light Ambient light Accent light |
| Light source | Linear light Point light |
| Alignment | Directly or indirectly Up or down Forward or backward To the side |
| Position on the cabinet | Outside Inside |
| Installation type | Recess mounted Surface mounted |



Light color Multi-white
Light source Point light
Alignment Up
Installation type Recess mounted
Example LED 2091


Light in the sleeping area.

Atmosphere full of ambience for rest areas.



Light in the kitchen.

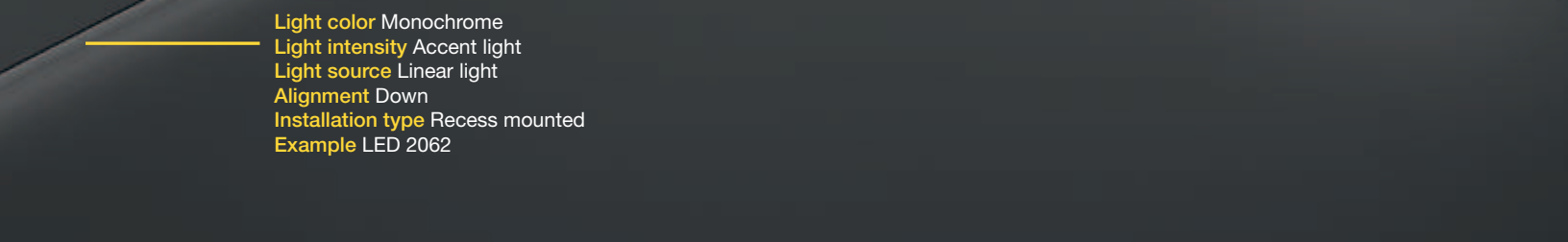
Functionality for every action.



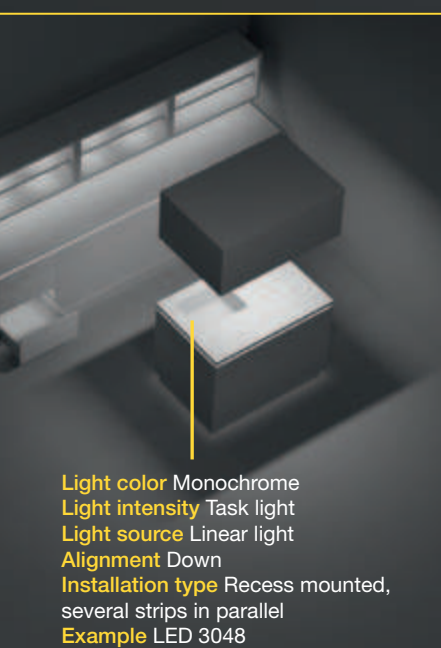
Light color Monochrome
Light intensity Ambient light
Light source Linear light
Alignment To the side
Installation type Attached at the side to the circular mounting plate behind the mirror
Example LED 3040, just 5 mm wide for slim design applications

Light in the storage space.

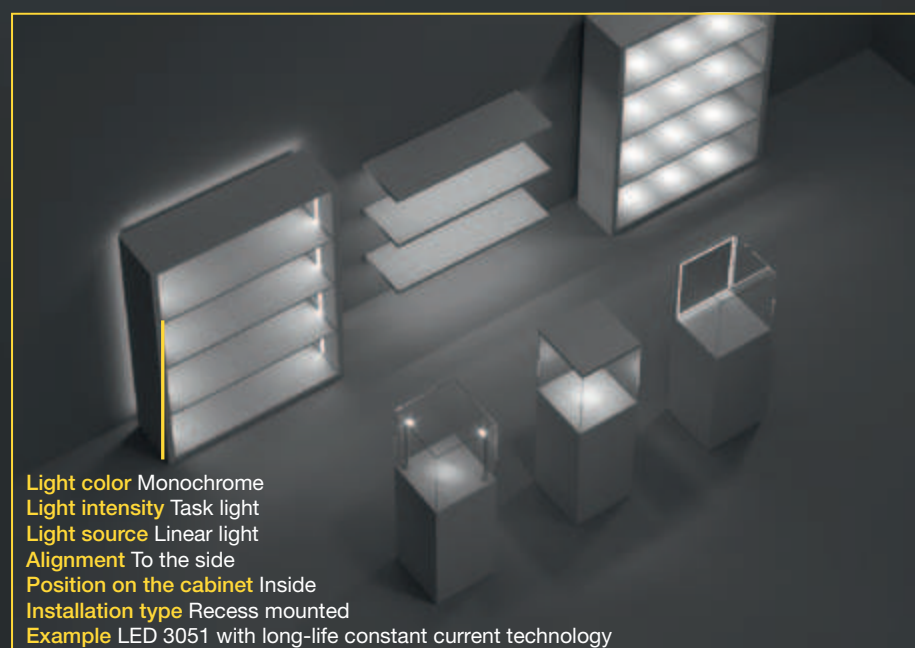
Orientation for perfect organization.



Light color Monochrome
Light intensity Accent light
Light source Linear light
Alignment Down
Installation type Recess mounted
Example LED 2062



Light color Monochrome
Light intensity Task light
Light source Linear light
Alignment Down
Installation type Recess mounted, several strips in parallel
Example LED 3048



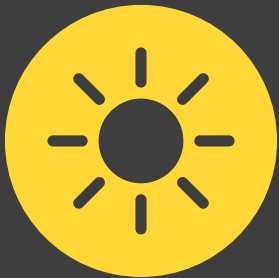
Light color Monochrome
Light intensity Task light
Light source Linear light
Alignment To the side
Position on the cabinet Inside
Installation type Recess mounted
Example LED 3051 with long-life constant current technology

Light in store fixtures.

Value for the presentation of goods.

Light is plannable.

The need to observe only a few planning steps structures and simplifies the planning of lighting in furniture.



Illuminating.

At the start of the development process, determine the lighting purposes of the furniture (multiple choices possible)

- > **Task light for pleasant and safe working**
- > **Ambient light for highlighting or staging**
- > **Accent light for storage spaces or paths**

Also take into account the overall brightness of the room and the finishes to be illuminated: Sufficiently bright ceiling lighting or sunlight makes the orientation light unnecessary during the day, but at night it may be very pleasant if the ceiling lighting does not need to be used and a few furniture pieces provide some orientation light.

For confidence in the planning process, test lighting and finishes or use bright lighting with dimmers to achieve a balance of incident light and reflection.

The form factor of a light (linear, point) and the number used affects the planarity of the illumination. Light color, installation type, position on the cabinet, and alignment are further criteria to select the perfect light.



Extending.

Häfele Loox5 drivers supply not only lights, but also charging stations (inductive and USB), audio systems, as well as electrically operated flap fittings, sliding doors, or TV lifts. Take advantage of the potential of Häfele Loox5. Create furniture that can do more than simply look good.

The chapter structure of the Loox brochure simplifies the ordering process by using this simple planning process.

Take advantage of the potential of Häfele Loox5 and create furniture that can do more than simply look good.



Switching.

Plan switch requirements and switch positions. Simple mechanical switches or convenient sensors and dimmers can be grouped together by means of multi-driver or multi-switch boxes to conveniently operate lights from a single location or from different locations.



Networking.

The Häfele Connect Mesh 6-way distributor is the central element for controlling monochrome lights, multi-white lights, or RGB lights individually or jointly. 6-way distributors can be networked. They can be controlled by remote control, wall-mounted push button, or app.



Distributing.

Plan the concealed cable routing and provide holes, grooves, or panels. An extensive range of extension leads and distributors facilitates suitable cabling of your project.

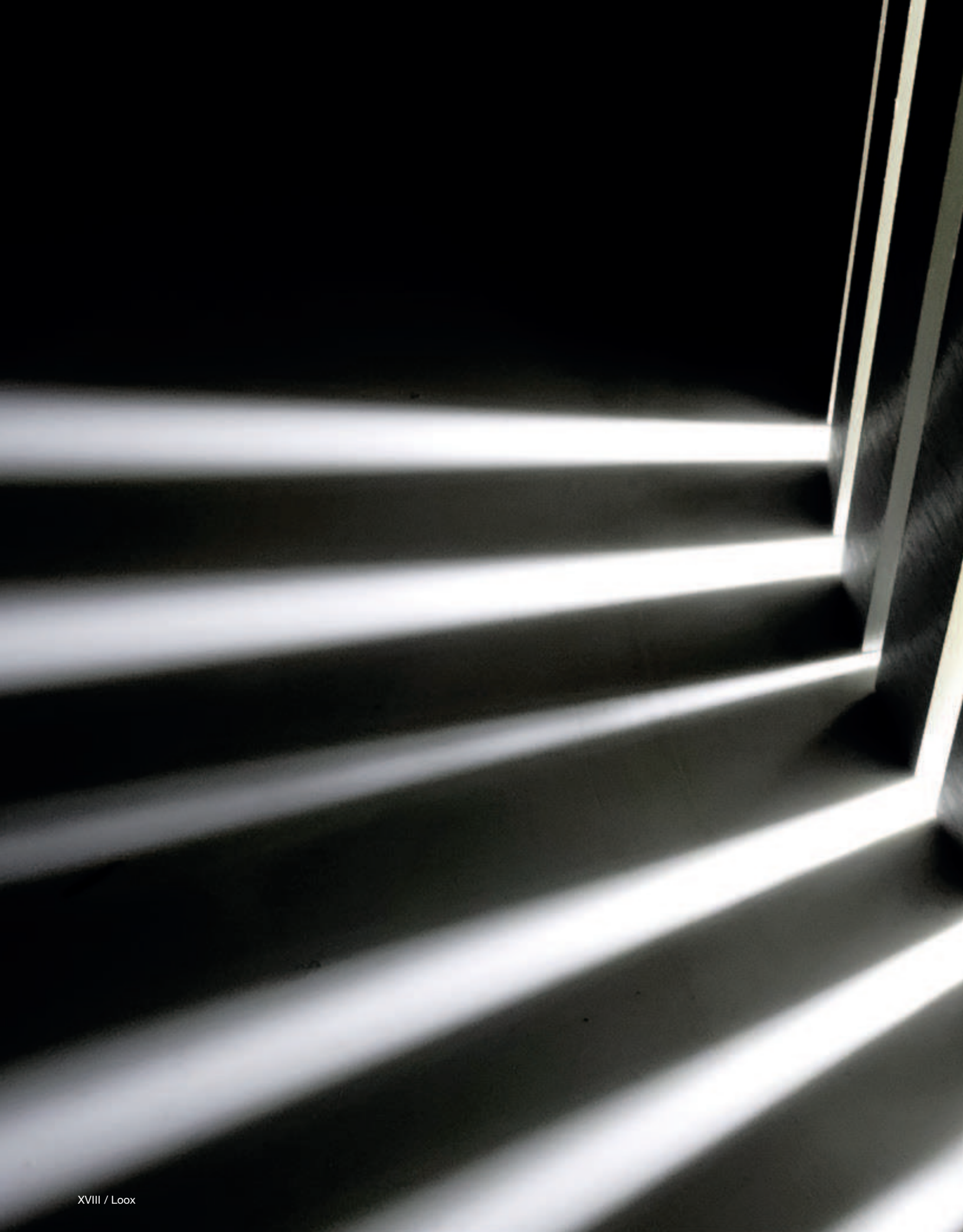


Supplying.

Add up the wattage of all lights and other devices.

If necessary, take into account possible later expansions and select a driver of the appropriate performance class. Lights of the same voltage type or current may be connected to a common driver. Converters are also available and are necessary if lights with different voltage types and currents will share a driver.

Choose a distributor for your current needs (with or without switching function or with Häfele Connect Mesh). The distributor can be easily replaced at a later time. Therefore, make sure the drivers are accessible in the furniture.





LOX5

Linear light



Task light: Illuminate work spaces with > 500 lx at a distance of 500 mm (19 11/16")

| | | | | | | Illuminance max. at a distance of 500 mm (19 11/16") lx |
|----------|------|------------------|--------------|----------|------|---|
| LED 3052 | 24 V | Constant current | 8 mm (5/16") | 19.2 W/m | 1840 | > Page 12 |
| LED 3051 | 24 V | Constant current | 8 mm (5/16") | 14.4 W/m | 1400 | > Page 12 |
| LED 3048 | 24 V | | 8 mm (5/16") | 14.4 W/m | 1320 | > Page 10 |
| LED 3050 | 24 V | Constant current | 8 mm (5/16") | 9.6 W/m | 1010 | > Page 12 |
| LED 2068 | 12 V | | 8 mm (5/16") | 9.6 W/m | 955 | > Page 10 |
| LED 3045 | 24 V | | 8 mm (5/16") | 9.6 W/m | 955 | > Page 10 |
| LED 2061 | 12 V | | 5 mm (3/16") | 9.6 W/m | 860 | > Page 8 |
| LED 3041 | 24 V | | 5 mm (3/16") | 9.6 W/m | 860 | > Page 8 |
| LED 3046 | 24 V | Silicone | 8 mm (5/16") | 9.6 W/m | 860 | > Page 14 |
| LED 2077 | 12 V | Constant current | 8 mm (5/16") | 9.6 W/m | 830 | > Page 12 |



Ambient light: 150–500 lx at a distance of 500 mm (19 11/16")

| | | | | | | Illuminance max. at a distance of 500 mm (19 11/16") lx |
|----------|------|----------|--------------|---------|-----|---|
| LED 2062 | 12 V | | 8 mm (5/16") | 4.8 W/m | 470 | > Page 10 |
| LED 2065 | 12 V | | 8 mm (5/16") | 4.8 W/m | 470 | > Page 10 |
| LED 3042 | 24 V | | 8 mm (5/16") | 4.8 W/m | 470 | > Page 10 |
| LED 2060 | 12 V | | 5 mm (3/16") | 4.8 W/m | 430 | > Page 8 |
| LED 3040 | 24 V | | 5 mm (3/16") | 4.8 W/m | 430 | > Page 8 |
| LED 2063 | 12 V | Silicone | 8 mm (5/16") | 4.8 W/m | 425 | > Page 14 |
| LED 3043 | 24 V | Silicone | 8 mm (5/16") | 4.8 W/m | 425 | > Page 14 |



Multi-white lights

| | | | | | | Illuminance max. at a distance of 500 mm (19 11/16") lx |
|----------|------|----------|--------------|----------|------|---|
| LED 3049 | 24 V | | 8 mm (5/16") | 14.4 W/m | 1200 | > Page 16 |
| LED 2070 | 12 V | | 8 mm (5/16") | 9.6 W/m | 865 | > Page 16 |
| LED 3047 | 24 V | | 8 mm (5/16") | 9.6 W/m | 865 | > Page 16 |
| LED 3061 | 24 V | Silicone | 8 mm (5/16") | 9.6 W/m | 865 | > Page 16 |
| LED 2064 | 12 V | | 8 mm (5/16") | 4.8 W/m | 445 | > Page 16 |
| LED 3044 | 24 V | | 8 mm (5/16") | 4.8 W/m | 445 | > Page 16 |
| LED 3060 | 24 V | Silicone | 8 mm (5/16") | 4.8 W/m | 445 | > Page 16 |



RGB lights

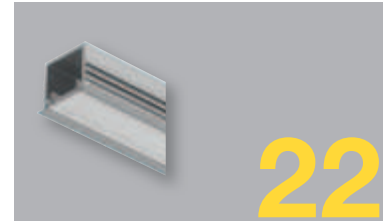
| | | | | | | |
|----------|------|--|--------------|---------|--|-----------|
| LED 2080 | 12 V | | 10 mm (3/8") | 9.6 W/m | | > Page 18 |
| LED 3080 | 24 V | | 10 mm (3/8") | 9.6 W/m | | > Page 18 |
| LED 2042 | 12 V | | 8 mm (5/16") | 9.6 W/m | | > Page 20 |





Aluminum profiles for recess mounting

| Model | Internal dimension | | |
|-------|--------------------|---|-----------|
| 1104 | 8 mm (5/16") | For strip lights up to a width of 5 mm (3/16") | > Page 22 |
| 1103 | 11 mm (7/16") | | > Page 22 |
| 1105 | 11 mm (7/16") | Asymmetrical light distribution | > Page 23 |
| | 16 mm (5/8") | | > Page 24 |
| 1107 | 8 mm (5/16") | Asymmetrical light distribution, for strip lights up to a width of 5 mm (3/16") | > Page 25 |
| 1106 | 11 mm (7/16") | Asymmetrical light distribution | > Page 25 |



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Aluminum profiles for surface mounting

| | | | |
|------------|-----------------|--|-----------|
| 2101, 2102 | 11 mm (7/16") | | > Page 26 |
| 2103 | 11 mm (7/16") | With concealed fixing | > Page 28 |
| 2104 | 11 mm (7/16") | With concealed fixing, asymmetrical light distribution | > Page 28 |
| | 16 mm (5/8") | | > Page 30 |
| | | Glass edge profile | > Page 31 |
| | 14 mm (9/16") | Corner mounting | > Page 31 |
| | 14 mm (9/16") | Drawer profile | > Page 32 |
| | 8 mm (5/16") | Designer profile | > Page 33 |
| | 12 mm (1/2") | | |
| | 12.5 mm (1/2") | With flat lens | > Page 36 |
| | 14.5 mm (9/16") | | |
| | 1.3 mm (3/8") | | |



26

Aluminum wardrobe tubes

| | | |
|---------------|---------------------------------|-----------|
| 15 mm (9/16") | Asymmetrical light distribution | > Page 34 |
|---------------|---------------------------------|-----------|



34

Covers and lenses

| | |
|-----------------|---------------|
| Lenses | > Page 35 |
| Mounting strips | > Pages 37-38 |



35

Aluminum cooling strip

| | |
|--------------|-----------|
| 10 mm (3/8") | > Page 35 |
|--------------|-----------|



35

Plastic profiles for recess mounting

| | | |
|------|--------------|-----------|
| 1102 | 5 mm (3/16") | > Page 39 |
| 1101 | 8 mm (5/16") | > Page 39 |



39

Diffusers

| | |
|--|-----------|
| For profiles for recess mounting 1103-1107 | > Page 40 |
| For profiles for recess mounting 2101-2104 | |
| For Loox profiles with 16 mm (5/8") internal dimension | > Page 40 |







40

Point light



Task light















Illuminate work spaces with > 500 lx at a distance of 500 mm (19 11/16")

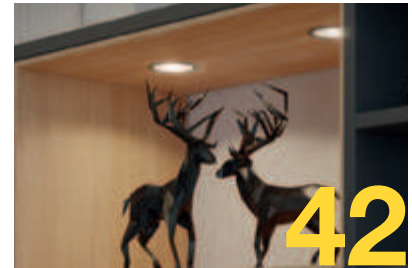
| | | | | | | |
|---|----------|------|------------------------------------|---------------------------------------|-------|-----------|
|  | LED 2032 | 12 V | Surface mounted | 300 x 180 mm (11 13/16" x 7 1/16") | 3 W | > Page 41 |
|  | LED 2025 | 12 V | Recess mounted/ surface mounted | Drill hole Ø 58 mm (2 5/16") | 3.8 W | > Page 42 |
|  | LED 3023 | 24 V | Surface mounted | Ø 180 mm (7 1/16") | 4.8 W | > Page 69 |
|  | LED 3025 | 24 V | Surface mounted | 205 x 205 mm (8 1/16" x 8 1/16") | 5.8 W | > Page 70 |






Ambient light

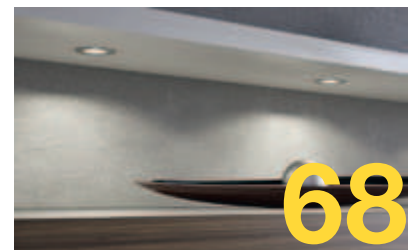
Stage furnishings with 150–500 lx at a distance of 500 mm (19 11/16")

| | | | | | | |
|---|----------|------|------------------------------------|------------------------------------|-------|-----------|
|  | LED 2092 | 12 V | Recess mounted/ surface mounted | Drill hole Ø 58 mm (2 5/16") | 3.4 W | > Page 42 |
|  | LED 3092 | 24 V | | | | |
|  | LED 2040 | 12 V | Recess mounted/ surface mounted | Drill hole Ø 35 mm (1 3/8") | 3.4 W | > Page 46 |
|  | LED 2090 | 12 V | Recess mounted/ surface mounted | Drill hole Ø 26 mm (1") | 1.2 W | > Page 48 |
|  | LED 3090 | 24 V | | | | |
|  | LED 2047 | 12 V | Recess mounted/ surface mounted | Drill hole Ø 55 mm (2 3/16") | 3.0 W | > Page 50 |
|  | LED 3038 | 24 V | | | | |
|  | LED 2020 | 12 V | Recess mounted/ surface mounted | Drill hole Ø 55 mm (2 3/16") | 3.2 W | > Page 54 |
|  | LED 2022 | 12 V | Recess mounted/ surface mounted | Drill hole Ø 26 mm (1") | 1.5 W | > Page 56 |
|  | LED 2023 | 12 V | Recess mounted/ surface mounted | Drill hole Ø 26 mm (1") | 1.5 W | > Page 58 |
|  | LED 2039 | 12 V | Recess mounted | Ø 58 mm (2 5/16") | 2.5 W | > Page 60 |
|  | LED 2050 | 12 V | Surface mounted | Ø 65 mm (2 9/16") | 2.5 W | > Page 62 |
|  | LED 2051 | 12 V | Surface mounted | 65 x 65 mm (2 9/16" x 2 9/16") | 2.5 W | > Page 63 |
|  | LED 2027 | 12 V | Recess mounted | Drill hole Ø 65 mm (2 9/16") | 2.6 W | > Page 64 |



Ambient light




| | | | | | | |
|---|----------|------|------------------------------------|-----------------------------------|-------|-----------|
|  | LED 3010 | 24 V | Recess mounted/ surface mounted | Drill hole Ø 60 mm (2 3/8") | 3.3 W | > Page 68 |
|  | LED 3035 | 24 V | Surface mounted | Ø 65 mm (2 9/16") | 2.5 W | > Page 71 |
|  | LED 3036 | 24 V | Surface mounted | 65 x 65 mm (2 9/16" x 2 9/16") | 2.5 W | > Page 72 |





Accent light

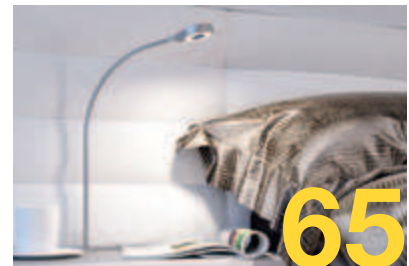
Illuminate non-hazardous traffic areas and corridors or storage spaces with <150 lx at a distance of 500 mm (19 11/16")

| | | | | | | |
|---|----------|------------------------|-----------------|-----------------------------------|-------|-----------|
|  | LED 2028 | 12 V | Recess mounted | Drill hole Ø 54 mm (2 1/8") | 0.3 W | > Page 61 |
| Multi-functional mirror | | DC 12 V | | | | > Page 79 |
|  | LED 9004 | Battery-operated light | Surface mounted | 120 x 65 mm (4 3/4" x 2 9/16") | 0.8 W | > Page 80 |
|  | LED 9005 | Battery-operated light | Drawer light | | 0.6 W | > Page 81 |







Flexible surface mounted lights

| | | | | | | |
|---|----------|------|--|-------------------------------|-------|-----------|
|  | LED 2034 | 12 V | Surface mounted, with charging station | | 1.5 W | > Page 65 |
|  | LED 2018 | 12 V | Surface mounted | | 2.0 W | > Page 66 |
|  | LED 3018 | 24 V | Surface mounted | | 2.8 W | > Page 67 |
|  | LED 2037 | | Wardrobe tube kit | | | > Page 74 |
|  | LED 2029 | | Light bar | | | > Page 75 |
|  | LED 2029 | | Light bar | | | > Page 76 |
|  | LED 2037 | | Drawer light | | | > Page 77 |
|  | LED 2037 | | Drawer light | 18 x 12.5 mm (3/4" x 1/2") | | > Page 78 |





Multi-white lights

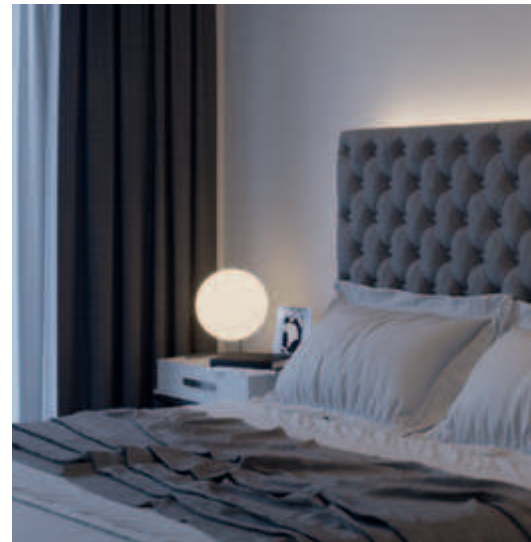
| | | | | | | |
|---|----------|------|------------------------------------|------------------------------------|-------|-----------|
|  | LED 2091 | 12 V | Recess mounted/ surface mounted | Drill hole Ø 58 mm (2 5/16") | 3.4 W | > Page 44 |
|  | LED 3091 | 24 V | | | | |
|  | LED 2048 | 12 V | Recess mounted/ surface mounted | Drill hole Ø 26 mm (1") | 3.0 W | > Page 52 |
|  | LED 3039 | 24 V | | | | |



RGB lights

| | | | | | | |
|---|----------|------|-----------------|-----------------------------------|-------|-----------|
|  | LED 2081 | 12 V | Surface mounted | 65 x 65 mm (2 9/16" x 2 9/16") | 0.7 W | > Page 73 |
|  | LED 3081 | 24 V | | | | |







Linear light

For universal use in furniture.

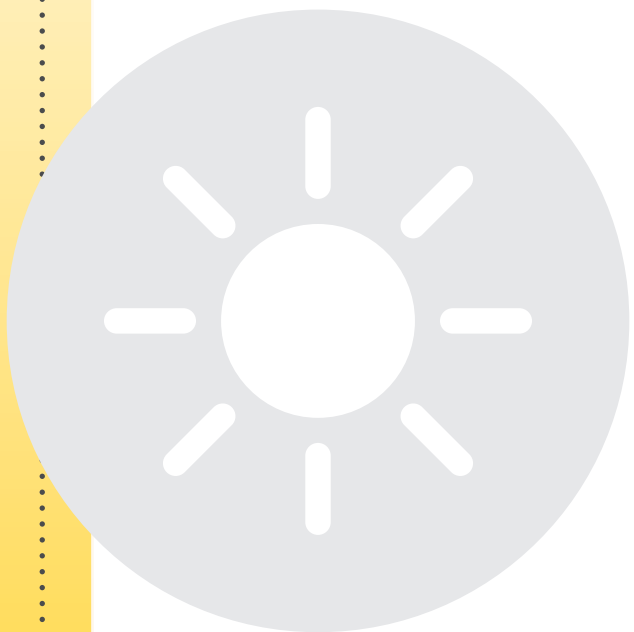


Good reasons.

- > Continuous light line with diffused glow
- > Minimalistic design
- > Virtually invisible, glare-free light source
- > Easy installation

For every situation.

- > Radiant task light for work spaces
- > Discreet ambient light for relaxed living spaces
- > Splash-proof silicone strip lights for bathroom applications
- > Plastic profiles for vertical illumination in storage spaces
- > Aluminum profiles in designer finishes for top-of-the-line design demands



L⁵X5

LED strip lights

Monochrome, 5 mm (3/16")



Häfele Loox5 LED 2060/2061/3040/3041



LED 2060/2061



LED 3040/3041

EXTRA
NARROW
5 mm
(3/16")

Equipped with high-quality Samsung® LEDs

- > Dimmable: Yes
- > Material: Plastic
- > Color: White
- > Width: 5 mm (3/16")
- > Height: 1.3 mm (1/16")
- > Life time L80/B10: >50,000 h
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

| 2700 K | 3000 K | 4000 K | 5000 K | 120° | |
|--------|--------|---------|---------|------|--------------------|
| 940 lx | 970 lx | 1000 lx | 1030 lx | | 250 mm (9 13/16") |
| 400 lx | 420 lx | 430 lx | 430 lx | | 500 mm (19 11/16") |
| 220 lx | 235 lx | 240 lx | 240 lx | | 750 mm (29 1/2") |
| 135 lx | 145 lx | 145 lx | 145 lx | | 1000 mm (39 3/8") |

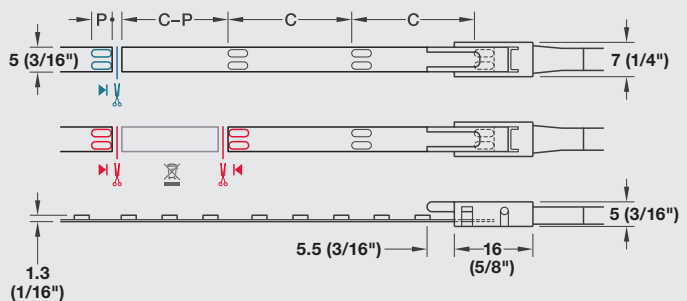
LED 2060/3040

| 2700 K | 3000 K | 4000 K | 5000 K | 120° | |
|---------|---------|---------|---------|------|--------------------|
| 1860 lx | 1960 lx | 2000 lx | 2060 lx | | 250 mm (9 13/16") |
| 790 lx | 850 lx | 860 lx | 860 lx | | 500 mm (19 11/16") |
| 440 lx | 470 lx | 480 lx | 480 lx | | 750 mm (29 1/2") |
| 270 lx | 290 lx | 290 lx | 290 lx | | 1000 mm (39 3/8") |

LED 2061/3041

Order reference:
Please order lead separately, see page 9.

Aluminum profile recommended from 9.6 W/m,
see pages 22–36.



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 122

5 24V Loox5 24 V driver see page 123

Note
Loox lights and drivers are "Suitable for use within closet storage spaces"

LED strip lights

Monochrome, 5 mm (3/16")

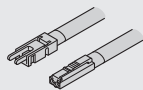


Häfele Loox5 LED 2060 / 2061 / 3040 / 3041

| Voltage V | Quantity LEDs/m | Color temperature K | Wattage W/m | Luminous flux lm/m | Luminous efficacy lm/W | Color rendering index CRI | | Weighted energy consumpt. kWh/1000 h | Section length C | Length of contact surface P | Max. strip length (visual) | Available length | |
|------------------|--------------------|------------------------|----------------|-----------------------|---------------------------|---------------------------|----------------|---|------------------|-----------------------------|----------------------------|-------------------|-------------------|
| | | | | | | R _a | R ₉ | | | | | 5 m (196 7/8") | 15 m (590 9/16") |
| 5 ^{12V} | LED 2060 | | * | * | | | | | | | | | |
| | 120 | 2700 | 4.8 | 440 | 92 | >90 | >50 | 5.28 | 25 (1") | 3 (1/8") | 4.0 (157 1/2") | 833.74.320 | 833.74.324 |
| | | 3000 | 4.8 | 460 | 96 | >90 | >50 | 5.28 | 25 (1") | 3 (1/8") | 4.0 (157 1/2") | 833.74.321 | 833.74.325 |
| | | 4000 | 4.8 | 480 | 100 | >90 | >50 | 5.28 | 25 (1") | 3 (1/8") | 4.0 (157 1/2") | 833.74.322 | 833.74.326 |
| | | 5000 | 4.8 | 495 | 103 | >90 | >50 | 5.28 | 25 (1") | 3 (1/8") | 4.0 (157 1/2") | 833.74.323 | 833.74.327 |
| | LED 2061 | | | | | | | | | | | | |
| | 120 | 2700 | 9.6 | 870 | 91 | >90 | >50 | 10.56 | 25 (1") | 3 (1/8") | 3.0 (118 1/8") | 833.74.328 | 833.74.332 |
| | | 3000 | 9.6 | 830 | 97 | >90 | >50 | 10.56 | 25 (1") | 3 (1/8") | 3.0 (118 1/8") | 833.74.329 | 833.74.333 |
| | | 4000 | 9.6 | 955 | 99 | >90 | >50 | 10.56 | 25 (1") | 3 (1/8") | 3.0 (118 1/8") | 833.74.330 | 833.74.334 |
| | | 5000 | 9.6 | 990 | 103 | >90 | >50 | 10.56 | 25 (1") | 3 (1/8") | 3.0 (118 1/8") | 833.74.331 | 833.74.335 |
| | 5 ^{24V} | LED 3040 | | | | | | | | | | | |
| | | 120 | 2700 | 4.8 | 440 | 92 | >90 | >50 | 5.28 | 50 (2") | 3 (1/8") | 8.0 (314 15/16") | 833.76.300 |
| 3000 | | | 4.8 | 460 | 96 | >90 | >50 | 5.28 | 50 (2") | 3 (1/8") | 8.0 (314 15/16") | 833.76.301 | 833.76.305 |
| 4000 | | | 4.8 | 480 | 100 | >90 | >50 | 5.28 | 50 (2") | 3 (1/8") | 8.0 (314 15/16") | 833.76.302 | 833.76.306 |
| 5000 | | | 4.8 | 495 | 103 | >90 | >50 | 5.28 | 50 (2") | 3 (1/8") | 8.0 (314 15/16") | 833.76.303 | 833.76.307 |
| LED 3041 | | | | | | | | | | | | | |
| 120 | | 2700 | 9.6 | 870 | 91 | >90 | >50 | 10.56 | 50 (2") | 3 (1/8") | 5.5 (216 9/16") | 833.76.308 | 833.76.312 |
| | | 3000 | 9.6 | 930 | 97 | >90 | >50 | 10.56 | 50 (2") | 3 (1/8") | 5.5 (216 9/16") | 833.76.309 | 833.76.313 |
| | | 4000 | 9.6 | 955 | 99 | >90 | >50 | 10.56 | 50 (2") | 3 (1/8") | 5.5 (216 9/16") | 833.76.310 | 833.76.314 |
| | | 5000 | 9.6 | 990 | 103 | >90 | >50 | 10.56 | 50 (2") | 3 (1/8") | 5.5 (216 9/16") | 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 138–139.



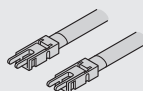
> 3.5 A/20 AWG lead for 5 mm (3/16") LED strip light

| Voltage | Length | Item No. |
|------------------|----------------|-------------------|
| 5 ^{12V} | 100 (4") | 833.93.740 |
| | 2000 (78 3/4") | 833.95.705 |
| 5 ^{24V} | 100 (4") | 833.93.741 |
| | 2000 (78 3/4") | 833.95.711 |



> 3.5 A Clip connector for 5 mm (3/16") LED strip light

| Item No. |
|-------------------|
| 833.89.207 |



> 3.5 A/20 AWG interconnecting lead for 5 mm (3/16") LED strip light

| Length | Item No. |
|-----------------|-------------------|
| 50 (2") | 833.89.194 |
| 500 (19 11/16") | 833.89.195 |
| 2000 (78 3/4") | 833.89.196 |



> 3.5 A Corner connector, 90° rigid, left or right, for 5 mm (3/16") LED strip light

| Item No. |
|-------------------|
| 833.89.190 |

*See page 156 for conversion chart.

LED strip lights

Monochrome, 8 mm (5/16")



Häfele Loox5 LED 2062/2065/2068/3042/3045/3048



LED 2062



LED 2065/2068



LED 3042/3045/3048

Equipped with high-quality Samsung® LEDs

- > Dimmable: Yes
- > Material: Plastic
- > Color: White
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Life time L80/B10: >50,000 h
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

| 2700 K | 3000 K | 4000 K | 5000 K | 120° | |
|---------|---------|---------|---------|------|--------------------|
| 1050 lx | 1090 lx | 1120 lx | 1130 lx | | 250 mm (9 13/16") |
| 435 lx | 455 lx | 460 lx | 470 lx | | 500 mm (19 11/16") |
| 240 lx | 245 lx | 260 lx | 260 lx | | 750 mm (29 1/2") |
| 145 lx | 150 lx | 155 lx | 160 lx | | 1000 mm (39 3/8") |

LED 2062/2065/3042

| 2700 K | 3000 K | 4000 K | 5000 K | 120° | |
|---------|---------|---------|---------|------|--------------------|
| 2145 lx | 2250 lx | 2300 lx | 2300 lx | | 250 mm (9 13/16") |
| 900 lx | 940 lx | 950 lx | 955 lx | | 500 mm (19 11/16") |
| 480 lx | 505 lx | 510 lx | 515 lx | | 750 mm (29 1/2") |
| 300 lx | 310 lx | 320 lx | 320 lx | | 1000 mm (39 3/8") |

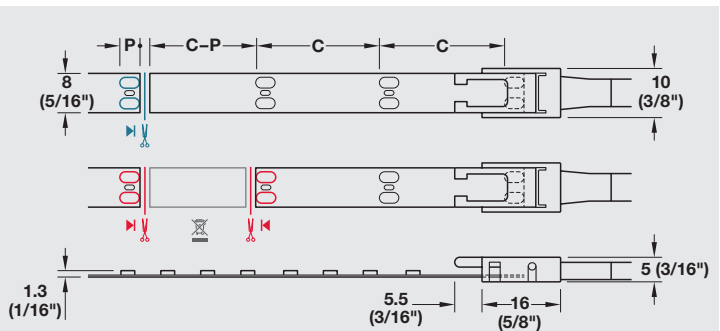
LED 2068/3045

| 2700 K | 3000 K | 4000 K | 5000 K | 120° | |
|---------|---------|---------|---------|------|--------------------|
| 2870 lx | 3000 lx | 3100 lx | 3100 lx | | 250 mm (9 13/16") |
| 1210 lx | 1270 lx | 1310 lx | 1320 lx | | 500 mm (19 11/16") |
| 665 lx | 695 lx | 715 lx | 715 lx | | 750 mm (29 1/2") |
| 415 lx | 430 lx | 445 lx | 450 lx | | 1000 mm (39 3/8") |

LED 3048

! Order reference:
Please order lead separately, see page 11.

➔ Aluminum profile recommended from 9.6 W/m,
see pages 22–36.



- 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 122

5 24V Loox5 24 V driver see page 123

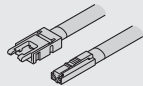
! **Note**
Loox lights and drivers are "Suitable for use within closet storage spaces"

LED strip lights

Monochrome, 8 mm (5/16")

Häfele Loox5 LED 2062 / 2065 / 2068 / 3042 / 3045 / 3048

| Voltage V | Quantity LEDs/m | Color temperature K | Wattage W/m | Luminous flux lm/m | Luminous efficacy lm/W | Color rendering index CRI | | Weighted energy consumpt. kWh/1000 h | Section length C | Length of contact surface P | Max. strip length (visual) | Available length | | |
|------------------------|------------------------|------------------------|----------------|-----------------------|---------------------------|---------------------------|----------------|---|------------------|-----------------------------|----------------------------|-------------------|-------------------|--|
| | | | | | | R _a | R ₉ | | | | | 5 m (196 7/8") | 50 m (1968 1/2") | |
| 5_{12V} | LED 2062 | | | | | | | | | | | | | |
| | 60 | 2700 | 4.8 | 440 | 92 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 6.0 (236 1/4") | 833.74.336 | 833.74.340 | |
| | | 3000 | 4.8 | 465 | 97 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 6.0 (236 1/4") | 833.74.337 | 833.74.341 | |
| | | 4000 | 4.8 | 490 | 102 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 6.0 (236 1/4") | 833.74.338 | 833.74.342 | |
| | | 5000 | 4.8 | 495 | 103 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 6.0 (236 1/4") | 833.74.339 | 833.74.343 | |
| | LED 2065 | | | | | | | | | | | | | |
| | 120 | 2700 | 4.8 | 440 | 92 | >90 | >50 | 5.28 | 25 (1") | 4 (3/16") | 6.0 (236 1/4") | 833.74.354 | 833.74.358 | |
| | | 3000 | 4.8 | 465 | 97 | >90 | >50 | 5.28 | 25 (1") | 4 (3/16") | 6.0 (236 1/4") | 833.74.355 | 833.74.359 | |
| | | 4000 | 4.8 | 490 | 102 | >90 | >50 | 5.28 | 25 (1") | 4 (3/16") | 6.0 (236 1/4") | 833.74.356 | 833.74.360 | |
| | | 5000 | 4.8 | 495 | 103 | >90 | >50 | 5.28 | 25 (1") | 4 (3/16") | 6.0 (236 1/4") | 833.74.357 | 833.74.361 | |
| | LED 2068 | | | | | | | | | | | | | |
| | 120 | 2700 | 9.6 | 920 | 96 | >90 | >50 | 10.56 | 25 (1") | 4 (3/16") | 4.0 (157 1/2") | 833.74.362 | 833.74.366 | |
| | | 3000 | 9.6 | 970 | 101 | >90 | >50 | 10.56 | 25 (1") | 4 (3/16") | 4.0 (157 1/2") | 833.74.363 | 833.74.367 | |
| | | 4000 | 9.6 | 1000 | 104 | >90 | >50 | 10.56 | 25 (1") | 4 (3/16") | 4.0 (157 1/2") | 833.74.364 | 833.74.368 | |
| | | 5000 | 9.6 | 1040 | 108 | >90 | >50 | 10.56 | 25 (1") | 4 (3/16") | 4.0 (157 1/2") | 833.74.365 | 833.74.369 | |
| | 5_{24V} | LED 3042 | | | | | | | | | | | | |
| 120 | | 2700 | 4.8 | 440 | 92 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 12.0 (472 7/16") | 833.76.316 | 833.76.320 | |
| | | 3000 | 4.8 | 465 | 97 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 12.0 (472 7/16") | 833.76.317 | 833.76.321 | |
| | | 4000 | 4.8 | 490 | 102 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 12.0 (472 7/16") | 833.76.318 | 833.76.322 | |
| | | 5000 | 4.8 | 495 | 103 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 12.0 (472 7/16") | 833.76.319 | 833.76.323 | |
| LED 3045 | | | | | | | | | | | | | | |
| 120 | | 2700 | 9.6 | 920 | 96 | >90 | >50 | 10.56 | 50 (2") | 4 (3/16") | 8.0 (314 15/16") | 833.76.334 | 833.76.338 | |
| | | 3000 | 9.6 | 970 | 101 | >90 | >50 | 10.56 | 50 (2") | 4 (3/16") | 8.0 (314 15/16") | 833.76.335 | 833.76.339 | |
| | | 4000 | 9.6 | 1000 | 104 | >90 | >50 | 10.56 | 50 (2") | 4 (3/16") | 8.0 (314 15/16") | 833.76.336 | 833.76.340 | |
| | | 5000 | 9.6 | 1040 | 108 | >90 | >50 | 10.56 | 50 (2") | 4 (3/16") | 8.0 (314 15/16") | 833.76.337 | 833.76.341 | |
| LED 3048 | | | | | | | | | | | | | | |
| 120 | | 2700 | 14.4 | 1270 | 88 | >90 | >50 | 15.84 | 50 (2") | 4 (3/16") | 6.2 (244 1/8") | 833.76.352 | 833.76.356 | |
| | | 3000 | 14.4 | 1305 | 91 | >90 | >50 | 15.84 | 50 (2") | 4 (3/16") | 6.2 (244 1/8") | 833.76.353 | 833.76.357 | |
| | | 4000 | 14.4 | 1340 | 93 | >90 | >50 | 15.84 | 50 (2") | 4 (3/16") | 6.2 (244 1/8") | 833.76.354 | 833.76.358 | |
| | | 5000 | 14.4 | 1430 | 99 | >90 | >50 | 15.84 | 50 (2") | 4 (3/16") | 6.2 (244 1/8") | 833.76.355 | 833.76.359 | |



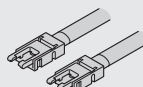
> 5 A/18 AWG lead for 8 mm (5/16") LED strip light

| Voltage | Length | Item No. |
|------------------------|-----------------|-------------------|
| 5_{12V} | 100 (4") | 833.93.736 |
| | 500 (19 11/16") | 833.95.701 |
| | 2000 (78 3/4") | 833.95.700 |
| 5_{24V} | 100 (4") | 833.75.743 |
| | 500 (19 11/16") | 833.95.707 |
| | 2000 (78 3/4") | 833.95.706 |



> 5 A Clip connector for 8 mm (5/16") LED strip light

| Item No. |
|-------------------|
| 833.89.206 |



> 5 A/18 AWG interconnecting lead for 8 mm (5/16") LED strip light

| Length | Item No. |
|-----------------|-------------------|
| 50 (2") | 833.89.191 |
| 500 (19 11/16") | 833.89.192 |
| 2000 (78 3/4") | 833.89.193 |



> 5 A Corner connector, 90° rigid, left or right, for 8 mm (5/16") LED strip light

| Item No. |
|-------------------|
| 833.89.187 |

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

*See page 156 for conversion chart.

LOOX5

LED strip lights

Monochrome, constant current, 8 mm (5/16")



Häfele Loox5 LED 2077/3050/3051/3052



LED 2077



LED 3050/3051/3052

Illuminance value in lx applies to 1 m (39 3/8") strip length:

| 2700 K | 3000 K | 4000 K | 5000 K | 120° | |
|---------|---------|---------|---------|------|--------------------|
| 1775 lx | 1850 lx | 1950 lx | 1950 lx | | 250 mm (9 13/16") |
| 760 lx | 790 lx | 830 lx | 830 lx | | 500 mm (19 11/16") |
| 425 lx | 440 lx | 465 lx | 465 lx | | 750 mm (29 1/2") |
| 265 lx | 270 lx | 285 lx | 285 lx | | 1000 mm (39 3/8") |

LED 2077

| 2700 K | 3000 K | 4000 K | 5000 K | 120° | |
|---------|---------|---------|---------|------|--------------------|
| 2050 lx | 2150 lx | 2205 lx | 2340 lx | | 250 mm (9 13/16") |
| 890 lx | 930 lx | 990 lx | 1010 lx | | 500 mm (19 11/16") |
| 490 lx | 520 lx | 545 lx | 550 lx | | 750 mm (29 1/2") |
| 305 lx | 325 lx | 335 lx | 340 lx | | 1000 mm (39 3/8") |

LED 3050

| 2700 K | 3000 K | 4000 K | 5000 K | 120° | |
|---------|---------|---------|---------|------|--------------------|
| 3150 lx | 3170 lx | 3190 lx | 3200 lx | | 250 mm (9 13/16") |
| 1365 lx | 1385 lx | 1390 lx | 1400 lx | | 500 mm (19 11/16") |
| 760 lx | 770 lx | 770 lx | 770 lx | | 750 mm (29 1/2") |
| 470 lx | 480 lx | 480 lx | 480 lx | | 1000 mm (39 3/8") |

LED 3051

| 2700 K | 3000 K | 4000 K | 5000 K | 120° | |
|---------|---------|---------|---------|------|--------------------|
| 4070 lx | 4160 lx | 4220 lx | 4260 lx | | 250 mm (9 13/16") |
| 1750 lx | 1780 lx | 1800 lx | 1840 lx | | 500 mm (19 11/16") |
| 970 lx | 990 lx | 1000 lx | 1020 lx | | 750 mm (29 1/2") |
| 600 lx | 620 lx | 625 lx | 630 lx | | 1000 mm (39 3/8") |

LED 3052

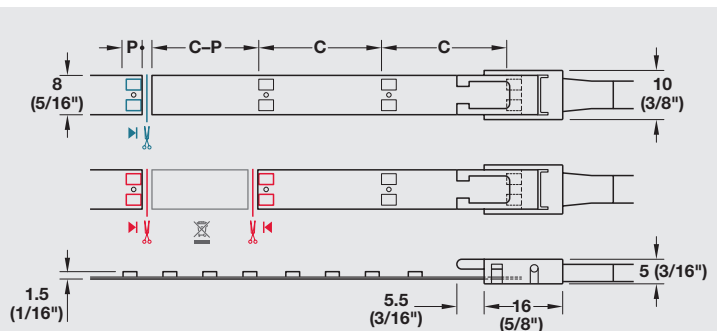
Constant current technology

- > 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
- > Color: White
- > Width: 8 mm (5/16")
- > Height: 1.5 mm (1/16")
- > Life time L80/B10: >70,000 h
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

! Order reference:
Please order lead separately, see page 13.

➔ Aluminum profile recommended from 9.6 W/m, see pages 22–36.



- 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 122

5 24V Loox5 24 V driver see page 123

! **Note**
Loox lights and drivers are "Suitable for use within closet storage spaces"

LED strip lights

Monochrome, constant current, 8 mm (5/16")

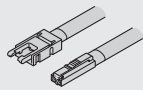


Häfele Loox5 LED 2077 / 3050 / 3051 / 3052

| Voltage V | Quantity LEDs/m | Color temperature K | Wattage W/m | Luminous flux lm/m | Luminous efficacy lm/W | Color rendering index CRI | | Weighted energy consumpt. kWh/1000 h | Section length C | Length of contact surface P | Max. strip length (visual) | Available length | | |
|------------------------|--------------------|------------------------|----------------|-----------------------|---------------------------|---------------------------|----------------|---|------------------|-----------------------------|----------------------------|-------------------|-------------------|--|
| | | | | | | R _a | R ₉ | | | | | 5 m (196 7/8") | 50 m (1968 1/2") | |
| 5^{12V} | LED 2077 | | | | | | | | | | | | | |
| | | | * | * | | | | | | | | | | |
| | 120 | 2700 | 9.6 | 810 | 84 | >90 | >50 | 10.56 | 25 (1") | 4 (3/16") | 6.2 (244 1/8") | 833.74.372 | 833.74.376 | |
| | | 3000 | 9.6 | 860 | 90 | >90 | >50 | 10.56 | 25 (1") | 4 (3/16") | 6.2 (244 1/8") | 833.74.373 | 833.74.377 | |
| | | 4000 | 9.6 | 900 | 94 | >90 | >50 | 10.56 | 25 (1") | 4 (3/16") | 6.2 (244 1/8") | 833.74.374 | 833.74.378 | |
| 5000 | | 9.6 | 905 | 94 | >90 | >50 | 10.56 | 25 (1") | 4 (3/16") | 6.2 (244 1/8") | 833.74.375 | 833.74.379 | | |
| 5^{24V} | LED 3050 | | | | | | | | | | | | | |
| | 140 | 2700 | 9.6 | 945 | 98 | >90 | >50 | 10.56 | 50 (2") | 3 (1/8") | 9.0 (354 5/16") | 833.76.362 | 833.76.366 | |
| | | 3000 | 9.6 | 1030 | 107 | >90 | >50 | 10.56 | 50 (2") | 3 (1/8") | 9.0 (354 5/16") | 833.76.363 | 833.76.367 | |
| | | 4000 | 9.6 | 1060 | 110 | >90 | >50 | 10.56 | 50 (2") | 3 (1/8") | 9.0 (354 5/16") | 833.76.364 | 833.76.368 | |
| | | 5000 | 9.6 | 1080 | 113 | >90 | >50 | 10.56 | 50 (2") | 3 (1/8") | 9.0 (354 5/16") | 833.76.365 | 833.76.369 | |
| | LED 3051 | | | | | | | | | | | | | |
| | 140 | 2700 | 14.4 | 1430 | 99 | >90 | >50 | 15.84 | 50 (2") | 3 (1/8") | 6.2 (244 1/8") | 833.76.370 | 833.76.374 | |
| | | 3000 | 14.4 | 1520 | 106 | >90 | >50 | 15.84 | 50 (2") | 3 (1/8") | 6.2 (244 1/8") | 833.76.371 | 833.76.375 | |
| | | 4000 | 14.4 | 1605 | 111 | >90 | >50 | 15.84 | 50 (2") | 3 (1/8") | 6.2 (244 1/8") | 833.76.372 | 833.76.376 | |
| | | 5000 | 14.4 | 1650 | 115 | >90 | >50 | 15.84 | 50 (2") | 3 (1/8") | 6.2 (244 1/8") | 833.76.373 | 833.76.377 | |
| | LED 3052 | | | | | | | | | | | | | |
| | 140 | 2700 | 19.2 | 1850 | 96 | >90 | >50 | 21.12 | 50 (2") | 3 (1/8") | 4.6 (181 1/8") | 833.76.378 | 833.76.382 | |
| | | 3000 | 19.2 | 2015 | 105 | >90 | >50 | 21.12 | 50 (2") | 3 (1/8") | 4.6 (181 1/8") | 833.76.379 | 833.76.383 | |
| | | 4000 | 19.2 | 2050 | 107 | >90 | >50 | 21.12 | 50 (2") | 3 (1/8") | 4.6 (181 1/8") | 833.76.380 | 833.76.384 | |
| | | 5000 | 19.2 | 2100 | 109 | >90 | >50 | 21.12 | 50 (2") | 3 (1/8") | 4.6 (181 1/8") | 833.76.381 | 833.76.385 | |



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 140–141.



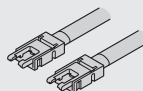
> 5 A/18 AWG lead for 8 mm (5/16") LED strip light

| Voltage | Length | Item No. |
|------------------------|-----------------|-------------------|
| 5^{12V} | 100 (4") | 833.93.736 |
| | 500 (19 11/16") | 833.95.701 |
| | 2000 (78 3/4") | 833.95.700 |
| 5^{24V} | 100 (4") | 833.75.743 |
| | 500 (19 11/16") | 833.95.707 |
| | 2000 (78 3/4") | 833.95.706 |



> 5 A Clip connector for 8 mm (5/16") LED strip light

| | Item No. |
|--|-------------------|
| | 833.89.206 |



> 5 A/18 AWG interconnecting lead for 8 mm (5/16") LED strip light

| Length | Item No. |
|-----------------|-------------------|
| 50 (2") | 833.89.191 |
| 500 (19 11/16") | 833.89.192 |
| 2000 (78 3/4") | 833.89.193 |



> 5 A Corner connector, 90° rigid, left or right, for 8 mm (5/16") LED strip light

| | Item No. |
|--|-------------------|
| | 833.89.187 |

*See page 156 for conversion chart.

LED silicone strip lights

Monochrome, 8 mm (5/16")



Häfele Loox5 LED 2063/3043/3046



LED 2063



LED 3043/3046

Equipped with high-quality Samsung® LEDs

- > Dimmable: Yes
- > Material: Plastic
- > Color: White
- > Width: Strip: 8 mm (5/16")
Silicone sleeve: 10 mm (3/8")
- > Height: Strip: 1.3 mm (1/16")
Silicone sleeve: 4.8 mm (3/16")
- > Life time L80/B10: >50,000 h
- > Energy efficiency class: A+
- > Degree of protection: IP44 / IP20 optional
- > Mounting: Self-adhesive
- > Supplied with: 1 roll

Illuminance value in lx applies to 1 m (39 3/8") strip length:

| 2700 K | 3000 K | 4000 K | 5000 K | 120° | |
|--------|--------|--------|---------|------|--------------------|
| 920 lx | 960 lx | 975 lx | 1010 lx | | 250 mm (9 13/16") |
| 390 lx | 410 lx | 415 lx | 425 lx | | 500 mm (19 11/16") |
| 215 lx | 225 lx | 230 lx | 235 lx | | 750 mm (29 1/2") |
| 135 lx | 140 lx | 145 lx | 145 lx | | 1000 mm (39 3/8") |

LED 2063 /3043

| 2700 K | 3000 K | 4000 K | 5000 K | 120° | |
|---------|---------|---------|---------|------|--------------------|
| 1855 lx | 1895 lx | 1960 lx | 2020 lx | | 250 mm (9 13/16") |
| 790 lx | 805 lx | 840 lx | 860 lx | | 500 mm (19 11/16") |
| 435 lx | 445 lx | 465 lx | 475 lx | | 750 mm (29 1/2") |
| 270 lx | 275 lx | 290 lx | 295 lx | | 1000 mm (39 3/8") |

LED 3046

Note

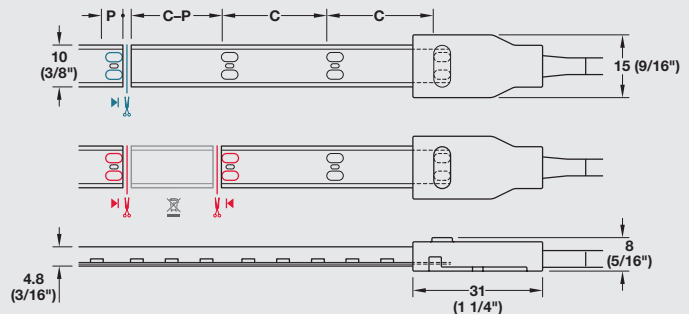
- Loox lights and drivers are "Suitable for use within closet storage spaces"

Minimal color deviations due to silicone sleeve:

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



Order reference:
Please order lead separately, see page 15.



- 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



Note

Dimensions apply to 3060, 3061 on page 17.



5 12V

Loox5 12 V driver see page 122

5 24V

Loox5 24 V driver see page 123

LED silicone strip lights

Monochrome, 8 mm (5/16")



Häfele Loox5 LED 2063 / 3043 / 3046

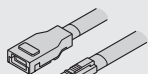
| Voltage V | Quantity LEDs/m | Color temperature K | Wattage W/m | Luminous flux lm/m | Luminous efficacy lm/W | Color rendering index CRI | | Weighted energy consumpt. kWh/1000 h | Section length C | Length of contact surface P | Max. strip length (visual) | Available length | |
|--------------|--------------------|------------------------|----------------|-----------------------|---------------------------|---------------------------|----------------|---|------------------|-----------------------------|----------------------------|-------------------|-------------------|
| | | | | | | R _a | R ₉ | | | | | 5 m (196 7/8") | 15 m (590 9/16") |
| 5 12V | LED 2063 | | * | * | | | | | | | | | |
| | 60 | 2700 | 4.8 | 415 | 86 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 6.0 (236 1/4") | 833.74.344 | 833.74.348 |
| | | 3000 | 4.8 | 440 | 92 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 6.0 (236 1/4") | 833.74.345 | 833.74.349 |
| | | 4000 | 4.8 | 455 | 95 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 6.0 (236 1/4") | 833.74.346 | 833.74.350 |
| | | 5000 | 4.8 | 460 | 96 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 6.0 (236 1/4") | 833.74.347 | 833.74.351 |
| 5 24V | LED 3043 | | | | | | | | | | | | |
| | 120 | 2700 | 4.8 | 415 | 86 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 12.0 (472 7/16") | 833.76.324 | 833.76.328 |
| | | 3000 | 4.8 | 440 | 92 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 12.0 (472 7/16") | 833.76.325 | 833.76.329 |
| | | 4000 | 4.8 | 455 | 95 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 12.0 (472 7/16") | 833.76.326 | 833.76.330 |
| | | 5000 | 4.8 | 460 | 96 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 12.0 (472 7/16") | 833.76.327 | 833.76.331 |
| | LED 3046 | | | | | | | | | | | | |
| | 120 | 2700 | 9.6 | 820 | 85 | >90 | >50 | 10.56 | 50 (2") | 4 (3/16") | 8.0 (314 15/16") | 833.76.342 | 833.76.346 |
| | | 3000 | 9.6 | 870 | 91 | >90 | >50 | 10.56 | 50 (2") | 4 (3/16") | 8.0 (314 15/16") | 833.76.343 | 833.76.347 |
| | | 4000 | 9.6 | 900 | 94 | >90 | >50 | 10.56 | 50 (2") | 4 (3/16") | 8.0 (314 15/16") | 833.76.344 | 833.76.348 |
| | | 5000 | 9.6 | 930 | 97 | >90 | >50 | 10.56 | 50 (2") | 4 (3/16") | 8.0 (314 15/16") | 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 138–141.



Degree of protection IP44



> 5 A/18 AWG lead for 8 mm (5/16") LED silicone strip light

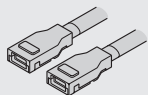
| Voltage | Length | Item No. |
|---------|----------------|-------------------|
| 5 12V | 2000 (78 3/4") | 833.95.703 |
| 5 24V | 2000 (78 3/4") | 833.95.709 |



> End cap set with adhesive for 8 mm (5/16") LED silicone strip light
For sealing the shortened silicone sleeve; achieves degree of protection IP44

| Item No. |
|-------------------|
| 833.89.184 |

Supplied with
5 pcs. with 5 ml adhesive



> 5 A/18 AWG interconnecting lead for 8 mm (5/16") LED silicone strip light

| Length | Item No. |
|-----------------|-------------------|
| 50 (2") | 833.89.203 |
| 500 (19 11/16") | 833.89.204 |
| 2000 (78 3/4") | 833.89.205 |



> Silicone stripping tool

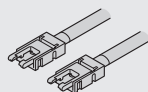
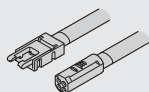
| Item No. |
|-------------------|
| 006.13.485 |

Note
Please order separately



Degree of protection IP20

If necessary, you can realize an IP20 version using leads, interconnecting leads and clip connectors for 8 mm (5/16") monochrome LED strip lights, see accessories page 11.



*See page 156 for conversion chart.

LED strip lights

Multi-white, 8 mm (5/16")



Häfele Loox5 LED 2064/2070/3044/3047/3049 / 3060 / 3061



LED 2064



LED 2070



LED 3044/3047/3049

Illuminance value in lx applies to 1000 mm (39 3/8") strip length:

| 2700 K | 5000 K | 120° | | |
|---------|---------|------|---------|-------------|
| 1025 lx | 1075 lx | | 250 mm | (9 13/16") |
| 425 lx | 445 lx | | 500 mm | (19 11/16") |
| 230 lx | 245 lx | | 750 mm | (29 1/2") |
| 145 lx | 150 lx | | 1000 mm | (39 3/8") |

LED 2064/3044 / 3060 silicone

| 2700 K | 5000 K | 120° | | |
|---------|---------|------|---------|-------------|
| 1865 lx | 2045 lx | | 250 mm | (9 13/16") |
| 785 lx | 865 lx | | 500 mm | (19 11/16") |
| 430 lx | 475 lx | | 750 mm | (29 1/2") |
| 270 lx | 295 lx | | 1000 mm | (39 3/8") |

LED 2070/3047 / 3061 silicone

| 2700 K | 5000 K | 120° | | |
|---------|---------|------|---------|-------------|
| 2780 lx | 2800 lx | | 250 mm | (9 13/16") |
| 1180 lx | 1200 lx | | 500 mm | (19 11/16") |
| 650 lx | 660 lx | | 750 mm | (29 1/2") |
| 405 lx | 415 lx | | 1000 mm | (39 3/8") |

LED 3049

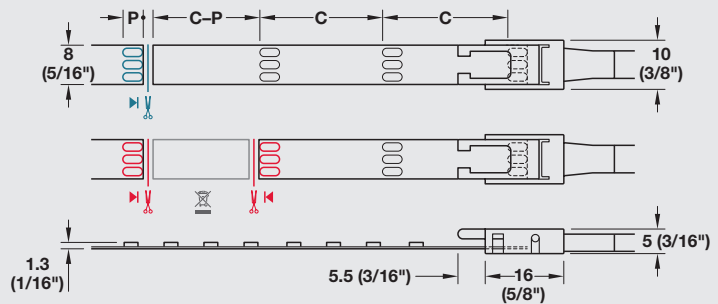
Note
Loox lights and drivers are "Suitable for use within closet storage spaces"

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

| | |
|----------------------------|----------------|
| > Dimmable: | Yes |
| > Material: | Plastic |
| > Color: | White |
| > Width: | 8 mm (5/16") |
| > Height: | 1.3 mm (1/16") |
| > 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 separately, see page 17.

➔ Aluminum profile recommended from 9.6 W/m, see pages 22–36.



- 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

Note
! Refer to page 14 for dimensions and drawing details related to LED 3060 and LED 3061

5 12V Loox5 12 V driver see page 122

5 24V Loox5 24 V driver see page 123

Color control only via 6-way distributor Häfele Connect Mesh with multi-white adapter and remote control or smartphone. Please order separately, see Networking, page 97.

LED strip lights

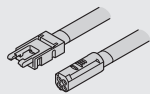
Multi-white, 8 mm (5/16")



Häfele Loox5 LED 2064 / 2070 / 3044 / 3047 / 3049 / 3060 / 3061

| Voltage V | Quantity LEDs/m | Color temperature K | Wattage W/m | Luminous flux lm/m | Luminous efficacy lm/W | Color rendering index CRI | | Weighted energy consumpt. kWh/1000 h | Section length C | Length of contact surface P | Max. strip length (visual) | Available length | | |
|--------------------------|--------------------|------------------------|----------------|-----------------------|---------------------------|---------------------------|----------------|---|------------------|-----------------------------|----------------------------|-------------------|---------------------|---------------------|
| | | | | | | R _a | R ₉ | | | | | 5 m (196 7/8") | 15 m (590 9/16") | 50 m (1968 1/2") |
| 5 ^{12V} | LED 2064 | | * | * | | | | | | | | | | |
| | 2 x 60 | 2700 5000 | 4.8 | 425 465 | 89 97 | >90 | >50 | 5.28 | 50 (2") | 4 (3/16") | 4.5 (177 3/16") | 833.74.352 | - | 833.74.353 |
| | LED 2070 | | | | | | | | | | | | | |
| | 2 x 120 | 2700 5000 | 9.6 | 825 930 | 86 97 | >90 | >50 | 10.56 | 25 (1") | 3.5 (1/8") | 3.5 (137 13/16") | 833.74.370 | - | 833.74.371 |
| 5 ^{24V} | LED 3044 | | | | | | | | | | | | | |
| | 2 x 120 | 2700 5000 | 4.8 | 425 465 | 89 97 | >90 | >50 | 5.28 | 50 (2") | 3.5 (1/8") | 8.5 (334 5/8") | 833.76.332 | - | 833.76.333 |
| | LED 3047 | | | | | | | | | | | | | |
| | 2 x 120 | 2700 5000 | 9.6 | 825 930 | 86 97 | >90 | >50 | 10.56 | 50 (2") | 3.5 (1/8") | 6.5 (255 7/8") | 833.76.350 | - | 833.76.351 |
| LED 3049 | | | | | | | | | | | | | | |
| | 2 x 120 | 2700 5000 | 14.4 | 1230 1370 | 85 95 | >90 | >50 | 15.84 | 50 (2") | 3.5 (1/8") | 5.0 (196 7/8") | 833.76.360 | - | 833.76.361 |
| LED 3060 Silicone | | | | | | | | | | | | | | |
| | 2 x 120 | 2700 5000 | 4.8 | 425 465 | 89 97 | >90 | >50 | 5.28 | 50 (2") | 3.5 (1/8") | 8.5 (334 5/8") | 833.76.387 | 833.76.388 | - |
| LED 3061 Silicone | | | | | | | | | | | | | | |
| | 2 x 120 | 2700 5000 | 9.6 | 825 930 | 86 97 | >90 | >50 | 10.56 | 50 (2") | 3.5 (1/8") | 6.5 (255 7/8") | 833.76.389 | 833.76.390 | - |

! 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 142–143.



> 3.5 A/20 AWG lead, for 8 mm (5/16") multi-white LED strip light

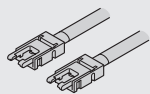
> For Silicone Multi-white strip lights, use 833.95.708 or 833.93.743

| Voltage | Length | Item No. |
|------------------|----------------|-------------------|
| 5 ^{12V} | 100 (4") | 833.93.742 |
| | 2000 (78 3/4") | 833.95.702 |
| 5 ^{24V} | 100 (4") | 833.93.743 |
| | 2000 (78 3/4") | 833.95.708 |



> 3.5 A Clip connector, for 8 mm (5/16") multi-white LED strip light

| Item No. |
|-------------------|
| 833.89.208 |



> 3.5 A/20 AWG interconnecting lead, for 8 mm (5/16") multi-white LED strip light

| Length | Item No. |
|-----------------|-------------------|
| 50 (2") | 833.89.197 |
| 500 (19 11/16") | 833.89.198 |
| 2000 (78 3/4") | 833.89.199 |



> 3.5 A Corner connector, 90° rigid, left or right, for 8 mm (5/16") multi-white LED strip light

| Item No. |
|-------------------|
| 833.89.188 |

*See page 156 for conversion chart.

LED strip lights

RGB, 10 mm (3/8")



Häfele Loox5 LED 2080/3080

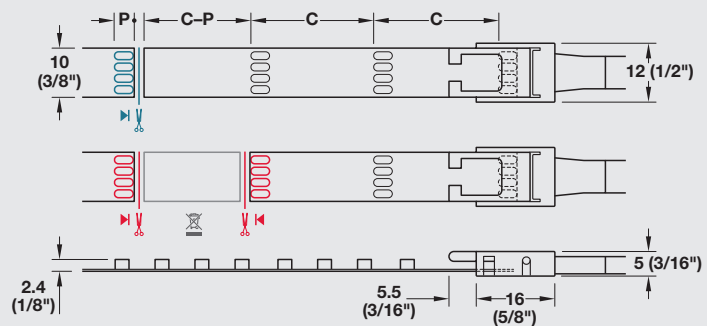


LED 2080/3080

| | |
|----------------------------|---------------|
| > Dimmable: | Yes |
| > Material: | Plastic |
| > Color: | White |
| > Width: | 10 mm (3/8") |
| > Height: | 2.4 mm (1/8") |
| > Energy efficiency class: | A+ |
| > Degree of protection: | IP20 |
| > Mounting: | Self-adhesive |
| > Supplied with: | 1 roll |

! Order reference:
Please order lead separately, see page 19

➔ Aluminum profile recommended from 9.6 W/m, see page 22.



- 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 12 V Loox5 12 V driver see page 122

5 24 V Loox5 24 V driver see page 123

⚙️ Color control only via 6-way distributor Häfele Connect Mesh with RGB adapter and remote control or smartphone. Please order separately, see Networking, page 97.

! **Note**
Loox lights and drivers are "Suitable for use within closet storage spaces"

LED strip lights

RGB, 10 mm (3/8")

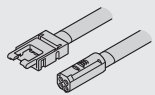


Häfele Loox5 LED 2080 / 3080

| Voltage | Number of LEDs/m | Color temperature | Wattage | Luminous flux | Luminous efficacy | Weighted energy consumpt. | Section length C | Length of contact surface P | Max. strip length (visual) | Delivery length |
|---------|------------------|-------------------|---------|---------------|-------------------|---------------------------|------------------|-----------------------------|----------------------------|-------------------|
| V | LEDs/m | K | W/m | lm/m | lm/W | kWh/1000 h | | | | 5 m (196 7/8") |
| 5 12V | LED 2080 | | * | * | | | | | | |
| | 120 | RGB | 9.6 | 530 | 51 | 10.78 | 25 (1") | 3.8 (1/8") | 3.0 (118 1/8") | 833.74.380 |
| 5 24V | LED 3080 | | | | | | | | | |
| | 120 | RGB | 9.6 | 530 | 51 | 10.78 | 50 (2") | 3.8 (1/8") | 6.5 (255 7/8") | 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 142–143.



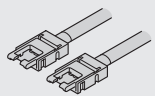
> 3.5 A/20 AWG lead, for 10 mm (3/8") LED RGB strip light

| Voltage | Length | Item No. |
|---------|----------------|-------------------|
| 5 12V | 100 (4") | 833.95.713 |
| | 2000 (78 3/4") | 833.95.704 |
| 5 24V | 100 (4") | 833.75.749 |
| | 2000 (78 3/4") | 833.95.710 |



> 3.5 A Clip connector, for 10 mm (3/8") LED RGB strip light

| Item No. |
|-------------------|
| 833.89.209 |



> 3.5 A/20 AWG interconnecting lead, for 10 mm (3/8") LED RGB strip light

| Length | Item No. |
|-----------------|-------------------|
| 50 (2") | 833.89.200 |
| 500 (19 11/16") | 833.89.201 |
| 2000 (78 3/4") | 833.89.202 |



> 3.5 A Corner connector, 90° rigid, left or right, for 10 mm (3/8") LED RGB strip light

| Item No. |
|-------------------|
| 833.89.189 |

*See page 156 for conversion chart.

LED Strip lights

SINGLE COLOR FLEXIBLE STRIP LIGHT, 8 mm (5/16")



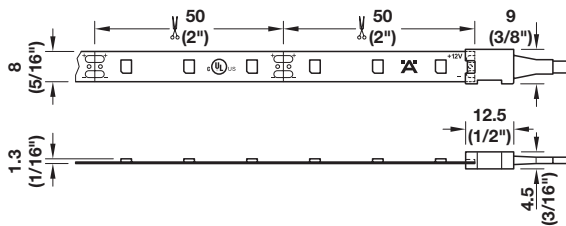
Häfele Loox5 LED 2042



IP20



LED 2042



| blue | purple | orange | | |
|---------|---------|---------|------|--------------------|
| red | green | yellow | | |
| 1700 lx | 1700 lx | 1700 lx | 120° | 250 mm (9 13/16") |
| 525 lx | 525 lx | 525 lx | | 500 mm (19 11/16") |
| 165 lx | 165 lx | 165 lx | | 750 mm (29 1/2") |
| 95 lx | 95 lx | 95 lx | | 1000 mm (39 3/8") |

- > Material: Plastic
- > Color: White
- > Dimmable: Yes
- > Width: 8 mm (5/16")
- > Height: 1.3 mm (1/16")
- > Life time: 20,000 h
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Max. watts/lead: 42 W
- > Mounting: Self-adhesive with aluminum profile or cooling strip

! Order reference
Consider the width of clip connector when choosing an aluminum profile (see drawing).

➔ Aluminum profile recommended from 9.6 W/m, see pages 22–36.

⚡ **5 12V** Loox5 12 V driver see page 122

! **Note**
The values above apply to a strip light length of 0.5 m (19 11/16").
Loox lights and drivers are "Suitable for use within closet storage spaces"

LED Strip Lights

SINGLE COLOR FLEXIBLE STRIP LIGHT, 8 mm (5/16")



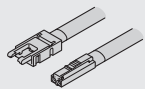
Häfele Loox5 LED 2042

| Voltage | Quantity | Color temperature | Wattage | Weighted energy consumpt. | Section length | Available length | Item No. |
|---------|----------|-------------------|---------|---------------------------|----------------|------------------|------------|
| V | LEDs/m | | W/m | kWh/1000 h | | | |
| 5 12V | 60 | LED 2042 | * | | | | |
| | | blue | 4.8 | 5.28 | 50 (2") | 5 m (196 7/8") | 833.74.190 |
| | | red | 4.8 | 5.28 | 50 (2") | 5 m (196 7/8") | 833.74.191 |
| | | purple | 4.8 | 5.28 | 50 (2") | 5 m (196 7/8") | 833.74.192 |
| | | green | 4.8 | 5.28 | 50 (2") | 5 m (196 7/8") | 833.74.193 |
| | | orange | 4.8 | 5.28 | 50 (2") | 5 m (196 7/8") | 833.74.194 |
| | | yellow | 4.8 | 5.28 | 50 (2") | 5 m (196 7/8") | 833.74.195 |



Note

Loox lights and drivers are "Suitable for use within closet storage spaces"



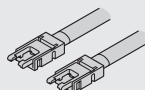
> 5 A/18 AWG lead for 8 mm (5/16") LED strip light

| Voltage | Length | Item No. |
|---------|-----------------|------------|
| 5 12V | 100 (4") | 833.93.736 |
| | 500 (19 11/16") | 833.95.701 |
| | 2000 (78 3/4") | 833.95.700 |



> 5 A Clip connector for 8 mm (5/16") LED strip light

| Item No. |
|------------|
| 833.89.206 |



> 5 A/18 AWG interconnecting lead for 8 mm (5/16") LED strip light

| Length | Item No. |
|-----------------|------------|
| 50 (2") | 833.89.191 |
| 500 (19 11/16") | 833.89.192 |
| 2000 (78 3/4") | 833.89.193 |



> 5 A Corner connector, 90° rigid, left or right, for 8 mm (5/16") LED strip light

| Item No. |
|------------|
| 833.89.187 |

*See page 156 for conversion chart.

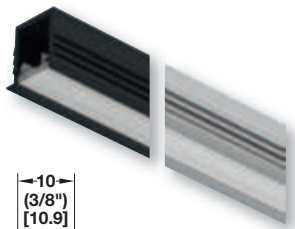
Profiles for recess mounting

Aluminum

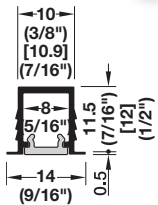
Häfele Loox5 profile 1104/1103



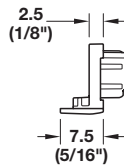
Profile 1104



End caps



[Routing dimensions]



- > Material: Profile: Aluminum
Diffuser: Plastic
- > Finish/Color: Profile: Anodized; Diffuser: White opal, transmittance 70–80 %
- > Length: 2500 mm (98 7/16")
- > Diffuser width: Profile 1104: 8 mm (5/16")
Profile 1103: 11 mm (7/16")
- > Supplied with: 1 profile
1 diffuser

| Finish | 1104 | 1103 |
|----------------|------------|------------|
| Black | 833.94.103 | 833.94.101 |
| Silver colored | 833.94.102 | 833.94.100 |



Note

Profile 1104 usable for LED strip lights up to max. 5 mm (3/16") width.

Routing dimensions are for reference only. Furniture construction may affect dimensions.



End caps for Häfele Loox5 profile 1104/1103

- > Material: Plastic
- > Version: With cable outlet
- > Supplied with: 10 pcs.

| Color | 1104 | 1103 |
|----------------|------------|------------|
| Black | 833.95.769 | 833.95.767 |
| Silver colored | 833.95.768 | 833.95.766 |



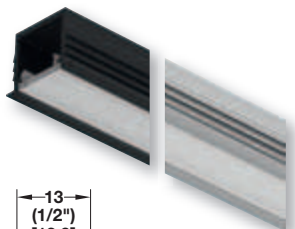
Diffusers

The diffuser creates a uniform light.

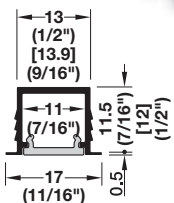
The LED points are invisible from 120 LEDs/m.

If required, please order alternative diffusers in black or transparent separately.

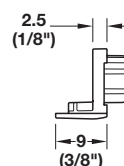
Profile 1103



End caps



[Routing dimensions]



Diffusers see page 40

Profiles for recess mounting

Aluminum

ILLUMINATING



EXTENDING



SWITCHING



NETWORKING



DISTRIBUTING



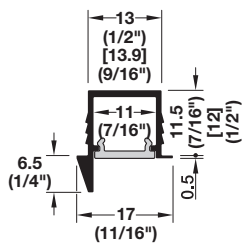
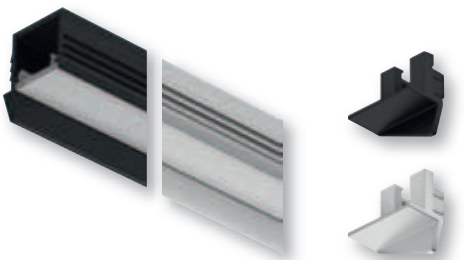
SUPPLYING



Häfele Loox5 profile 1105 - asymmetric light distribution



Profile 1105



[Routing dimensions]

Anti-glare shield

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

- > Material: Profile: Aluminum
Diffuser: Plastic
- > Finish/Color: Profile: Anodized; Diffuser: White opal, transmittance 70–80%
- > Length: 2500 mm (98 7/16")
- > Diffuser width: 11 mm (7/16")
- > Supplied with: 1 profile
1 diffuser

| Finish | Item No. |
|----------------|------------|
| Black | 833.94.105 |
| Silver colored | 833.94.104 |

End caps for Häfele Loox5 profile 1105

- > Material: Plastic
- > Version: With cable outlet
- > Supplied with: 10 pcs.

| Color | Item No. |
|----------------|------------|
| Black | 833.95.771 |
| Silver colored | 833.95.770 |

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

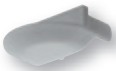
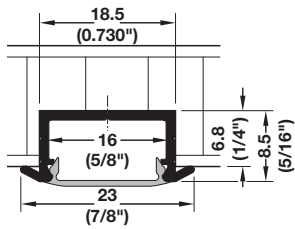
Diffusers see page 40

Note
Routing dimensions are for reference only. Furniture construction may affect dimensions.

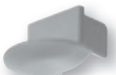
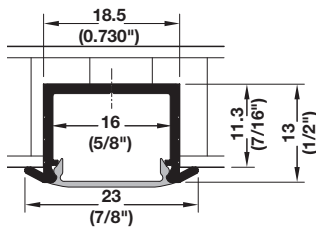
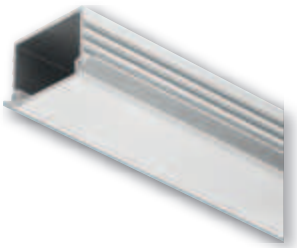
Profiles for recess mounting

Aluminum

Häfele Loox profile - for recess mounting



End cap



End cap

- > Material: Aluminum
- > Finish: Silver colored anodized
- > L x W: 2500 x 18 mm (98 7/16" x 11/16")
- > Height: 8.5 mm (5/16")
- > Supplied with: 1 profile, 1 diffuser

| Cover | Item No. |
|---------|------------|
| Milk | 833.72.864 |
| Frosted | 833.72.865 |

! LED points are always visible when this profile is used

+ End cap with cable outlet for 833.72.864 and 833.72.865

- > Material/Finish: Plastic, silver colored
- > Supplied with: 2 pcs.

| Item No. |
|------------|
| 833.72.855 |

➔ Switch for aluminum profiles 16 mm (5/8") see page 90.
Diffusers see page 40

- > Material: Aluminum
- > Finish: Silver colored anodized
- > L x W: 2500 x 18 mm (98 7/16" x 11/16")
- > Height: 13 mm (1/2")
- > Supplied with: 1 profile, 1 diffuser

| Cover | Item No. |
|---------|------------|
| Milk | 833.72.866 |
| Frosted | 833.72.867 |

+ End cap with cable outlet for 833.72.866 and 833.72.867

- > Material/Finish: Plastic, silver colored
- > Supplied with: 2 pcs.

| Item No. |
|------------|
| 833.72.854 |

➔ Switches for aluminum profiles 16 mm (5/8") see page 90.
Diffusers see page 40

Profiles for recess mounting

Aluminum

ILLUMINATING

EXTENDING

SWITCHING

NETWORKING

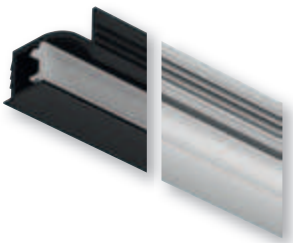
DISTRIBUTING

SUPPLYING

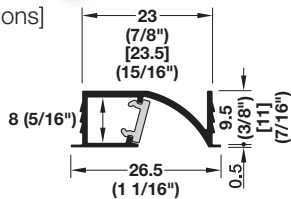
Häfele Loox5 profile 1107/1106 - asymmetric light distribution



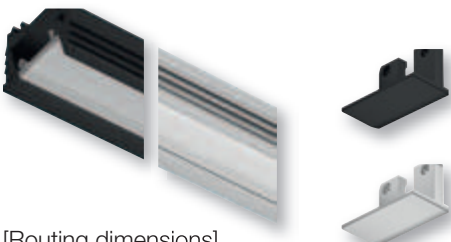
Profile 1107



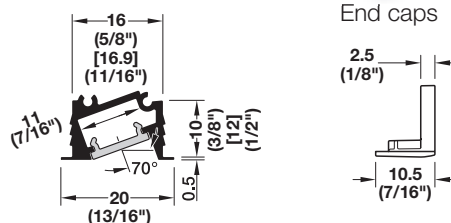
[Routing dimensions]



Profile 1106



[Routing dimensions]



- > Material: Profile: Aluminum
Diffuser: Plastic
- > Finish/Color: Profile: Anodized; Diffuser: White opal, transmittance 70–80%
- > Length: 2500 mm (98 7/16")
- > Diffuser width: Profile 1107: 8 mm (5/16")
Profile 1106: 11 mm (7/16")
- > Supplied with: 1 profile, 1 diffuser

| Finish | Profile 1107 | Profile 1106 |
|----------------|--------------|--------------|
| Black | 833.94.109 | 833.94.107 |
| Silver colored | 833.94.108 | 833.94.106 |

- ! Profile 1106 usable for LED strip lights up to max. 5 mm (3/16") width with clip.
Profile 1107 usable for LED strip lights up to max. 5 mm (3/16") width.
Glare-free light, ideal for vertical installation in wardrobes.

End caps for Häfele Loox5 profile 1106

- > Material: Plastic
- > Version: With cable outlet
- > Mounting: For screw fixing
- > Supplied with: 10 pcs. with screws

| Color | Item No. |
|----------------|------------|
| Black | 833.95.773 |
| Silver colored | 833.95.772 |

- ! **Diffusers**
The diffuser creates a uniform light.
If required, please order alternative diffusers in black (for 1107 only) or transparent separately.

- ➔ Diffusers see page 40

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

! **Note**
Routing dimensions are for reference only. Furniture construction may affect dimensions.

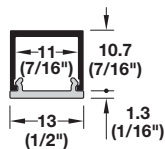
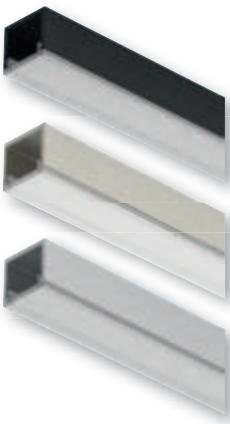
Profiles for surface mounting

Aluminum

Häfele Loox5 profile 2101 / 2102



Profile 2101

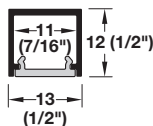
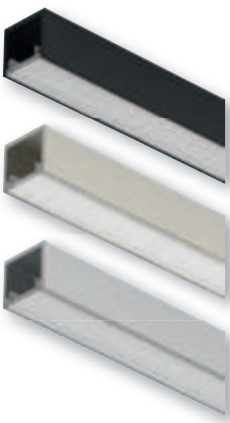


Surface mounted
diffuser

- > Material: Profile: Aluminum
Diffuser: Plastic
- > Finish/Color: Profile: Anodized; Diffuser: White opal, transmittance 70–80%
- > Length: 2500 mm (98 7/16")
- > Diffuser width: Profile 2101: 13 mm (1/2")
Profile 2102: 11 mm (7/16")
- > Supplied with: 1 profile
1 diffuser

| Finish | 2101 | 2102 |
|---------------------------------|------------|------------|
| Black | 833.94.111 | 833.94.114 |
| Brushed stainless steel colored | 833.94.112 | 833.94.115 |
| Silver colored | 833.94.110 | 833.94.113 |

Profile 2102



Flush recess mounted
diffuser

- ! **Diffusers**
The diffuser creates a uniform light.
The LED points are invisible from 120 LEDs/m.
If required, please order alternative diffusers in black or transparent (only for 2102) separately.

➔ Diffusers see page 40

Profiles for surface mounting

Aluminum

ILLUMINATING



EXTENDING



SWITCHING



NETWORKING



DISTRIBUTING



SUPPLYING

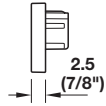


Häfele Loox5 profile 2101/2102

Profile 2101



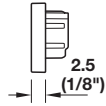
End caps



Profile 2102



End caps

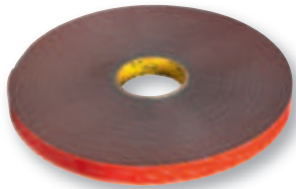


End caps for Häfele Loox5 profile 2101/2102

- > Material: Plastic
- > Version: With drill mark for cable outlet
- > Supplied with: 10 pcs.

| Color | End cap 2101 | End cap 2102 |
|---------------------------------|--------------|--------------|
| Black | 833.95.775 | 833.95.778 |
| Brushed stainless steel colored | 833.95.776 | 833.95.779 |
| Silver colored | 833.95.774 | 833.95.777 |

Adhesive tape - for Profile 2101/2102



- > Area of application: For fixing aluminum on wood, metal, or plastic
- > Version: Double-sided, high instant adhesion, high temperature resistance
- > Length: 33 m (108' 3 3/16")
- > Width: 10 mm (3/8")
- > Thickness: 0.6 mm (1/32")

| Item No. |
|------------|
| 833.89.266 |



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

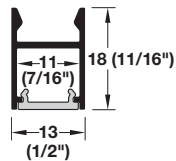
Profiles for surface mounting

Aluminum

Häfele Loox5 profile 2103/2104 - with concealed fixing



Profile 2103



- > Material: Profile: Aluminum
Diffuser: Plastic
- > Finish/Color: Profile: Anodized; Diffuser: White opal, transmittance 70–80 %
- > Length: 2500 mm (98 7/16")
- > Diffuser width: 11 mm (7/16")
- > Supplied with: 1 profile
1 diffuser

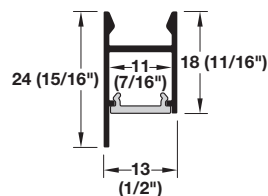
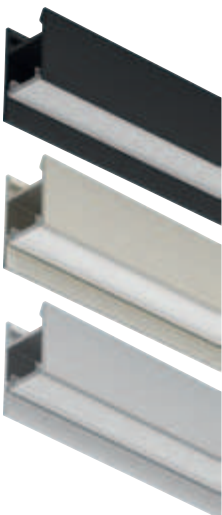
| Finish | 2103 | 2104 |
|---------------------------------|------------|------------|
| Black | 833.94.117 | 833.94.120 |
| Brushed stainless steel colored | 833.94.118 | 833.94.121 |
| Silver colored | 833.94.116 | 833.94.119 |

- ! **Order reference**
Please order (required) mounting bracket separately, see page 29.

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

- ➔ Diffusers see page 40

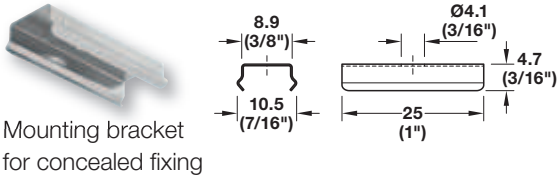
Profile 2104, with asymmetric light distribution



Profiles for surface mounting

Aluminum

Häfele Loox5 profile 2103/2104 - with concealed fixing



Mounting bracket for concealed fixing

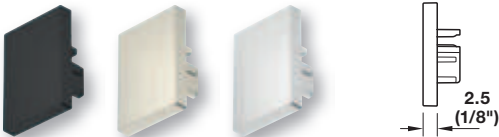


Mounting bracket

- > Material: Stainless Steel
- > Mounting: For screw fixing
- > Supplied with: 10 pcs.

| | Item No. |
|--|------------|
| | 833.95.761 |

Profile 2103



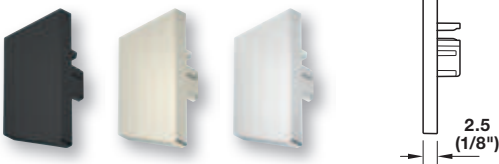
End caps

End caps for Häfele Loox5 profile 2103/2104

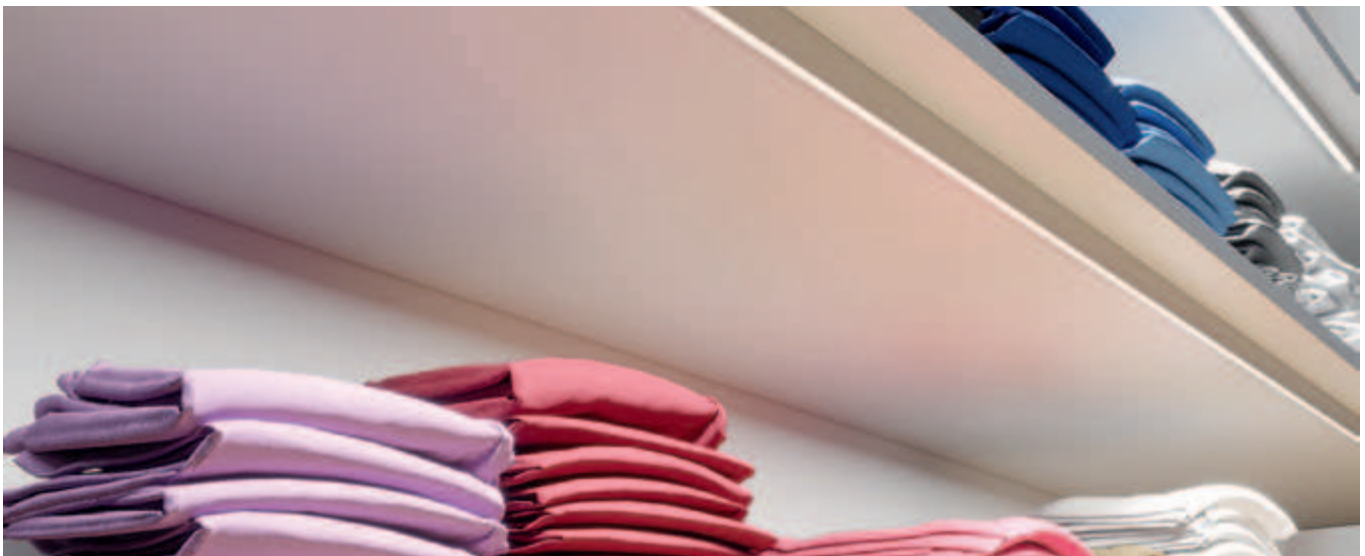
- > Material: Plastic
- > Version: With drill mark for cable outlet
- > Supplied with: 10 pcs.

| Color | 2103 | 2104 |
|---------------------------------|------------|------------|
| Black | 833.95.781 | 833.95.784 |
| Brushed stainless steel colored | 833.95.782 | 833.95.785 |
| Silver colored | 833.95.780 | 833.95.783 |

Profile 2104



End caps

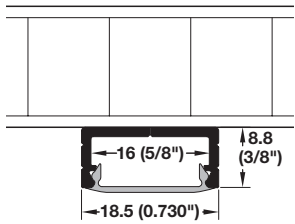


Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

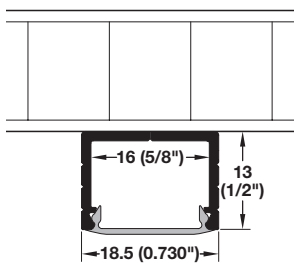
Profiles for surface mounting

Aluminum

Häfele Loox profile - for surface mounting



End cap



End cap



Retaining clip



Retaining clip 40°

- > Material: Aluminum
- > Finish: Silver colored anodized
- > L x W x H: 2500 x 18.5 x 9.5 mm
(98 7/16" x 3/4" x 3/8")
- > Supplied with: 1 profile, 1 diffuser

| Cover | Item No. |
|---------|------------|
| Milk | 833.72.860 |
| Frosted | 833.72.863 |

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

Order reference

Please order retaining clip (optional) separately

- + **End cap**
 - > Material/Finish: Plastic, silver colored
 - > Supplied with: 2 pcs.

| Item No. |
|------------|
| 833.72.852 |

- ➔ Switch for aluminum profiles 16 mm (5/8") see page 90.
Diffusers see page 40

- > Material: Aluminum
- > Finish: Silver colored anodized
- > L x W x H: 2500 x 18.5 mm x 14 mm
(98 7/16" x 3/4" x 9/16")
- > Supplied with: 1 profile, 1 diffuser

| Cover | Item No. |
|---------|------------|
| Milk | 833.72.861 |
| Frosted | 833.72.862 |

- ! **Order reference**
Please order retaining clip (optional) separately

- + **End cap**
 - > Material/Finish: Plastic, silver colored
 - > Supplied with: 2 pcs.

| Item No. |
|------------|
| 833.72.853 |

- + **Mounting clip, optional**
 - > Material/Finish: Stainless Steel, silver colored
 - > Supplied with: 2 pcs.

| Version | Item No. |
|--------------------|------------|
| Retaining clip | 833.74.832 |
| Retaining clip 40° | 833.74.833 |

- ➔ Switch for aluminum profiles 16 mm (5/8") see page 90.
Diffusers see page 40

Profiles for surface mounting

Aluminum



EXTENDING



SWITCHING



NETWORKING



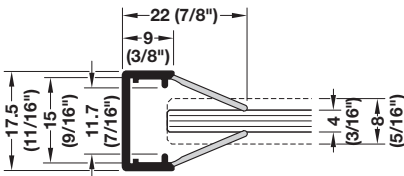
DISTRIBUTING



SUPPLYING



Häfele Loox glass edge profile



Effect of the glass edge on the light

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

- > Material: Plastic
- > Finish/Color: Profile: Silver colored
Diffusers: Milk
- > L x W: 2000 x 17.5 mm (78 3/4" x 11/16")
- > Height: 22 mm (7/8")
- > Application: For screw fixing
- > Supplied with: 1 profile
2 diffusers

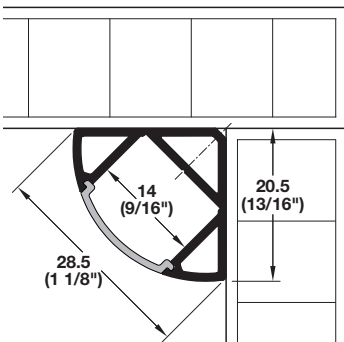
Item No.

833.74.733



For manufacturing customized glass edge lighting for glass thicknesses of 4–8 mm (3/16"–5/16").
Without load bearing function.
Only for LED strip lights with max. 9.6 W/m.
Note the dimensions of the clip connector.

Häfele Loox corner profile



- > Material: Aluminum
- > Finish/Color: Profile: Silver colored anodized
Diffuser: Milk
- > Cover: Milk
- > L x W: 2500 x 28 mm (98 7/16" x 1 1/8")
- > Height: 20.5 mm (25/32")
- > Supplied with: 1 profile
1 diffuser

Item No.

833.71.927



- > Material/Finish: End cap and holder:
Plastic, silver colored
Mounting plate: Stainless Steel
- > Supplied with: 2 pcs.

Version

End cap with cable outlet

Holder

Mounting plate

Item No.

833.74.822

833.74.825

833.74.826



End cap



Holder

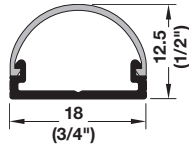


Mounting plate

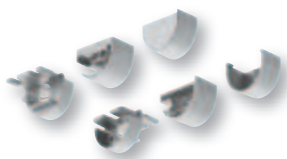
Profiles for surface mounting

Aluminum

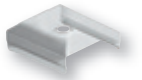
Häfele Loox drawer profile



- > Material: Aluminum
- > Finish/Color: Profile: Silver colored anodized
Diffuser: Milk
- > L x W: 2500 x 18 mm (98 7/16" x 11/16")
- > Height: 12.5 mm (1/2")
- > Supplied with: 1 profile
1 diffuser



End caps



Retaining clip

| Item No. |
|------------|
| 833.71.928 |



End cap set

- > Material/Finish: ABS Plastic, silver colored
- > Supplied with: 5 sets of end caps,
fixing screws

| Item No. |
|------------|
| 833.74.877 |

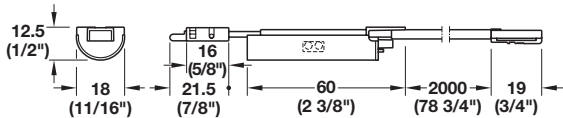
Retaining clip

- > Material/Finish: Stainless Steel, silver colored
- > Supplied with: 2 pcs.

| Item No. |
|------------|
| 833.74.893 |



Door sensor

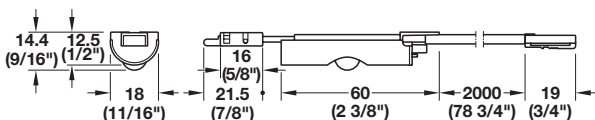


Loox5 door sensor for Häfele Loox drawer profile

| Voltage | Switching capacity | Item No. |
|---------|--------------------|------------|
| 5 12V | 60 W | 833.89.251 |
| 5 24V | 90 W | 833.89.253 |



Motion detector



Loox5 motion detector for Häfele Loox drawer profile

- > Delay time: 30 sec.
- > Sensor range: 0–3000 mm (0"–118 1/8")

| Voltage | Switching capacity | Item No. |
|---------|--------------------|------------|
| 5 12V | 60 W | 833.89.252 |
| 5 24V | 90 W | 833.89.254 |

Profiles for surface mounting

Aluminum

Designer surface mount profile - 9 mm (3/8")



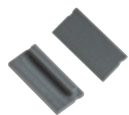
- > Material/Finish: Aluminum, clear anodized
- > L x W: 2000 x 19 mm (78 3/4" x 3/4")
- > Application: For surface or flush mounting

| | |
|--|-------------------|
| | Item No. |
| | 833.01.760 |

Note
LED points are always visible when this profile is used. Lens sold separately.

- +** **End cap**
- > Material/Color: Plastic, gray
- > Height: 9 mm (3/8")

| | |
|--|-------------------|
| | Item No. |
| | 833.01.765 |



End cap

Designer surface mount profile - 13 mm (1/2")



- > Material/Finish: Aluminum, clear anodized
- > L x W: 2000 x 19 mm (78 3/4" x 3/4")
- > Application: For surface or flush mounting

| | |
|--|-------------------|
| | Item No. |
| | 833.01.761 |

Note
Lens sold separately.

- +** **End cap**
- > Material/Color: Plastic, gray
- > Height: 13 mm (1/2")

| | |
|--|-------------------|
| | Item No. |
| | 833.01.764 |



End cap

| | LED points visible | | | |
|---------|--------------------|------|------|------|
| | 2065 | 2068 | 3045 | 3048 |
| Milk | - | - | - | - |
| Frosted | yes | yes | yes | yes |

- Flat lens**
- > Material: Plastic
- > Length: 2000 mm (78 3/4")

| | |
|---------------|-------------------|
| Finish | Item No. |
| Milk | 833.01.762 |
| Frosted | 833.01.763 |

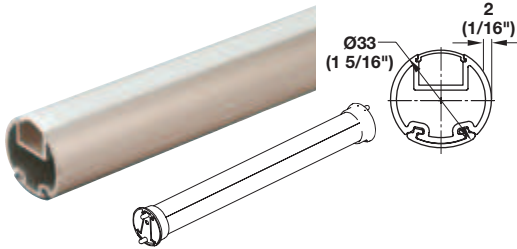


Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Elite wardrobe tube profiles

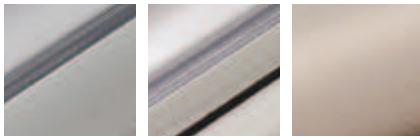
Aluminum

Wardrobe tube



- > Material/Finish: Aluminum, anodized
- > Insert: Plastic
- > Supplied with: 1 pc. with milk lens

| Length | Finish/insert | Item No. |
|-----------|-------------------------|------------|
| 2438 (8') | Matt aluminum/clear | 830.28.700 |
| 2438 (8') | Matt nickel/clear | 830.28.710 |
| 2438 (8') | Polished chrome/clear | 830.28.720 |
| 2438 (8') | Oil-rubbed bronze/black | 830.28.730 |
| 2438 (8') | Matt gold/clear | 830.28.790 |
| 2438 (8') | Slate/black | 830.28.800 |
| 1219 (4') | Matt aluminum/clear | 830.28.701 |
| 1219 (4') | Matt nickel/clear | 830.28.711 |
| 1219 (4') | Polished chrome/clear | 830.28.721 |
| 1219 (4') | Oil-rubbed bronze/black | 830.28.731 |
| 1219 (4') | Matt gold/clear | 830.28.705 |
| 1219 (4') | Slate/black | 830.28.706 |



matt aluminum

polished chrome

matt nickel



oil-rubbed bronze

matt gold

slate



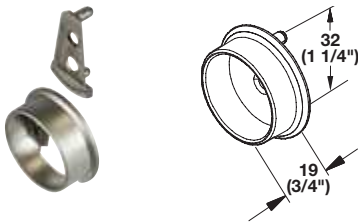
Lens

- > Material: Plastic
- > Cover: Milk
- > Height: 13 mm (1/2")

Item No.

833.74.781

Wardrobe tube support



- > Unique two-part design allows the support to fully surround the tube ends
- > Connect the wedge shaped brackets into line bore holes and side supports onto the end of the tube
- > Side supports connect to the wedge shaped brackets
- > With two pins for 5 mm (3/16") holes
- > 32 mm (1 1/4") spacing with an additional screw hole for side panel mounting

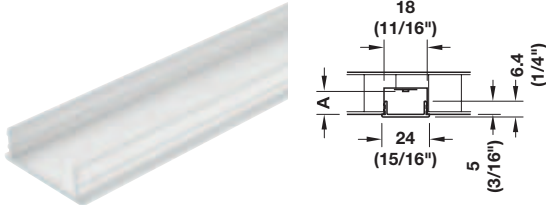
- > Material: Zinc-plated
- > Diameter: 32 mm (1/4")

| Finish | Item No. |
|-------------------|------------|
| Matt aluminum | 803.39.410 |
| Matt nickel | 803.39.610 |
| Polished chrome | 803.39.210 |
| Oil-rubbed bronze | 803.39.110 |
| Matt gold | 803.39.910 |
| Slate | 803.39.710 |

Covers, lenses and cooling strip



For Häfele Loox LED Strip Lights



Lens cover

- > Material: Plastic
- > Cover: Milk
- > Length: 2500 mm (98 3/8")
- > Application: For recess mounting

| Item No. |
|------------|
| 833.00.733 |

Size A min., so that LED points are not visible

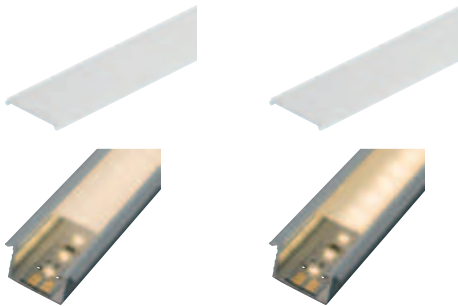
| Diffuser | LED | |
|----------|--------------|------|
| | 2068 | 3045 |
| Milk | 13 mm (1/2") | |



Note
Only for LED strips with max 9.6 W per m (3.0 W per ft).

Replacement lenses

- > Material: Plastic
- > Length: 2500 mm (98 7/16")



Cover

| Cover | Item No. |
|---------|------------|
| Frosted | 833.74.780 |
| Milk | 833.74.781 |



> Simple replacement of existing diffusers in order to switch from frosted to milk

Note

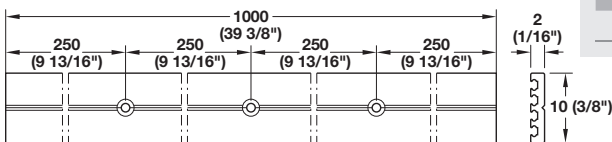
Cannot be used for the following aluminum profiles:
833.74.809, 833.74.835

Häfele Loox cooling strip



- > Material: Aluminum
- > L x W: 1000 x 10 mm (39 3/8" x 3/8")
- > Height: 2 mm (1/16")
- > Mounting: For screw fixing, drill holes at 250 mm (9 13/16"), 500 mm (19 11/16"), and 750 mm (29 1/2")
- > Supplied with: 1 profile

| Item No. |
|------------|
| 833.77.700 |



Profiles for surface mounting

Aluminum

Häfele Loox profile - for surface mounting with flat lens 12.5 mm (1/2")



| | |
|--------------------|----------------------------------|
| > Material/Finish: | Aluminum, clear anodized |
| > L x W: | 2500 x 18.5 mm (98 7/16" x 3/4") |
| > Cover: | Milk |

| |
|-------------------|
| Item No. |
| 833.71.929 |

Häfele Loox profile - for surface mounting with flat lens 14.5 mm (9/16")



| |
|-------------------|
| Item No. |
| 833.71.853 |

Note
Mounting clips sold separately, see page 30.

Häfele Loox profile - for shallow surface mounting with flat lens 1.3 mm (3/8")



| | |
|--------------------|----------------------------------|
| > Material/Finish: | Aluminum, clear anodized |
| > L x W: | 2500 x 18.5 mm (98 7/16" x 3/4") |
| > Cover: | Milk |

| |
|-------------------|
| Item No. |
| 833.71.852 |

Note
Mounting clips sold separately, see page 30.
Shallow profiles are not suitable for LED 3051

Flat Lens Cover

| | |
|-------------------|--|
| > Material/Cover: | Polycarbonate, milk |
| > L x W x H: | 2500 x 18.5 x 3.9 mm (98 7/16" x 3/4" x 1/8") |

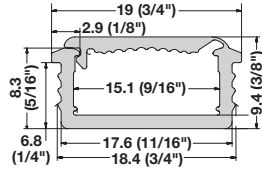
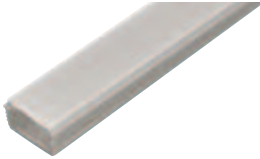
| |
|-------------------|
| Item No. |
| 833.74.783 |

Mounting strips

For LED Strip Lights



Profile - recess mounted



- > Material/Color: Polypropylene, clear anodized
- > Cover: Aluminum color, frosted
- > L x W x H: 2500 x 20 x 10 mm (98 7/16" x 13/16" x 3/8")

| Item No. |
|------------|
| 833.00.710 |

- ! > The profile depicted is only suitable for 12 V LED light strips, with max. 9.6 W per meter (3.0 W per foot)

- + **End cap**
 - > Material/Color: Plastic, silver colored
 - > Supplied with: 2 pcs.



| Item No. |
|------------|
| 833.72.768 |

Co-extruded profile - recess mounted



- > Material/Color: Polypropylene
- > Cover: Aluminum color, milk
- > L x W x H: 2500 x 19 x 15 mm (98 7/16" x 3/4" x 9/16")

| Item No. |
|------------|
| 833.01.700 |

- ! > The profile depicted is only suitable for 12 V LED light strips, with max. 9.6 W per meter (3.0 W per foot)

- + **End cap**
 - > Material/Color: Plastic, silver colored
 - > Supplied with: 2 pcs.



| Item No. |
|------------|
| 833.72.853 |

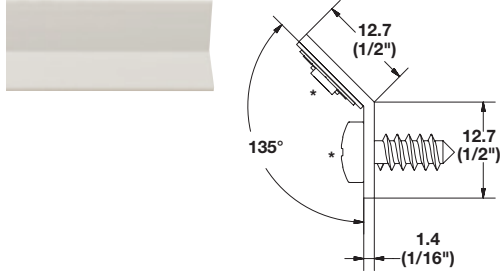
- + **Mounting tape**
 - > Material/Color: Foam, white
 - > W x L: 12 x 78 mm (1/2" x 3 1/16")

| Item No. |
|------------|
| 003.58.270 |

Mounting strips

For LED Strip Lights

Profile - for Loox strip 135°

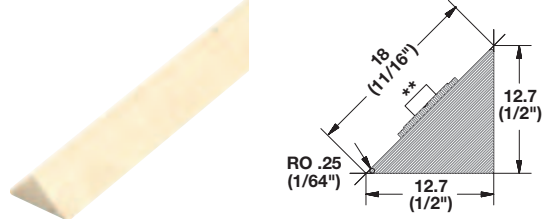


- > Material/Color: Plastic, white
- > Length: 2500 mm (98 7/16")

| | Item No. |
|--|------------|
| | 833.00.800 |

- Note**
Loox LED strip and screw shown for application and position only.

Corner profile



- > Material/Finish: Solid Poplar Wood, natural
- > Length: 2500 mm (98 7/16")
- > Application: For surface mounting

| | Item No. |
|--|------------|
| | 833.02.840 |

- Note**
Loox LED strip shown for application and position only.

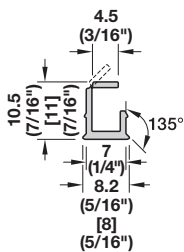
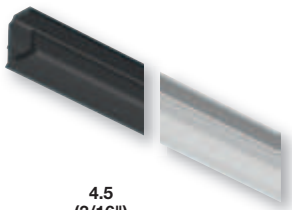
Profiles for recess mounting

Plastic

Häfele Loox5 profile 1102/1101

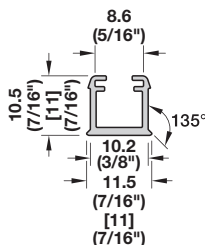
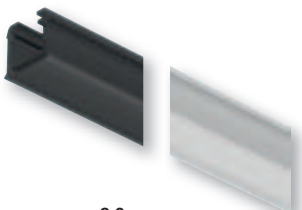


Profile 1102



[Routing dimensions]

Profile 1101



[Routing dimensions]

- > Material: Plastic
- > Length: 2500 mm (98 7/16")
- > Supplied with: 1 profile

| Color | Transmittance | 1102 | 1101 |
|------------|---------------|------------|------------|
| Black | ~20 % | 833.95.803 | 833.95.801 |
| White opal | 70-80 % | 833.95.802 | 833.95.800 |



Note

Profile 1102 and 1101 are usable for LED strip lights up to max 9.6 W/m.

Profile 1102 is usable for LED strip lights up to max. 5 mm (3/16") width.

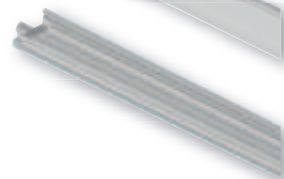
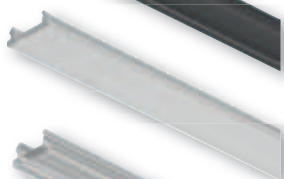
Profile 1101 is usable only for LED strip lights with a width of precisely 8 mm (5/16").

The diffuser creates a uniform light. The LED points in the white version are invisible from 120 LEDs/m.

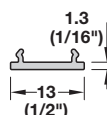
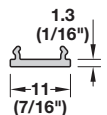
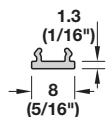
Routing dimensions are for reference only. Furniture construction may affect dimensions.

Diffusers and lenses

Diffusers Häfele Loox5 for profiles - for recess mounting 1103-1107 and 2101-2104



Dimensions



- > Material: Plastic
- > Length: 2500 mm (98 7/16")
- > Supplied with: 1 diffuser

| Width | Transmittance | | |
|------------|----------------------|-----------------------|-------------------|
| | transparent ~90 % | white opal 70–80 % | black ~20 % |
| 8 (5/16") | – | 833.95.804 | 833.95.808 |
| 11 (7/16") | 833.95.807 | 833.95.805 | 833.95.809 |
| 13 (1/2") | – | 833.95.806 | 833.95.810 |



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.

Semi-round lens

- > Material: Plastic
- > Cover: Milk
- > Length: 2500 mm (98 7/16")

| | Item No. |
|--|-------------------|
| | 833.74.807 |



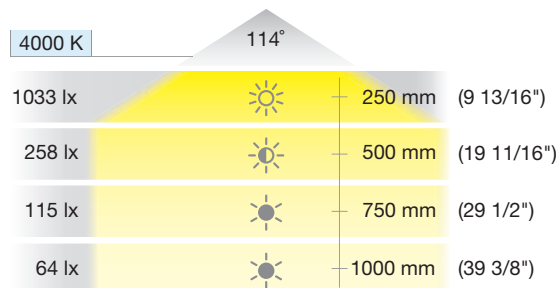
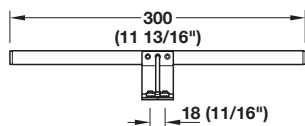
Note

For use with corner profiles

Surface mounted light

Monochrome, length 300 mm (11 13/16")

Häfele Loox LED 2032



- > Dimmable: Yes
- > Material: Aluminum
- > L x W x H: 300 x 180 x 50 mm (11 13/16" x 7 1/16" x 2")
- > Energy efficiency class: A+
- > Degree of protection: IP44
- > Number of LEDs: 27
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2000 mm (78 3/4") lead, including fixing materials

12V 5 12V Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.

Note
 Loox lights and drivers are "Suitable for use within closet storage spaces"

| Color temperature | Wattage | Luminous flux | Luminous efficacy | Color rendering index CRI | Weighted energy consumpt. | Finish | Item No. |
|-------------------|---------|---------------|-------------------|---------------------------|---------------------------|----------------|-------------------|
| K | W | lm | lm/W | R _a | kWh/1000 h | | |
| 4000 | 3 | 200 | 67 | 84 | 3.30 | Silver colored | 833.74.070 |
| 4000 | 3 | 200 | 67 | 84 | 3.30 | Chrome-plated | 833.74.080 |

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



Recess/surface mounted lights

Modular monochrome, drill hole Ø: 58 mm (2 5/16")



Häfele Loox LED 2025, Loox5 2092/3092



| 2700 K | 3000 K | 4000 K | 5000 K | 80° | |
|---------|---------|---------|---------|-----|--------------------|
| 2600 lx | 2650 lx | 2700 lx | 2800 lx | | 250 mm (9 13/16") |
| 730 lx | 750 lx | 780 lx | 800 lx | | 500 mm (19 11/16") |
| 320 lx | 350 lx | 345 lx | 350 lx | | 750 mm (29 1/2") |
| 180 lx | 185 lx | 185 lx | 190 lx | | 1000 mm (39 3/8") |

LED 2025

| 2700 K | 3000 K | 4000 K | 5000 K | 80° | |
|---------|---------|---------|---------|-----|--------------------|
| 1870 lx | 1990 lx | 2025 lx | 2135 lx | | 250 mm (9 13/16") |
| 500 lx | 540 lx | 540 lx | 580 lx | | 500 mm (19 11/16") |
| 210 lx | 230 lx | 235 lx | 240 lx | | 750 mm (29 1/2") |
| 120 lx | 125 lx | 130 lx | 135 lx | | 1000 mm (39 3/8") |

LED 2092/3092

LED 2092 and LED 3092, equipped with high-quality Samsung® LEDs

- > Dimmable: Yes
- > Material: Aluminum
- > Energy efficiency class: A+
- > Degree of protection: IP44 as recess mounted light
IP20 as surface mounted light
- > Mounting: For mounting in drilled hole,
for clamp or screw fixing
- > Drill hole Ø: 58 mm (2 5/16")
- > Supplied with: 1 light module



Note

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

Loox lights and drivers are "Suitable for use within closet storage spaces"

Order reference

Please order lead and housing separately, see page 43.



5 12V

Loox5 12 V driver see page 122

5 24V

Loox5 24 V driver see page 123

Recess/surface mounted lights

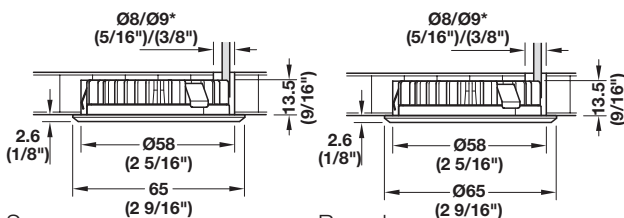
Modular monochrome, drill hole Ø: 58 mm (2 5/16")

Häfele Loox LED 2025, Loox5 2092/3092

| Voltage V | Quantity LEDs | Color temperature K | Wattage W | Luminous flux lm | Luminous efficacy lm/W | Color rendering index CRI | | Weighted energy consumpt. kWh/1000 h | Item No. | | |
|--------------|---|---------------------------|--------------|------------------------|------------------------------|------------------------------------|----------------|---|-------------------|-------------------|--|
| | | | | | | P _a | P ₉ | | | | |
| 5 12V | 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 | | |
| | LED 2092 | | | | | | | | | | |
| | 6 | 2700 | 3.4 | 220 | 65 | >90 | >55 | 3.74 | 833.72.474 | | |
| | | 3000 | 3.4 | 240 | 71 | >90 | >55 | 3.74 | 833.72.475 | | |
| | | 4000 | 3.4 | 250 | 74 | >90 | >55 | 3.74 | 833.72.476 | | |
| | | 5000 | 3.4 | 260 | 76 | >90 | >55 | 3.74 | 833.72.477 | | |
| | 5 24V | 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 | | |

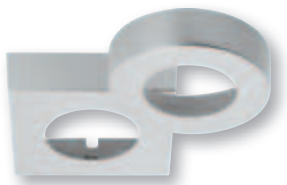


Recess mount housing

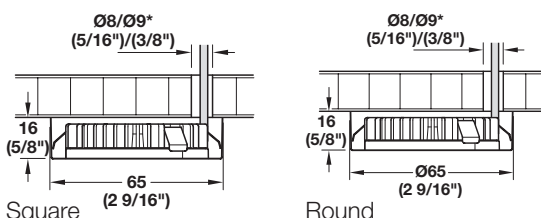


Square

Round



Surface mount housing

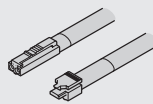


Square

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 | Item No. |
|---------|----------------|-------------------|
| 5 12V | 1000 (39 3/8") | 833.95.789 |
| | 2000 (78 3/4") | 833.95.788 |
| 5 24V | 2000 (78 3/4") | 833.95.791 |



> Housing, recess mounted, Plastic

| Color | Round | Square |
|-------------------------|-------------------|-------------------|
| Black | 833.72.168 | 833.72.172 |
| Anthracite | 833.72.380 | 833.72.383 |
| Brown | 833.72.381 | 833.72.384 |
| Matt nickel-plated | 833.72.170 | 833.72.174 |
| Stainless steel colored | 833.72.382 | 833.72.385 |
| Silver colored | 833.72.126 | 833.72.127 |
| White, RAL 9003 | 833.72.171 | 833.72.175 |



> Housing, surface mounted, Plastic

| Color | Round | Square |
|-------------------------|-------------------|-------------------|
| Black | 833.72.160 | 833.72.164 |
| Anthracite | 833.72.193 | 833.72.195 |
| Brown | 833.72.192 | 833.72.196 |
| Matt nickel-plated | 833.72.162 | 833.72.166 |
| Stainless steel colored | 833.72.194 | 833.72.197 |
| Silver colored | 833.72.124 | 833.72.125 |
| White, RAL 9003 | 833.72.163 | 833.72.167 |

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Recess/surface mounted lights

Modular multi-white, drill hole Ø: 58 mm (2 5/16")



Häfele Loox5 LED 2091 / 3091



- > Dimmable: Yes
- > Material: Aluminum
- > Energy efficiency class: A+
- > Degree of protection: IP44 as recess mounted light
IP20 as surface mounted light
- > Mounting: For mounting in drilled hole, for clamp or screw fixing
- > Drill hole Ø: 58 mm (2 5/16")
- > Supplied with: 1 light module



Note

The IP44 degree of protection is reduced to IP20 when surface mounting or recess mounting with through hole. Loox lights and drivers are "Suitable for use within closet storage spaces"

Order reference

Please order lead and housing separately, see page 45.



5 12V

Loox5 12 V driver see page 122

5 24V

Loox5 24 V driver see page 123



Color control only via 6-way distributor Häfele Connect Mesh with multi-white adapter and remote control or smartphone. Please order separately, see Networking page 97.

| 2700 K | 5000 K | 80° | |
|---------|---------|-----|--------------------|
| 2000 lx | 2100 lx | | 250 mm (9 13/16") |
| 520 lx | 550 lx | | 500 mm (19 11/16") |
| 220 lx | 235 lx | | 750 mm (29 1/2") |
| 120 lx | 125 lx | | 1000 mm (39 3/8") |

Recess/surface mounted lights

Modular multi-white, drill hole Ø: 58 mm (2 5/16")

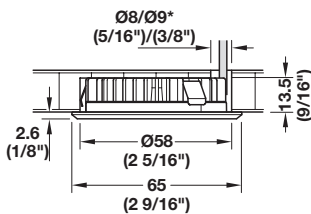


Häfele Loox5 LED 2091 / 3091

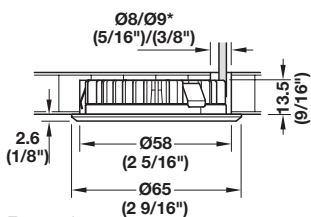
| Voltage V | Quantity LEDs | Color temperature K | Wattage W | Luminous flux lm | Luminous efficacy lm/W | Color rendering index CRI | | Weighted energy consumpt. kWh/1000 h | Item No. |
|--------------|------------------|---------------------------|--------------|------------------------|------------------------------|------------------------------------|----------------|---|-------------------|
| | | | | | | R _a | R ₉ | | |
| 5 12V | LED 2091 | | | | | | | | |
| | 12 | 2700 5000 | 3.4 | 240 270 | 72 80 | >90 | >55 | 3.74 | 833.72.478 |
| 5 24V | LED 3091 | | | | | | | | |
| | 12 | 2700 5000 | 3.4 | 240 270 | 72 80 | >90 | >55 | 3.74 | 833.75.178 |



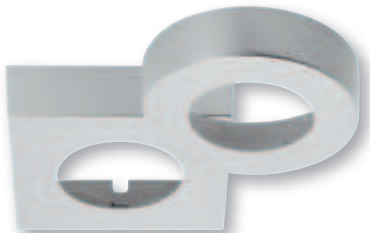
Recess mount housing



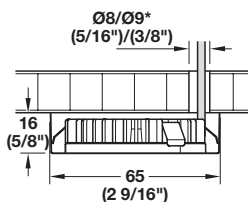
Square



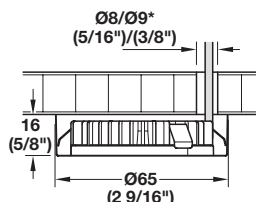
Round



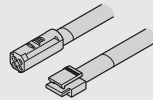
Surface mount housing



Square



Round



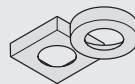
- > Lead, 1.5 A/24 AWG, with snap-in connector for multi-white lights
- > Length: 2000 mm (78 3/4")

| Voltage | Item No. |
|---------|-------------------|
| 5 12V | 833.95.787 |
| 5 24V | 833.95.790 |



- > Housing, recess mounted, Plastic

| Color | Round | Square |
|-------------------------|-------------------|-------------------|
| Black | 833.72.168 | 833.72.172 |
| Anthracite | 833.72.380 | 833.72.383 |
| Brown | 833.72.381 | 833.72.384 |
| Matt nickel-plated | 833.72.170 | 833.72.174 |
| Stainless steel colored | 833.72.382 | 833.72.385 |
| Silver colored | 833.72.126 | 833.72.127 |
| White, RAL 9003 | 833.72.171 | 833.72.175 |



- > Housing, surface mounted, Plastic

| Color | Round | Square |
|-------------------------|-------------------|-------------------|
| Black | 833.72.160 | 833.72.164 |
| Anthracite | 833.72.193 | 833.72.195 |
| Brown | 833.72.192 | 833.72.196 |
| Matt nickel-plated | 833.72.162 | 833.72.166 |
| Stainless steel colored | 833.72.194 | 833.72.197 |
| Silver colored | 833.72.124 | 833.72.125 |
| White, RAL 9003 | 833.72.163 | 833.72.167 |

Dimensional data not binding. Dimensions in mm. Dimensions in inches are approximate. We reserve the right to alter specifications without notice.

Housings are suitable for monochrome and multi-white lights.

* valid for multi-white plugs.

Recess/surface mounted lights

Modular monochrome, drill hole Ø: 35 mm (1 3/8")



Häfele Loox5 LED 2040



- > Dimmable: Yes
- > Material: Aluminum
- > Energy efficiency class: A+
- > Degree of protection: IP44 as recess mounted light
IP20 as surface mounted light
- > Mounting: For mounting in drilled hole,
for clamp or screw fixing
- > Drill hole Ø: 35 mm (1 3/8")
- > Supplied with: 1 light module

| 2700 K | 3000 K | 4000 K | 5000 K | 90° | |
|--------|--------|--------|--------|-----|--------------------|
| 530 lx | 660 lx | 720 lx | 800 lx | | 250 mm (9 13/16") |
| 135 lx | 180 lx | 185 lx | 220 lx | | 500 mm (19 11/16") |
| 55 lx | 80 lx | 85 lx | 95 lx | | 750 mm (29 1/2") |
| 35 lx | 40 lx | 50 lx | 55 lx | | 1000 mm (39 3/8") |



Note

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

Loox lights and drivers are "Suitable for use within closet storage spaces"

Order reference

Please order lead and housing separately, see page 47.



5 12V

Loox5 12 V driver see page 122

Recess/surface mounted lights

Modular monochrome, drill hole Ø: 35 mm (1 3/8")

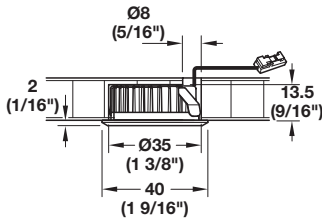


Häfele Loox5 LED 2040

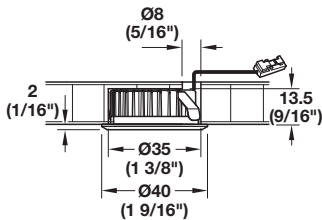
| Voltage V | Quantity LEDs | Color temperature K | Wattage W | Luminous flux lm | Luminous efficacy lm/W | Color rendering index CRI | Weighted energy consumpt. kWh/1000 h | Item No. |
|--------------|------------------|------------------------|--------------|---------------------|---------------------------|------------------------------|---|------------|
| 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 |



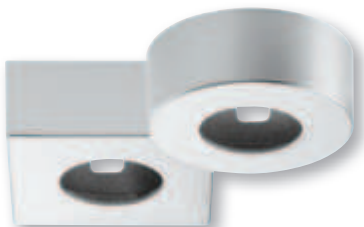
Recess mount housing



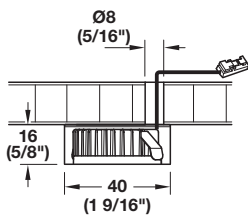
Square



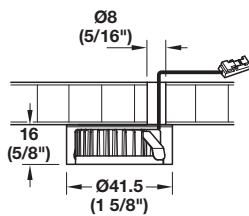
Round



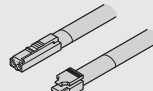
Surface mount housing



Square



Round



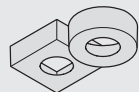
> Lead, 1.5 A/24 AWG, with snap-in connector

| Voltage | Length | Item No. |
|---------|----------------|------------|
| 5 12V | 1000 (39 3/8") | 833.95.789 |
| | 2000 (78 3/4") | 833.95.788 |



> Housing, recess mounted, Plastic

| Color | Round | Square |
|--------------------|------------|------------|
| Black | 833.72.184 | 833.72.188 |
| Matt nickel-plated | 833.72.186 | 833.72.190 |
| Silver colored | 833.72.145 | 833.72.146 |
| White, RAL 9003 | 833.72.187 | 833.72.191 |



> Housing, surface mounted, Plastic

| Color | Round | Square |
|--------------------|------------|------------|
| Black | 833.72.176 | 833.72.180 |
| Matt nickel-plated | 833.72.178 | 833.72.182 |
| Silver colored | 833.72.143 | 833.72.144 |
| White, RAL 9003 | 833.72.179 | 833.72.183 |

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Recess/surface mounted lights

Monochrome, drill hole Ø: 26 mm (1")



Häfele Loox5 LED 2090/3090



> Narrow beam angle for staging objects

- > Dimmable: Yes
- > Material: Aluminum
- > Energy efficiency class: A+
- > Degree of protection: IP44 as recess mounted light
IP20 as surface mounted light
- > Mounting: For mounting in drilled hole,
for clamp or screw fixing
- > Drill hole Ø: 26 mm (1")
- > Supplied with: 1 light module with 2000 mm
(78 3/4") lead

| 2700 K | 3000 K | 4000 K | 5000 K | 55° | |
|--------|--------|---------|---------|-----|--------------------|
| 930 lx | 990 lx | 1005 lx | 1005 lx | | 250 mm (9 13/16") |
| 230 lx | 240 lx | 250 lx | 260 lx | | 500 mm (19 11/16") |
| 95 lx | 100 lx | 110 lx | 115 lx | | 750 mm (29 1/2") |
| 50 lx | 55 lx | 60 lx | 60 lx | | 1000 mm (39 3/8") |

LED 2090

| 2700 K | 3000 K | 4000 K | 5000 K | 55° | |
|--------|--------|--------|--------|-----|--------------------|
| 825 lx | 870 lx | 935 lx | 940 lx | | 250 mm (9 13/16") |
| 220 lx | 225 lx | 235 lx | 245 lx | | 500 mm (19 11/16") |
| 95 lx | 95 lx | 100 lx | 105 lx | | 750 mm (29 1/2") |
| 50 lx | 55 lx | 55 lx | 60 lx | | 1000 mm (39 3/8") |

LED 3090



Note

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

Loox lights and drivers are "Suitable for use within closet storage spaces"

Order reference

Please order housing separately, see page 49.



5 12V

Loox5 12 V driver see page 122

5 24V

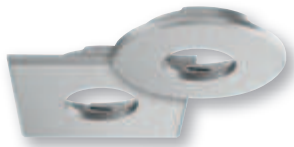
Loox5 24 V driver see page 123

Recess/surface mounted lights

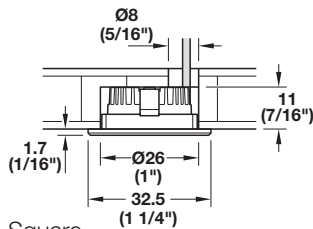
Monochrome, drill hole Ø: 26 mm (1")

Häfele Loox5 LED 2090 / 3090

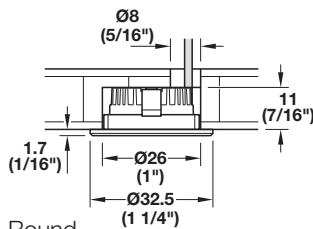
| Voltage V | Quantity LEDs | Color temperature K | Wattage W | Luminous flux lm | Luminous efficacy lm/W | Color rendering index CRI | | Weighted energy consumpt. kWh/1000 h | Item No. |
|--------------|------------------|---------------------------|--------------|------------------------|------------------------------|------------------------------------|----------------|---|-------------------|
| | | | | | | R _a | R ₉ | | |
| 5 12V | 1 | LED 2090 | | | | | | | |
| | | 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 | 1 | LED 3090 | | | | | | | |
| | | 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 |



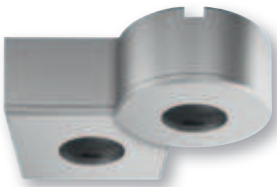
Recess mount housing



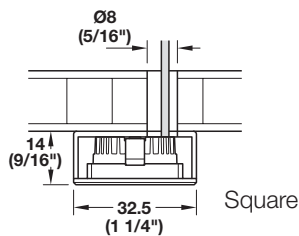
Square



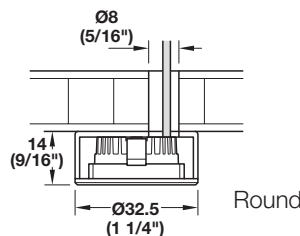
Round



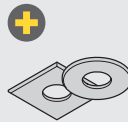
Surface mount housing



Square

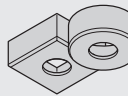


Round



> Housing, recess mounted, Plastic

| Color | Round | Square |
|-------------------------|-------------------|-------------------|
| Black | 833.89.225 | 833.89.232 |
| Anthracite | 833.89.226 | 833.89.233 |
| Brown | 833.89.227 | 833.89.234 |
| Matt nickel-plated | 833.89.223 | 833.89.230 |
| Stainless steel colored | 833.89.228 | 833.89.235 |
| Silver colored | 833.89.222 | 833.89.229 |
| White, RAL 9003 | 833.89.224 | 833.89.231 |



> Housing, surface mounted, Plastic

| Color | Round | Square |
|-------------------------|-------------------|-------------------|
| Black | 833.89.239 | 833.89.246 |
| Anthracite | 833.89.240 | 833.89.247 |
| Brown | 833.89.241 | 833.89.248 |
| Matt nickel-plated | 833.89.237 | 833.89.244 |
| Stainless steel colored | 833.89.242 | 833.89.249 |
| Silver colored | 833.89.236 | 833.89.243 |
| White, RAL 9003 | 833.89.238 | 833.89.245 |

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Recess/surface mounted lights

Monochrome, drill hole Ø: 55 mm (2 3/16")



Häfele Loox LED 2047/3038



| 3000 K | 4000 K | 5000 K | 120° | |
|--------|--------|--------|------|--------------------|
| 560 lx | 570 lx | 670 lx | | 250 mm (9 13/16") |
| 210 lx | 215 lx | 245 lx | | 500 mm (19 11/16") |
| 115 lx | 115 lx | 135 lx | | 750 mm (29 1/2") |
| 75 lx | 75 lx | 90 lx | | 1000 mm (39 3/8") |

LED 2047

| 3000 K | 4000 K | 5000 K | 120° | |
|--------|--------|--------|------|--------------------|
| 580 lx | 590 lx | 710 lx | | 250 mm (9 13/16") |
| 220 lx | 220 lx | 265 lx | | 500 mm (19 11/16") |
| 115 lx | 115 lx | 140 lx | | 750 mm (29 1/2") |
| 75 lx | 75 lx | 100 lx | | 1000 mm (39 3/8") |

LED 3038

- > Dimmable: Yes
- > Material: Steel
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: For mounting in drilled hole, for clamp or screw fixing
- > Drill hole Ø: 55 mm (2 3/16")
- > Supplied with: 1 light with 2000 mm (78 3/4") lead

Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.

Loox5 24 V driver see page 123
Please order 6-piece adapter set 833.77.838 separately, see page 114.

Note
Loox lights and drivers are "Suitable for use within closet storage spaces"

Recess/surface mounted lights

Monochrome, drill hole Ø: 55 mm (2 3/16")

Häfele Loox LED 2047/3038

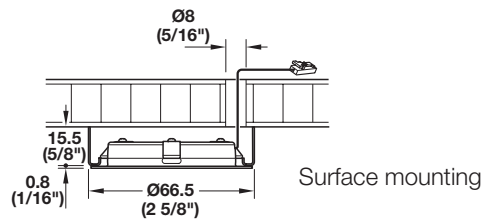
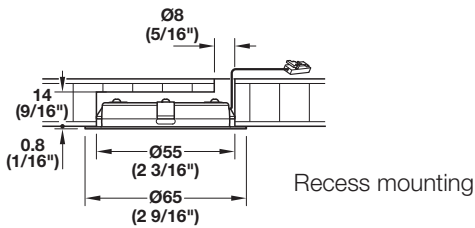
- > LEDs: 24
- > Wattage: 3 W

| Voltage V | Color temperature K | Luminous flux lm | Luminous efficacy lm/W | Color rendering index CRI R _a | Weighted energy consumpt. kWh/1000 h | Stainless steel colored | Silver colored | Polished chrome-plated | White matt | Black matt |
|--------------|------------------------|---------------------|---------------------------|---|---|-------------------------|----------------|------------------------|------------|------------|
| 12 V | LED 2047 | | | | | | | | | |
| | 3000 | 210 | 70 | 90 | 3.3 | 833.72.390 | 833.72.340 | 833.72.300 | 833.72.410 | 833.72.420 |
| | 4000 | 216 | 72 | 90 | 3.3 | 833.72.391 | 833.72.341 | 833.72.301 | 833.72.411 | 833.72.421 |
| | 5000 | 240 | 80 | 83 | 3.3 | 833.72.392 | 833.72.342 | 833.72.302 | 833.72.412 | 833.72.422 |
| 24 V | LED 3038 | | | | | | | | | |
| | 3000 | 215 | 72 | 90 | 3.3 | 833.75.150 | 833.75.120 | 833.75.140 | - | - |
| | 4000 | 225 | 75 | 90 | 3.3 | 833.75.151 | 833.75.121 | 833.75.141 | - | - |
| | 5000 | 245 | 82 | 83 | 3.3 | 833.75.152 | 833.75.122 | 833.75.142 | - | - |



> Housing, Plastic

| Color | Item No. |
|-------------------------|------------|
| Stainless steel colored | 833.72.804 |
| Silver colored | 833.72.803 |
| Polished chrome-plated | 833.72.802 |
| Black | 833.72.801 |



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

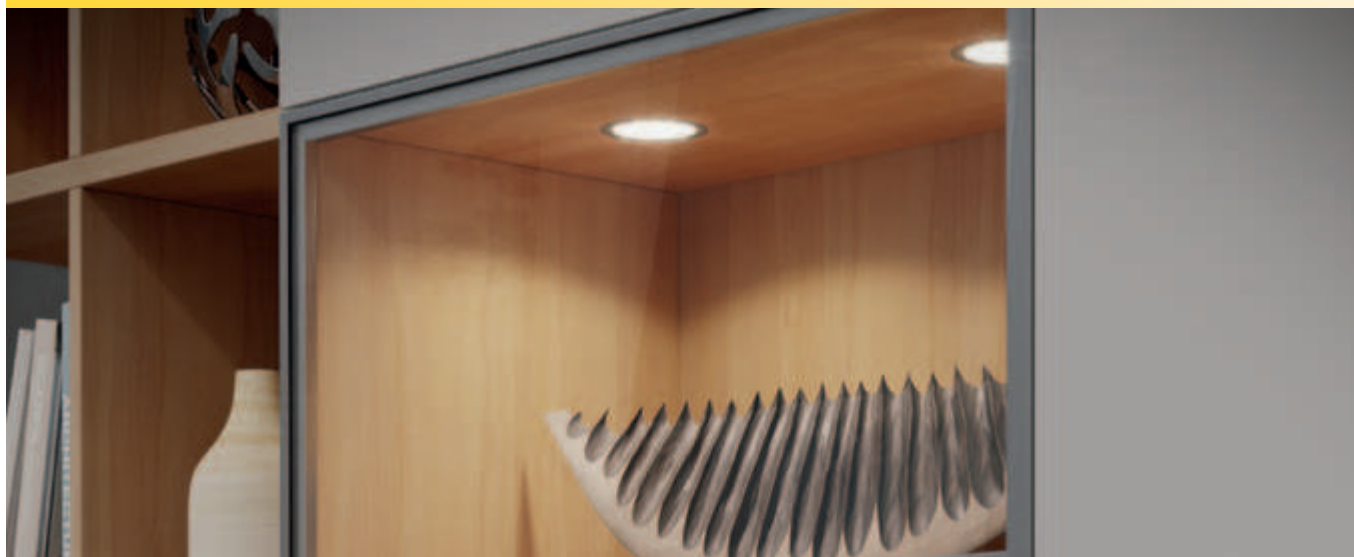


Recess/surface mounted lights

Multi-white, drill hole Ø: 55 mm (2 3/16")



Häfele Loox LED 2048/3039



| 2700 K | | 5000 K | | 120° | |
|--------|--------|----------------------|--|---------|-------------|
| 290 lx | 345 lx | [Light beam diagram] | | 250 mm | (9 13/16") |
| 110 lx | 130 lx | [Light beam diagram] | | 500 mm | (19 11/16") |
| 60 lx | 70 lx | [Light beam diagram] | | 750 mm | (29 1/2") |
| 40 lx | 45 lx | [Light beam diagram] | | 1000 mm | (39 3/8") |

LED 2048

| 2700 K | | 5000 K | | 120° | |
|--------|--------|----------------------|--|---------|-------------|
| 335 lx | 350 lx | [Light beam diagram] | | 250 mm | (9 13/16") |
| 125 lx | 130 lx | [Light beam diagram] | | 500 mm | (19 11/16") |
| 70 lx | 70 lx | [Light beam diagram] | | 750 mm | (29 1/2") |
| 45 lx | 45 lx | [Light beam diagram] | | 1000 mm | (39 3/8") |

LED 3039

> Dimmable via multi-white mixer

- > Material: Steel
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Mounting: For mounting in drilled hole, for clamp or screw fixing
- > Drill hole Ø: 55 mm (2 3/16")
- > Supplied with: 1 light with 2000 mm (78 3/4") multi-white lead

Drivers for multi-white solutions

12 V 5 12 V Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.745 separately, see page 98.

24 V 5 24 V Loox5 24 V driver see page 123
Please order 6-piece adapter set 833.77.830 separately, see page 98.

5 12 V Häfele Connect Mesh 6-way distributor, see page 97.

5 24 V Häfele Connect Mesh 6-way distributor, see page 97.

Note
Loox lights and drivers are "Suitable for use within closet storage spaces"

Note
Color control only via 6-way distributor Häfele Connect Mesh with multi-white adapter and remote control or smartphone. Please order separately, see Networking, page 97.

Note
Use with Häfele Connect Mesh app.



Recess/surface mounted lights

Multi-white, drill hole Ø: 55 mm (2 3/16")

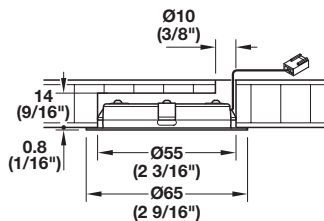
Häfele Loox LED 2048/3039

| Voltage V | Number of LEDs | Color temperature K | Wattage W | Luminous flux lm | Luminous efficacy lm/W | Color rendering index CRI R _a | Weighted energy consumpt. kWh/1000 h | Stainless steel colored | Silver colored | Polished chrome- plated |
|--------------|-----------------------------|---------------------------|--------------|------------------------|------------------------------|---|---|-------------------------------|-------------------|-------------------------------|
| 12 V | Häfele Loox LED 2048 | | | | | | | | | |
| | 60 | 2700 5000 | 3 | 255 | 85 | 90 83 | 3.3 | 833.72.400 | 833.72.311 | 833.72.310 |
| 24 V | Häfele Loox LED 3039 | | | | | | | | | |
| | 60 | 2700 5000 | 3 | 258 | 85 | 90 83 | 3.3 | 833.75.160 | 833.75.131 | 833.75.130 |

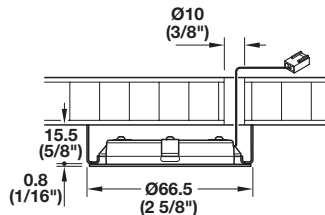


> Housing, Plastic

| Color | Item No. |
|-------------------------|------------|
| Stainless steel colored | 833.72.804 |
| Silver colored | 833.72.803 |
| Polished chrome-plated | 833.72.802 |



Recess mounting



Surface mounting



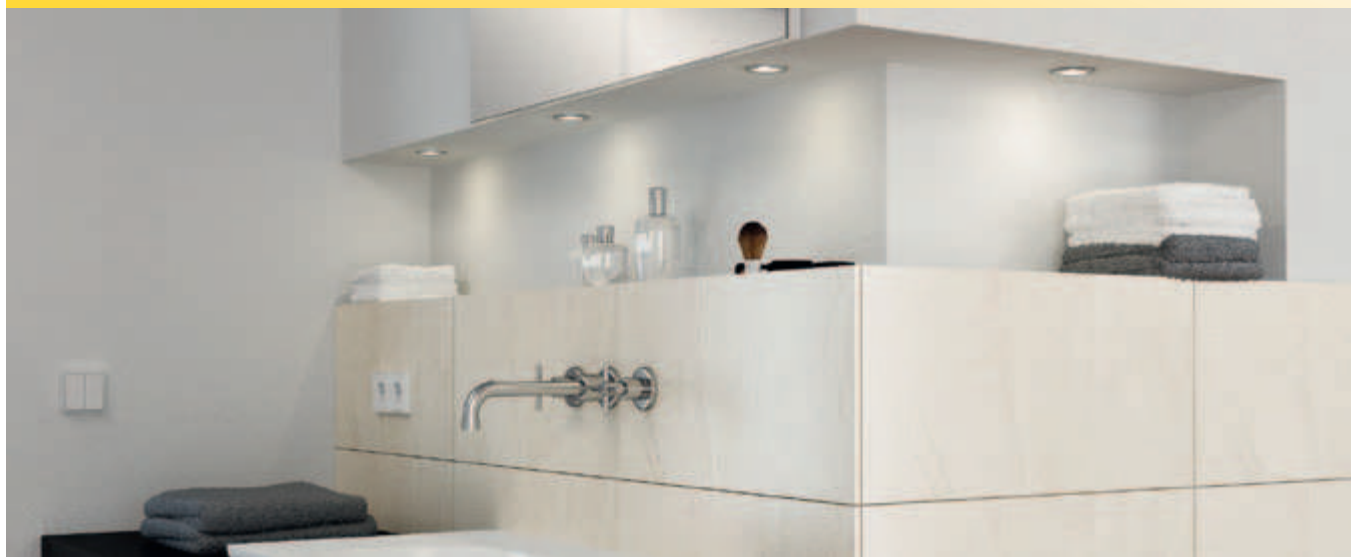
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Recess/surface mounted lights

Monochrome, drill hole Ø: 55 mm (2 3/16")



Häfele Loox LED 2020



- > Dimmable: Yes
- > Material: Zinc Alloy
- > Energy efficiency class: A
- > Degree of protection: IP44 as recess mounted downlight
IP20 as surface mounted housing
- > Number of LEDs: 6
- > Mounting: For mounting in drilled hole,
for clamp fixing or for screw fixing
- > Drill hole Ø: 55 mm (2 3/16")
- > Supplied with: 1 light with 2000 mm (78 3/4") lead,
including fixing materials

| 3000 K | 4000 K | 5000 K | 100° | |
|--------|--------|--------|------|--------------------|
| 760 lx | 860 lx | 840 lx | | 250 mm (9 13/16") |
| 190 lx | 215 lx | 210 lx | | 500 mm (19 11/16") |
| 85 lx | 95 lx | 95 lx | | 750 mm (29 1/2") |
| 48 lx | 50 lx | 50 lx | | 1000 mm (39 3/8") |



12V 5 12V

Loox5 12 V driver see page 122
Please order 6-piece adapter set
833.95.753 separately, see page 114.



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



Note

Loox lights and drivers are "Suitable for use within closet
storage spaces"

| V | Color temperature K | Wattage W | Luminous flux lm | Luminous efficacy lm/W | Color rendering index CRI R _a | Weighted energy consumpt. kWh/1000 h | Black | Matt nickel-plated | Polished chrome-plated |
|-----|------------------------|--------------|---------------------|---------------------------|---|---|------------|--------------------|------------------------|
| 12V | 3000 | 3.2 | 142 | 44 | 83 | 3.52 | 833.72.281 | 833.72.280 | 833.72.282 |
| | 4000 | 3.2 | 150 | 47 | 83 | 3.52 | 833.72.284 | 833.72.283 | 833.72.285 |
| | 5000 | 3.2 | 150 | 47 | 83 | 3.52 | 833.72.287 | 833.72.286 | 833.72.288 |

Recess/surface mounted lights

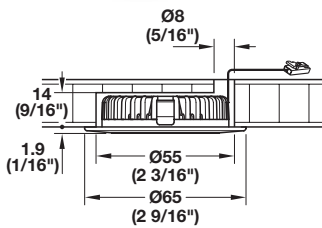
Monochrome, drill hole Ø: 55 mm (2 3/16")

Häfele Loox LED 2020

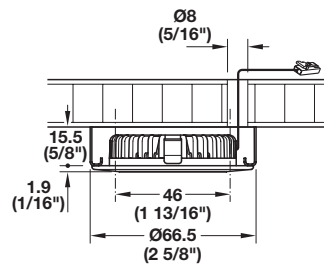


> Housing, Plastic

| Color | Item No. |
|------------------------|------------|
| Black | 833.72.801 |
| Matt nickel-plated | 833.72.800 |
| Polished chrome-plated | 833.72.802 |



Recess mounting



Surface mounting



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Recess/surface mounted lights

Monochrome, drill hole Ø: 26 mm (1")



Häfele Loox LED 2022



- > Dimmable: Yes
- > Material: Aluminum
- > Energy efficiency class: A+
- > Degree of protection: IP44 as recess mounted light
IP20 as surface mounted light
- > Number of LEDs: 3
- > Mounting: For mounting in drilled hole, for clamp or screw fixing
- > Drill hole Ø: 26 mm (1")
- > Supplied with: 1 light with 2000 mm (78 3/4") lead

| 3000 K | 4000 K | 5000 K | | 90° | |
|--------|--------|--------|--|-----|--------------------|
| 650 lx | 650 lx | 650 lx | | | 250 mm (9 13/16") |
| 163 lx | 163 lx | 163 lx | | | 500 mm (19 11/16") |
| 72 lx | 72 lx | 72 lx | | | 750 mm (29 1/2") |
| 40 lx | 40 lx | 40 lx | | | 1000 mm (39 3/8") |

12V **5 12V** Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.

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

Note
Loox lights and drivers are "Suitable for use within closet storage spaces"

| V | Color temperature K | Wattage W | Luminous flux lm | Luminous efficacy lm/W | Color rendering index CRI R _a | Weighted energy consumpt. kWh/1000 h | Silver colored anodized | Polished chrome-plated |
|-----|------------------------|--------------|---------------------|---------------------------|---|---|-------------------------|------------------------|
| 12V | 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 |

Recess/surface mounted lights

Monochrome, drill hole Ø: 26 mm (1")

Häfele Loox LED 2022



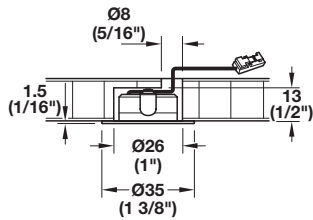
> Housing, round, Plastic

| Color | Item No. |
|-------------------------|------------|
| Silver colored anodized | 833.72.831 |
| Chrome-plated | 833.72.830 |

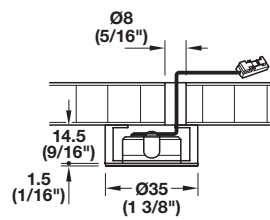


> Housing, wedge-shaped, Plastic

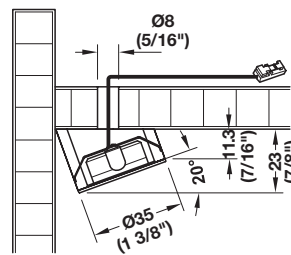
| Color | Item No. |
|-------------------------|------------|
| Silver colored anodized | 833.72.832 |
| Chrome-plated | 833.72.833 |



Recess mounting



Surface mounting



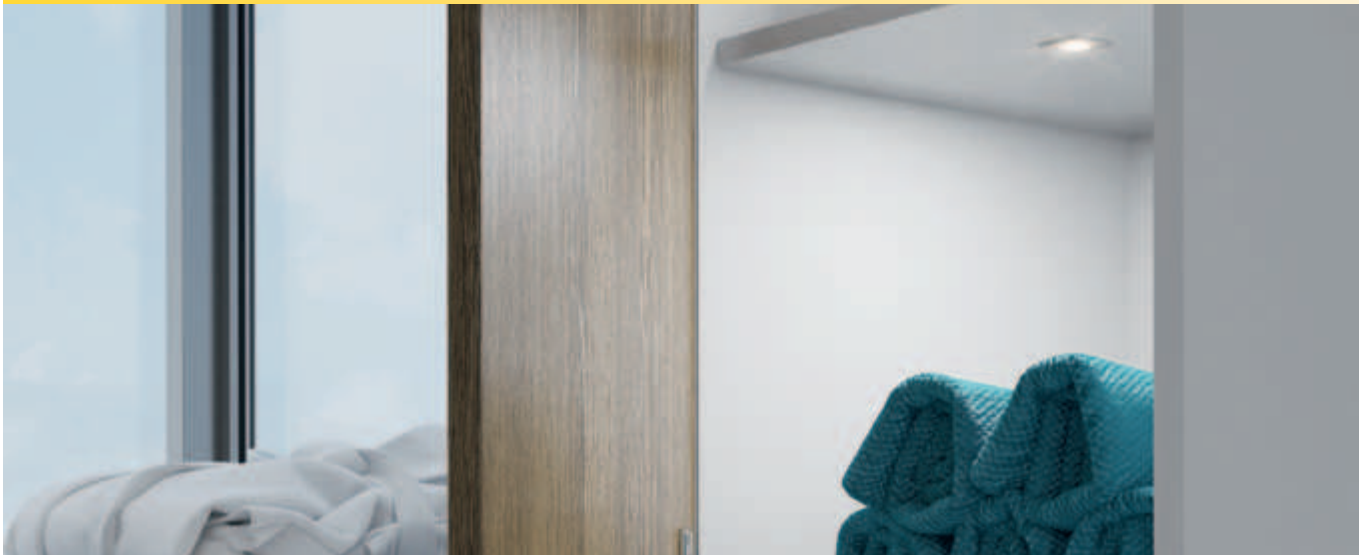
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Recess/surface mounted lights

Monochrome, drill hole Ø: 26 mm (1")



Häfele Loox LED 2023



- > Dimmable: Yes
- > Material: Aluminum
- > L x W: 30 x 30 mm (1 3/16" x 1 3/16")
- > Energy efficiency class: A+
- > Degree of protection: IP44 as recess mounted light
IP20 as surface mounted light
- > Number of LEDs: 3
- > Mounting: For mounting in drilled hole, for clamp fixing
- > Drill hole Ø: 26 mm (1")
- > Supplied with: 1 light with 2000 mm (78 3/4") lead

| 3000 K | 4000 K | 5000 K | 90° | |
|--------|--------|--------|-----|--------------------|
| 650 lx | 650 lx | 650 lx | | 250 mm (9 13/16") |
| 163 lx | 163 lx | 163 lx | | 500 mm (19 11/16") |
| 72 lx | 72 lx | 72 lx | | 750 mm (29 1/2") |
| 40 lx | 40 lx | 40 lx | | 1000 mm (39 3/8") |

12 V **5 12 V** Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.

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

Note
Loox lights and drivers are "Suitable for use within closet storage spaces"

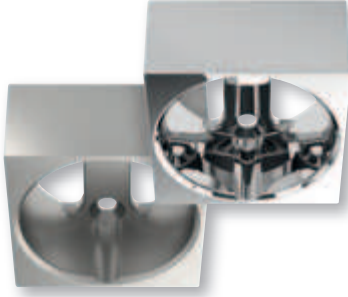
| V | Color temperature K | Wattage W | Luminous flux lm | Luminous efficacy lm/W | Color rendering index CRI R _a | Weighted energy consumpt. kWh/1000 h | Silver colored anodized | Polished chrome-plated |
|------|------------------------|--------------|---------------------|---------------------------|---|---|-------------------------|------------------------|
| 12 V | 3000 | 1.5 | 105 | 70 | 82 | 1.65 | 833.72.064 | 833.72.060 |
| | 4000 | 1.5 | 105 | 70 | 82 | 1.65 | 833.72.065 | 833.72.061 |
| | 5000 | 1.5 | 105 | 70 | 82 | 1.65 | 833.72.066 | 833.72.062 |

Recess/surface mounted lights

Monochrome, drill hole Ø: 26 mm (1")

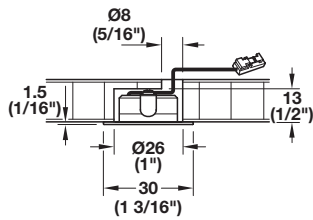


Häfele Loox LED 2023

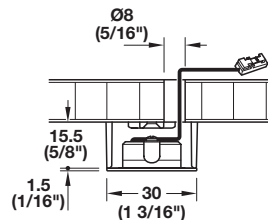


> Housing, square, Plastic

| Color | Item No. |
|----------------|------------|
| Silver colored | 833.72.834 |
| Chrome-plated | 833.72.835 |



Recess mounting



Surface Mounting



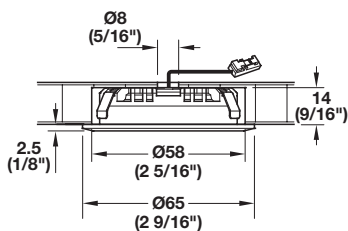
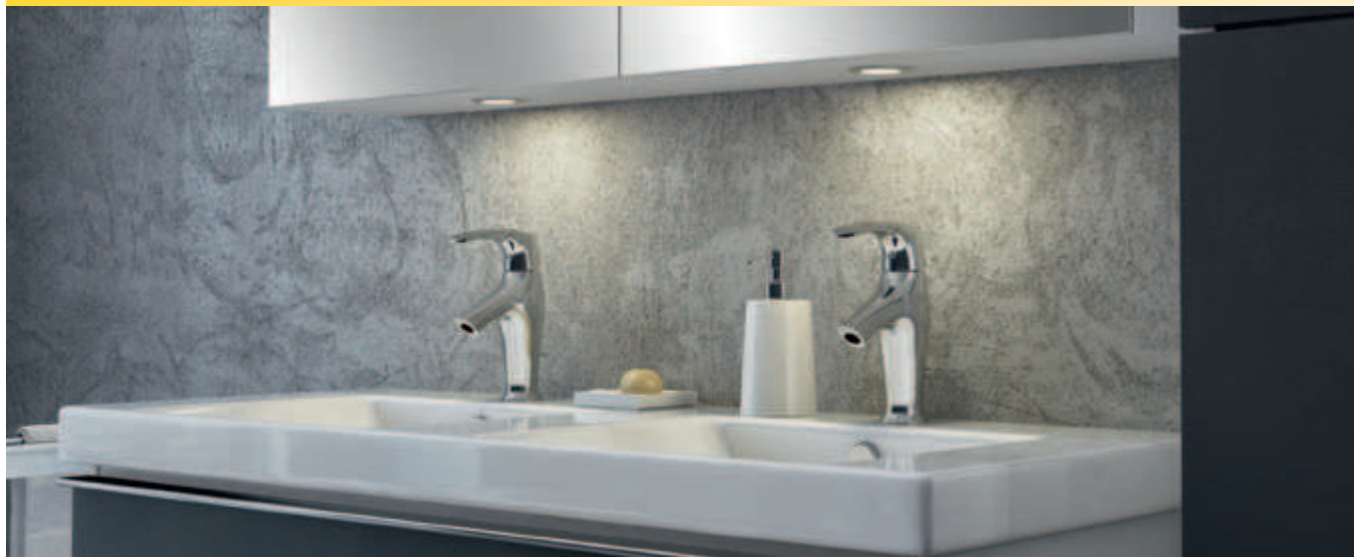
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Recess mounted lights

Monochrome, drill hole Ø: 58 mm (2 5/16")



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 (2 5/16")
- > Supplied with: 1 light with 4000 mm (157 1/2") lead



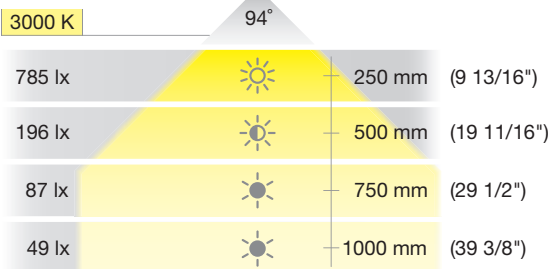
12 V 5 12 V

Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.



Note

Loox lights and drivers are "Suitable for use within closet storage spaces"



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

Recess mounted lights

Monochrome, sensor-controlled, drill hole Ø: 40 mm (1 9/16")



ILLUMINATING

EXTENDING

SWITCHING

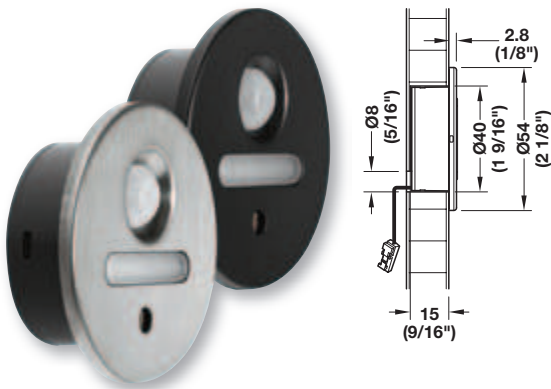
NETWORKING

DISTRIBUTING

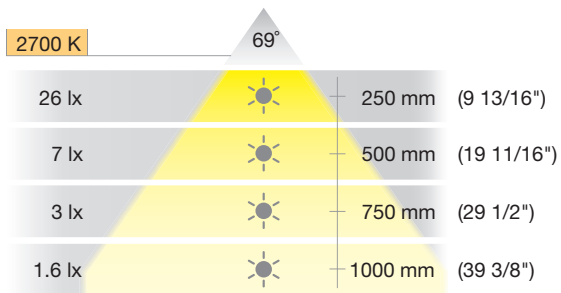
SUPPLYING



Häfele Loox LED 2028 - with motion detector



- > Not dimmable
- > Material: Stainless Steel, Plastic
- > Version: With motion detector active from ambient light less than 15 lx
- > Energy efficiency class: A+
- > Degree of protection: IP44
- > Delay time: approx. 2 min.
- > Sensor range: 0–3000 mm (0–9' 10 1/8")
- > Number of LEDs: 3
- > Mounting: For mounting in drilled hole
- > Drill hole Ø: 40 mm (1 9/16")
- > Supplied with: 1 light with 2000 mm (78 3/4") lead, fixing materials



12V 5 12V Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.

Note
 Loox lights and drivers are "Suitable for use within closet storage spaces"

| V | Color temperature | W | Luminous flux | Luminous efficacy | Color rendering index CRI | Weighted energy consumpt. | Black | Matt |
|------|-------------------|-----|---------------|-------------------|---------------------------|---------------------------|------------|------------|
| V | K | W | lm | lm/W | R _a | kWh/1000 h | | |
| 12 V | 2700 | 0.3 | 4 | 13 | 90 | 0.37 | 833.73.111 | 833.73.110 |

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



LooX5

Surface mounted lights

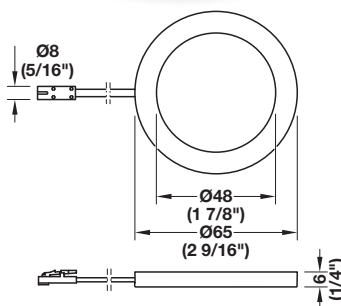
Monochrome, Ø 65 mm (2 9/16")



Häfele Loox LED 2050



EXTRA
SLIM
6 mm
(1/4")



- > Dimmable: Yes
- > Material/Color: Plastic, silver colored
- > Diameter: 65 mm (2 9/16")
- > Height: 6 mm (1/4")
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 8
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2000 mm (78 3/4") lead, fixing materials



12 V 5 12 V

Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.



24 V

Also available as 24 V light, see page 71



Note

Only use with Loox drivers.
Loox lights and drivers are "Suitable for use within closet storage spaces"

| 3000 K | 4000 K | 115° | |
|--------|--------|------|--------------------|
| 650 lx | 700 lx | | 250 mm (9 13/16") |
| 165 lx | 180 lx | | 500 mm (19 11/16") |
| 75 lx | 80 lx | | 750 mm (29 1/2") |
| 40 lx | 45 lx | | 1000 mm (39 3/8") |

| Voltage | Color temperature | Wattage | Luminous flux | Luminous efficacy | Color rendering index CRI | Weighted energy consumpt. | Item 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 |

Surface mounted lights

Monochrome, 65 x 65 mm (2 9/16" x 2 9/16")

ILLUMINATING

EXTENDING

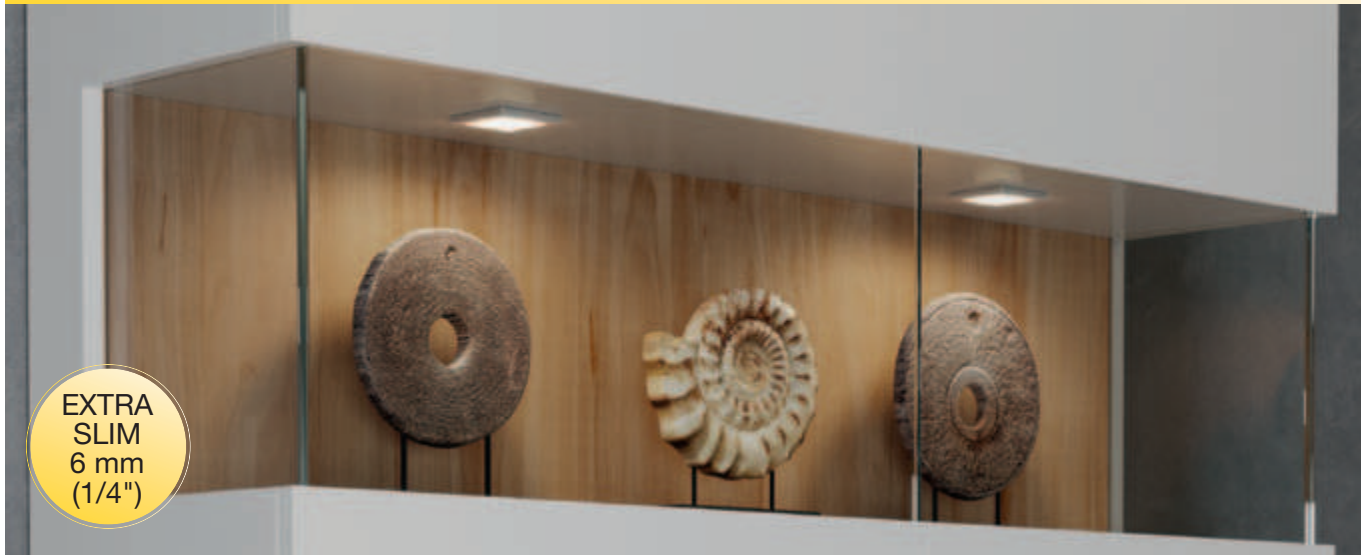
SWITCHING

NETWORKING

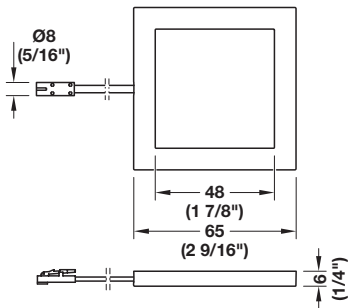
DISTRIBUTING

SUPPLYING

Häfele Loox LED 2051



EXTRA SLIM
6 mm
(1/4")



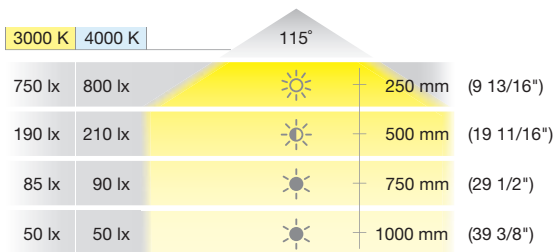
- > Dimmable: Yes
- > Material/Color: Plastic, silver colored
- > L x W: 65 x 65 mm (2 9/16" x 2 9/16")
- > Height: 6 mm (1/4")
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 8
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2000 mm (78 3/4") lead, fixing materials

12 V **5 12 V** Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.

24 V Also available as 24 V light, see page 72

Also available as RGB light (12 V or 24 V), see page 73

Note
Only use with Loox drivers.
Loox lights and drivers are "Suitable for use within closet storage spaces"



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

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

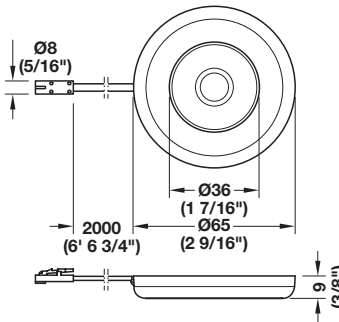
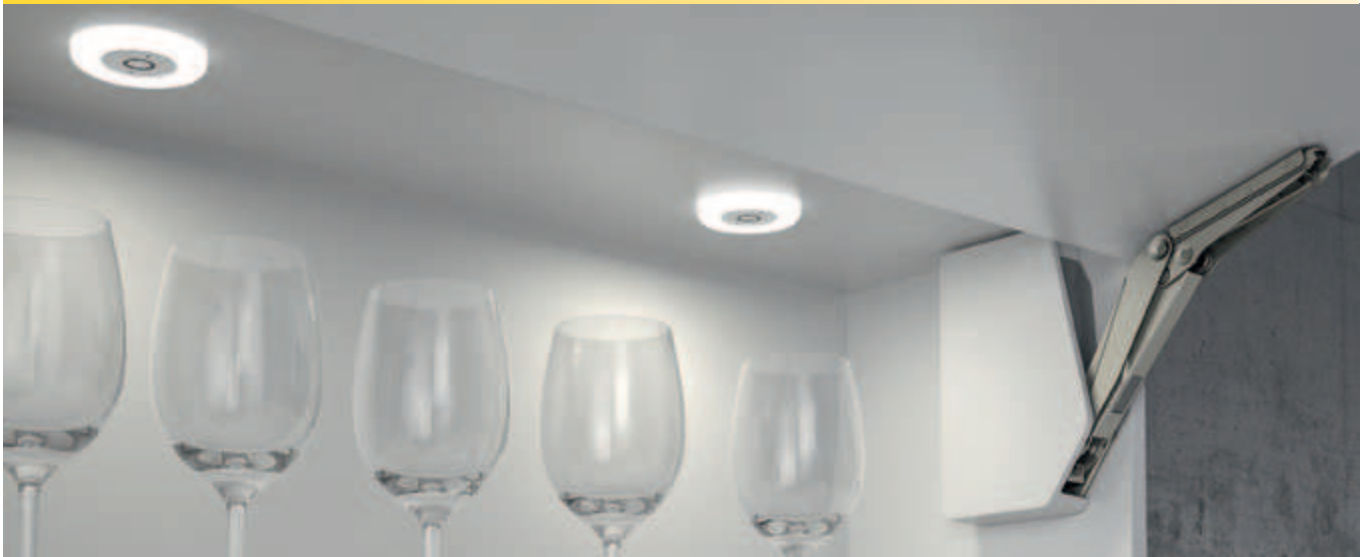


Surface mounted lights

Monochrome, Ø 65 mm (2 9/16")



Häfele Loox LED 2027



- > Dimmable: Yes
- > Material/Finish: Aluminum, silver colored, Plastic
- > Diameter: 65 mm (2 9/16")
- > Height: 9 mm (3/8")
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 27
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2000 mm (78 3/4") lead, fixing materials



12 V 5 12 V

Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.



Note

Loox lights and drivers are "Suitable for use within closet storage spaces"

| 3000 K | 4000 K | 5000 K | 117° | |
|--------|--------|--------|------|--------------------|
| 867 lx | 884 lx | 918 lx | | 250 mm (9 13/16") |
| 216 lx | 221 lx | 229 lx | | 500 mm (19 11/16") |
| 96 lx | 98 lx | 102 lx | | 750 mm (29 1/2") |
| 54 lx | 55 lx | 57 lx | | 1000 mm (39 3/8") |

| V | K | W | lm | lm/W | R _a | kWh/1000 h | Item No. |
|------|------|-----|-----|------|----------------|------------|------------|
| 12 V | 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 | 833.72.052 |

Flexible surface mounted lights

Monochrome with USB

ILLUMINATING



EXTENDING



SWITCHING



NETWORKING



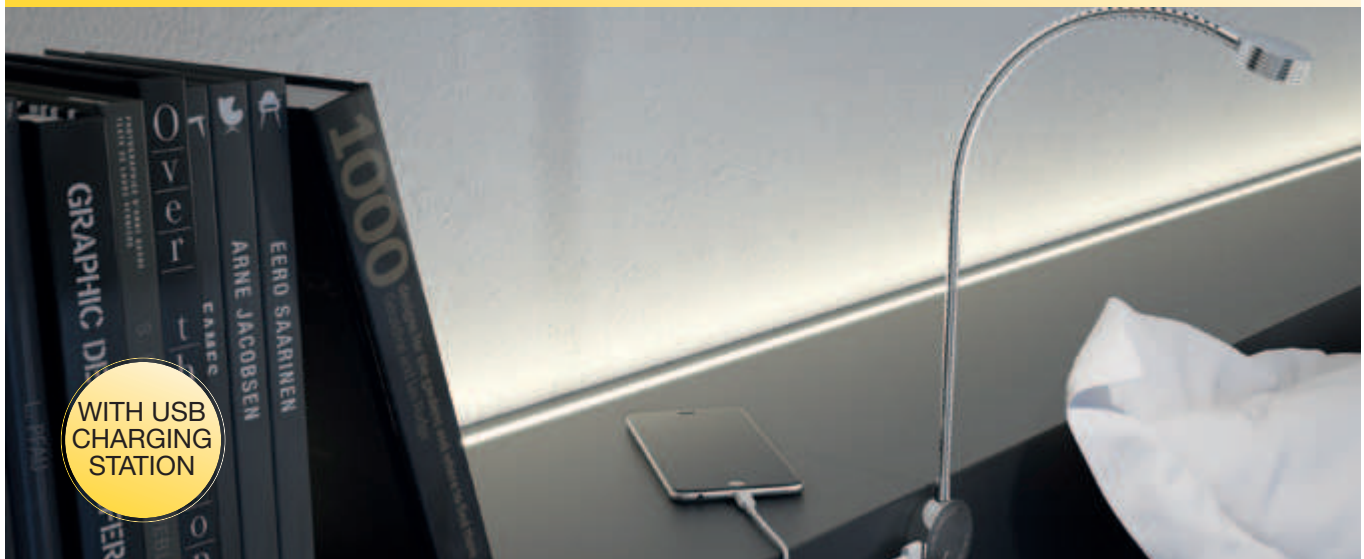
DISTRIBUTING



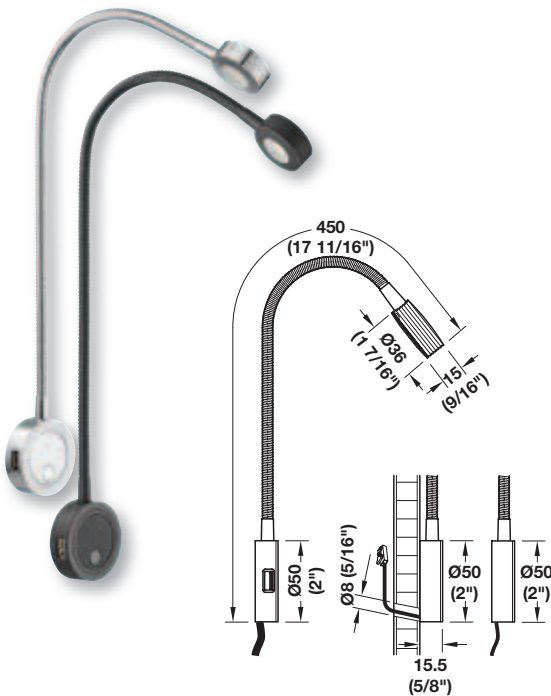
SUPPLYING



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: Aluminum
- > L x W: 450 x 50 mm (17 11/16" x 2")
- > Height: 15.5 mm (5/8")
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 3
- > Color 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 under magnetic cover
- > Supplied with: 1 light with 2000 mm (78 3/4") lead, including fixing materials

12 V 5 12 V Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.
Min. 20 W driver per light for optimum operation of the USB charging station.

Note
Loox lights and drivers are "Suitable for use within closet storage spaces"

| 4000 K | 90° | | |
|--------|-----|---------|-------------|
| 650 lx | | 250 mm | (9 13/16") |
| 163 lx | | 500 mm | (19 11/16") |
| 72 lx | | 750 mm | (29 1/2") |
| 40 lx | | 1000 mm | (39 3/8") |

| Voltage | Color rendering index CRI | Weighted energy consumpt. | Finish | Item No. |
|---------|---------------------------|---------------------------|------------------------|--------------------------|
| V | R _a | kWh/1000 h | | |
| 12 V | 82 | 1.65 | Black Chrome-plated | 833.74.097 833.74.096 |

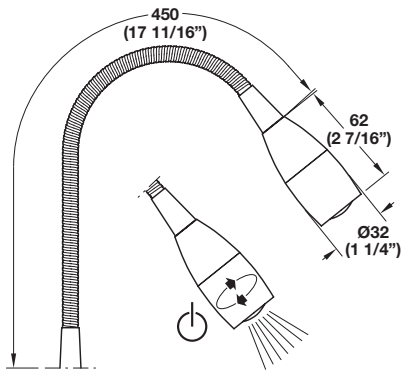
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



Flexible surface mounted lights

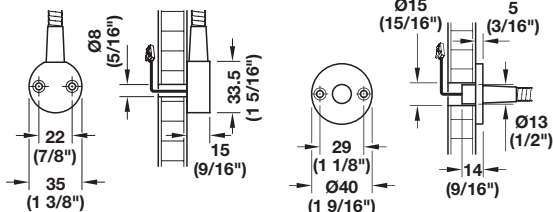
Monochrome

Häfele Loox LED 2018



Surface mounted

Recess mounted



Surface mounted

Recess mounted

3000 K

69°

| | | |
|---------|--|--------------------|
| 1249 lx | | 250 mm (9 13/16") |
| 312 lx | | 500 mm (19 11/16") |
| 139 lx | | 750 mm (29 1/2") |
| 78 lx | | 1000 mm (39 3/8") |

- > Not dimmable
- > Version: With integrated rotary switch on light head
- > Material/Finish: Aluminum, silver colored anodized
- > Diameter: 32 mm (1 1/4")
- > Energy efficiency class: A
- > Degree of protection: IP20
- > Number of LEDs: 1
- > Color 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 (1 3/8")
- > Supplied with: 1 LED light with 2000 mm (78 3/4") lead, fixing materials



12 V 5 12 V

Loox5 12 V driver see page 122

Please order 6-piece adapter set 833.95.753 separately, see page 114.

| Voltage V | Color rendering index CRI R_a | Weighted energy consumpt. kWh/1000 h | Length mm | Installation | Item No. |
|--------------|------------------------------------|---|-----------------|-----------------|-------------------|
| 12 V | 81 | 2.20 | 545.5 (21 1/2") | Surface mounted | 833.74.100 |
| | | | 526 (20 11/16") | Recessed | 833.74.110 |



Note

Loox lights and drivers are "Suitable for use within closet storage spaces"

Flexible surface mounted lights

Monochrome

ILLUMINATING

EXTENDING

SWITCHING

NETWORKING

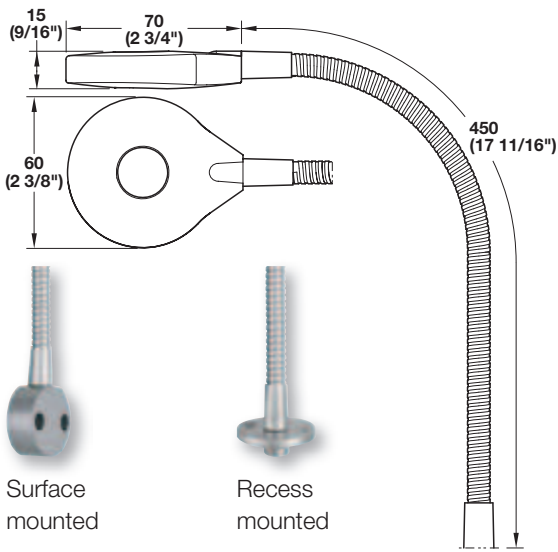
DISTRIBUTING

SUPPLYING

Häfele Loox LED 3018

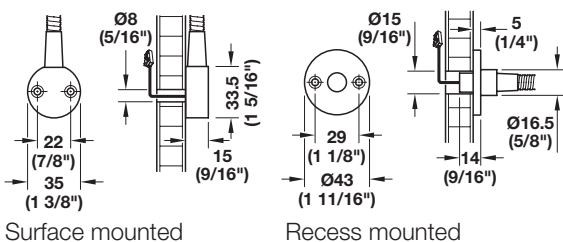


**DIMMABLE
BY FINGER
TOUCH**



- > Dimmable: Yes
- > Version: With integrated dimmer on light head
- > Material/Color: Plastic, silver colored
- > Ø x L: 60 x 520 mm (2 3/8" x 20 1/2")
- > Energy efficiency class: A
- > Degree of protection: IP20
- > Number of LEDs: 30
- > Color temperature: 4000 K
- > Wattage: 2.8 W
- > Luminous flux: 165 lm
- > Luminous efficacy: 59 lm/W
- > Supplied with: 1 LED light with 2000 mm (78 3/4") lead, fixing materials

Loox5 24 V driver see page 123
Please order 6-piece adapter set 833.77.838 separately, see page 114.



| Beam Angle | Light Intensity (lx) | Beam Diameter (mm) | Beam Diameter (inches) |
|------------|----------------------|--------------------|------------------------|
| 67° | 1807 lx | 250 mm | (9 13/16") |
| | 452 lx | 500 mm | (19 11/16") |
| | 201 lx | 750 mm | (29 1/2") |
| | 113 lx | 1000 mm | (39 3/8") |

| Voltage | Color rendering index CRI | Weighted energy consumpt. | Installation | Silver Colored | Black |
|---------|---------------------------|---------------------------|-----------------|----------------|------------|
| V | R _a | kWh/1000 h | | | |
| 24 V | 80 | 3.03 | Surface mounted | 833.77.001 | 833.77.004 |
| | | | Recessed | 833.77.000 | - |

Note
Loox lights and drivers are "Suitable for use within closet storage spaces"

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

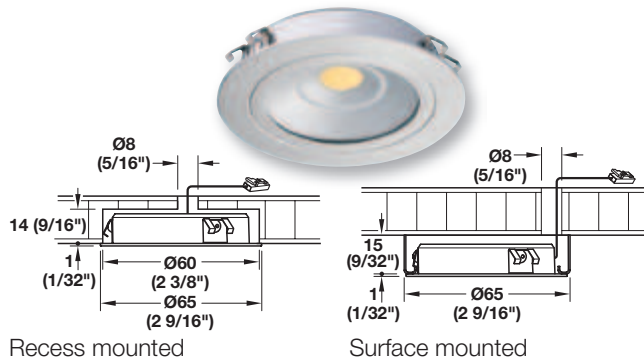
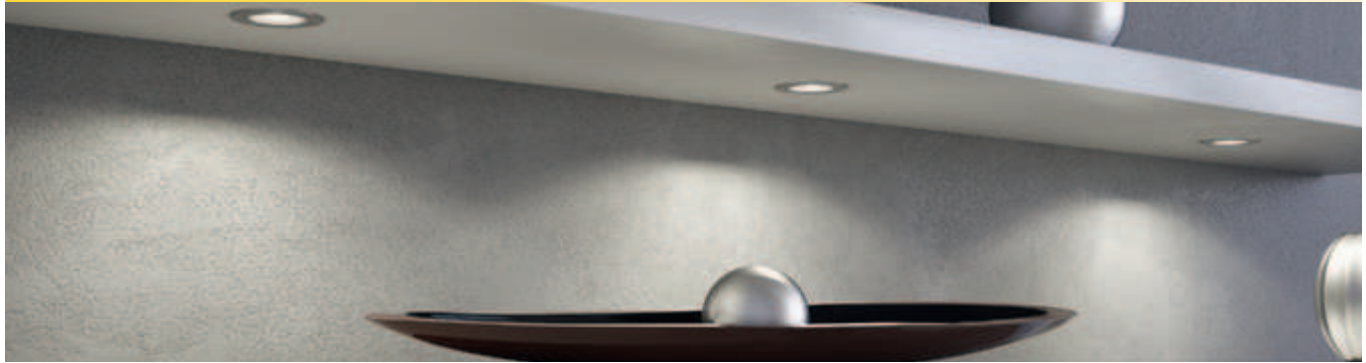


Recess/surface mounted lights

Monochrome, drill hole Ø: 60 mm (2 3/8")



Häfele Loox LED 3010



Recess mounted

Surface mounted

| 2700 K | 3000 K | 4000 K | 105° | |
|---------|---------|---------|------|--------------------|
| 1240 lx | 1240 lx | 1325 lx | | 250 mm (9 13/16") |
| 310 lx | 310 lx | 331 lx | | 500 mm (19 11/16") |
| 138 lx | 138 lx | 147 lx | | 750 mm (29 1/2") |
| 78 lx | 78 lx | 83 lx | | 1000 mm (39 3/8") |

24 V **5 24 V** Loox5 24 V driver see page 123
Please order 6-piece adapter set 833.77.838 separately, see page 114.

Note
When switching on the light, the power consumption briefly rises to 5 W per light. Please note when selecting the driver and controls. Use only with Loox drivers.
Loox lights and drivers are "Suitable for use within closet storage spaces"

- > Dimmable: Yes
- > Version: With frosted and clear glass covers
- > Material/Finish: Aluminum, silver colored anodized
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 1
- > Mounting: For mounting in drilled hole, for clamp or screw fixing
- > Drill hole Ø: 60 mm (2 3/8")
- > Supplied with: 1 light with glass clear/matt, 2000 mm (78 3/4") lead, fixing material



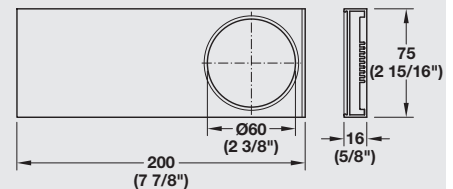
- > Surface mounted ring
- > Ø x H: Ø65 x 15 (2 9/16" x 9/16")
- > Material/Finish: Steel, silver colored

Item No.
833.77.730



- > Housing, for ring
- > Material/Finish: Steel, silver colored

Item No.
833.77.731



| Voltage | Color temp. | Wattage | Luminous flux | Luminous efficacy | Color rendering index CRI | Weighted energy consumpt. | Item No. |
|---------|-------------|---------|---------------|-------------------|---------------------------|---------------------------|-------------------|
| V | K | W | lm | lm/W | R _a | kWh/1000 h | |
| 24 V | 2700 | 3.25 | 250 | 77 | 90 | 3.58 | 833.75.063 |
| | 3000 | 3.25 | 267 | 82 | 90 | 3.58 | 833.75.062 |
| | 4000 | 3.25 | 271 | 83 | 90 | 3.58 | 833.75.064 |

Surface mounted lights

Monochrome, Ø 180 mm (7 1/16")

ILLUMINATING



EXTENDING



SWITCHING



NETWORKING



DISTRIBUTING



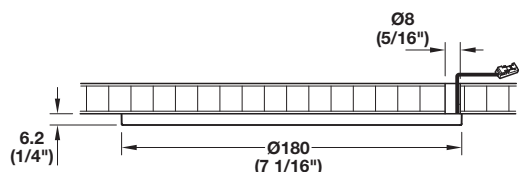
SUPPLYING



Häfele Loox LED 3023



EXTRA SLIM



- > Dimmable: Yes
- > Material/Color: Plastic, silver colored
- > Height: 6.2 mm (1/4")
- > Energy efficiency class: A++
- > Degree of protection: IP20
- > Number of LEDs: 77
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2000 mm (78 3/4") lead, fixing materials



Note

Use only with Loox drivers
Loox lights and drivers are "Suitable for use within closet storage spaces"



24 V 5 24 V

Loox5 24 V driver see page 123
Please order 6-piece adapter set 833.77.838 separately, see page 114.

| 3000 K | 4000 K | 110° | | |
|---------|---------|------|---------|-------------|
| 1874 lx | 2273 lx | | 250 mm | (9 13/16") |
| 468 lx | 568 lx | | 500 mm | (19 11/16") |
| 208 lx | 252 lx | | 750 mm | (29 1/2") |
| 117 lx | 142 lx | | 1000 mm | (39 3/8") |

| Voltage | Color temperature | Wattage | Luminous flux | Luminous efficacy | Color rendering index CRI | Weighted energy consumpt. | Item 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 |

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



Surface mounted lights

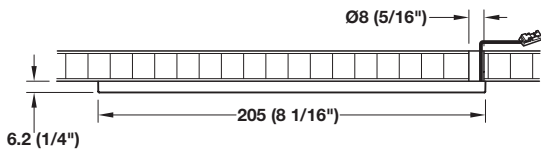
Monochrome, 205 x 205 mm (8 1/16" x 8 1/16")



Häfele Loox LED 3025



EXTRA
SLIM



- > Dimmable: Yes
- > Material/Color: Plastic, silver colored
- > L x W: 205 x 205 mm (8 1/16" x 8 1/16")
- > Height: 6.2 mm (1/4")
- > Energy efficiency class: A++
- > Degree of protection: IP20
- > Number of LEDs: 70
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2000 mm (78 3/4") lead, fixing materials

Note



Use only with Loox drivers

Loox lights and drivers are "Suitable for use within closet storage spaces"



24 V 5 24 V

Loox5 24 V driver see page 123

Please order 6-piece adapter set 833.77.838 separately, see page 114.

| 3000 K | 4000 K | 110° | |
|---------|---------|--------------------|--|
| 2153 lx | 2581 lx | 250 mm (9 13/16") | |
| 538 lx | 645 lx | 500 mm (19 11/16") | |
| 239 lx | 286 lx | 750 mm (29 1/2") | |
| 134 lx | 161 lx | 1000 mm (39 3/8") | |

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

Surface mounted lights

Monochrome, Ø 65 mm (2 9/16")

ILLUMINATING

EXTENDING

SWITCHING

NETWORKING

DISTRIBUTING

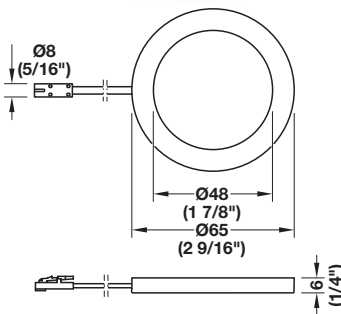
SUPPLYING



Häfele Loox LED 3035



EXTRA SLIM
6 mm
(1/4")



- > Dimmable: Yes
- > Material/Color: Plastic, silver colored
- > Diameter: 65 mm (2 9/16")
- > Height: 6 mm (1/4")
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 8
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2000 mm (78 3/4") lead, including fixing materials

Note

! Use only with Loox drivers
Loox lights and drivers are "Suitable for use within closet storage spaces"

! **24 V** **5 24 V** Loox5 24 V driver see page 123
Please order 6-piece adapter set 833.77.838 separately, see page 114.

! **12 V** Also available as 12 V light, see page 62

| 3000 K | 4000 K | 115° | | |
|--------|--------|------|---------|-------------|
| 650 lx | 700 lx | | 250 mm | (9 13/16") |
| 165 lx | 180 lx | | 500 mm | (19 11/16") |
| 75 lx | 80 lx | | 750 mm | (29 1/2") |
| 40 lx | 45 lx | | 1000 mm | (39 3/8") |

| V | K | W | lm | lm/W | R _a | kWh/1000 h | Item No. |
|------|------|-----|-----|------|----------------|------------|------------|
| 24 V | 3000 | 2.5 | 170 | 68 | 90 | 2.75 | 833.77.190 |
| | 4000 | 2.5 | 180 | 72 | 90 | 2.75 | 833.77.191 |

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



Surface mounted lights

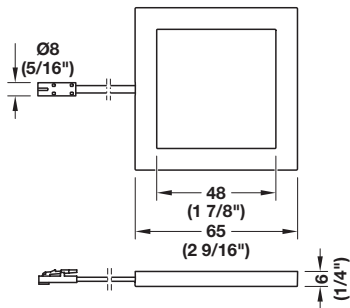
Monochrome, 65 x 65 mm (2 9/16" x 2 9/16")



Häfele Loox LED 3036



EXTRA
SLIM
6 mm
(1/4")



- > Dimmable: Yes
- > Material/Color: Plastic, silver colored
- > L x W: 65 x 65 mm (2 9/16" x 2 9/16")
- > Height: 6 mm (1/4")
- > Energy efficiency class: A+
- > Degree of protection: IP20
- > Number of LEDs: 8
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2000 mm (78 3/4") lead, fixing materials

Note



Use only with Loox drivers
Loox lights and drivers are "Suitable for use within closet storage spaces"



24 V 5 24 V

Loox5 24 V driver see page 123
Please order 6-piece adapter set 833.77.838 separately, see page 114.



12 V

Also available as 12 V light, see page 63



Also available as RGB light (12 V or 24 V), see page 73

| 3000 K | 4000 K | 115° | | |
|--------|--------|------|---------|-------------|
| 750 lx | 800 lx | | 250 mm | (9 13/16") |
| 190 lx | 210 lx | | 500 mm | (19 11/16") |
| 85 lx | 90 lx | | 750 mm | (29 1/2") |
| 50 lx | 50 lx | | 1000 mm | (39 3/8") |

| Voltage | Color temperature | Wattage | Luminous flux | Luminous efficacy | Color rendering index CRI | Weighted energy consumpt. | Item 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 |

Surface mounted lights

RGB, 65 x 65 mm (2 9/16" x 2 9/16")

ILLUMINATING

EXTENDING

SWITCHING

NETWORKING

DISTRIBUTING

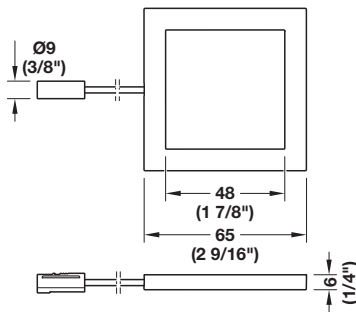
SUPPLYING



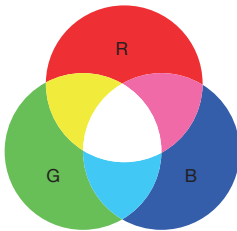
Häfele Loox5 LED 2081 / 3081



EXTRA SLIM
6 mm
(1/4")



Color mixing



- > Material: Plastic
- > L x W: 65 x 65 mm (2 9/16" x 2 9/16")
- > Height: 6 mm (1/4")
- > Degree of protection: IP20
- > Refraction angle: 115°
- > Mounting: For screw fixing
- > Supplied with: 1 light with 2000 mm (78 3/4") lead, fixing materials



5 12V

Loox5 12 V driver see page 122

5 24V

Loox5 24 V driver see page 123



Note

Loox lights and drivers are "Suitable for use within closet storage spaces"



Color control only via 6-way distributor Häfele Connect Mesh with RGB adapter and remote control or smartphone. Please order separately, see Networking, page 97.

RGB lights

- > Mix any combination of intensive light colors
- > Creative decorative effects
- > Create an invigorating or relaxing atmosphere

| Voltage V | Number of LEDs | Color temp. K | Wattage W | Luminous flux lm | Luminous efficacy lm/W | Weighted energy consumpt. kWh/1000 h | Item 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 |

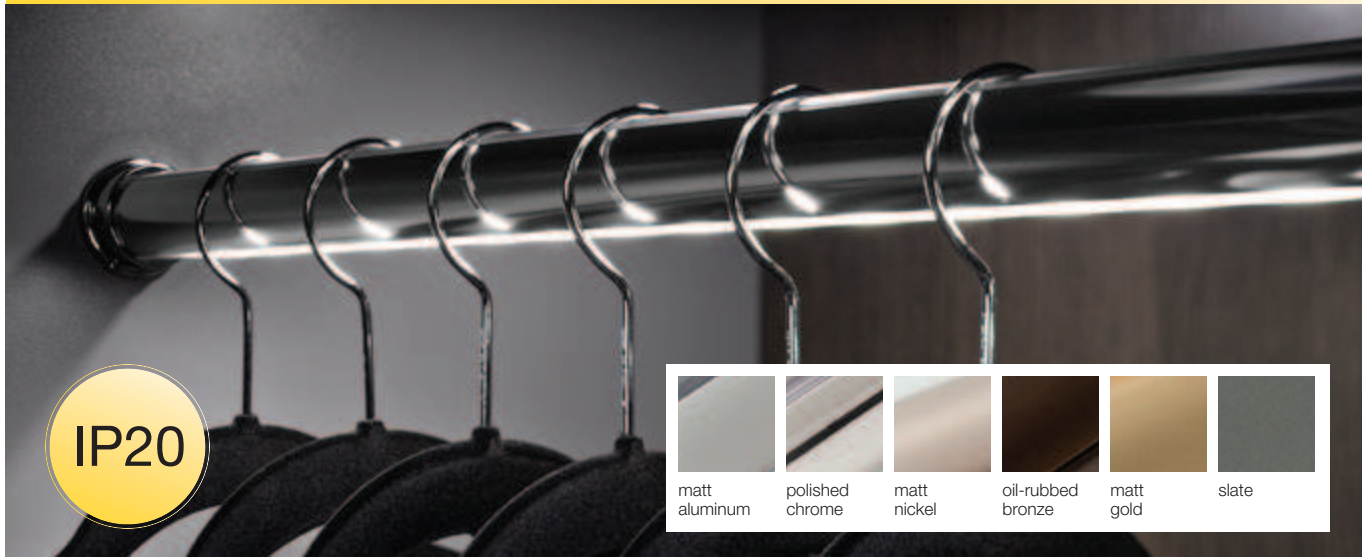
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Elite wardrobe tube profiles

Aluminum



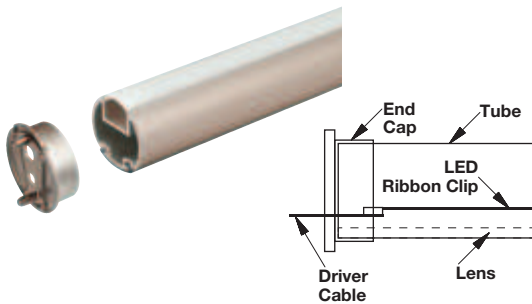
Häfele Loox LED 2037



IP20



matt aluminum polished chrome matt nickel oil-rubbed bronze matt gold slate



- > CRI 90 lights are Title 24 compliant
- > CRI 90 lights offer more vibrant, true color rendering than lower CRI products
- > A great way to brighten up your closet space
- > 2 color temperatures available
- > 6 finishes to choose from
- > Comes ready to install
- > Tube is cut 6 mm (1/4") shorter than nominal size to allow room for end caps and driver cable exit
- > Degree of protection: IP20

| 3000 K | 4000 K | 120° | | |
|--------|--------|------|---------|-------------|
| 816 lx | 901 lx | | 250 mm | (9 13/16") |
| 204 lx | 225 lx | | 500 mm | (19 11/16") |
| 91 lx | 100 lx | | 750 mm | (29 1/2") |
| 51 lx | 56 lx | | 1000 mm | (39 3/8") |

Note



Position cable around and out of tube between lens and end cap or through end cap exit hole.
Loox lights and drivers are "Suitable for use within closet storage spaces"



12V 512V

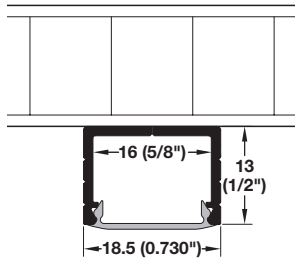
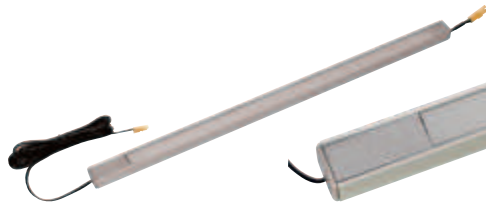
Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.

| | 833.71.032 | 833.71.033 | 833.71.034 | 833.71.035 | 833.71.024 | 833.71.025 | 833.71.026 | 833.71.027 |
|--------------------------|--|------------|------------|------------|--------------------------|------------|------------|------------|
| Matt aluminum | 833.71.032 | 833.71.033 | 833.71.034 | 833.71.035 | 833.71.024 | 833.71.025 | 833.71.026 | 833.71.027 |
| Polished chrome | 833.71.064 | 833.71.065 | 833.71.066 | 833.71.067 | 833.71.056 | 833.71.057 | 833.71.058 | 833.71.059 |
| Matt nickel | 830.28.780 | 830.28.781 | 830.28.782 | 830.28.783 | 830.28.785 | 830.28.786 | 830.28.787 | 830.28.788 |
| Oil-rubbed bronze | 833.71.048 | 833.71.049 | 833.71.050 | 833.71.051 | 833.71.040 | 833.71.041 | 833.71.042 | 833.71.043 |
| Matt gold | 833.71.916 | 833.71.917 | 833.71.918 | 833.71.919 | 833.71.912 | 833.71.913 | 833.71.914 | 833.71.915 |
| Slate | 830.28.810 | 830.28.811 | 830.28.812 | 830.28.813 | 830.28.814 | 830.28.815 | 830.28.816 | 830.28.817 |
| Light Color (K) | 3000 (warm white) | | | | 4000 (cool white) | | | |
| Length | 457 (18") | 610 (24") | 762 (30") | 915 (36") | 457 (18") | 610 (24") | 762 (30") | 915 (36") |
| Wattage | 1.8 | 2.4 | 3.1 | 3.7 | 1.8 | 2.4 | 3.1 | 3.7 |
| Lumen | 146 | 195 | 243 | 292 | 146 | 195 | 243 | 292 |
| CRI | 90* | | | | | | | |
| Material | Aluminum | | | | | | | |
| Supplied with | Tube, lens, Loox 2037 flexible strip light, 2000 mm (78 3/4") driver cable, 2 end caps | | | | | | | |

Surface mounted strip lights

With inline dimmer switch

Häfele Loox LED 2029



- > CRI 90 lights are Title 24 compliant
- > CRI 90 lights offer more vibrant, true color rendering than lower CRI products
- > Life time: 30,000 hours
- > Supplied ready to install
- > Optimal lengths for installing under your wall cabinets to brighten up your countertop workspace
- > Linkable to other light bars refer to page 76



12 V 5 12 V

Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.



Note

Loox lights and drivers are "Suitable for use within closet storage spaces"

3000 K 4000 K 120°

| | | | | |
|---------|---------|--|---------|-------------|
| 2090 lx | 2215 lx | | 250 mm | (9 13/16") |
| 522 lx | 554 lx | | 500 mm | (19 11/16") |
| 232 lx | 246 lx | | 750 mm | (29 1/2") |
| 130 lx | 138 lx | | 1000 mm | (39 3/8") |

| Light Color (K) | 3000 (warm white) | | | | 4000 (cool white) | | | |
|-----------------|--|------------|------------|------------|-------------------|------------|------------|------------|
| | 85 | | | | 85 | | | |
| Lumen per watt | 85 | | | | 85 | | | |
| CRI | 90* | | | | 90* | | | |
| Item No. | 833.73.530 | 833.73.532 | 833.71.213 | 833.73.534 | 833.73.550 | 833.73.552 | 833.71.218 | 833.73.554 |
| Length | 152 (6") | 229 (9") | 305 (12") | 381 (15") | 152 (6") | 229 (9") | 305 (12") | 381 (15") |
| Wattage | 0.7 | 1.5 | 2.4 | 2.9 | 0.7 | 1.5 | 2.4 | 2.9 |
| LEDs | 9 | 18 | 27 | 36 | 9 | 18 | 27 | 36 |
| Lumen | 62 | 124 | 186 | 249 | 62 | 124 | 186 | 249 |
| Item No. | 833.73.536 | 833.73.538 | 833.71.214 | 833.73.540 | 833.73.556 | 833.73.558 | 833.71.219 | 833.73.562 |
| Length | 457 (18") | 533 (21") | 610 (24") | 686 (27") | 457 (18") | 533 (21") | 610 (24") | 686 (27") |
| Wattage | 3.7 | 4.4 | 5.4 | 5.9 | 3.7 | 4.4 | 5.4 | 5.9 |
| LEDs | 45 | 54 | 63 | 72 | 45 | 54 | 63 | 72 |
| Lumen | 311 | 373 | 435 | 497 | 311 | 373 | 435 | 497 |
| Item No. | 833.71.215 | 833.73.542 | 833.71.216 | 833.73.544 | 833.71.220 | 833.73.564 | 833.71.221 | 833.73.566 |
| Length | 762 (30") | 832 (33") | 915 (36") | 991 (39") | 762 (30") | 832 (33") | 915 (36") | 991 (39") |
| Wattage | 6.8 | 7.3 | 8.3 | 8.8 | 6.8 | 7.3 | 8.3 | 8.8 |
| LEDs | 81 | 90 | 99 | 108 | 81 | 90 | 99 | 108 |
| Lumen | 559 | 622 | 683 | 746 | 559 | 622 | 683 | 746 |
| Item No. | 833.71.217 | | 833.73.546 | | 833.71.222 | | 833.73.568 | |
| Length | 1067 (42") | | 1143 (45") | | 1067 (42") | | 1143 (45") | |
| Wattage | 9.7 | | 10.2 | | 9.7 | | 10.2 | |
| LEDs | 117 | | 126 | | 117 | | 126 | |
| Lumen | 807 | | 870 | | 807 | | 870 | |
| Material | Aluminum, clear anodized; Lens: milk | | | | | | | |
| Supplied with | 2000 mm (78 3/4") driver connection cable with integrated switch, 100 mm (4") female mini driver cable, mounting brackets, screws, two-sided mounting tape | | | | | | | |

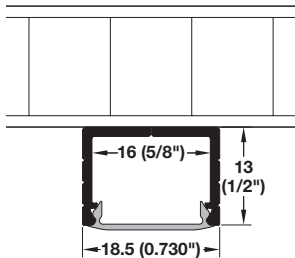
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Surface mounted strip lights

With linkable cable



Häfele Loox LED 2029



- > CRI 90 lights are Title 24 compliant
- > CRI 90 lights offer more vibrant, true color rendering than lower CRI products
- > Life time: 30,000 hours
- > Supplied ready to install
- > Optimal lengths for installing under your wall cabinets to brighten up your countertop workspace
- > Linkable to other light bars refer to page 75



12V **512V**

Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.



Note

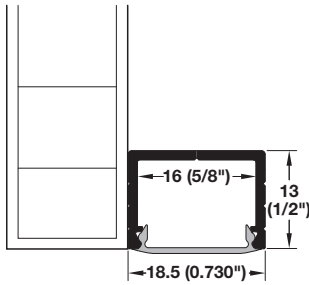
Loox lights and drivers are "Suitable for use within closet storage spaces"

| 3000 K | 4000 K | 120° | |
|---------|---------|------|--------------------|
| 2090 lx | 2215 lx | | 250 mm (9 13/16") |
| 522 lx | 554 lx | | 500 mm (19 11/16") |
| 232 lx | 246 lx | | 750 mm (29 1/2") |
| 130 lx | 138 lx | | 1000 mm (39 3/8") |

| Light Color (K) Lumen per watt CRI | 3000 (warm white) | | | | 4000 (cool white) | | | |
|--|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | 85 90* | | | | | | | |
| Item No. | 833.73.531 | 833.73.533 | 833.71.223 | 833.73.535 | 833.73.551 | 833.73.553 | 833.71.228 | 833.73.555 |
| Length | 152 (6") | 229 (9") | 305 (12") | 381 (15") | 152 (6") | 229 (9") | 305 (12") | 381 (15") |
| Wattage | 1.0 | 1.7 | 2.9 | 3.2 | 1.0 | 1.7 | 2.9 | 3.2 |
| LEDs | 12 | 21 | 30 | 39 | 12 | 21 | 30 | 39 |
| Lumen | 83 | 145 | 207 | 269 | 83 | 145 | 207 | 269 |
| Item No. | 833.73.537 | 833.73.539 | 833.71.224 | 833.73.541 | 833.73.557 | 833.73.559 | 833.71.229 | 833.73.563 |
| Length | 457 (18") | 533 (21") | 610 (24") | 686 (27") | 457 (18") | 533 (21") | 610 (24") | 686 (27") |
| Wattage | 3.9 | 4.6 | 5.8 | 6.1 | 3.9 | 4.6 | 5.8 | 6.1 |
| LEDs | 48 | 57 | 66 | 75 | 48 | 57 | 66 | 75 |
| Lumen | 332 | 394 | 455 | 518 | 332 | 394 | 455 | 518 |
| Item No. | 833.71.225 | 833.73.543 | 833.71.226 | 833.73.545 | 833.71.230 | 833.73.565 | 833.71.231 | 833.73.567 |
| Length | 762 (30") | 832 (33") | 915 (36") | 991 (39") | 762 (30") | 832 (33") | 915 (36") | 991 (39") |
| Wattage | 7.3 | 7.6 | 8.8 | 9.0 | 7.3 | 7.6 | 8.8 | 9.0 |
| LEDs | 84 | 93 | 102 | 111 | 84 | 93 | 102 | 111 |
| Lumen | 580 | 642 | 704 | 767 | 580 | 642 | 704 | 767 |
| Item No. | 833.71.227 | | 833.73.547 | | 833.71.232 | | 833.73.569 | |
| Length | 1067 (42") | | 1143 (45") | | 1067 (42") | | 1143 (45") | |
| Wattage | 10.2 | | 10.5 | | 10.2 | | 10.5 | |
| LEDs | 120 | | 129 | | 120 | | 129 | |
| Lumen | 828 | | 891 | | 828 | | 891 | |
| Material | Aluminum, clear anodized; Lens: milk | | | | | | | |
| Supplied with | 100 mm (4") male mini driver cable, 100 mm (4") female mini driver cable, mounting brackets, screws, two-sided mounting tape | | | | | | | |

Surface mounted drawer lights

Häfele Loox LED 2037



- > CRI 90 lights are Title 24 compliant
- > CRI 90 lights offer more vibrant, true color rendering than lower CRI products
- > Life time: 30,000 hours
- > Supplied ready to install
- > Optimal lengths for installing behind face frames in drawer applications



12V **5** 12V

Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.



Note

Loox lights and drivers are "Suitable for use within closet storage spaces"



> Optional brackets for frameless cabinet mounting

| Version | Item No. |
|--------------------|-------------------|
| Light bar clip | 260.26.932 |
| Surface mount clip | 260.26.934 |

| 3000 K | 4000 K | 120° | | |
|--------|--------|------|---------|-------------|
| 816 lx | 901 lx | | 250 mm | (9 13/16") |
| 204 lx | 225 lx | | 500 mm | (19 11/16") |
| 91 lx | 100 lx | | 750 mm | (29 1/2") |
| 51 lx | 56 lx | | 1000 mm | (39 3/8") |

| Light Color (K) | 4000 (cool white) | | | 3000 (warm white) | | |
|-----------------------|--|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Item No. | Item No. | Item No. | Item No. | Item No. | Item No. |
| Lumen per watt | 85 | | | 80 | | |
| CRI | 90* | | | 90* | | |
| Item No. | 833.71.310 | 833.71.311 | 833.71.312 | 833.71.320 | 833.71.321 | 833.71.322 |
| Length | 229 (9") | 305 (12") | 381 (15") | 229 (9") | 305 (12") | 381 (15") |
| Wattage | 0.8 | 1.1 | 1.4 | 0.8 | 1.1 | 1.4 |
| LEDs | 24 | 33 | 42 | 24 | 33 | 42 |
| Lumen | 68 | 94 | 119 | 64 | 88 | 112 |
| Item No. | 833.71.313 | 833.71.314 | 833.71.315 | 833.71.323 | 833.71.324 | 833.71.325 |
| Length | 457 (18") | 533 (21") | 610 (24") | 457 (18") | 533 (21") | 610 (24") |
| Wattage | 1.7 | 2.0 | 2.3 | 1.7 | 2.0 | 2.3 |
| LEDs | 51 | 60 | 69 | 51 | 60 | 69 |
| Lumen | 145 | 170 | 196 | 136 | 160 | 184 |
| Item No. | 833.71.316 | 833.71.317 | 833.71.318 | 833.71.326 | 833.71.327 | 833.71.328 |
| Length | 686 (27") | 762 (30") | 832 (33") | 686 (27") | 762 (30") | 832 (33") |
| Wattage | 2.6 | 2.9 | 3.2 | 2.6 | 2.9 | 3.2 |
| LEDs | 78 | 87 | 96 | 78 | 87 | 96 |
| Lumen | 221 | 247 | 272 | 208 | 232 | 256 |
| Item No. | 833.71.319 | | | 833.71.329 | | |
| Length | 915 (36") | | | 915 (36") | | |
| Wattage | 3.5 | | | 3.5 | | |
| LEDs | 105 | | | 105 | | |
| Lumen | 298 | | | 280 | | |
| Material | Aluminum, clear anodized; Lens: milk | | | | | |
| Supplied with | 50 mm (2") male mini driver cable, mounting brackets | | | | | |

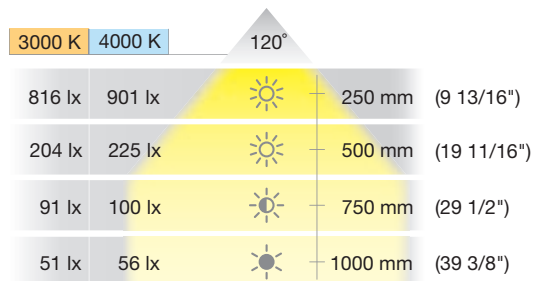
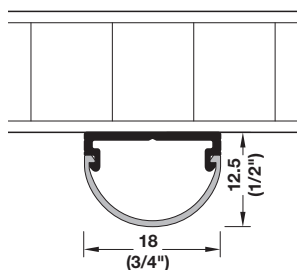
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Surface mounted drawer light

With IR sensor



Häfele Loox LED 2037



- > CRI 90 lights are Title 24 Compliant
- > CRI 90 lights offer more vibrant, true color rendering than lower CRI products
- > Lifetime: 30,000 hours
- > Supplied ready to install
- > Optimal lengths for installing behind face frames and in frameless cabinets for drawer applications (brackets required)
- > W x H: 18 x 12.5 mm (3/4" x 1/2")

Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.

Note
 Loox lights and drivers are "suitable for use within closet storage spaces"

+ **Drawer light bar clip**
> Optional brackets for frameless cabinet mounting

| | |
|--|-------------------|
| | Item No. |
| | 260.26.933 |

| Light Color (K) | 4000 (cool white) | | | 3000 (warm white) | | |
|-----------------|--|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Lumen per watt | CRI | | Lumen per watt | CRI | |
| 4000 | 85 | 90* | | 80 | 90* | |
| Item No. | 833.73.811 | 833.73.608 | 833.73.600 | 833.73.810 | 833.73.609 | 833.73.604 |
| Length | 250 (10") | 330 (13") | 406 (16") | 250 (10") | 330 (13") | 406 (16") |
| Wattage | 0.73 | 1.03 | 1.33 | 0.73 | 1.03 | 1.33 |
| LEDs | 21 | 30 | 39 | 21 | 30 | 39 |
| Lumen | 60 | 85 | 111 | 56 | 80 | 104 |
| Item No. | 833.73.601 | 833.73.602 | 833.73.603 | 833.73.605 | 833.73.606 | 833.73.607 |
| Length | 559 (22") | 711 (28") | 864 (34") | 559 (22") | 711 (28") | 864 (34") |
| Wattage | 1.93 | 2.53 | 3.13 | 1.93 | 2.53 | 3.13 |
| LEDs | 60 | 75 | 96 | 60 | 75 | 96 |
| Lumen | 170 | 213 | 272 | 160 | 200 | 256 |
| Material | Aluminum, clear anodized; Lens: milk | | | | | |
| Supplied with | 2000 mm (78 3/8") cable, mounting brackets | | | | | |

Bath fixtures



Häfele multi-functional mirror



IP44



Touch Control Icons:



- > Make-up lighting, mood lighting, demister to prevent the mirror from steaming up and a sound system in one product
- > Pre-configured mirror unit is easy to install
- > Integrated touch switch on mirror surface allows for easy cleaning
- > Demister stand-by after 45 min.

- > Lighting a front color temperature/color rendering index: 2700/4000 K, >90
Memory function for previously selected mirror color.
- > Background lighting color temperature/color rendering index: 2700 K, >90
- > Nominal voltage: DC 12 V
- > Input voltage: 100–240 V; 50–60 Hz
- > Designer touch switch stand-by/Operation: blue, warm white, red
- > Sound system/password: Bluetooth® sound transducer, 0000
- > Material: Mirror: Glass, LED profile: Aluminum
- > Mounting: Vertically or horizontally
- > Supplied with: Drilling template, connection lead for 90° AC plug, z-bracket, fixing material

Note
 The mirror is equipped with built-in LED lights that cannot be replaced. LED lights energy efficiency: Class A

| W x H x D | Lumen | Wattage | Item No. |
|--|-------|---------|-------------------|
| 900 x 600 x 54 (35 7/16" x 23 5/8" x 2 1/8") | 1080 | 95 | 983.19.510 |
| 900 x 900 x 54 (35 7/16" x 35 7/16" x 2 1/8") | 1300 | 102 | 983.19.520 |
| 1200 x 900 x 54 (47 1/4" x 35 7/16" x 2 1/8") | 1560 | 111 | 983.19.530 |

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

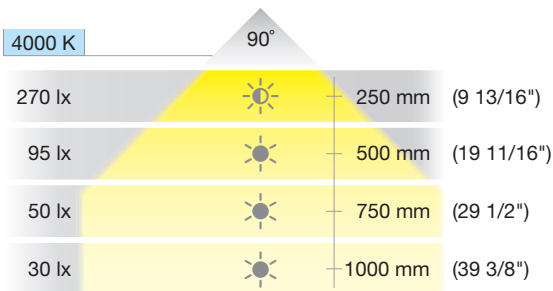
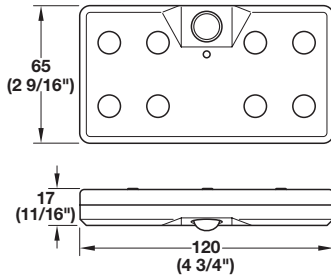


Surface mounted light

Battery-operated light, monochrome, 120 x 65 mm (4 3/4" x 2 9/16")



Häfele Loox LED 9004



- > Version: With motion detector, twilight switch with built-in rechargeable lithium-ion battery
- > Material/Color: Plastic, silver colored
- > L x W: 120 x 65 mm (4 3/4" x 2 9/16")
- > Height: 17 mm (11/16")
- > Energy efficiency class: A++
- > Degree of protection: IP20
- > Number of LEDs: 8
- > Sensor range: 0–2000 mm (0–78 3/4")
- > 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

| Color temperature K | Wattage W | Luminous flux lm | Luminous efficacy lm/W | Color rendering index CRI R _a | Item No. |
|------------------------|--------------|---------------------|---------------------------|---|------------|
| 4000 | 0.8 | 55 | 69 | >90 | 833.87.021 |

Drawer light

Battery-operated light, monochrome length 300 mm (11 13/16")

ILLUMINATING



EXTENDING



SWITCHING



NETWORKING



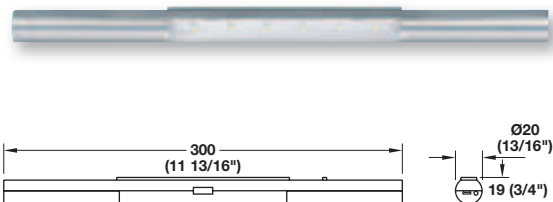
DISTRIBUTING



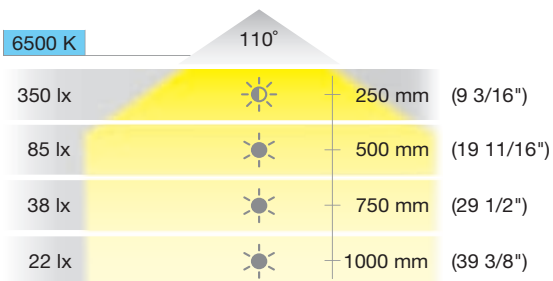
SUPPLYING



Häfele Loox LED 9005



- > Version: With automatic shut-off
- > Material: Plastic
- > Diameter: 20 mm (13/16")
- > Length: 300 mm (11 13/16")
- > 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 slid onto the mounting plate
- > Supplied with: 1 light with mounting plate for screw fixing and 0.8 m (31 1/2") micro-USB cable



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

| Color temperature K | Wattage W | Luminous flux lm | Luminous efficacy lm/W | Color rendering index CRI R _a | Color | Item No. |
|------------------------|--------------|---------------------|---------------------------|---|------------------------|------------|
| 6500 | 0.6 | 51 | 85 | 82 | Silver color lacquered | 833.87.020 |

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.





Extending



Charging stations

| | |
|--|-----------|
| ESC 2002 inductive charging station | > Page 83 |
| ESC 2001 USB charging station, modular | > Page 83 |



Sound systems

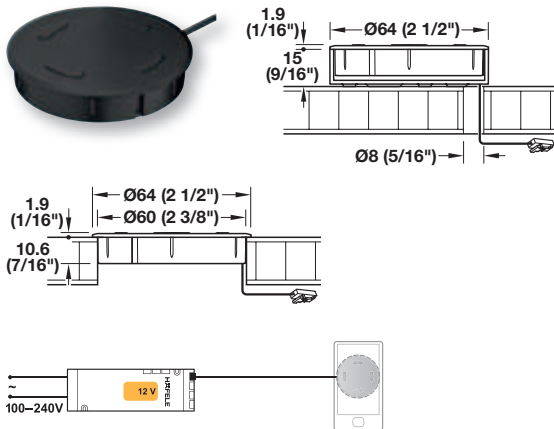
| | |
|--------------------------------------|-----------|
| 105 sound system | > Page 84 |
| 420 E sound system, exciter speakers | > Page 85 |



Charging stations



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



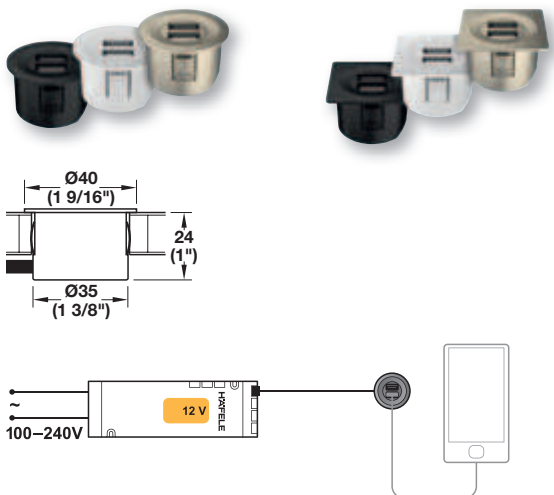
- > Material/Color: Plastic, matt black
- > Diameter: 64 mm (2 1/2")
- > Charging current: 1 A
- > Output voltage: 5 V
- > Standby power consumption: 0.3 W
- > Power consumption: Max. 10 W
- > Standard: WPC compatible
- > Supplied with: 1 inductive charging station with mounting ring and 2000 mm (78 3/4") lead

| Item No. |
|------------|
| 833.73.776 |

! Drill hole Ø for plug: 8 mm (5/16")

+ **12 V** **5 12 V** Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.

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 (1 3/8")
- > Mounting: For mounting in drilled hole, for clamp fixing
- > Supplied with: 1 USB charging station

| Color | Round | Straight-edged |
|---------------|------------|----------------|
| 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**
> Monochrome (2-wire 24 AWG)

| Length | Item No. |
|----------------|------------|
| 100 (39 3/8") | 833.95.789 |
| 2000 (78 3/4") | 833.95.788 |

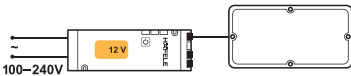
! Please order lead separately.

+ **5 12 V** Loox5 12 V driver see page 122

Sound systems



105 sound system



Sound system (mono with integrated exciter speaker)

- > Material/Color: Plastic, black
- > L x W x H: 140 x 66 x 25 mm (5 1/2" x 2 5/8" x 1")
- > Power consumption: Operation: 7 W, standby: <0.3 W
- > Music wattage: 5 W (RMS)
- > Reception range: Max. 10,000 mm (32' 9 11/16")
- > Mounting: For screw fixing
- > Supplied with: 1 Bluetooth® receiver and 2000 mm (78 3/4") lead

| | Item No. |
|--|-------------------|
| | 822.65.000 |

Please observe the installation regulations for bathrooms.

12V 5 12V Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.

Sound systems



ILLUMINATING



EXTENDING



SWITCHING



NETWORKING



DISTRIBUTING



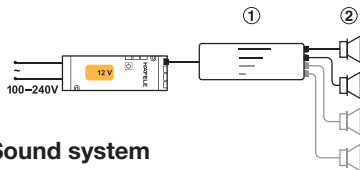
SUPPLYING



420 E sound system - with speakers



> App for individual settings available on request



① Sound system

② Exciter speakers



Please order extension lead 2000 mm (78 3/4") 833.73.766 for exciter speaker separately.

- > Material/Color: Plastic, black
- > L x W x H: 140 x 45 x 15 mm (5 1/2" x 1 3/4" x 9/16")
- > 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 (32' 9 11/16")
- > Mounting: For screw fixing
- > Supplied with: 1 Bluetooth® receiver with 2000 mm (78 3/4") lead and 4 connections for exciter speakers, incl. 2 exciter speakers

Item No.

822.65.034



Please observe the installation regulations for bathrooms. Can be installed on glass and mirror glass 3–6 mm (1/8"–1/4"), acrylic glass 3 mm (1/8"), chipboard 10–20 mm (3/8"–3/4") and mineral composite boards.



12V 5 12V

Loox5 12 V driver see page 122
Please order 6-piece adapter set 833.95.753 separately, see page 114.



Exciter speaker

- > Dimensions: Ø 65 x 22 mm (2 9/16" x 7/8")
- > Wattage: Rated/music load capacity 4/15 W
- > Mounting: For screw fixing or for glue fixing
- > Supplied with: 1 exciter speaker with 1 m (39 3/8") speaker lead

Item No.

822.65.039

Switching

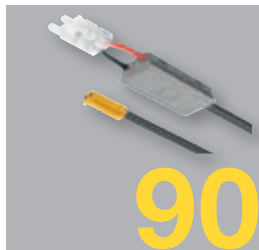
Sensor switches

| | |
|--|-----------|
| Sensor switch | > Page 87 |
| Door sensor switch | > Page 87 |
| Motion detector | > Page 87 |
| Dimmer | > Page 88 |
| Capacitive switch/ dimmer | > Page 88 |
| Sensor switch, surface mounted | > Page 89 |
| Door sensor switch, surface mounted | > Page 89 |
| Dimmer, surface mounted | > Page 89 |



Sensor switch for aluminum profiles

| | |
|-----------------|-----------|
| Dimmer | > Page 90 |
| Motion detector | > Page 90 |



Mechanical switches

| | |
|--|-----------|
| Universal door contact switch | > Page 91 |
| Door contact switch | > Page 91 |
| Push switch | > Page 91 |
| Rocker switch | > Page 92 |
| Housing for switch, surface mounted | > Page 92 |



Dimmer interface

| | |
|-------------------------------------|-----------|
| Dimmer interface 0-10 V, modular | > Page 93 |
|-------------------------------------|-----------|



Multi-switch box, multi-driver box

| | |
|------------------|-----------|
| Multi-switch box | > Page 94 |
| Multi-driver box | > Page 94 |



Symbol overview

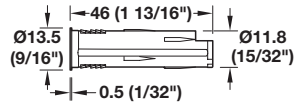
| | |
|---|--|
| Sensor switch Touch-Free, soft on/off switching | |
| Door sensor switch Soft on/off switching | |
| Motion detector Automatic on/off switching | |
| Dimmer Soft on/off switching and dimming | |
| Capacitive switch/dimmer Soft on/off switching and dimming | |
| Universal door contact 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 - touch-free, soft on/off switching

TOUCH-FREE



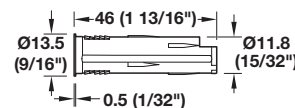
- > Material/Color: Plastic, silver colored
- > Degree of protection: IP20
- > Sensor range: 0–80 mm (0–3 1/8")
- > Power consumption: ≤0.3 W
- > Drill hole Ø: 12 mm (1/2")
- > Supplied with: 1 switch

Item No.
833.89.127

+ Please order lead with snap-in connector for modular switches driver separately. Length 2000 mm (78 3/4"): Item No. 833.89.142, see page 91.

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

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

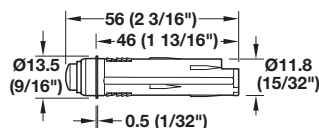


- > Material/Color: Plastic, silver colored
- > Degree of protection: IP20
- > Sensor range: 0–100 mm (0–4")
- > Power consumption: ≤0.3 W
- > Drill hole Ø: 12 mm (1/2")
- > Supplied with: 1 switch

Item No.
833.89.128

+ Please order lead with snap-in connector for modular switches driver separately. Length 2000 mm (78 3/4"): Item No. 833.89.142, see page 91.

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



- > Material/Color: Plastic, silver colored
- > Degree of protection: IP20
- > Sensor range: 0–3000 mm (0–118")
- > Sensor angle: 120 °
- > Power consumption: ≤0.1 W
- > Drill hole Ø: 12 mm (1/2")
- > Supplied with: 1 motion detector

Delay time

 30 sec.
 320 sec.

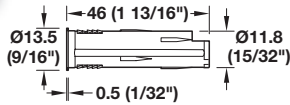
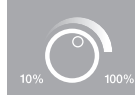
Item No.
833.89.129
833.89.148

+ Please order lead with snap-in connector for modular switches driver separately. Length 2000 mm (78 3/4"): Item No. 833.89.142, see page 91.

Sensor switches

Häfele Loox dimmer, modular - soft on/off switching and dimming

TOUCH/
TOUCH-FREE



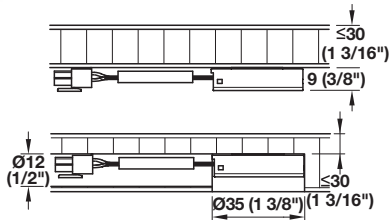
- > Material/color: Plastic, silver colored
- > Degree of protection: IP20
- > Power consumption: ≤0.3 W
- > Drill hole Ø: 12 mm (1/2")
- > Supplied with: 1 dimmer

| | Sensor range | Item No. |
|------------|--------------------|-------------------|
| Touch | - | 833.89.058 |
| Touch-free | 0-60 mm (0-2 3/8') | 833.89.126 |

+ Please order lead with snap-in connector for modular switches driver separately. Length 2000 mm (78 3/4"): Item No. 833.89.142, see page 91.

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

Häfele Loox capacitive switch/dimmer, modular - soft 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 ferrous metal materials) at a maximum depth of 30 mm (1 3/16")
- > For screw fixing or recess mounting (drill hole Ø 35 mm (1 3/8"))
- > A distance of min. 500 mm (19 11/16") away from electromagnetic fields (power lines, microwave) must be adhered to.

- > Material/Color: Plastic, silver colored
- > Diameter: 35 mm (1 3/8")
- > Height: 10 mm (3/8")
- > Degree of protection: IP20
- > Power consumption: ≤1 W
- > Supplied with: 1 switch

| | Item No. |
|--|-------------------|
| | 833.89.133 |

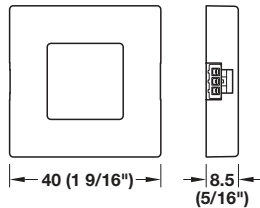
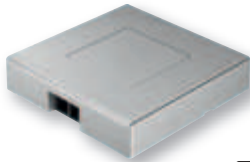
+ Please order lead with snap-in connector for modular switches driver separately. Length 2000 mm (78 3/4"): Item No. 833.89.142, see page 91.

Sensor switches



Häfele Loox sensor switch, surface mounted modular - touch-free on/off switching

TOUCH-FREE



- > Material/Color: Plastic, silver colored
- > L x W x H: 40 x 40 x 8.5 mm (1 9/16" x 1 9/16" x 5/16")
- > Degree of protection: IP20
- > Sensor range: 0–80 mm (0–3 1/8")
- > Power consumption: ≤0.3 W
- > Supplied with: 1 switch with fixing material

Item No.

833.89.136

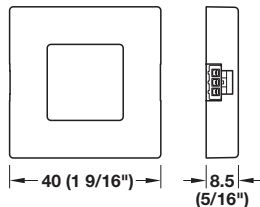
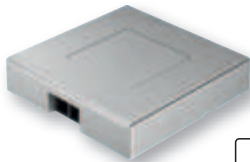


Please order lead with snap-in connector for modular switches driver separately. Length 2000 mm (78 3/4"): Item No. 833.89.142, see page 91.



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: Plastic
- > L x W x H: 40 x 40 x 8.5 mm (1 9/16" x 1 9/16" x 5/16")
- > Degree of protection: IP20
- > Sensor range: 0–100 mm (0–4")
- > Power consumption: ≤0.3 W
- > Supplied with: 1 switch with fixing material

Silver colored

833.89.137

Black

833.89.182

White

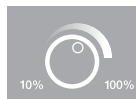
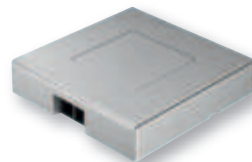
833.89.183



Please order lead with snap-in connector for modular switches driver separately. Length 2000 mm (78 3/4"): Item No. 833.89.142, see page 91.

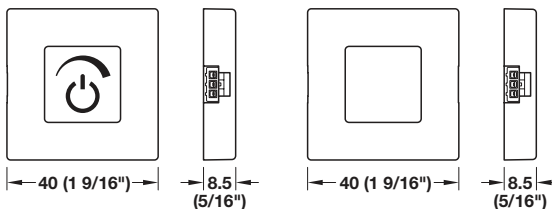
Häfele Loox dimmer, surface mounted modular - soft on/off switching and dimming

TOUCH/ TOUCH-FREE



Touch

Touch-free



- > Material: Plastic
- > L x W x H: 40 x 40 x 8.5 mm (1 9/16" x 1 9/16" x 5/16")
- > Degree of protection: IP20
- > Sensor range: 0–100 mm (0–4")
- > Power consumption: ≤0.3 W
- > Supplied with: 1 switch with fixing material

| | Sensor range | Color | Item No. |
|------------|-----------------|----------------|-------------------|
| Touch | – | silver colored | 833.89.134 |
| Touch-free | 0–80 (0–3 1/8") | silver colored | 833.89.135 |
| Touch | – | black | 833.89.176 |
| Touch | – | white | 833.89.177 |



Please order lead with snap-in connector for modular switches driver separately. Length 2000 mm (78 3/4") : Item No. 833.89.142, see page 91.

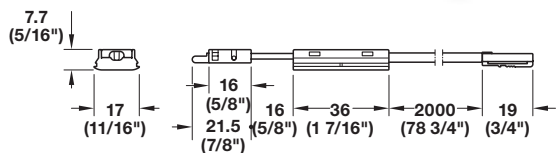
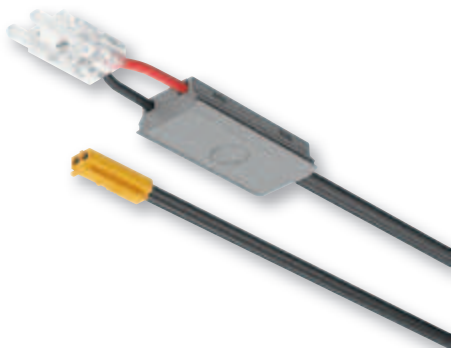


Dimming value is stored without the need for voltage supply (memory function)

Sensor switches

For monochrome 8 mm (5/16") strip lights in aluminum profiles

Loox5 aluminum profile dimmer - soft on/off switching with dimming



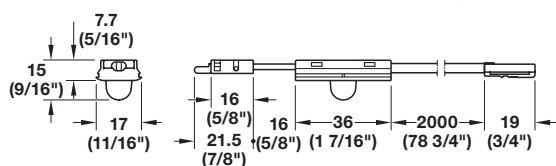
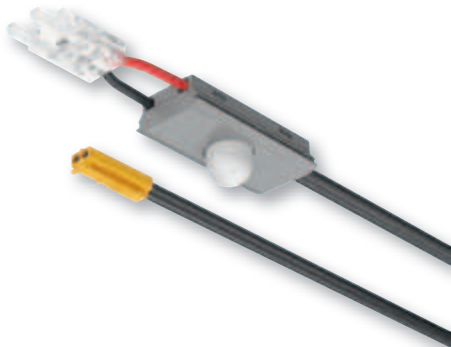
- > Area of application: For monochrome 8 mm (5/16") Loox5 LED strip lights in aluminum profiles with 16 mm (5/8") internal width
- > Material/Color: Plastic, silver colored
- > Drill hole Ø: Plug 8 mm (5/16")
- > Mounting: For push fitting into aluminum profile
- > Supplied with: 1 switch with clip/plug and 2 m (78 3/4") lead

| Voltage | Max. connected wattage W | Item 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)

➔ Aluminum profile with 16 mm (5/8") internal width, see pages 24 and 30.

Loox5 aluminum profile motion detector - automatic on/off switching



- > Area of application: For monochrome 8 mm (5/16") Loox5 LED strip lights in aluminum profiles with 16 mm (5/8") internal width
- > Material/Color: Plastic, silver colored
- > Drill hole Ø: Plug 8 mm (5/16")
- > Mounting: For push fitting into aluminum profile
- > Sensor range: 0–3000 mm (0–118 1/8")
- > Delay time: 30 sec.
- > Supplied with: 1 switch with clip/plug and 2 m (78 3/4") lead

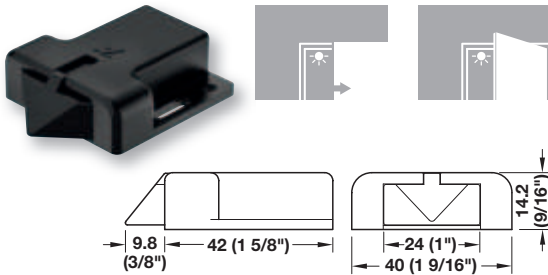
| Voltage | Max. connected wattage W | Item No. |
|---------|--------------------------|------------|
| 5 12V | 60 | 833.95.750 |
| 5 24V | 90 | 833.77.835 |

➔ Aluminum profile with 16 mm (5/8") internal width, see pages 24 and 30.

Mechanical switches



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



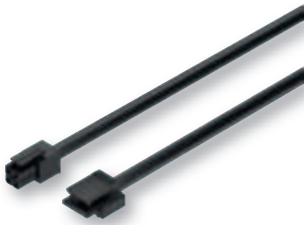
- > Material/Color: Plastic, black
- > Degree of protection: IP20
- > L x W x H: 51.8 x 40 x 14.2 mm (2 1/16" x 1 9/16" x 9/16")
- > Supplied with: 1 switch with fixing material

| | Item No. |
|--|-------------------|
| | 833.89.143 |

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

- +** Please order 2000 mm (78 3/4") lead with snap-in connector for modular switches driver separately below, Item No. 833.89.142.

Häfele Loox lead with snap-in connector - for modular switches



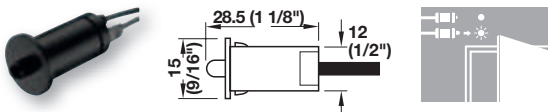
- > Material/Color: Plastic, black
- > Degree of protection: IP20
- > Supplied with: 1 lead

| Length | Item No. |
|-----------------|-------------------|
| 500 (19 11/16") | 833.89.140 |
| 1000 (39 3/8") | 833.89.141 |
| 2000 (78 3/4") | 833.89.142 |

- +** Required for modular switches

- !** Drill hole Ø for plug: 12 mm (1/2")

Häfele Loox door contact switch - on/off switching

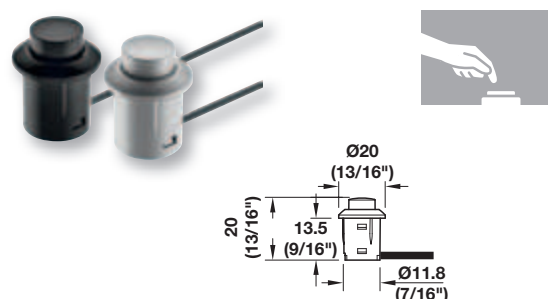


- > Material/Color: Plastic, black
- > Degree of protection: IP20
- > Drill hole Ø: 12 mm (1/2")
- > Length: 28 mm (1 1/8")
- > Supplied with: 1 switch with 2000 mm (78 3/4") lead

| | Item No. |
|--|-------------------|
| | 833.89.059 |

- !** Drill hole Ø for plug: 12 mm (1/2")

Häfele Loox push switch - on/off switching



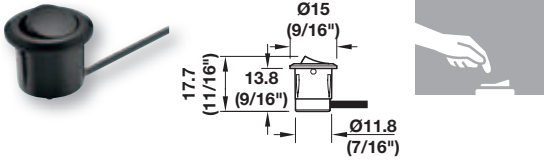
- > Material: Plastic
- > Length: 20 mm (13/16")
- > Drill hole Ø: 12 mm (1/2")
- > Supplied with: 1 switch with 2000 mm (78 3/4") lead

| Color | Item No. |
|-------|-------------------|
| black | 833.89.108 |
| gray | 833.89.107 |

- !** Drill hole Ø for plug: 12 mm (1/2")

Mechanical switches

Häfele Loox rocker switch - on/off switching

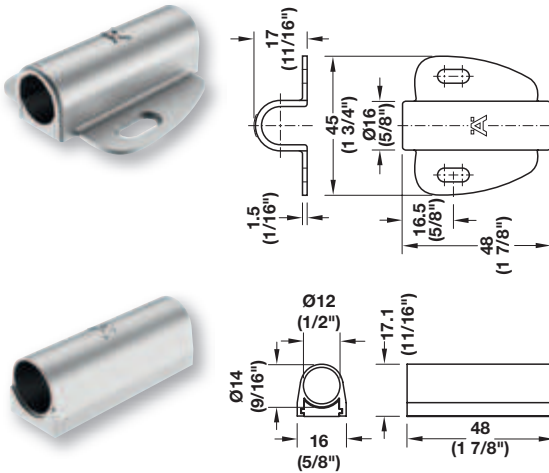


- > Material/Color: Plastic, black
- > Diameter: 15 mm (9/16")
- > Height: 17.7 mm (11/16")
- > Drill hole Ø: 12 mm (1/2")
- > Supplied with: 1 switch with 2000 mm (78 3/4") lead

| Item No. |
|-------------------|
| 833.89.106 |

! Drill hole Ø for plug: 12 mm (1/2")

Housing for switch - surface mounted



- > Material/Color: Plastic, silver colored
- > Supplied with: 1 housing
- > Application: For switch Ø 12 mm (1/2")

| Ø | L x W x H | Item No. |
|------------|---|-------------------|
| 16 (5/8") | 48 x 45 x 17 (1 7/8" x 1 3/4" x 11/16") | 833.89.090 |
| 14 (9/16") | 48 x 16 x 17 (1 7/8" x 5/8" x 11/16") | 833.89.092 |

! Suitable for 32 mm (1 1/4") series drilled holes

Housing - for switch, face frame, surface mounted



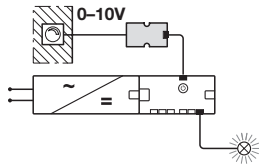
- > Material: Plastic
- > Application: For switch Ø 12 mm (1/2")
- > W x D x H: 19 x 19 x 25.4 mm (3/4" x 3/4" x 1")

| Color | Item No. |
|-------|-------------------|
| Gray | 830.38.423 |
| Black | 830.38.424 |

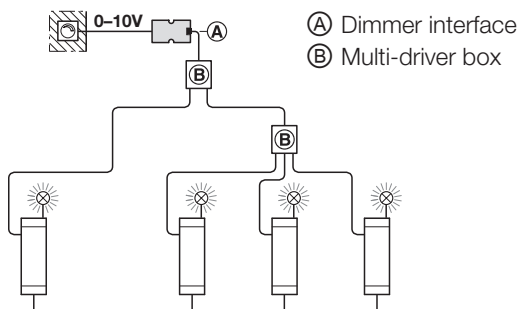
Dimmer interface



Häfele Loox dimmer interface 0–10 V, modular - for 12 V and 24 V



Installation example: Wall dimmer with 0–10 V control output. No connection of the dimmer to power cord voltage.



Design advantage

> Wall dimmers can be used for the control of furniture lights in the design of the house installation

- > Material/Color: Plastic, black
- > L x W x H: 68.9 x 34.7 x 13.5 mm (2 11/16" x 1 3/8" x 9/16")
- > Degree of protection: IP20
- > Supplied with: 1 dimmer interface

Item No.

833.89.144

! Use dimmer only, if monochrome lights are connected. Not suitable for the connection of converters or control devices. Direct connection to a normal household dimmer with a 0–10 V control output and connection via a lead with snap-in connector for modular switches to the switching input of a 12 V or 24 V Loox driver or a distributor. Please order lead with snap-in connector for modular switches driver separately.

Installation example: Multi-driver boxes for controlling several drivers (12 V, 24 V) or distributors with switching function. No connection of the dimmer to power cord voltage.

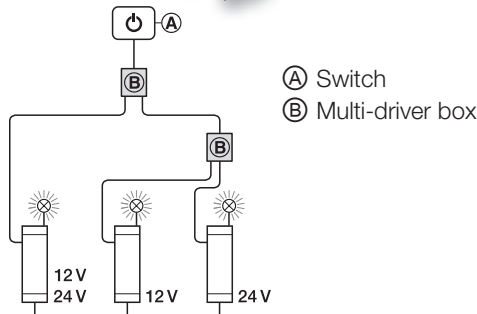
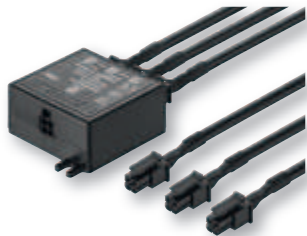
! Drill hole Ø for plug: 12 mm (1/2")

+ Lead with snap-in connector for modular switches

| Length | Item No. |
|-----------------|-------------------|
| 500 (19 11/16") | 833.89.140 |
| 1000 (39 3/8") | 833.89.141 |
| 2000 (78 3/4") | 833.89.142 |

Switch accessories

Häfele Loox multi-driver box



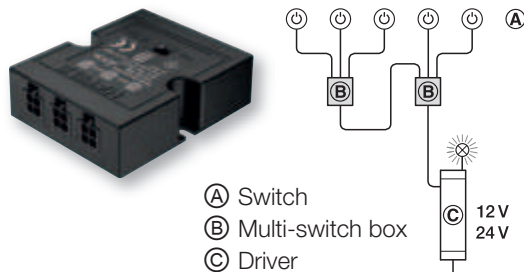
- > Material/Color: Plastic, black
- > Standby power consumption W: 1.5 W
- > L x W x H: 50 x 40 x 19 mm (2" x 1 9/16" x 3/4")
- > Supplied with: 1 multi-driver box with 3 x 1000 mm (39 3/8") lead for switch

| | |
|--|-------------------|
| | Item No. |
| | 833.89.061 |

! Max. 3 x 75 W per 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.

Häfele Loox multi-switch box



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: On/off switching at different switches
No cross: Switching on with switch 1, 2 or 3. For switching off, all switches that were switched on have to be activated again
- > Material/Color: Plastic, black
- > Standby power consumption W: ≤0.3
- > L x W x H: 55 x 45 x 16 mm (2 3/16" x 1 3/4" x 5/8")
- > Degree of protection: IP20
- > Supplied with: 1 multi-switch box
With 1000 mm (39 3/8") lead for switch

| | |
|--|-------------------|
| | Item No. |
| | 833.89.066 |

! Drill hole Ø for plug: 12 mm (1/2")
Alternative to the supplied 1000 mm (39 3/8") lead for multi-switch box.
The drill hole Ø for the male plug and the female socket of the switch leads is 12 mm (1/2").

! Drill hole Ø for plug: 12 mm (1/2")
Alternative to the supplied three 1000 m (39 3/8") leads for multi-driver box.
The drill hole Ø for the male plug and the female socket of the switch leads is 12 mm (1/2").

+ Lead from multi-boxes to switching input

- > Supplied with: 1 lead

| Length | Item No. |
|-----------------|-------------------|
| 500 (19 11/16") | 833.89.068 |
| 2000 (78 3/4") | 833.89.069 |

Häfele Loox extension lead - for switches



- > Length: 2000 mm (78 3/4")
- > Supplied with: 1 lead

| | |
|--|-------------------|
| | Item No. |
| | 833.89.067 |

! Drill hole Ø for plug: 12 mm (1/2")
Can also be used for the multi-switch and multi-driver boxes.
The maximum lead length of a switch is 6000 mm (236 1/4").
The drill hole Ø for the male plug and the female socket of the switch leads is 12 mm (1/2").

Networking



Häfele Connect Mesh 6-way distributor

6-way distributor

> Page 97



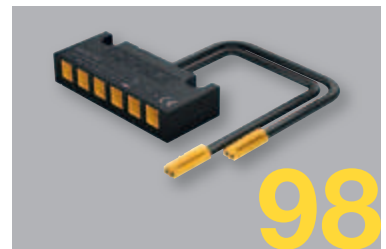
Häfele Loox5 adapters

Multi-white adapter

> Page 98

RGB adapter

> Page 98



Häfele Connect Mesh remote controls

Remote control

> Page 99

Push button, wall-mounted

> Page 99



Häfele Connect Mesh interface

2-channel interface

> Page 100



Networking

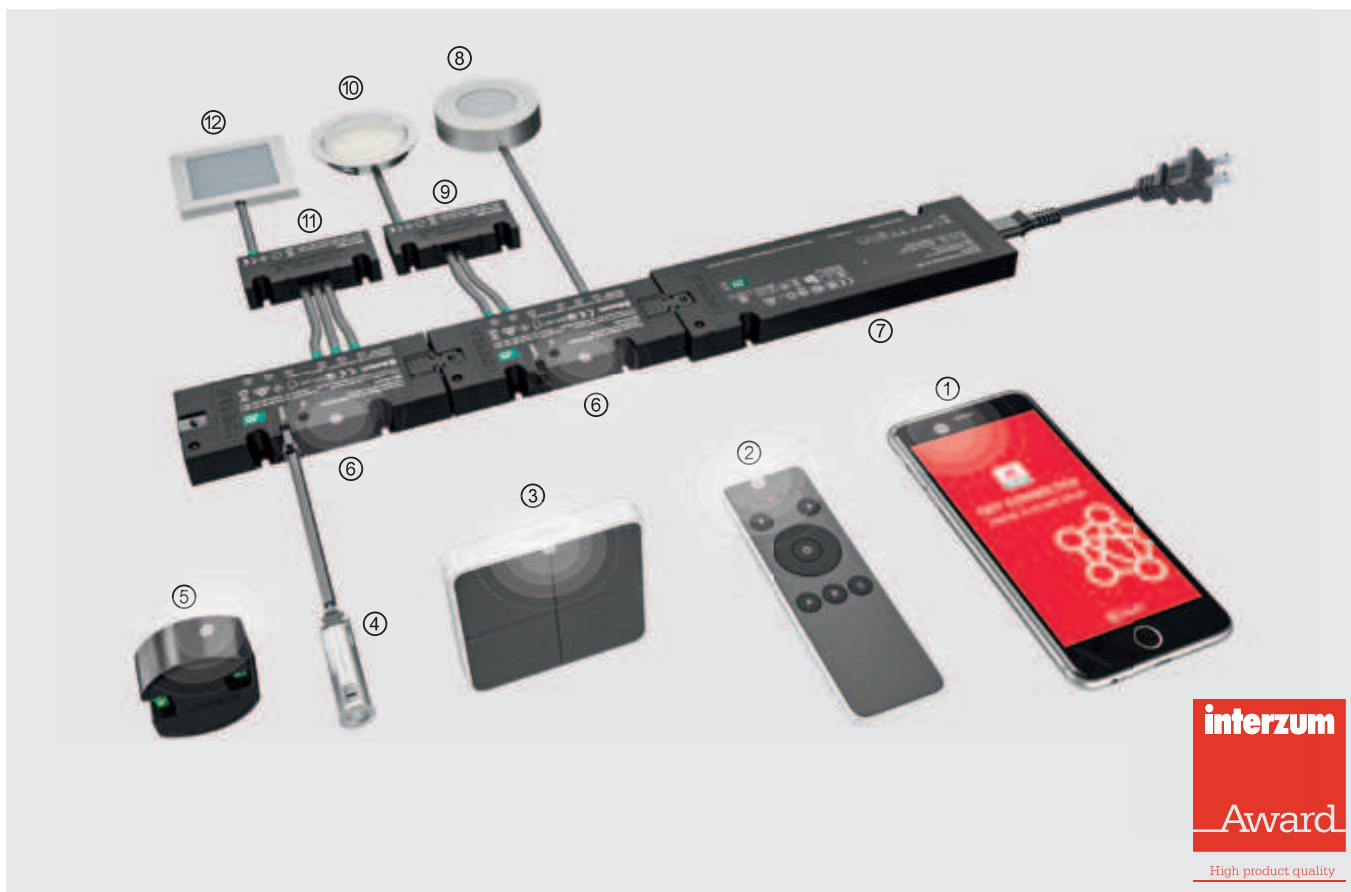
Häfele Connect Mesh

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
- > Standardized: 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

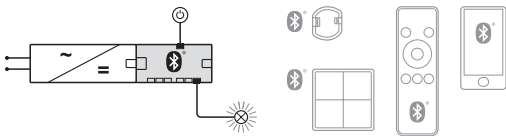
- ⑦ Driver
- ⑧ Monochrome light or electrically operated fitting
- ⑨ Multi-white adapter
- ⑩ Multi-white light
- ⑪ RGB adapter
- ⑫ RGB light

Distributor



Häfele Connect Mesh 6-way distributor - with switching function

- > Control several light colors 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 97)
- > Material/Color: Plastic, black
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > 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 | Item No. |
|---------|--------------------------|------------|
| 5 12 V | 60 | 850.00.042 |
| 5 24 V | 90 | 850.00.043 |

! The distance between the smartphone or tablet to the nearest Häfele Connect Mesh component is approx. 10,000 mm (393"). Multiple components create a network, and can also be placed approximately 10,000 mm (393") apart.

+ Please order adapter for multi-white lights, RGB lights, or electrically operated fittings separately, see page 98.

➔ 6-way distributor for monochrome lights or other 2-pin powered devices, such as electrically operated fittings, see page 103.



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™.

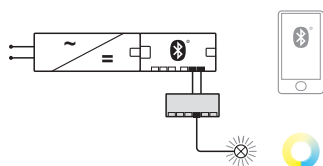


Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



Adapters

Häfele Loox5 multi-white adapter - for Häfele Connect Mesh 6-way distributor

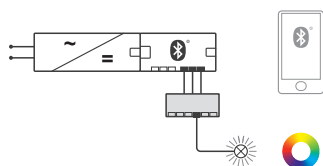


- > Area of application: For connecting multi-white lights to the Häfele Connect Mesh 6-way distributor
- > Material/Color: Plastic, black
- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Number of connections: 2x input port with plug, monochrome 6x output ports device sockets, multi-white
- > Supplied with: 1 distributor with 80 mm (3 1/8") lead

| Voltage | Max. connected wattage W | Item 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

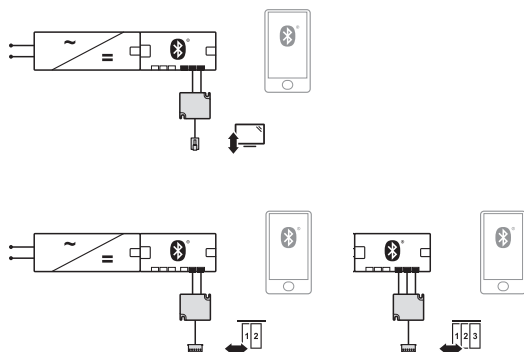


- > Area of application: For connecting RGB lights to the Häfele Connect Mesh 6-way distributor
- > Material/Color: Plastic, black
- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Number of connections: 3x input ports with plug, monochrome 6x output ports for device sockets, RGB
- > Supplied with: 1 distributor with 80 mm (3 1/8") lead

| Voltage | Max. connected wattage W | Item 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



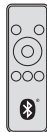
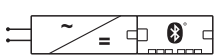
- > Area of application: For connecting electrically operated fittings to the Häfele Connect Mesh 6-way distributor.
- > Supplied with: 1 distributor 5 12V

| Description | Number of connections | Item No. |
|------------------------|-----------------------|------------|
| TV lift adapter | 2 output ports | 850.00.057 |
| eDrive 2 doors adapter | 2 output ports | 850.00.058 |
| eDrive 3 doors adapter | 3 output ports | 850.00.059 |

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

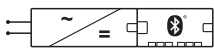
- > Area of application: For controlling components at the Häfele Connect Mesh 6-way distributor
- > Function: Easy, direct pairing with a 6-way distributor or programming of buttons via app to control each node of the network
- > Version: Multi-function control panel
- > Material: Plastic
- > Color: Faceplate: Black; Housing: White
- > L x W x H: 130 x 42 x 11 mm (5 1/8" x 1 5/8" x 7/16")
- > Supplied with: 1 remote control

| Item No. |
|------------|
| 850.00.040 |

- ! Please order Häfele Connect Mesh 6-way distributor separately, see page 97.
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
- > Color: Faceplate: Black; Frame: White
- > L x W x H: 81 x 81 x 12 mm (3 3/16" x 3 3/16" x 1/2")
- > Mounting: For screw or glue fixing to any wall
- > Supplied with: 1 push button, wall-mounted

| Item No. |
|------------|
| 850.00.041 |

- ! Please order Häfele Connect Mesh 6-way distributor separately, see page 97.
Please order 1 replaceable CR2430 button cell lithium battery (1 x 002.99.034) separately.

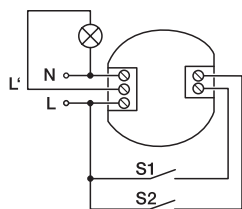
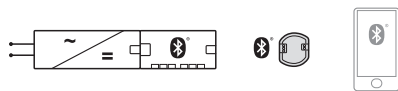
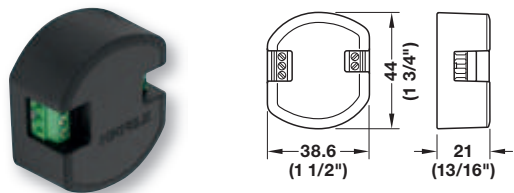
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



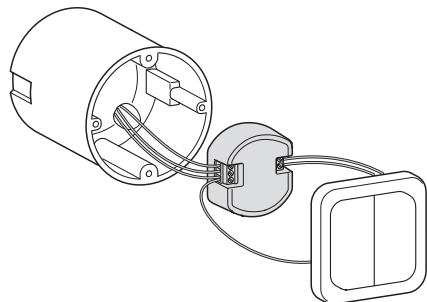
Interface electrical installation



Häfele Connect Mesh 2-channel interface - with potential free relay



Installation example



Installation in a deep switch box

Design advantage

> Use switches in the design of the house installation for the control of furniture and room lights with Häfele Connect Mesh

- > 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 toggle switch into the Häfele Connect Mesh
- > Version: Function programmable via app, each active component can control each passive component, see page 97.
- > Number of connections: 2 switching input port for conventional wall-mounted toggles switches (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
- > L x W x H: 39 x 44 x 21 mm
(1 9/16" x 1 3/4" x 13/16")
- > Mounting: Suitable for installation in switch boxes.
Recommended switch box depth: 60 mm (2 3/8").
- > Supplied with: 1 2-channel interface




| | |
|--|-------------------|
| | Item No. |
| | 850.00.046 |

⚠ Please order Häfele Connect Mesh 6-way distributor separately, see page 97.

Distributing



Distributor

-  Häfele Loox5 6-way distributor > Page 103
-  Häfele Loox 6-way distributor > Page 104
-  Häfele Connect Mesh 6-way distributor **Networking** > Page 97



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Leads and connectors for LED strip lights

- Leads for LED strip light monochrome, 5 mm (3/16") > Page 109
- Leads for LED strip light monochrome, 8 mm (5/16") > Page 110
- Leads for LED silicone strip light monochrome, 8 mm (5/16") > Page 111
- Leads for LED strip light multi-white, 8 mm (5/16") > Page 112
- Leads for LED strip lights RGB, 10 mm (3/8") > Page 113



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Extension leads

- Extension lead monochrome/2-pin > Page 105
- Extension lead multi-white > Page 105
- Extension lead RGB > Page 106
- 4-way extension lead monochrome/2-pin > Page 106



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Adapters

- Adapters Loox/Loox5 > Pages 114-115



114

Modular leads

- Lead for modular lights and other modular devices > Page 107



107

Cable routing

- Cable channel > Page 116
- Cable cover > Page 116



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Switch leads

- Extension lead for switches > Page 108
- Lead for modular switches > Page 108
- Lead for switches > Page 108



108

Accessories

- Drill bits > Pages 117-118

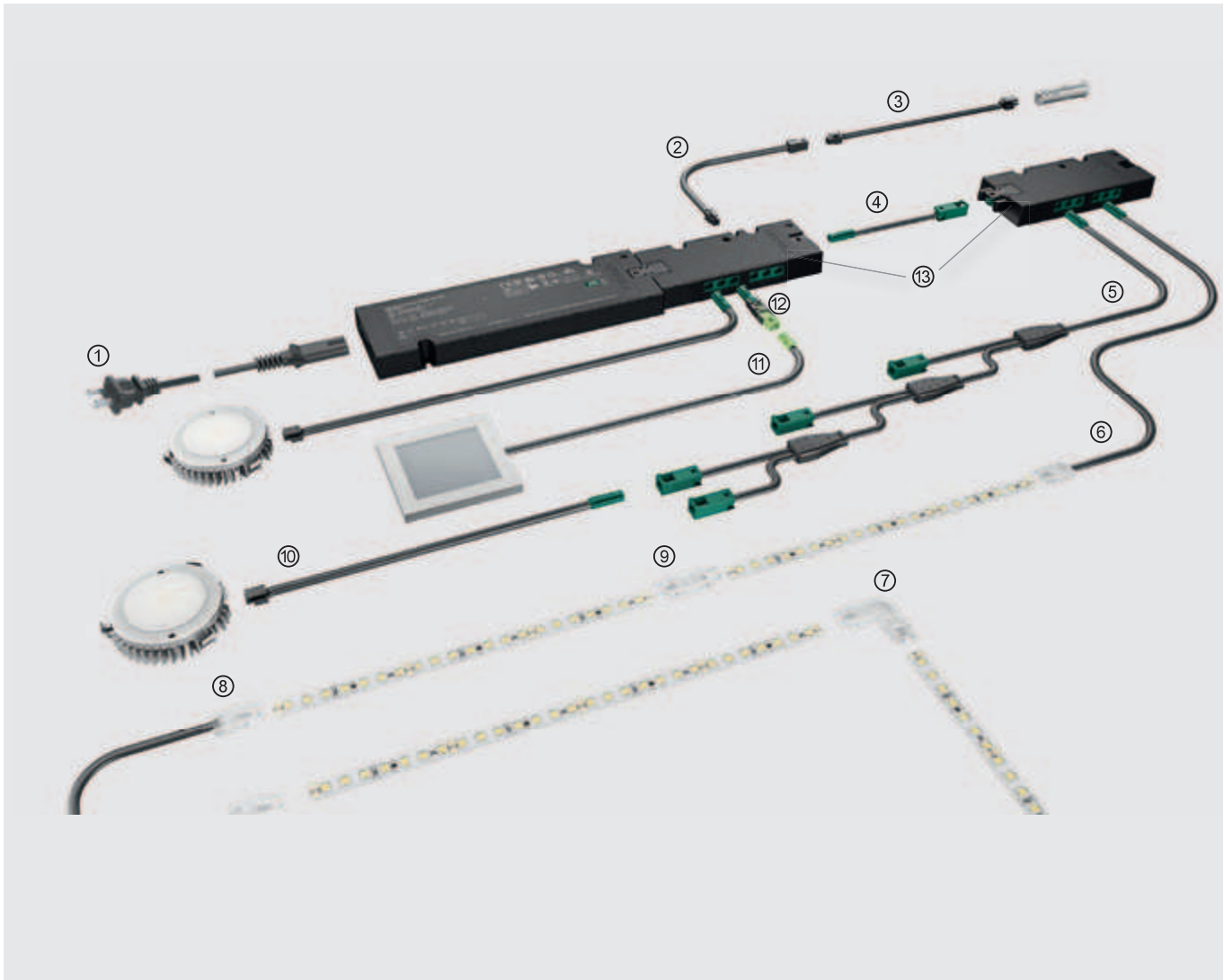


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Distributing



Definition of terms



- ① Power cord
- 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

Distributors



Häfele Loox5 box to box 6-way distributor

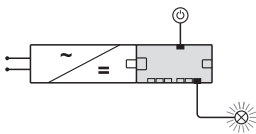
Plug connection box to box

- > 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, see page 97

Häfele Loox5 box to box 6-way distributor - with switching function



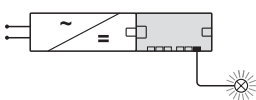
1 switch controls all output ports



- > Material/Color: Plastic, black
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > 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
- > Supplied with: 1 distributor

| Voltage | Max. connected wattage W | Item No. |
|---------|--------------------------|------------|
| 5 12V | 60 | 833.95.748 |
| 12V | 60 | 833.95.749 |
| 5 24V | 90 | 833.77.833 |
| 24V | 90 | 833.77.834 |

Häfele Loox5 box to box 6-way distributor - without switching function



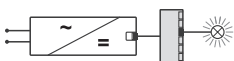
- > Material/Color: Plastic, black
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Number of connections: 1 x input port with box to box plug, 1 x output port with box to box socket, 6 x output ports
- > Supplied with: 1 distributor

| Voltage | Max. connected wattage W | Item No. |
|---------|--------------------------|------------|
| 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.

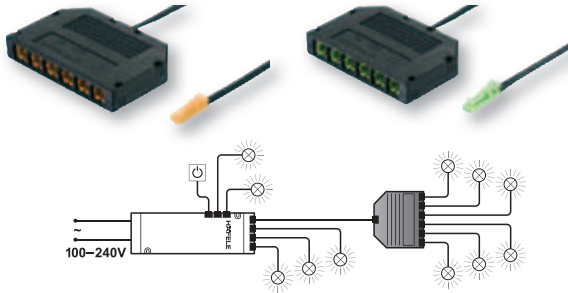


- > Material/Color: Plastic, black
- > L x W x H: 70 x 30 x 14 mm (2 3/4" x 1 3/16" x 9/16")
- > Number of connections: 1 x input port with box to box plug, 1 x output port with box to box socket, 6 x output ports
- > Supplied with: 1 distributor

| Voltage | Max. connected wattage W | Item No. |
|---------|--------------------------|------------|
| 5 12V | 60 | 833.95.786 |
| 5 24V | 90 | 833.77.839 |

Distributors

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

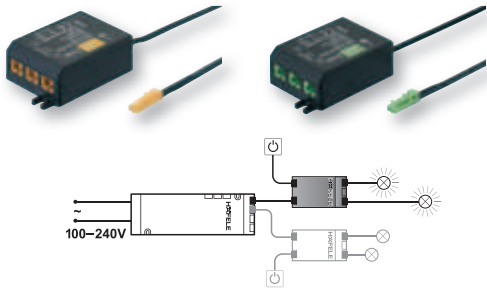


- > Material/Color: Plastic, black
- > L x W x H: 58.5 x 34 x 18 mm
(2 1/4" x 1 5/16" x 11/16")
- > Supplied with: 2000 mm (78 3/4") lead

| Voltage | Max. connected wattage W | Item No. |
|---------|--------------------------|------------|
| 12 V | 42 | 833.74.798 |
| 24 V | 84 | 833.77.724 |

! With the 6-way distributor, up to 6 additional lights can be operated from one driver port.

3-way distributor - with switching function 12 V / 24 V



- > Material/Color: Plastic, black
- > L x W x H: 57 x 34 x 18 mm
(2 1/4" x 1 5/16" x 11/16")
- > Supplied with: 200 mm (7 7/8") lead

| Voltage | Max. connected wattage W | Item No. |
|---------|--------------------------|------------|
| 12 V | 42 | 833.74.751 |
| 24 V | 84 | 833.77.723 |

! Up to 3 lights can be operated separately and individually using the 3-way distributor with switching function connected to the output of the light.

Häfele Loox5 extension Y distributor monochrome

- > Material/Color: Plastic, black
- > Length: 1500 mm (59 1/16")
- > Supplied with: 1 lead

| Voltage | Max. connected wattage W | Item No. |
|---------|--------------------------|------------|
| 5 12 V | 60 | 833.93.737 |
| 5 24 V | 90 | 833.75.744 |

Häfele Loox5 extension Y distributor multi-white

- > Material/Color: Plastic, black
- > Length: 1500 mm (59 1/16")
- > Supplied with: 1 lead

| Voltage | Max. connected wattage W | Item No. |
|---------|--------------------------|------------|
| 5 12 V | 60 | 833.93.738 |
| 5 24 V | 90 | 833.93.739 |

Extension leads

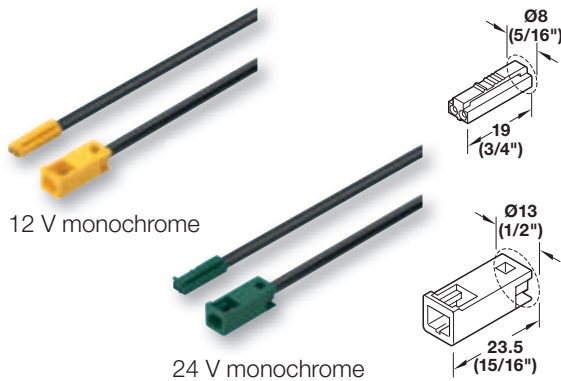


Häfele Loox5 extension leads

! Maximum lead length from the Loox5 driver to the device is 10,000 mm (393 11/16").

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



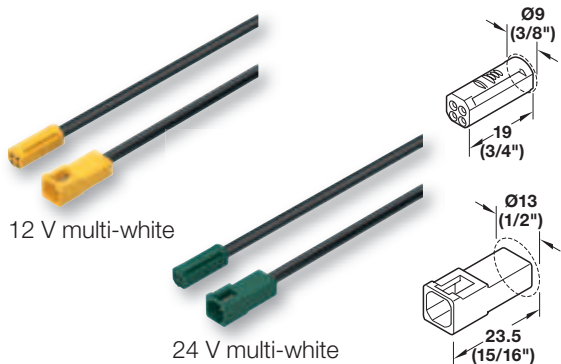
- > Area of application: For monochrome lights and other 2-wire devices and distributors
- > Material: Plastic
- > Current carrying capacity: Max. 5 A
- > Type of cable: 2-wire 18 AWG
- > Drill hole Ø: Plug 8 mm (5/16"), socket 13 mm (1/2")
- > Supplied with: 1 extension lead
1 plug/1 socket

| Voltage | 500 mm (19 11/16") | 1000 mm (39 3/8") | 2000 mm (78 3/4") |
|---------------|-----------------------|----------------------|----------------------|
| 5 12 V | 833.95.712 | 833.95.713 | 833.95.714 |
| 5 24 V | 833.95.719 | 833.95.718 | 833.95.717 |

- > Material: Plastic
- > Type of cable: 20 AWG
- > Length: 2000 mm (78 3/4")
- > Supplied with: 1 extension lead
1 plug/1 socket

| Voltage | Item No. |
|---------------|-------------------|
| 5 12 V | 833.73.766 |

Häfele Loox5 extension leads multi-white



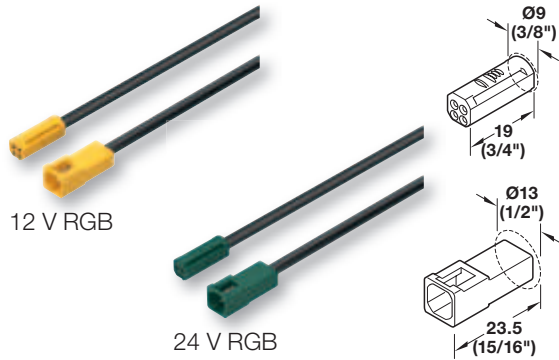
- > Area of application: For multi-white lights
- > Material: Plastic
- > Current carrying capacity: Max. 3.5 A
- > Type of cable: 3-wire 20 AWG
- > Drill hole Ø: Plug 9 mm (3/8"), socket 13 mm (1/2")
- > Supplied with: 1 extension lead
1 plug/1 socket

| Voltage | Length | Item No. |
|---------------|-----------------|-------------------|
| 5 12 V | 2000 (78 3/4") | 833.95.715 |
| 5 24 V | 200 (7 7/8") | 833.95.792 |
| 5 24 V | 300 (11 13/16") | 833.95.793 |
| 5 24 V | 500 (19 11/16") | 833.95.794 |
| 5 24 V | 600 (23 5/8") | 833.95.795 |
| 5 24 V | 1000 (39 3/8") | 833.95.796 |
| 5 24 V | 2000 (78 3/4") | 833.95.720 |

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Leads

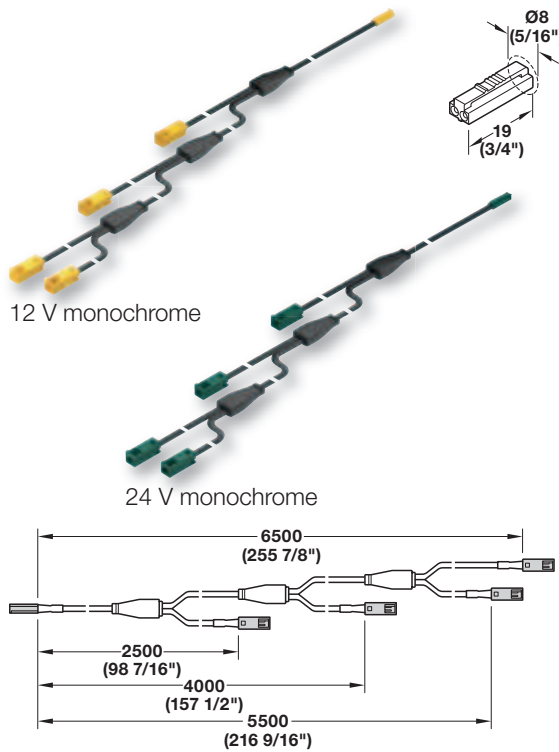
Häfele Loox5 extension leads RGB



- > Area of application: For RGB lights
- > Material: Plastic
- > Current carrying capacity: Max. 3.5 A
- > Type of cable: 4-wire 20 AWG
- > Drill hole Ø: Plug 9 mm (3/8"), socket 13 mm (1/2")
- > Length: 2000 mm (78 3/4")
- > Supplied with: 1 extension lead, 1 plug/1 socket

| Voltage | Item No. |
|---------|------------|
| 5 12V | 833.95.716 |
| 5 24V | 833.95.721 |

Häfele Loox5 4-way extension leads - monochrome



- > Area of application: For monochrome lights and other 2-wire powered devices and distributors
- > Current carrying capacity: Max. 5 A
- > Type of cable: 2-wire 18 AWG
- > Drill hole Ø: Plug 8 mm (5/16")
- > Length: 6500 mm (255 7/8")
- > Supplied with: 1 extension lead, 1 plug/4 sockets

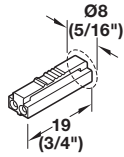
| Voltage | Item No. |
|---------|------------|
| 5 12V | 833.95.742 |
| 5 24V | 833.95.743 |

! Maximum lead length from the Loox5 driver to the device is 10,000 mm (393 11/16"). 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).

Leads

Modular design

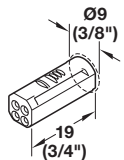
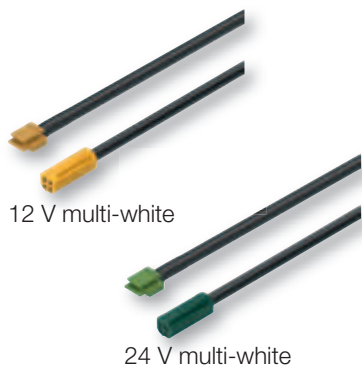
Häfele Loox5 lead - for modular lights and other modular devices



- > Area of application: For monochrome lights and other 2-wire powered devices and distributors
- > Version: With snap-in connector
- > Current carrying capacity: Max. 1.5 A
- > Type of cable: 2-wire 24 AWG
- > Drill hole Ø: Plug 8 mm (5/16")
- > Supplied with: 1 lead plug/plug

| Voltage | Length | Item No. |
|---------|----------------|------------|
| 5 12 V | 1000 (39 3/8") | 833.95.789 |
| | 2000 (78 3/4") | 833.95.788 |
| 5 24 V | 2000 (78 3/4") | 833.95.791 |

Häfele Loox5 lead - for modular multi-white lights



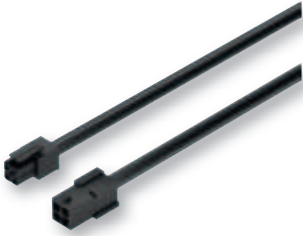
- > Area of application: Modular multi-white lights
- > Version: With snap-in connector
- > Current carrying capacity: Max. 1.5 A
- > Type of cable: 3-wire 24 AWG
- > Drill hole Ø: Plug 9 mm (3/8")
- > Length: 2000 mm (78 3/4")
- > Supplied with: 1 lead plug/plug

| Voltage | Item No. |
|---------|------------|
| 5 12 V | 833.95.787 |
| 5 24 V | 833.95.790 |

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Switch leads

Häfele Loox extension lead - for switches

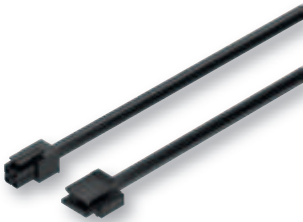


- > Area of application: Switches and modular switches
- > Drill hole Ø: Plug 12 mm (1/2")
- > Length: 2000 mm (78 3/4")
- > Supplied with: 1 extension lead
plug/socket

| | Item No. |
|--|-------------------|
| | 833.89.067 |

! The maximum lead length of a switch is 6 m (236 1/4").

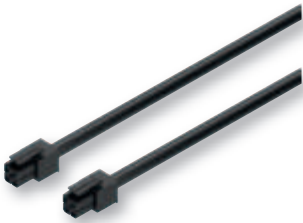
Häfele Loox lead - for modular switches



- > Area of application: Modular switches
- > Version: With snap-in connector
- > Drill hole Ø: Plug 12 mm (1/2")
- > Supplied with: 1 lead plug/plug

| Length | Item No. |
|-----------------|-------------------|
| 500 (19 11/16") | 833.89.140 |
| 1000 (39 3/8") | 833.89.141 |
| 2000 (78 3/4") | 833.89.142 |

Häfele Loox lead - for multi-boxes to switching input



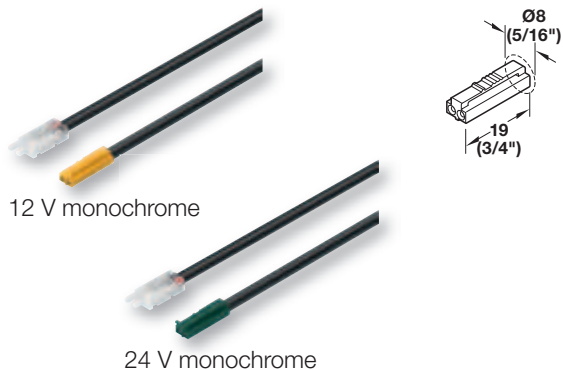
- > Area of application: Multi-switch and multi-driver box
- > Drill hole Ø: Plug 12 mm (1/2")
- > Supplied with: 1 lead plug/plug

| Length | Item No. |
|-----------------|-------------------|
| 500 (19 11/16") | 833.89.068 |
| 2000 (78 3/4") | 833.89.069 |

Leads

For LED strip light monochrome, 5 mm (3/16")

Häfele Loox5 lead - for LED strip light monochrome, 5 mm (3/16")



12 V monochrome

24 V monochrome

- > Current carrying capacity: Max. 3.5 A
- > Type of cable: 2-wire 20 AWG
- > Width: Clip 7 mm (1/4")
- > Drill hole Ø: Plug 8 mm (5/16")
- > Length: 2000 mm (78 3/4")
- > Supplied with: 1 lead plug/clip

| Voltage | Item No. |
|---------|------------|
| 5 12 V | 833.95.705 |
| 5 24 V | 833.95.711 |

Häfele Loox5 interconnecting lead - for LED strip light monochrome, 5 mm (3/16")



- > Current carrying capacity: Max. 3.5 A
- > Type of cable: 2-wire 20 AWG
- > Width: Clip 7 mm (1/4")
- > Drill hole Ø: Clip 10 mm (3/8")
- > Supplied with: 1 interconnecting lead clip/clip

| Length | Item No. |
|-----------------|------------|
| 50 (2") | 833.89.194 |
| 500 (19 11/16") | 833.89.195 |
| 2000 (78 3/4") | 833.89.196 |

Häfele Loox5 clip connector - for LED strip light monochrome, 5 mm (3/16")



- > Current carrying capacity: Max. 3.5 A
- > Width: Clip 7 mm (1/4")
- > Drill hole Ø: Clip 10 mm (3/8")
- > Length: 33.5 mm (1 5/16")
- > Supplied with: 1 clip connector

| Item No. |
|------------|
| 833.89.207 |

Häfele Loox5 corner connector - for LED strip light monochrome, 5 mm (3/16")



- > Current carrying capacity: Max. 3.5 A
- > L x W: 21 x 21 mm (13/16" x 13/16")
- > Supplied with: 1 corner connector

| Item No. |
|------------|
| 833.89.190 |

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

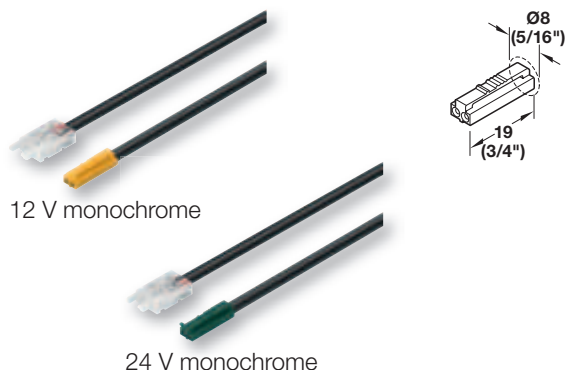
L^{OX}5

Leads

For LED strip light monochrome, 8 mm (5/16")

ALSO
FOR
CONSTANT
CURRENT
STRIP
LIGHTS

Häfele Loox5 lead - for LED strip light monochrome, 8 mm (5/16")



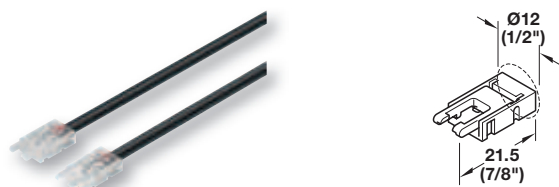
12 V monochrome

24 V monochrome

- > Current carrying capacity: Max. 5 A
- > Type of cable: 2-wire 18 AWG
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Plug 8 mm (5/16")
- > Supplied with: 1 lead plug/clip

| Voltage | Length | Item No. |
|---------|-----------------|------------|
| 5 12V | 100 (4") | 833.93.736 |
| | 500 (19 11/16") | 833.95.701 |
| | 2000 (78 3/4") | 833.95.700 |
| 5 24V | 100 (4") | 833.75.743 |
| | 500 (19 11/16") | 833.95.707 |
| | 2000 (78 3/4") | 833.95.706 |

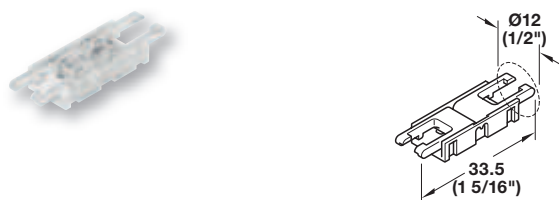
Häfele Loox5 interconnecting lead - for LED strip light monochrome, 8 mm (5/16")



- > Current carrying capacity: Max. 5 A
- > Type of cable: 2-wire 18 AWG
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Clip 12 mm (1/2")
- > Supplied with: 1 lead clip/clip

| Length | Item No. |
|-----------------|------------|
| 50 (2") | 833.89.191 |
| 500 (19 11/16") | 833.89.192 |
| 2000 (78 3/4") | 833.89.193 |

Häfele Loox5 clip connector - for LED strip light monochrome, 8 mm (5/16")



- > Current carrying capacity: Max. 5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Clip 12 mm (1/2")
- > Length: 33.5 mm (1 5/16")
- > Supplied with: 1 clip connector

| Item No. |
|------------|
| 833.89.206 |

Häfele Loox5 corner connector - for LED strip light monochrome, 8 mm (5/16")



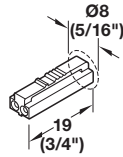
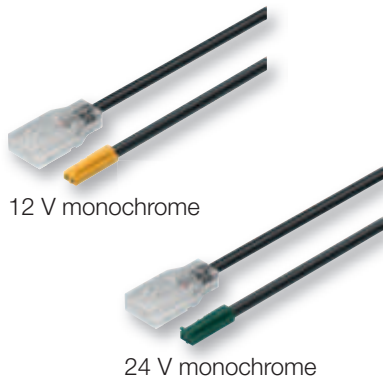
- > Current carrying capacity: Max. 5 A
- > L x W: 24 x 24 mm (15/16" x 15/16")
- > Supplied with: 1 corner connector

| Item No. |
|------------|
| 833.89.187 |

Leads

For LED silicone strip light monochrome, 8 mm (5/16")

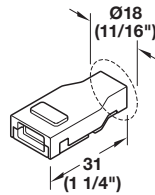
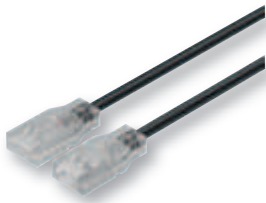
Häfele IP44 Loox5 lead - for LED silicone strip light monochrome, 8 mm (5/16")



- > Current carrying capacity: Max. 5 A
- > Type of cable: 2-wire 18 AWG
- > Width: Silicone plug 15 mm (9/16")
- > Drill hole Ø: Plug 8 mm (5/16")
- > Length: 2000 mm (78 3/4")
- > Supplied with: 1 lead plug/clip

| Voltage | Item No. |
|---------|------------|
| 5 12 V | 833.95.703 |
| 5 24 V | 833.95.709 |

Häfele IP44 Loox5 interconnecting lead - for LED silicone strip light monochrome, 8 mm (5/16")



- > Current carrying capacity: Max. 5 A
- > Type of cable: 2-wire 18 AWG
- > Width: Clip 15 mm (9/16")
- > Drill hole Ø: Clamp 18 mm (11/16")
- > Supplied with: 1 lead clip/clip

| Length | Item No. |
|-----------------|------------|
| 50 (2") | 833.89.203 |
| 500 (19 11/16") | 833.89.204 |
| 2000 (78 3/4") | 833.89.205 |

➔ The leads and clips on page 110 can be used to make IP20 connections for the monochrome 8 mm (5/16") silicon strip.

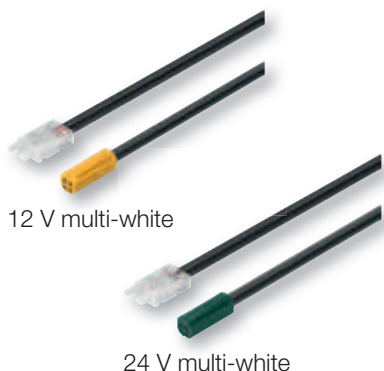
LOOX5

Leads

For LED strip light multi-white, 8 mm (5/16")

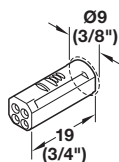


Häfele Loox5 lead - for LED strip light multi-white, 8 mm (5/16")



12 V multi-white

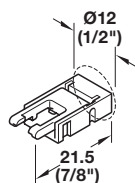
24 V multi-white



- > Current carrying capacity: Max. 3.5 A
- > Type of cable: 3-wire 20 AWG
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Plug 9 mm (3/8")
- > Length: 2000 mm (78 3/4")
- > Supplied with: 1 lead plug/clip

| Voltage | Item No. |
|---------|------------|
| 5 12V | 833.95.702 |
| 5 24V | 833.95.708 |

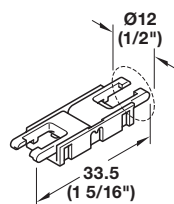
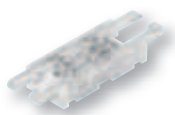
Häfele Loox5 interconnecting lead - for LED strip light multi-white, 8 mm (5/16")



- > Current carrying capacity: Max. 3.5 A
- > Type of cable: 3-wire 20 AWG
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Clip 12 mm (1/2")
- > Supplied with: 1 lead clip/clip

| Length | Item No. |
|-----------------|------------|
| 50 (2") | 833.89.197 |
| 500 (19 11/16") | 833.89.198 |
| 2000 (78 3/4") | 833.89.199 |

Häfele Loox5 clip connector - for LED strip light multi-white, 8 mm (5/16")



- > Current carrying capacity: Max. 3.5 A
- > Width: Clip 10 mm (3/8")
- > Drill hole Ø: Clip 12 mm (1/2")
- > Length: 33.5 mm (1 5/16")
- > Supplied with: 1 clip connector

| Item No. |
|------------|
| 833.89.208 |

Häfele Loox5 corner connector - for LED strip light multi-white, 8 mm (5/16")



- > Current carrying capacity: Max. 3.5 A
- > L x W: 24 x 24 mm (15/16" x 15/16")
- > Supplied with: 1 corner connector

| Item No. |
|------------|
| 833.89.188 |



Leads

For LED strip light RGB, 10 mm (3/8")

ILLUMINATING



EXTENDING



SWITCHING



NETWORKING



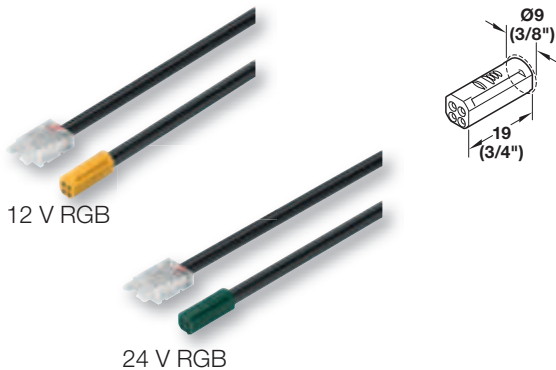
DISTRIBUTING



SUPPLYING



Häfele Loox5 lead - for LED strip light RGB, 10 mm (3/8")



- > Current carrying capacity: Max. 3.5 A
- > Type of cable: 4-wire 20 AWG
- > Width: Clip 12 mm (1/2")
- > Drill hole Ø: Plug 9 mm (3/8")
- > Length: 2000 mm (78 3/4")
- > Supplied with: 1 lead plug/clip

| Voltage | Item No. |
|---------|------------|
| 5 12 V | 833.95.704 |
| 5 24 V | 833.95.710 |

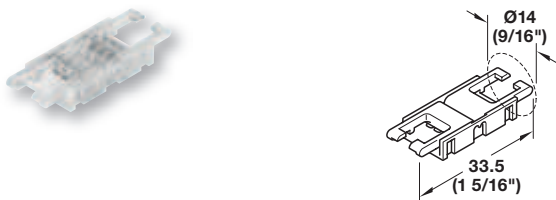
Häfele Loox5 interconnecting lead - for LED strip light RGB, 10 mm (3/8")



- > Current carrying capacity: Max. 3.5 A
- > Type of cable: 4-wire 20 AWG
- > Width: Clip 12 mm (1/2")
- > Drill hole Ø: Clip 14 mm (9/16")
- > Supplied with: 1 lead clip/clip

| Length | Item No. |
|-----------------|------------|
| 50 (2") | 833.89.200 |
| 500 (19 11/16") | 833.89.201 |
| 2000 (78 3/4") | 833.89.202 |

Häfele Loox5 clip connector - for LED strip light RGB, 10 mm (3/8")



- > Current carrying capacity: Max. 3.5 A
- > Width: Clip 12 mm (1/2")
- > Drill hole Ø: Clip 14 mm (9/16")
- > Length: 33.5 mm (1 5/16")
- > Supplied with: 1 clip connector

| Item No. |
|------------|
| 833.89.209 |

Häfele Loox5 corner connector - for LED strip light RGB, 10 mm (3/8")



- > Current carrying capacity: Max. 3.5 A
- > L x W: 26 x 26 mm (1" x 1")
- > Supplied with: 1 corner connector

| Item No. |
|------------|
| 833.89.189 |

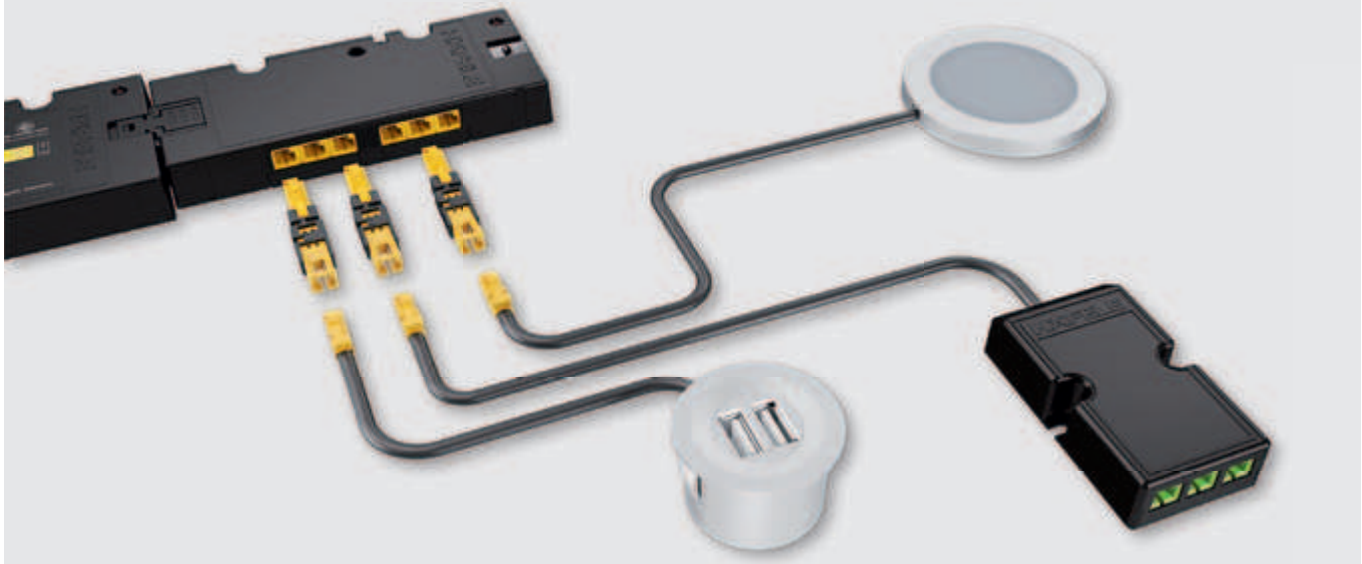
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



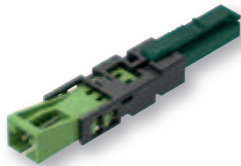
Adapter

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, color mixers for multi-white and RGB as well as electrically operated fittings, converters, etc.
- > Length: 50 mm (2")
- > Current carrying capacity: Max. 3.5 A
- > Drill hole Ø: 12 mm (1/2")
- > Packing: 6 pcs.

| Device | Driver | Max. connected wattage W | Item No. |
|--------|--------|--------------------------|------------|
| 12 V | 5 12 V | Max. 42 | 833.95.753 |
| 24 V | 5 24 V | Max. 84 | 833.77.838 |

! Not suitable for 3-wire Loox plugs (multi-white) or 4-wire Loox plugs (RGB).
The current carrying capacity is limited to 3.5 A.
Observe maximum wattage.

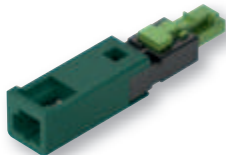
Adapter

Loox driver > Loox5 device

Adapter for devices with Loox5 plug - for connecting to Loox driver



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-wire Loox5 plug, e.g. monochrome lights, distributors, charging stations, etc.
- > Length: 45 mm (1 3/4")
- > Current carrying capacity: Max. 3.5 A
- > Drill hole Ø: 13 mm (1/2")
- > Packing: 6 pcs.

| Device | Driver | Max. connected wattage W | Item No. |
|--------|--------|--------------------------|------------|
| 5 12V | 12V | Max. 42 | 833.95.752 |
| 5 24V | 24V | Max. 84 | 833.77.837 |

! Not suitable for 4-wire Loox5 plugs (multi-white or RGB).
The current carrying capacity is limited to 3.5 A.
Observe maximum wattage.

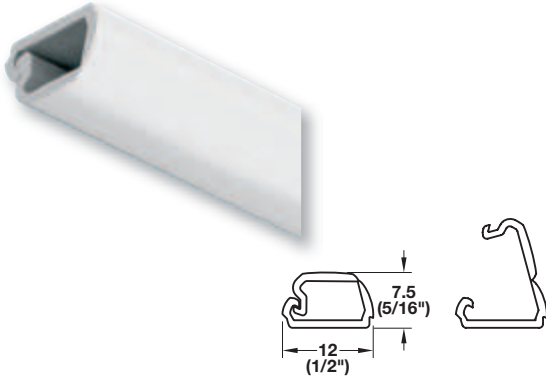
Adapter leads for LED strip lights with Loox5 clip - for connecting to Loox driver or color mixer

> Length: 2000 mm (78 3/4")

| Device | Driver/color mixer | for LED strip light | Item No. |
|--------|--------------------|--------------------------|------------|
| 5 12V | 12V | monochrome 5 mm (3/16") | 833.72.742 |
| | | monochrome 8 mm (5/16") | 833.72.716 |
| | | multi-white 8 mm (5/16") | 833.72.717 |
| | | RGB 10 mm (3/8") | 833.72.718 |
| 5 24V | 24V | monochrome 5 mm (3/16") | 833.75.732 |
| | | monochrome 8 mm (5/16") | 833.75.705 |
| | | multi-white 8 mm (5/16") | 833.75.706 |
| | | RGB 10 mm (3/8") | 833.75.707 |

Cable routing

Häfele Loox cable channel



- > Material: Plastic
- > L x W x H: 2500 x 12 x 7.5 mm (98 7/16" x 1/2" x 5/16")
- > Application: Concealing visible cables in furniture and cabinets
- > Supplied with: 1 cable channel with adhesive tape

| Color | Item No. |
|-----------------|------------|
| Black, RAL 9005 | 833.89.033 |
| Brown, RAL 8007 | 833.89.023 |
| White, RAL 9010 | 833.89.013 |

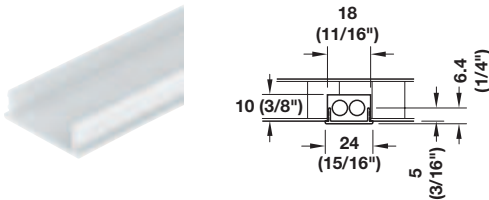
Cable management channel



- > Material: Plastic
- > L x W x H: 2438 x 36.5 x 5 mm (96" x 1 7/16" x 3/16")
- > Application: Concealing visible cables in furniture and cabinets

| Color | Item No. |
|-------|------------|
| Tan | 833.16.040 |
| Black | 833.16.041 |
| White | 833.16.042 |

Wire management cover - recess mounted



- > Material/Color: Plastic, white RAL 9010
- > Length: 2500 mm (98 3/8")
- > Application: Concealing visible cables in furniture and cabinets

| Item No. |
|------------|
| 833.00.730 |

Wire management cover - recess mounted



- > Material: Plastic
- > L x W x H: 51 x 25 x 16 mm (2" x 1" x 5/8")

| Color | Item No. |
|-------|------------|
| Black | 824.19.396 |
| White | 824.19.796 |

Accessories

Drill bits and systems

Machine boring bit - RH



> Material: Carbide

| Dimensions | Item No. |
|-----------------------------|------------|
| Ø 26 x 70 (1" x 2 3/4") | 001.08.004 |
| Ø 28 x 70 (1 1/8" x 2 3/4") | 001.08.012 |
| Ø 35 x 70 (1 3/8" x 2 3/4") | 001.08.006 |
| Ø 40 x 70 (1 5/8" x 2 3/4") | 001.06.865 |

Machine boring bit - with center spur - RH



> Material: Carbide

| Dimensions | Item No. |
|---|------------|
| Ø 55 x 57 (2 3/16" x 2 1/4") | 001.07.513 |
| Ø 58 x 57 (2 5/16" x 2 1/4") | 001.07.522 |
| Ø 60 x 57 x 10 (2 3/8" x 2 1/4" x 3/8") | 001.08.040 |
| Ø 68 x 70 x 10 (2 11/16" x 2 3/4" x 3/8") | 001.08.016 |

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Accessories

Drill bits and systems

Drilling jig - for puck light



> Supplied with: Jig, 2 boring bits, 1 drill bit

| | Item No. |
|--|------------|
| | 001.35.052 |

Drill bit - for puck light, with stop



> Material: M2 HSS Steel
 > Ø x L: 10 x 457 mm (3/8" x 18")
 > Supplied with: Hex key

| | Item No. |
|--|------------|
| | 001.35.053 |

! High grade steel material for increased drill life. Allows for deeper wire holes.

Forstner bit assembly - for puck light



> Material: HSS Steel
 > Supplied with: Adjustable depth stop, collar, hex key

| Ø | Item No. |
|-------------|------------|
| 54 (2 1/8") | 001.35.054 |
| 56 (2 1/4") | 001.35.055 |

! Superior Austrian quality. High grade steel material with patented wave cutting edge. Patented cutting edge drills 10x faster than standard bits. Modified low-profile brad point tip for flat bottom hole.

Supplying



Häfele Loox5 drivers 12 V

| | |
|------------------------------|------------|
| Wall plug drivers 12 V | > Page 121 |
| Leads 12 V | > Page 121 |
| Constant voltage 12 V | > Page 122 |
| Country-specific power cords | > Page 122 |



Häfele Loox5 drivers 24 V

| | |
|-----------------------|-----------------|
| Constant voltage 24 V | > Pages 123–124 |
|-----------------------|-----------------|



Häfele Loox converters

| | |
|------------------------|------------|
| Converter 24 V to 12 V | > Page 125 |
| Converter 12 V to 24 V | > Page 125 |



Lutron stand alone

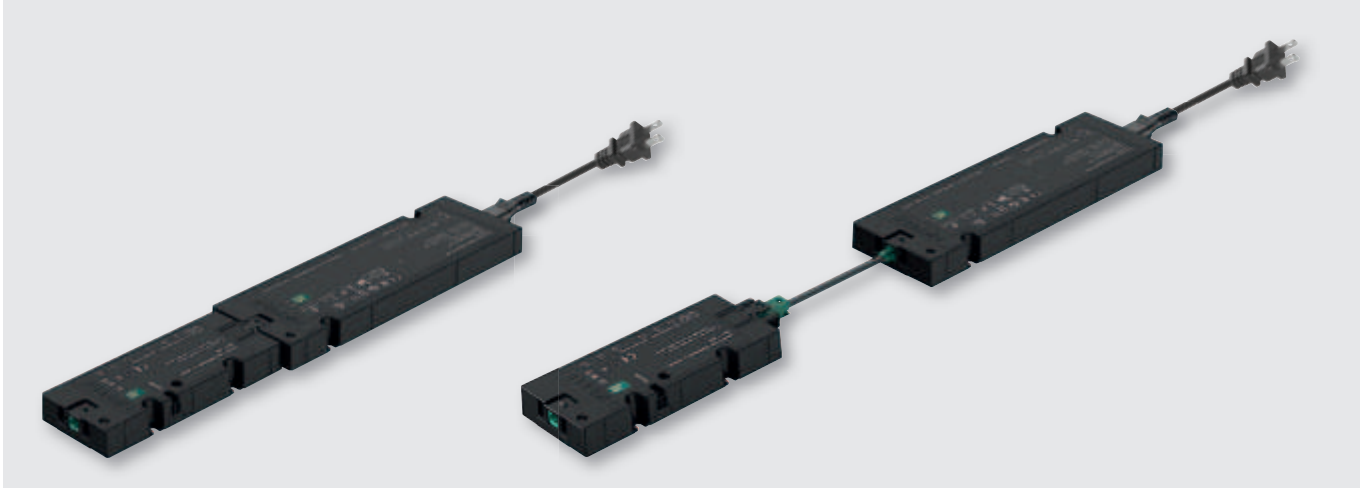
| | |
|---|-----------------|
| Wall dimming controls (LV) | > Page 126 |
| Wall plates | > Page 126 |
| Wall dimming controls (CL) | > Page 127 |
| Wall dimming controls (0–10 V) | > Page 128 |
| Wall dimming controls 2 wire Caséta Pro | > Pages 129–130 |
| Dimming LED driver 12 V | > Page 131 |
| Hardwired driver 12 V | > Page 132 |
| Dimming LED driver 24 V | > Page 133 |
| Hardwired driver 24 V | > Page 134 |
| Ecosystem® driver 24 V | > Pages 135–136 |
| Remotes | > Page 137 |



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Supplying

Central or decentralized supply



Central and compact

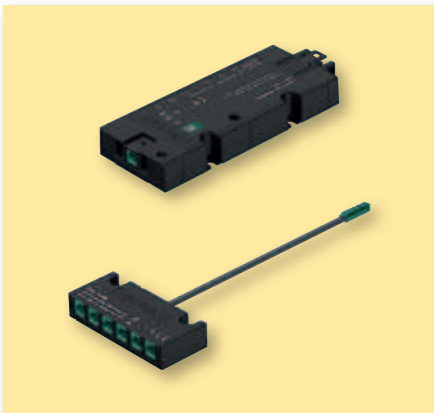
Driver with 6-way distributor via box to box plug-in connection for compact dimensions.

Decentralized

Driver at the entry point of a given socket position. Decentralized 6-way distributor via cable connection.

3-level control concept

Loox5 specializes 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

- > 6-way distributors see page 103
- > Häfele Connect Mesh 6-way distributor see page 97
- > Extension leads see page 108

Drivers

12 V

Häfele Loox wall plug driver 12 V

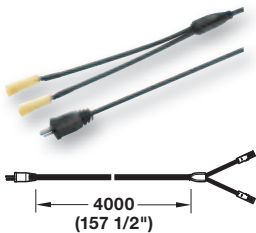


Driver 15 W US
833.74.936

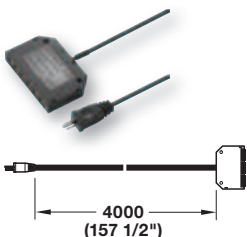
- > Material/Color: Plastic, black
- > Degree of protection: IP20
- > Input voltage: 100–240 V~; 50–60 Hz
- > Output voltage: DC 12 V
- > Standby power consumption: 0.1 W
- > Supplied with: 1 wall plug driver

| Plug design/designation | Output power W | L x W x H | Item No. |
|-------------------------|----------------|---|-------------------|
| US | 6 | 61 x 37 x 43 (2 3/8" x 1 7/16" x 1 11/16") | 833.74.934 |
| | 15 | 78 x 46 x 54 (3 1/16" x 1 13/16" x 2 1/8") | 833.74.936 |
| | 27 | 84 x 50 x 58 (3 5/16" x 2" x 2 5/16") | 833.74.938 |

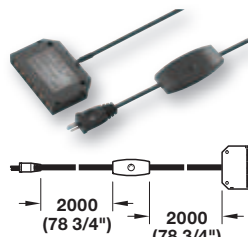
Häfele Loox leads 12 V



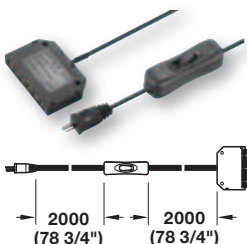
833.74.749



833.74.748



833.74.709



833.74.746

- > Length: 4000 mm (157 1/2")

| 12V Plug design/designation | Item No. |
|---|-------------------|
| 2.5 A/22 AWG with 2 slots | 833.74.749 |
| 2.5 A/22 AWG with 6-way distributor | 833.74.748 |
| 2.5 A/22 AWG with dimmer and 6-way distributor | 833.74.709 |
| 2.5 A/22 AWG with rocker switch and 6-way distributor | 833.74.746 |

- > Length: 2000 mm (78 3/4")

| 12V Plug design/designation | Item No. |
|-----------------------------|-------------------|
| 2.5 A/22 AWG with 1 slot | 833.74.791 |

! **5 12V** **12V** All sockets for 12 V Loox. Please order 6-piece adapter set 833.95.752 for Loox5 devices separately, see page 115.

Note
! Loox lights and drivers are "Suitable for use within closet storage spaces"

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Drivers

12 V

Häfele Loox5 driver constant voltage 12 V



EXTRA SLIM

- > Version: With overload protection
- > Material/Color: Plastic, 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: >70,000 hours
- > Safety: Class 2
- > Supplied with: 1 driver with mounting accessories

| 5 12V | Output power | Output current | Standby power consumpt. | L x W x H | Item No. |
|-------|--------------|----------------|-------------------------|--|-------------------|
| | W | A | W | | |
| 1 | 20 | 1.67 | ≤0.2 W | 140 x 50 x 16 (5 1/2" x 2" x 5/8") | 833.95.000 |
| 2 | 40 | 3.33 | ≤0.3 W | 191 x 60 x 16 (7 1/2" x 2 3/8" x 5/8") | 833.95.002 |
| 3 | 60 | 5.00 | ≤0.3 W | 230 x 70 x 16 (9 1/16" x 2 3/4" x 5/8") | 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 10,000 mm (393 11/16"). 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).

Note
! Loox lights and drivers are "Suitable for use within closet storage spaces"

Country-specific power cords - 2000 mm (78 3/4") lead length, socket at the cable: C7

| | 3000 mm (118") | | | | | | | | |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Plug design | | | | | | | | | |
| Description | US | UK | AU | EU | JP | CN | KR | US | US |
| Supplied with | 1 pc. | 1 pc. | 1 pc. | 1 pc. | 1 pc. | 1 pc. | 1 pc. | 1 pc. | 1 pc. |
| Item No. | 833.89.003 | 833.89.000 | 833.89.001 | 833.89.002 | 833.89.016 | 833.89.005 | 833.89.006 | 833.89.050 | 833.89.008 |

Power cord - with 90° plug



> Length: 2000 mm (78 3/4")
> Material/Color: Plastic, black

| |
|-------------------|
| Item No. |
| 833.89.017 |

90° plug adapter



> Material/Color: Plastic, black

| |
|-------------------|
| Item No. |
| 833.89.018 |

Drivers

24 V

Häfele Loox5 driver constant voltage 24 V



- > Version: With overload protection
- > Material/Color: Plastic, 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: >70,000 hours
- > Safety: Class 2
- > Supplied with: 1 driver with mounting accessories

| 5 ^{24V} | Output power W | Output current A | Standby power consumpt. W | L x W x H (mm) | Item No. |
|------------------|-------------------|---------------------|------------------------------|---|------------|
| 1 | 20 | 0.83 | ≤0.2 W | 140 x 50 x 16 (5 1/2" x 2" x 5/8") | 833.95.008 |
| 2 | 40 | 1.67 | ≤0.3 W | 191 x 60 x 16 (7 1/2" x 2 3/8" x 5/8") | 833.95.010 |
| 3 | 90 | 3.75 | ≤0.3 W | 316 x 70 x 16 (12 7/16" x 2 3/4" x 5/8") | 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 10,000 mm (393 11/16"). 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).

Note
Loox lights and drivers are "Suitable for use within closet storage spaces"



Country-specific power cords - 2000 mm (78 3/4") lead length, socket at the cable: C7

| | 3000 mm (118") | | | | | | | | |
|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Plug design | | | | | | | | | |
| Description | US | UK | AU | EU | JP | CN | KR | US | US |
| Supplied with | 1 pc. | 1 pc. | 1 pc. | 1 pc. | 1 pc. | 1 pc. | 1 pc. | 1 pc. | 1 pc. |
| Item No. | 833.89.003 | 833.89.000 | 833.89.001 | 833.89.002 | 833.89.016 | 833.89.005 | 833.89.006 | 833.89.050 | 833.89.008 |

Power cord - with 90° plug



- > Length: 2000 mm (78 3/4")
- > Material/Color: Plastic, black
- > Supplied with: 1 pc.

| | |
|--|-------------------|
| | Item No. |
| | 833.89.017 |

90° plug adapter



- > Material/Color: Plastic, black
- > Supplied with: 1 pc.

| | |
|--|-------------------|
| | Item No. |
| | 833.89.018 |

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Drivers

24 V

Häfele Loox5 driver constant voltage 24 V



Driver 270 W, 100–120 V~
833.95.022



- > Version: With overload protection
- > Material/Color: Plastic, black
- > Degree of protection: IP20
- > Standby power consumption: <0.5 W
- > Output voltage: DC 24 V
- > L x W x H: 234 x 75 x 38 mm
(9 3/16" x 2 15/16" x 1 1/2")
- > Life time: >70,000 hours
- > Safety: Class 2
- > Supplied with: 1 driver with mounting accessories

| 5 ^{24V} | Input voltage | Output power W | Output current A | Number of connections Loox5 24 V | Item No. |
|--|-------------------------|-------------------|---------------------|--|-------------------|
| 100–120 V~: typical input voltage in US, JP, CN, TW | | | | | |
| 4 | 100–120 V~, 50–60 Hz | 270 (3 x 90) | 3 x 3.75 | 3x socket | 833.95.022 |

⚠ 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 10,000 mm (393 11/16"). 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).

Note
⚠ Loox lights and drivers are "Suitable for use within closet storage spaces"

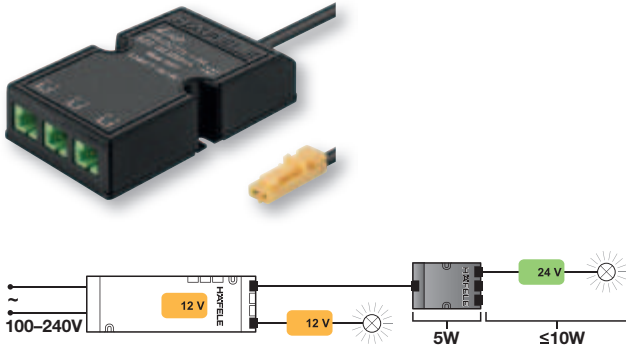
Country-specific power cords - 2000 mm (78 3/4") lead length, socket at the cable: C13

| Plug design | | | | | | | | | | |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Description | UK | AU | EU | US | JP | CN | KR | TW | EU | US |
| Supplied with | 1 pc. | 1 p.c | 1 pc. | 1 pc. | 1 pc. | 1 pc. | 1 pc. | 1 pc. | 1 pc. | 1 pc. |
| Item No. | 833.89.256 | 833.89.257 | 833.89.258 | 833.89.259 | 833.89.260 | 833.89.261 | 833.89.262 | 833.89.263 | 833.89.265 | 833.89.264 |

Converters



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



12 V 5 12 V

Loox5 12 V driver see page 122.
Please order 6-piece adapter set
833.95.753 separately, see page 114.

- > Application: Connecting 24 V lights to the 12 V system
- > Wattage: Input 15 W, output 10 W
- > Standby power consumption W: 0.3
- > Primary side: DC 12 V
- > Secondary side: DC 24 V
- > Number of output ports: 3 connections for 24 V lights
- > L x W x H: 61 x 34 x 15 mm (2 3/8" x 1 5/16" x 9/16")
- > Supplied with: 1 converter with 200 mm (7 7/8") lead

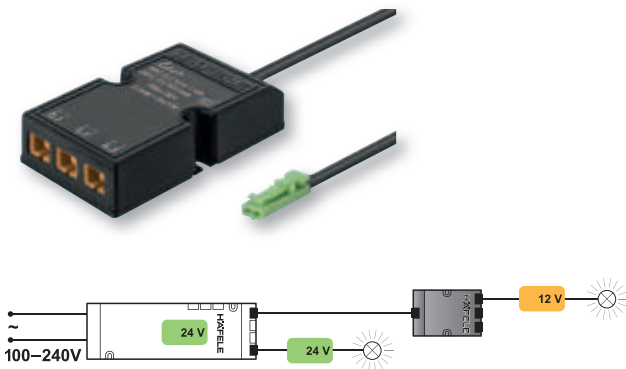
Item No.

833.77.934



Maximum possible connected rating of 10 W per converter.

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



24 V 5 24 V

Loox5 24 V driver see page 123.
Please order 6-piece adapter set
833.77.838 separately, see page 114.

- > Application: Connecting 12 V lights to the 24 V system
- > Wattage: Input 15 W, output 10 W
- > Standby power consumption W: 0.3
- > Primary side: DC 24 V
- > Secondary side: DC 12 V
- > Number of output ports: 3 connections for 12 V lights
- > L x W x H: 61 x 34 x 15 mm (2 3/8" x 1 5/16" x 9/16")
- > Supplied with: 1 converter with 200 mm (7 7/8") lead

Item No.

833.74.947



Maximum possible connected rating of 10 W per converter.

Lutron stand alone

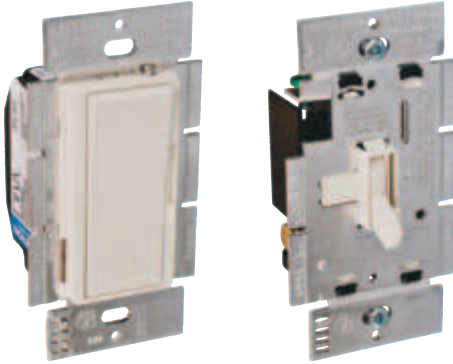
Wall dimming controls 2 wire low voltage (LV)



Wall dimming controls - 110-120 VAC

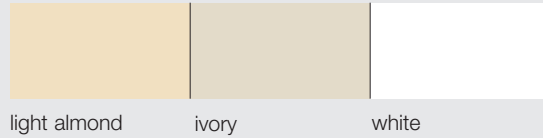
Diva

Ariadni



- > Material: Plastic, Aluminum
- > Wattage: 600
- > L x W x H: 115 x 57 x 55 mm (4 1/2" x 2 1/4" x 2 3/16")
- > Supplied with: Mounting screws, wire nuts, installation instructions

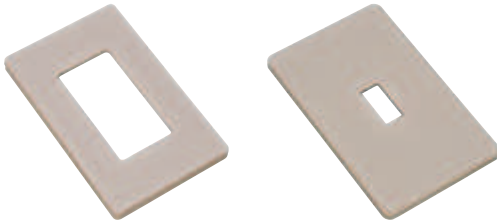
| Color | Diva | Ariadni |
|--------------|------------|------------|
| Light almond | 820.66.452 | 820.66.455 |
| Ivory | 820.66.652 | 820.66.655 |
| White | 820.66.752 | 820.66.755 |



Wall plates

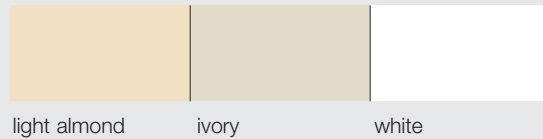
Diva

Ariadni



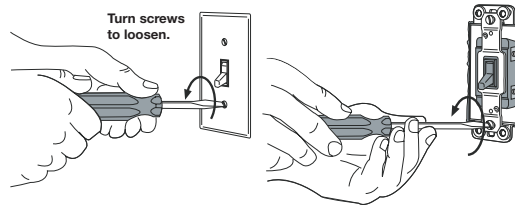
- > Material: Plastic
- > L x W x H: 120 x 70 x 10 mm (4 3/4" x 2 3/4" x 3/8")
- > Supplied with: Mounting screws, cover plate

| Color | Diva | Ariadni |
|--------------|------------|------------|
| Light almond | 820.66.453 | 820.66.456 |
| Ivory | 820.66.653 | 820.66.656 |
| White | 820.66.753 | 820.66.756 |



! Control multiple LED light bars, LED strip lights and pucks up to 600 W. Great for dining rooms, bedrooms, bathrooms, and kitchens. Dimming offers energy savings over standard wall switches. Dimming to 1% with smooth, continuous, flicker-free performance. Arrives ready to install. Input voltage: 110 - 120 VAC, 60 Hz, 600 VA / 450 W Operate between 32 °F (0 °C) and 104 °F (40 °C). 0% to 90% humidity, non-condensing 12 VDC E-Series drivers see page 132. 24 VDC E-Series drivers see page 134. Lutron drivers see pages 131, 133, 135, 136.

! For installation by a qualified electrician in accordance with all local and national electrical codes. Use copper conductors only. For indoor use only. Check to see that the driver type and rating are suitable for the application. **Compatible with E-series and Lutron Low Voltage Drivers.** DO NOT install if product has any visible damage. If moisture or condensation is evident, allow the product to dry completely before installation.



Lutron stand alone

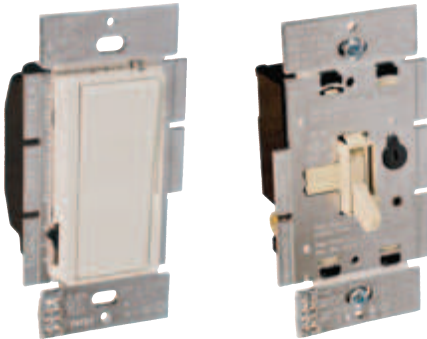
Wall dimming controls 2 wire forward phase (CL)



Diva and Ariadni wall dimming controls

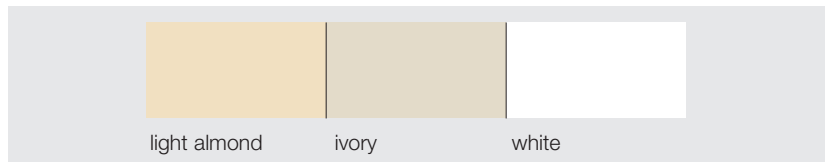
Diva

Ariadni



- > Material: Plastic, Aluminum
- > Wattage: 150
- > L x W x H: 115 x 57 x 55 mm (4 1/2" x 2 1/4" x 2 3/16")
- > Supplied with: Mounting screws, wire nuts, installation instructions

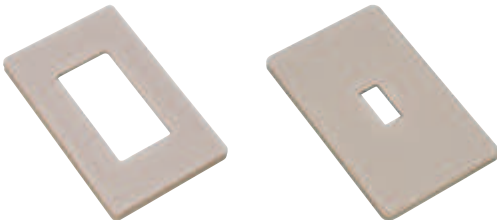
| Color | Diva | Ariadni |
|--------------|------------|------------|
| Light almond | 820.66.451 | 820.66.454 |
| Ivory | 820.66.651 | 820.66.654 |
| White | 820.66.751 | 820.66.754 |



Diva and Ariadni wall plates

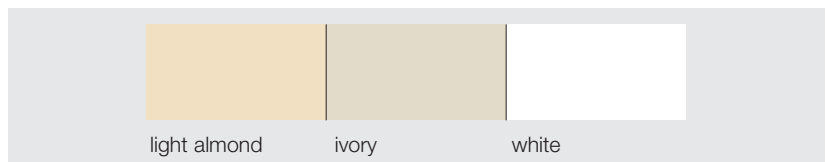
Diva

Ariadni



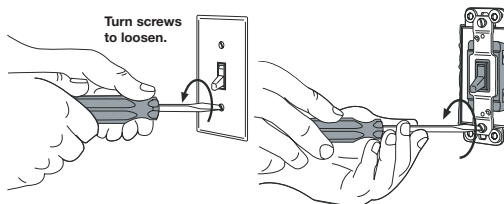
- > Material: Plastic
- > L x W x H: 120 x 70 x 10 mm (4 3/4" x 2 3/4" x 3/8")
- > Supplied with: Mounting screws, cover plate

| Color | Diva | Ariadni |
|--------------|------------|------------|
| Light almond | 820.66.453 | 820.66.456 |
| Ivory | 820.66.653 | 820.66.656 |
| White | 820.66.753 | 820.66.756 |



! Control up to 150 W of LED light bars, LED strip lights or pucks. Great for dining rooms, bedrooms, bathrooms, closets and kitchens. Dimming offers energy savings over standard wall switches. Dimming to 1% with smooth, continuous, flicker-free performance. Arrives ready to install. Input voltage: 110 - 120 VAC, 60 Hz Operate between 32 °F (0 °C) and 104 °F (40 °C). 0% to 90% humidity, non-condensing 12 VDC E-Series drivers see page 132. 24 VDC E-Series drivers see page 134. Lutron drivers see pages 131, 133, 135, 136.

! For installation by a qualified electrician in accordance with all local and national electrical codes. Use copper conductors only. For indoor use only. Check to see that the driver type and rating are suitable for the application. **Compatible with E-series and Lutron Low Voltage Drivers.** DO NOT install if product has any visible damage. If moisture or condensation is evident, allow the product to dry completely before installation.



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



Lutron stand alone

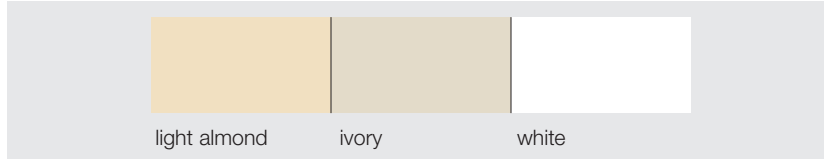
Wall dimming controls 2-conductor signal wire (0-10 V)



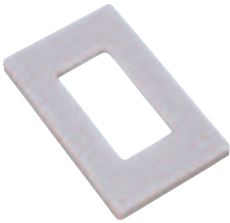
Diva wall dimmers



| Color | Item No. |
|--------------|------------|
| Light almond | 820.66.450 |
| Ivory | 820.66.650 |
| White | 820.66.750 |



Diva wall plates

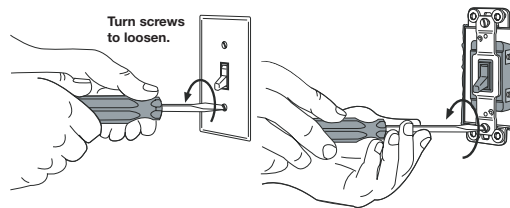


| Color | Item No. |
|--------------|------------|
| Light almond | 820.66.453 |
| Ivory | 820.66.653 |
| White | 820.66.753 |



! Great for dining rooms, bedrooms, bathrooms, closets and kitchens. Dimming offers energy savings over standard wall switches. Dimming to 1% with smooth, continuous, flicker-free performance. Arrives ready to install. Works with Loox Dimmer Interface Module and Loox Driver to offer secondary side dimming. Operate between 32 °F (0 °C) and 104 °F (40 °C). 0% to 90% humidity, non-condensing 12 VDC Loox drivers see page 122. 24 VDC Loox drivers see pages 123–124. Loox dimmer Interface see page 93. Leads see pages 122–124.

! For installation by a qualified electrician in accordance with all local and national electrical codes. Use copper conductors only. For indoor use only. Check to see that the driver type and rating are suitable for the application. **Compatible with Loox Driver and Loox Dimmer Interface Module.** DO NOT install if product has any visible damage. If moisture or condensation is evident, allow the product to dry completely before installation.



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Lutron stand alone

Wall dimming controls 2 wire Caséta Pro



ILLUMINATING



EXTENDING



SWITCHING



NETWORKING



DISTRIBUTING



SUPPLYING

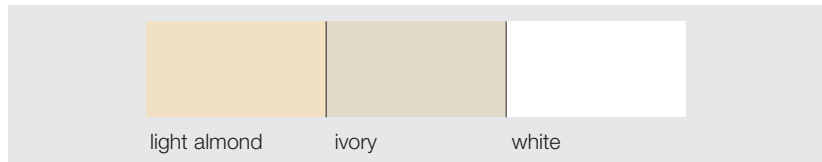


Diva wall dimmers



- > Material: Plastic, Aluminum
- > Wattage: 250
- > L x W x H: 115 x 57 x 55 mm
(4 1/2" x 2 1/4" x 2 3/16")
- > Supplied with: Mounting screws, wire nuts, installation instructions

| Color | Item No. |
|--------------|------------|
| Light almond | 820.66.400 |
| Ivory | 820.66.410 |
| White | 820.66.780 |

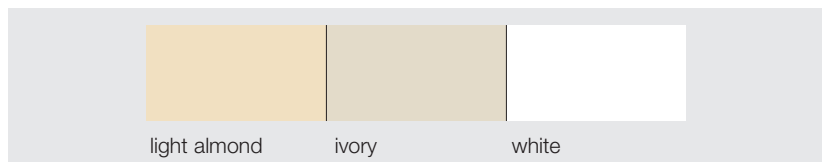


Diva wall plates



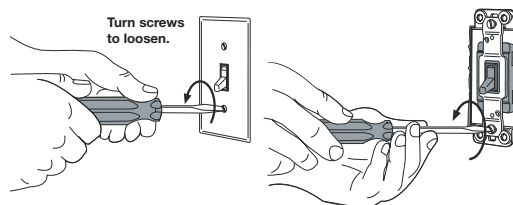
- > Material: Plastic
- > L x W x H: 120 x 70 x 10 mm
(4 3/4" x 2 3/4" x 3/8")
- > Supplied with: Mounting screws, cover plate

| Color | Item No. |
|--------------|------------|
| Light almond | 820.66.453 |
| Ivory | 820.66.653 |
| White | 820.66.753 |



! Control multiple LED light bars, LED strip lights and pucks up to 250 W. Great for dining rooms, bedrooms, bathrooms, closets and kitchens. Dimming to 1% offers energy savings over standard wall switches. Single pole/multi-location 250 W dimmable LED/CFL 1000 W incandescent/halogen; 1000 VA MLV Neutral optional 434 MHz Works with Remote and Gateway for multiple Control locations. Operate between 32 °F (0 °C) and 104 °F (40 °C). 0% to 90% humidity, non-condensing 12 VDC E-Series drivers see page 132. 24 VDC E-Series drivers see page 134. Lutron drivers see pages 131, 133, 135, 136.

! For installation by a qualified electrician in accordance with all local and national electrical codes. Use copper conductors only. For indoor use only. Check to see that the driver type and rating are suitable for the application. **Compatible with E-series and Lutron Low Voltage Drivers.** DO NOT install if product has any visible damage. If moisture or condensation is evident, allow the product to dry completely before installation.



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



Lutron stand alone

Caséta wall dimmer



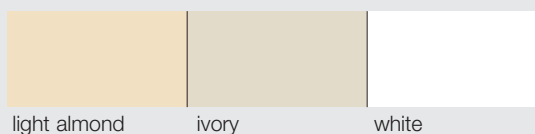
Remote control - for Caséta wall dimmer



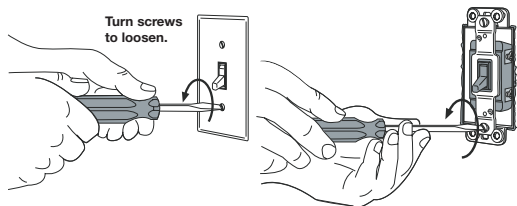
- > Material: Plastic
- > W x H x D: 67 x 33 x 8 mm
(2 5/8" x 1 5/16" x 5/16")
- > Supplied with: CR2032 battery

! Dimming control
4-button with raise/lower and light icon engraving.
434 MHz
Pair additional remotes to main wall dimmer for added dimming control locations.
3 V - 10 mA
Uses single CR 2032 battery

| Color | Item No. |
|--------------|------------|
| Light almond | 825.73.771 |
| Ivory | 825.73.772 |
| White | 825.73.770 |

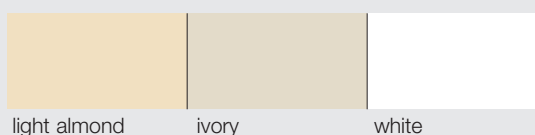


Diva wall plate



- > Material: Plastic
- > L x W x H: 120 x 70 x 10 mm
(4 3/4" x 2 3/4" x 3/8")
- > Supplied with: Mounting screws, cover plate

| Color | Item No. |
|--------------|------------|
| Light almond | 820.66.453 |
| Ivory | 820.66.653 |
| White | 820.66.753 |



+ **Gateway smart bridge for Caséta Pro, 5 V**
 > Material/Color: Plastic, white
 > W x H X D: 70 x 70 x 30 mm
(2 3/4" x 2 3/4" x 1 3/16")
 > Supplied with: 120 V-5 V, 300 mA power supply

| Item No. |
|------------|
| 830.69.887 |

+ **Mounting bracket for remote control**
 > Allows for easy installation of a remote control over an existing wall box or directly on any wall surface.
 > Material/Color: Plastic, clear
 > W x H X D: 95 x 35 x 10 mm
(3 3/4" x 1 3/8" x 3/8")

| Item No. |
|------------|
| 825.73.775 |

! Enables control of lights, shades, and temperature using the Lutron App.
 Compatible with Caséta® Wireless dimmers and switches, Serena® battery-powered shades, Lutron Wireless Thermostat, Nest Learning Thermostat, and select Honeywell® Wi-Fi thermostats.
 Easy to install; just plugs into your Wi-Fi router.
 Uses Clear Connect® wireless technology— no callbacks.

! **Lutron App for Smart Devices**
 Works in conjunction with the Caséta® Pro Wall Dimmer and Smart Bridge PRO.
 Control individual lights, shades, and thermostats - even when you're away from home.
 Add scenes to control multiple lights and shades with a single touch.
 Schedule scenes to adjust lights and shades automatically.
 Download for free from the App Store® or Google Play™.

Lutron

Dimming LED driver

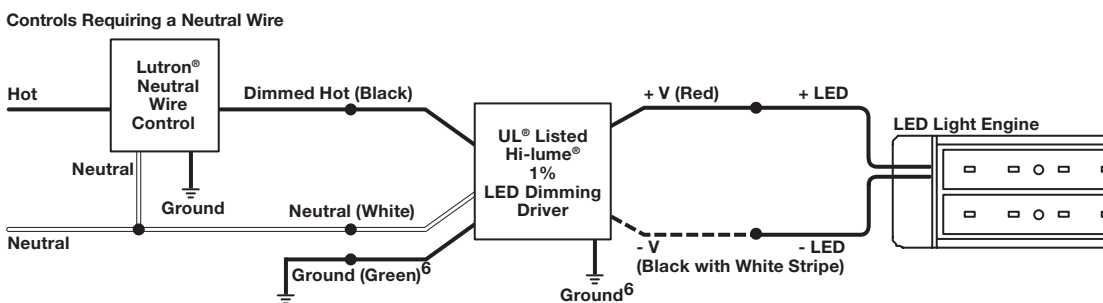


12 V driver



- > Wattage: 40
- > Input voltage: 110–120 VAC
- > Output voltage: 12 VDC
- > W x H x D: 124 x 100 x 68 mm (4 7/8" x 4" x 2 5/8")

Item No.
833.02.961



- ! Control multiple LED light bars, LED strip lights and pucks up to 40 W. 10 W minimum load.
- Remote mount driver up to 40 ft. away from LED source for 12 V option.
- Provided on a junction box for easy installation and wire termination.
- Dimming to 1% with smooth, continuous, flicker-free performance.
- Class 2 protection device.
- Arrives ready to install.
- Operate between 32 °F (0 °C) and 104 °F (40 °C).
- 0% to 90% humidity, non-condensing.
- Hi-lume 1% LED dimming drivers offer a filtered, regulated power source that works well with LED solid state lights.
- 3 wire eco-systems driver solutions are available upon request.

- ! For installation by a qualified electrician in accordance with all local and national electrical codes. For indoor use and copper conductors only. Check to see that the driver type and rating are suitable for the application.
- Compatible with CL Dimmers and other Lutron Dimmers and Systems.** DO NOT install if product has any visible damage. If moisture or condensation is evident, allow the product to dry completely before installation.

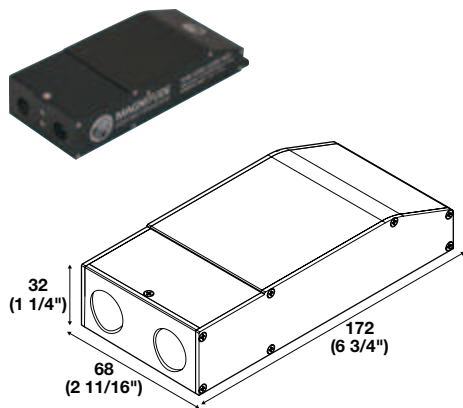
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



Hardwired driver

12 V

Dimmable E-series driver



- > Material/Finish: Aluminum, black
- > L x W x H: 172 x 69 x 32 mm
(6 3/4" x 2 11/16" x 1 1/4")

| Max. load | Output current | Item No. |
|-----------|----------------|-------------------|
| 20 W | 1.67 A | 833.02.964 |
| 40 W | 3.33 A | 833.02.963 |
| 60 W | 5 A | 833.02.962 |

- ! Output Voltage: 12 VDC
- Input Voltage: 120 V 60 Hz
- Degree of protection: Nema 3R enclosure type
- Hard wired by licensed electrician only.
- Dimmable with any standard MLV/CL (Triac) Forward Phase Dimmer Switch.
- Class 2 low voltage power supply.
- 8 W min load

Distribution block - with 6 ports



- > Material/Color: Plastic, black
- > Supplied with: Mounting hardware

| Item No. |
|-------------------|
| 833.02.748 |

- ! 6-way distribution block with bare wire ends.
- 20 AWG cable
- Add to any hardwired dimmable driver to turn output into modular connectors to Loox lights.
- Wires are marked for polarity.

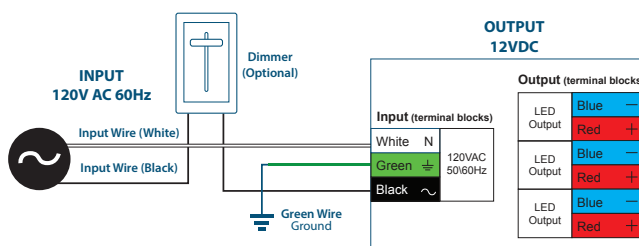
High output dimmable LED driver



- ! 3 x 60 W independent output circuits.
- Hard wired by licensed electrician only.
- Dimmable with any standard MLV/CL/Incandescent (Triac) Forward Phase Dimmer Switch.
- Class 2 low voltage power supply.
- Auto-reset protection for short circuits and over-voltage.
- Easy installation using terminal blocks.
- 8 W min per circuit

- > Material/Finish: Steel, white
- > Input voltage: 120 V 60 Hz
- > Output voltage: 12 VDC
- > Max. load: 180 W
- > Output current: 15 A
- > Degree of protection: Nema 3R enclosure type
- > L x W x H: 279.4 x 304.8 x 54 mm
(11" x 12" x 2.13")

| Item No. |
|-------------------|
| 833.02.927 |



Lutron

Dimming LED driver



ILLUMINATING



EXTENDING



SWITCHING



NETWORKING



DISTRIBUTING



SUPPLYING



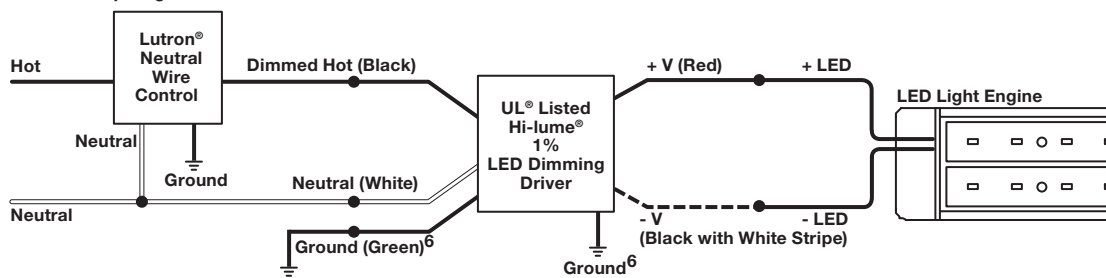
24 V driver



- > Wattage: 40
- > Input voltage: 110–120 VAC
- > Output voltage: 24 VDC
- > W x H x D: 124 x 100 x 68 mm (4 7/8" x 4" x 2 5/8")
- > Supplied with: Driver, double gang box, wire nuts, instructions

Item No.
833.05.905

Controls Requiring a Neutral Wire



Control multiple LED light bars, LED strip lights and pucks up to 40 W.
10 W minimum load.
Remote mount driver up to 40 ft. away from LED source for 24 V option.
Provided on a junction box for easy installation and wire termination.
Dimming to 1% with smooth, continuous, flicker-free performance.
Class 2 protection device.
Arrives ready to install.
Operate between 32 °F (0 °C) and 104 °F (40 °C).
0% to 90% humidity, non-condensing.
Hi-lume 1% LED dimming drivers offer a filtered, regulated power source that works well with LED solid state lights.
24 VDC 96 W driver available upon request.

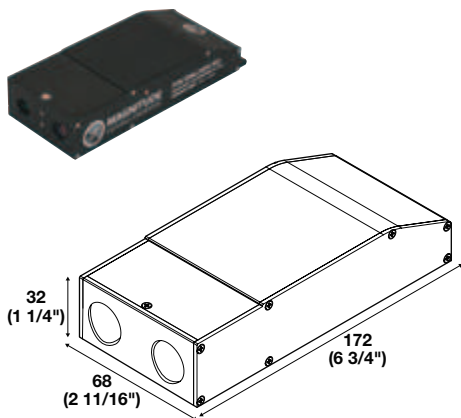


For installation by a qualified electrician in accordance with all local and national electrical codes. For indoor use and copper conductors only. Check to see that the driver type and rating are suitable for the application.
Compatible with CL Dimmers and other Lutron Dimmers and Systems. DO NOT install if product has any visible damage. If moisture or condensation is evident, allow the product to dry completely before installation.

Hardwired driver

24 V

Dimmable E-series driver



- > Material/Finish: Aluminum, black
- > L x W x H: 172 x 69 x 32 mm (6 3/4" x 2 11/16" x 1 1/4")

| Max. load | Output current | Item No. |
|-----------|----------------|-------------------|
| 20 W | 0.83 A | 833.02.970 |
| 40 W | 1.66 A | 833.02.969 |
| 60 W | 2.5 A | 833.02.968 |
| 75 W | 3.13 A | 833.02.967 |
| 96 W | 4.0 A | 833.02.966 |

- ! Output Voltage: 24 VDC
- Input Voltage: 120 V 60 Hz
- Degree of protection: Nema 3R enclosure type
- Hard wired by licensed electrician only.
- Dimmable with any standard MLV/CL (Triac) Forward Phase Dimmer Switch.
- Class 2 low voltage power supply.
- 8 W min load.

Distribution block - with 6 ports



- > Material/Color: Plastic, black
- > Supplied with: Mounting hardware

| Item No. |
|-------------------|
| 833.05.797 |

- ! 6-way distribution block with bare wire ends.
- 20 AWG cable
- Add to any hardwired dimmable driver to turn output into modular connectors to Loox lights.
- Wires are marked for polarity.

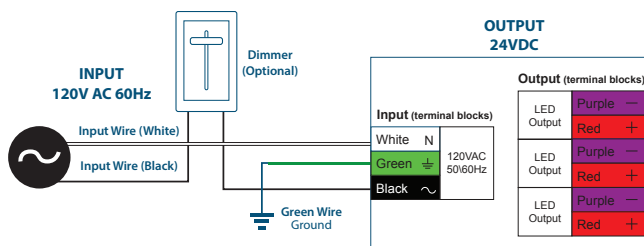
High output dimmable LED driver



- ! 3 x 96 W independent output circuits.
- Hard wired by licensed electrician only.
- Dimmable with any standard MLV/CL/ Incandescent.
- (Triac) Forward Phase Dimmer Switch.
- Class 2 low voltage power supply.
- Auto-reset protection for short circuits and over-voltage.
- Easy installation using terminal blocks.
- 8 W min per circuit.

- > Material/Finish: Steel, white
- > Input voltage: 120 V 60 Hz
- > Output voltage: 24 VDC
- > Max. load: 288 W
- > Output current: 12 A
- > Degree of protection: Nema 3R enclosure type
- > L x W x H: 279.4 x 304.8 x 54 mm (11" x 12" x 2.13")

| Item No. |
|-------------------|
| 833.02.928 |



Lutron

LED driver

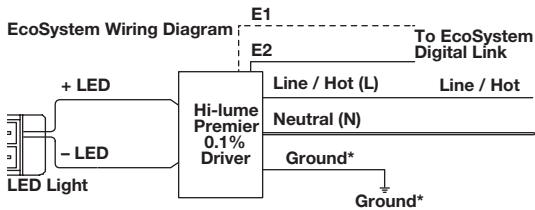
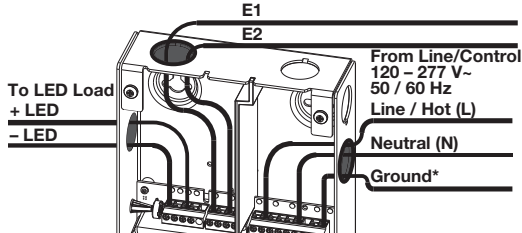
EcoSystem® 3-wire driver



- > Mounting: Surface
- > Dimming: 100%–1%
- > Material/Finish: Steel, white
- > Supplied with: Wire connection, mounting hardware, instructions

| Voltage | Output Voltage | Input Voltage | Item No. |
|---------|----------------|---------------------------|------------|
| 5 12 V | 12 VDC, 2–40 W | 120–277 VAC, 50–60 Hz, 1A | 833.02.965 |
| 5 24 V | 24 VDC, 2–96 W | 120–277 VAC, 50–60 Hz | 833.02.929 |

EcoSystem Controls To EcoSystem Digital Link



! Control methods: Ecosystem smart digital control, 3-wire control Soft-on, fade-to-black dimming technology (Ecosystem control only) Rated lifetime: 50,000 hours at 40° C (104° F) ambient temperature.

Compliance: UL Listed for United States and Canada, NOM certified, FCC part 15 for residential and commercial applications, NEMA 410, RoHS.

Control lights wirelessly from multiple locations. Allows the freedom for multiple dimmer placements within a room. Add cabinet light controls right alongside existing rooms controls. Smooth, flicker-free dimming from 100% down to 1%. Provides immunity to electrical noise that can cause flicker at low noise levels. Integrates into a planned or existing EcoSystem® or Vive™ lighting control solution. Control terminals protect from miswiring up to 277V. Remote mount up to 100' from the light source. Non-volatile memory restores all settings after power failure. Precision microprocessor control and integral thermal management deliver energy savings and extended product life (rated 50,000 hours). 100% performance tested at factory.

Note

Drivers and receivers must be installed by licensed electrician and are subject to applicable national, state and local electrical codes. Use in conjunction with wireless receiver (sold separately). Controlled by wireless remote (sold separately).

- ➔ Wireless receiver see page 136.
- ➔ Wireless remote see page 130.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



Lutron

LED driver

Wireless receiver - required



- > Material/Color: Plastic, white
- > Output voltage: 120 VAC
- > Mounting: Surface/threaded

| | Item No. |
|--|-------------------|
| | 833.01.818 |

! Controls up to 3 Ecosystem® drivers. Uses Lutron Clear Connect® RF technology. Designed to give a linear response to changes in viewed light level. 2 wire connection between optional sensor and control module – the wires are interchangeable to eliminate miswiring. Programmed rapid start design ensures full rated lamp life. Lamps turn on to any dimmed level without flashing to full brightness. End-of-lamp-life protection circuitry ensures safe operation. Ultra-quiet operation. Non-volatile memory restores all ballast settings after power failure. 100% performance tested at factory.

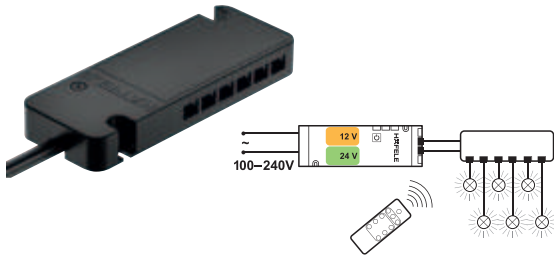
Note

Drivers and receivers must be installed by licensed electrician and are subject to applicable national, state and local electrical codes.

Accessories

Remotes

Premium 6-channel remote receiver



- > Material/Finish: Aluminum, black
- > L x W x H: 172 x 69 x 32 mm
(6 3/4" x 2 11/16" x 1 1/4")

| System | Wattage (W) | Max. wattage per slot (W) | Item No. |
|--------|-------------|---------------------------|-------------------|
| 12 V | 60 | 30 | 833.73.741 |
| 24 V | 90 | 60 | 833.77.785 |

- ! White LED lights can be remote controlled with this system.
Remote system requires at least 1 remote and 6-channel receiver to control lights.
Three lighting scenes can be stored.
Remote switches can be added that are compatible with both the 12 V and the 24 V system.

Max. 10 remote receivers can be combined.
Light state and scene stored in memory and recalled upon start up.

Note
Not suitable for multi-white or RGB lights.

Premium 6-channel remote



- > Application: 12 V and 24 V system
- > Material/Color: Plastic, black
- > Supplied with: Replaceable CR2032 lithium battery

| Item No. |
|-------------------|
| 833.89.121 |

- ! For controlling Loox 6-channel remote receivers for white LEDs.
Soft on/off with dimming function for 6 channels.
3 lighting scenes can be stored.
Max. 10 remote receivers can be controlled within a radius of 15 m (49').

Remote switch 12 V/24 V - recess mounted



- > Drill hole Ø x H: 40 x 14.4 mm (1 5/8" x 9/16")
- > Material/Color: Plastic, silver colored
- > Supplied with: Replaceable CR2032 lithium battery

| Item No. |
|-------------------|
| 833.89.122 |

- ! For controlling all channels or one channel of Loox remote receiver for white LEDs.
Soft on/off and dimming.
Max. 10 remote receivers can be controlled within a radius of 15 m (49').

+ **Housing for surface mounting**
> Round for screw mounting



| Item No. |
|-------------------|
| 833.89.123 |





Coin battery, lithium-ion, CR2032 - for remotes, CR2430 - for wall switch



| Item No. | |
|----------|-------------------|
| CR2032 | 002.99.032 |
| CR2430 | 002.99.034 |

LED strip lights

Technical data, monochrome 5 mm / 8 mm

| | Voltage V | Model Häfele Loox5 | Quantity LEDs/m | Color temperature K | Illuminance lx Distance | | | | | Wattage W/m |
|---|--------------|-----------------------|--------------------|------------------------|-------------------------------|----------------------|-----------------------|---------------------|----------------------|----------------|
| | | | | | | 250 mm (9 13/16") | 500 mm (19 11/16") | 750 mm (29 1/2") | 1000 mm (39 3/8") | |
| | | | | | | | | | | |
| LED strip lights monochrome, 5 mm | | | | | | | | | | |
|  | 5 12V | LED 2060 | 120 | 2700 | 940 | | 400 | 220 | 135 | 4.8 |
| | | | | 3000 | 970 | ☀ | 420 | 235 | 145 | 4.8 |
| | | | | 4000 | 1000 | | 430 | 240 | 145 | 4.8 |
| | | | | 5000 | 1030 | | 430 | 240 | 145 | 4.8 |
| | LED 2061 | 120 | 2700 | 1860 | | 790 | 440 | 270 | 9.6 | |
| | | | 3000 | 1960 | ☀ | 850 | 470 | 290 | 9.6 | |
| | | | 4000 | 2000 | | 860 | 480 | 290 | 9.6 | |
| | | | 5000 | 2060 | | 860 | 480 | 290 | 9.6 | |
|  | 5 24V | LED 3040 | 120 | 2700 | 940 | | 400 | 220 | 135 | 4.8 |
| | | | | 3000 | 970 | ☀ | 420 | 235 | 145 | 4.8 |
| | | | | 4000 | 1000 | | 430 | 240 | 145 | 4.8 |
| | | | | 5000 | 1030 | | 430 | 240 | 145 | 4.8 |
| | LED 3041 | 120 | 2700 | 1860 | | 790 | 440 | 270 | 9.6 | |
| | | | 3000 | 1960 | ☀ | 850 | 470 | 290 | 9.6 | |
| | | | 4000 | 2000 | | 860 | 480 | 290 | 9.6 | |
| | | | 5000 | 2060 | | 860 | 480 | 290 | 9.6 | |
| LED strip lights monochrome, 8 mm | | | | | | | | | | |
|  | 5 12V | LED 2062 | 60 | 2700 | 1050 | | 435 | 240 | 145 | 4.8 |
| | | | | 3000 | 1090 | ☀ | 455 | 245 | 150 | 4.8 |
| | | | | 4000 | 1120 | | 460 | 260 | 155 | 4.8 |
| | | | | 5000 | 1130 | | 470 | 260 | 160 | 4.8 |
| | LED 2065 | 120 | 2700 | 1050 | | 435 | 240 | 145 | 4.8 | |
| | | | 3000 | 1090 | ☀ | 455 | 245 | 150 | 4.8 | |
| | | | 4000 | 1120 | | 460 | 260 | 155 | 4.8 | |
| | | | 5000 | 1130 | | 470 | 260 | 160 | 4.8 | |
| | LED 2068 | 120 | 2700 | 2145 | | 900 | 480 | 300 | 9.6 | |
| | | | 3000 | 2250 | ☀ | 940 | 505 | 310 | 9.6 | |
| | | | 4000 | 2300 | | 950 | 510 | 320 | 9.6 | |
| | | | 5000 | 2300 | | 955 | 515 | 320 | 9.6 | |
|  | 5 24V | LED 3042 | 120 | 2700 | 1050 | | 435 | 240 | 145 | 4.8 |
| | | | | 3000 | 1090 | ☀ | 455 | 245 | 150 | 4.8 |
| | | | | 4000 | 1120 | | 460 | 260 | 155 | 4.8 |
| | | | | 5000 | 1130 | | 470 | 260 | 160 | 4.8 |
| | LED 3045 | 120 | 2700 | 2145 | | 900 | 480 | 300 | 9.6 | |
| | | | 3000 | 2250 | ☀ | 940 | 505 | 310 | 9.6 | |
| | | | 4000 | 2300 | | 950 | 510 | 320 | 9.6 | |
| | | | 5000 | 2300 | | 955 | 515 | 320 | 9.6 | |
| | LED 3048 | 120 | 2700 | 2870 | | 1210 | 665 | 415 | 14.4 | |
| | | | 3000 | 3000 | ☀ | 1270 | 695 | 430 | 14.4 | |
| | | | 4000 | 3100 | | 1310 | 715 | 445 | 14.4 | |
| | | | 5000 | 3100 | | 1320 | 715 | 450 | 14.4 | |

*See page 156 for conversion chart.







| Luminous flux | Luminous efficacy | Section length | Color rendering index CRI | | Available length | | | Max. strip length (visual) | Max. strip length wattage-dependent on the Loox5 driver | | | |
|---------------|-------------------|----------------|---------------------------|----------------|-------------------|-------------------|-------------------|----------------------------|---|------|-------|-------|
| | | | | | 5 m (196 7/8") | 15 m (590 9/16") | 50 m (1968 1/2") | | 20 W | 40 W | 60 W | 90W |
| lm/m | lm/W | mm | R _a | R _s | | | m | | | | | |
| 440 | 92 | 25 (1") | >90 | >50 | 833.74.320 | 833.74.324 | - | 4.0 (154 1/2") | | | | |
| 460 | 96 | 25 (1") | >90 | >50 | 833.74.321 | 833.74.325 | - | 4.0 (154 1/2") | 4.10 | 8.30 | 12.50 | - |
| 480 | 100 | 25 (1") | >90 | >50 | 833.74.322 | 833.74.326 | - | 4.0 (154 1/2") | | | | |
| 495 | 103 | 25 (1") | >90 | >50 | 833.74.323 | 833.74.327 | - | 4.0 (154 1/2") | | | | |
| 870 | 91 | 25 (1") | >90 | >50 | 833.74.328 | 833.74.332 | - | 3.0 (118 1/8") | | | | |
| 830 | 97 | 25 (1") | >90 | >50 | 833.74.329 | 833.74.333 | - | 3.0 (118 1/8") | 2.00 | 4.10 | 6.20 | - |
| 955 | 99 | 25 (1") | >90 | >50 | 833.74.330 | 833.74.334 | - | 3.0 (118 1/8") | | | | |
| 990 | 103 | 25 (1") | >90 | >50 | 833.74.331 | 833.74.335 | - | 3.0 (118 1/8") | | | | |
| 440 | 92 | 50 (2") | >90 | >50 | 833.76.300 | 833.76.304 | - | 8.0 (314 15/16") | | | | |
| 460 | 96 | 50 (2") | >90 | >50 | 833.76.301 | 833.76.305 | - | 8.0 (314 15/16") | 4.10 | 8.30 | - | 18.70 |
| 480 | 100 | 50 (2") | >90 | >50 | 833.76.302 | 833.76.306 | - | 8.0 (314 15/16") | | | | |
| 495 | 103 | 50 (2") | >90 | >50 | 833.76.303 | 833.76.307 | - | 8.0 (314 15/16") | | | | |
| 870 | 91 | 50 (2") | >90 | >50 | 833.76.308 | 833.76.312 | - | 5.5 (216 9/16") | | | | |
| 930 | 97 | 50 (2") | >90 | >50 | 833.76.309 | 833.76.313 | - | 5.5 (216 9/16") | 2.00 | 4.10 | - | 9.30 |
| 955 | 99 | 50 (2") | >90 | >50 | 833.76.310 | 833.76.314 | - | 5.5 (216 9/16") | | | | |
| 990 | 103 | 50 (2") | >90 | >50 | 833.76.311 | 833.76.315 | - | 5.5 (216 9/16") | | | | |
| 440 | 92 | 50 (2") | >90 | >50 | 833.74.336 | - | 833.74.340 | 6.0 (236 1/4") | 4.10 | 8.30 | 12.50 | - |
| 465 | 97 | 50 (2") | >90 | >50 | 833.74.337 | - | 833.74.341 | 6.0 (236 1/4") | | | | |
| 490 | 102 | 50 (2") | >90 | >50 | 833.74.338 | - | 833.74.342 | 6.0 (236 1/4") | | | | |
| 495 | 103 | 50 (2") | >90 | >50 | 833.74.339 | - | 833.74.343 | 6.0 (236 1/4") | | | | |
| 440 | 92 | 25 (1") | >90 | >50 | 833.74.354 | - | 833.74.358 | 6.0 (236 1/4") | | | | |
| 465 | 97 | 25 (1") | >90 | >50 | 833.74.355 | - | 833.74.359 | 6.0 (236 1/4") | 4.10 | 8.30 | 12.50 | - |
| 490 | 102 | 25 (1") | >90 | >50 | 833.74.356 | - | 833.74.360 | 6.0 (236 1/4") | | | | |
| 495 | 103 | 25 (1") | >90 | >50 | 833.74.357 | - | 833.74.361 | 6.0 (236 1/4") | | | | |
| 920 | 96 | 25 (1") | >90 | >50 | 833.74.362 | - | 833.74.366 | 4.0 (154 1/2") | | | | |
| 970 | 101 | 25 (1") | >90 | >50 | 833.74.363 | - | 833.74.367 | 4.0 (154 1/2") | 2.00 | 4.10 | 6.20 | - |
| 1000 | 104 | 25 (1") | >90 | >50 | 833.74.364 | - | 833.74.368 | 4.0 (154 1/2") | | | | |
| 1040 | 108 | 25 (1") | >90 | >50 | 833.74.365 | - | 833.74.369 | 4.0 (154 1/2") | | | | |
| 440 | 92 | 50 (2") | >90 | >50 | 833.76.316 | - | 833.76.320 | 12.0 (472 7/16") | | | | |
| 465 | 97 | 50 (2") | >90 | >50 | 833.76.317 | - | 833.76.321 | 12.0 (472 7/16") | 4.10 | 8.30 | - | 18.70 |
| 490 | 102 | 50 (2") | >90 | >50 | 833.76.318 | - | 833.76.322 | 12.0 (472 7/16") | | | | |
| 495 | 103 | 50 (2") | >90 | >50 | 833.76.319 | - | 833.76.323 | 12.0 (472 7/16") | | | | |
| 920 | 96 | 50 (2") | >90 | >50 | 833.76.334 | - | 833.76.338 | 8.0 (314 15/16") | | | | |
| 970 | 101 | 50 (2") | >90 | >50 | 833.76.335 | - | 833.76.339 | 8.0 (314 15/16") | 2.00 | 4.10 | - | 9.30 |
| 1000 | 104 | 50 (2") | >90 | >50 | 833.76.336 | - | 833.76.340 | 8.0 (314 15/16") | | | | |
| 1040 | 108 | 50 (2") | >90 | >50 | 833.76.337 | - | 833.76.341 | 8.0 (314 15/16") | | | | |
| 1270 | 88 | 50 (2") | >90 | >50 | 833.76.352 | - | 833.76.356 | 6.2 (244 1/8") | | | | |
| 1305 | 91 | 50 (2") | >90 | >50 | 833.76.353 | - | 833.76.357 | 6.2 (244 1/8") | 1.30 | 2.70 | - | 6.20 |
| 1340 | 93 | 50 (2") | >90 | >50 | 833.76.354 | - | 833.76.358 | 6.2 (244 1/8") | | | | |
| 1430 | 99 | 50 (2") | >90 | >50 | 833.76.355 | - | 833.76.359 | 6.2 (244 1/8") | | | | |



For quick selection of linear light, see page 2

LED strip lights

Technical data, monochrome constant current 8 mm / silicone 8 mm

| | Voltage V | Model Håfele Loox5 | Quantity LEDs/m | Color temperature K | Illuminance lx Distance | | | | Wattage W/m | |
|---|--------------|-----------------------|--------------------|------------------------|-------------------------------|-----------------------|---------------------|----------------------|----------------|-----|
| | | | | | 250 mm (9 13/16") | 500 mm (19 11/16") | 750 mm (29 1/2") | 1000 mm (39 3/8") | | |
| | | | | | | | | | | |
| LED strip lights monochrome constant current 8 mm | | | | | | | | | | |
|  | 5 12V | LED 2077 | 120 | 2700 | 1775 | | 760 | 425 | 265 | 9.6 |
| | | | | 3000 | 1850 | ☀ | 790 | 440 | 270 | 9.6 |
| | | | | 4000 | 1950 | | 830 | 465 | 285 | 9.6 |
| | | | | 5000 | 1950 | | 830 | 465 | 285 | 9.6 |
|  | 5 24V | LED 3050 | 140 | 2700 | 2050 | | 890 | 490 | 305 | 9.6 |
| | | | | 3000 | 2150 | ☀ | 930 | 520 | 325 | 9.6 |
| | | | | 4000 | 2205 | | 990 | 545 | 335 | 9.6 |
| | | | | 5000 | 2340 | | 1010 | 550 | 340 | 9.6 |
| | LED 3051 | 140 | 2700 | 3150 | | 1365 | 760 | 470 | 14.4 | |
| | | | 3000 | 3170 | ☀ | 1385 | 770 | 480 | 14.4 | |
| | | | 4000 | 3190 | | 1390 | 770 | 480 | 14.4 | |
| | | | 5000 | 3200 | | 1400 | 770 | 480 | 14.4 | |
| LED 3052 | 140 | 2700 | 4070 | | 1750 | 970 | 600 | 19.2 | | |
| | | 3000 | 4160 | ☀ | 1780 | 990 | 620 | 19.2 | | |
| | | 4000 | 4220 | | 1800 | 1000 | 625 | 19.2 | | |
| | | 5000 | 4260 | | 1840 | 1020 | 630 | 19.2 | | |
| LED silicone strip lights monochrome, 8 mm | | | | | | | | | | |
|  | 5 12V | LED 2063 | 60 | 2700 | 920 | | 390 | 215 | 135 | 4.8 |
| | | | | 3000 | 960 | ☀ | 410 | 225 | 140 | 4.8 |
| | | | | 4000 | 975 | | 415 | 230 | 145 | 4.8 |
| | | | | 5000 | 1010 | | 425 | 235 | 145 | 4.8 |
|  | 5 24V | LED 3043 | 120 | 2700 | 920 | | 390 | 215 | 135 | 4.8 |
| | | | | 3000 | 960 | ☀ | 410 | 225 | 140 | 4.8 |
| | | | | 4000 | 975 | | 415 | 230 | 145 | 4.8 |
| | | | | 5000 | 1010 | | 425 | 235 | 145 | 4.8 |
| | LED 3046 | 120 | 2700 | 1855 | | 790 | 435 | 270 | 9.6 | |
| | | | 3000 | 1895 | ☀ | 805 | 445 | 275 | 9.6 | |
| | | | 4000 | 1960 | | 840 | 465 | 290 | 9.6 | |
| | | | 5000 | 2020 | | 860 | 475 | 295 | 9.6 | |

*See page 156 for conversion chart.









| Luminous flux lm/m * | Luminous efficacy lm/W * | Section length mm | Color rendering index CRI | | Available length | | | Max. strip length (visual) m | Max. strip length wattage- dependent m on the Loox5 driver | | | |
|----------------------------|--------------------------------|----------------------|------------------------------|----------------|-------------------|---------------------|---------------------|------------------------------------|--|------|-------|-------|
| | | | R _a | R ₉ | 5 m (196 7/8") | 15 m (590 9/16") | 50 m (1968 1/2") | | 20 W | 40 W | 60 W | 90W |
| 810 | 84 | 25 (1") | >90 | >50 | 833.74.372 | - | 833.74.376 | 6.2 (244 1/8") | | | | |
| 860 | 90 | 25 (1") | >90 | >50 | 833.74.373 | - | 833.74.377 | 6.2 (244 1/8") | 2.00 | 4.10 | 4.10 | - |
| 900 | 94 | 25 (1") | >90 | >50 | 833.74.374 | - | 833.74.378 | 6.2 (244 1/8") | | | | |
| 905 | 94 | 25 (1") | >90 | >50 | 833.74.375 | - | 833.74.379 | 6.2 (244 1/8") | | | | |
| 945 | 98 | 50 (2") | >90 | >50 | 833.76.362 | - | 833.76.366 | 9.0 (354 5/16") | | | | |
| 1030 | 107 | 50 (2") | >90 | >50 | 833.76.363 | - | 833.76.367 | 9.0 (354 5/16") | 2.00 | 4.10 | - | 9.30 |
| 1060 | 110 | 50 (2") | >90 | >50 | 833.76.364 | - | 833.76.368 | 9.0 (354 5/16") | | | | |
| 1080 | 113 | 50 (2") | >90 | >50 | 833.76.365 | - | 833.76.369 | 9.0 (354 5/16") | | | | |
| 1430 | 99 | 50 (2") | >90 | >50 | 833.76.370 | - | 833.76.374 | 6.2 (244 1/8") | | | | |
| 1520 | 106 | 50 (2") | >90 | >50 | 833.76.371 | - | 833.76.375 | 6.2 (244 1/8") | 1.30 | 2.70 | - | 6.20 |
| 1605 | 111 | 50 (2") | >90 | >50 | 833.76.372 | - | 833.76.376 | 6.2 (244 1/8") | | | | |
| 1650 | 115 | 50 (2") | >90 | >50 | 833.76.373 | - | 833.76.377 | 6.2 (244 1/8") | | | | |
| 1850 | 96 | 50 (2") | >90 | >50 | 833.76.378 | - | 833.76.382 | 4.6 (181 1/8") | | | | |
| 2015 | 105 | 50 (2") | >90 | >50 | 833.76.379 | - | 833.76.383 | 4.6 (181 1/8") | 1.00 | 2.00 | - | 4.60 |
| 2050 | 107 | 50 (2") | >90 | >50 | 833.76.380 | - | 833.76.384 | 4.6 (181 1/8") | | | | |
| 2100 | 109 | 50 (2") | >90 | >50 | 833.76.381 | - | 833.76.385 | 4.6 (181 1/8") | | | | |
| 415 | 86 | 50 (2") | >90 | >50 | 833.74.344 | 833.74.348 | - | 6.0 (236 1/4") | 4.10 | 8.30 | 12.50 | - |
| 440 | 92 | 50 (2") | >90 | >50 | 833.74.345 | 833.74.349 | - | 6.0 (236 1/4") | | | | |
| 455 | 95 | 50 (2") | >90 | >50 | 833.74.346 | 833.74.350 | - | 6.0 (236 1/4") | | | | |
| 460 | 96 | 50 (2") | >90 | >50 | 833.74.347 | 833.74.351 | - | 6.0 (236 1/4") | | | | |
| 415 | 86 | 50 (2") | >90 | >50 | 833.76.324 | 833.76.328 | - | 12.0 (472 7/16") | | | | |
| 440 | 92 | 50 (2") | >90 | >50 | 833.76.325 | 833.76.329 | - | 12.0 (472 7/16") | 4.10 | 8.30 | - | 18.70 |
| 455 | 95 | 50 (2") | >90 | >50 | 833.76.326 | 833.76.330 | - | 12.0 (472 7/16") | | | | |
| 460 | 96 | 50 (2") | >90 | >50 | 833.76.327 | 833.76.331 | - | 12.0 (472 7/16") | | | | |
| 820 | 85 | 50 (2") | >90 | >50 | 833.76.342 | 833.76.346 | - | 8.0 (314 15/16") | | | | |
| 870 | 91 | 50 (2") | >90 | >50 | 833.76.343 | 833.76.347 | - | 8.0 (314 15/16") | 2.00 | 4.10 | - | 9.30 |
| 900 | 94 | 50 (2") | >90 | >50 | 833.76.344 | 833.76.348 | - | 8.0 (314 15/16") | | | | |
| 930 | 97 | 50 (2") | >90 | >50 | 833.76.345 | 833.76.349 | - | 8.0 (314 15/16") | | | | |



For quick selection of linear light, see page 2

LED strip lights

Technical data, multi-white 8 mm / RGB 10 mm

| | Voltage V | Model Häfele Loox5 | Quantity LEDs/m | Color temperature K | Illuminance lx Distance | | | | Wattage W/m |
|---|--------------|-----------------------|--------------------|------------------------|-------------------------------|-----------------------|---------------------|----------------------|----------------|
| | | | | | 250 mm (9 13/16") | 500 mm (19 11/16") | 750 mm (29 1/2") | 1000 mm (39 3/8") | |
|  LED strip lights multi-white, 8 mm | | | | | | | | | |
|  | 5 12V | LED 2064 | 2 x 60 | 2700 | 1025 | 425 | 230 | 145 | 4.8 |
| | | | | 5000 | 1075 | 445 | 245 | 150 | |
|  | | LED 2070 | 2 x 120 | 2700 | 1865 | 785 | 430 | 270 | 9.6 |
| | | | | 5000 | 2045 | 865 | 475 | 295 | |
|  | 5 24V | LED 3044 | 2 x 120 | 2700 | 1025 | 425 | 230 | 145 | 4.8 |
| | | | | 5000 | 1075 | 445 | 245 | 150 | |
| | | LED 3060 Silicone | 2 x 120 | 2700 | 1025 | 425 | 230 | 145 | 4.8 |
| | | | | 5000 | 1075 | 445 | 245 | 150 | |
| | | LED 3047 | 2 x 120 | 2700 | 1865 | 785 | 430 | 270 | 9.6 |
| | | | | 5000 | 2045 | 865 | 475 | 295 | |
| LED 3061 Silicone | 2 x 120 | 2700 | 1865 | 785 | 430 | 270 | 9.6 | | |
| | | 5000 | 2045 | 865 | 475 | 295 | | | |
| LED 3049 | 2 x 120 | 2700 | 2780 | 1180 | 650 | 405 | 14.4 | | |
| | | 5000 | 2800 | 1200 | 660 | 415 | | | |
|  LED strip lights RGB, 10 mm | | | | | | | | | |
|  | 5 12V | LED 2080 | 120 | RGB | - | - | - | - | 9.6 |
| | 5 24V | LED 3080 | 120 | RGB | - | - | - | - | 9.6 |

*See page 156 for conversion chart.



| Luminous flux | Luminous efficacy | Section length | Color rendering index CRI | | Available length | | | Max. strip length (visual) | Max. strip length wattage-dependent on the Loox5 driver | | | | |
|---------------|-------------------|----------------|---------------------------|----------------|-------------------|-------------------|-------------------|----------------------------|---|------|-------|-------|--|
| | | | R _a | R ₉ | 5 m (196 7/8") | 15 m (590 9/16") | 50 m (1968 1/2") | | 20 W | 40 W | 60 W | 90W | |
| * | * | | | | | | | | | | | | |
| 425 | 89 | 50 (2") | >90 | >50 | 833.74.352 | - | 833.74.353 | 4.5 (177 3/16") | 4.10 | 8.30 | 12.50 | - | |
| 465 | 97 | | | | | | | | | | | | |
| 825 | 86 | 25 (1") | >90 | >50 | 833.74.370 | - | 833.74.371 | 3.5 (137 13/16") | 2.00 | 4.10 | 6.20 | - | |
| 930 | 97 | | | | | | | | | | | | |
| 425 | 89 | 50 (2") | >90 | >50 | 833.76.332 | - | 833.76.333 | 8.5 (334 5/8") | 4.10 | 8.30 | - | 18.70 | |
| 465 | 97 | | | | | | | | | | | | |
| 425 | 89 | 50 (2") | >90 | >50 | 833.76.387 | 833.76.388 | - | 8.5 (334 5/8") | 4.10 | 8.30 | - | 18.70 | |
| 465 | 97 | | | | | | | | | | | | |
| 825 | 86 | 50 (2") | >90 | >50 | 833.76.350 | - | 833.76.351 | 6.5 (255 7/8") | 2.00 | 4.10 | - | 9.30 | |
| 930 | 97 | | | | | | | | | | | | |
| 825 | 86 | 50 (2") | >90 | >50 | 833.76.389 | 833.76.390 | - | 6.5 (255 7/8") | 2.00 | 4.10 | - | 9.30 | |
| 930 | 97 | | | | | | | | | | | | |
| 1230 | 85 | 50 (2") | >90 | >50 | 833.76.360 | - | 833.76.361 | 5.0 (196 7/8") | 1.30 | 2.70 | - | 6.20 | |
| 1370 | 95 | | | | | | | | | | | | |
| 530 | 51 | 25 (1") | - | - | 833.74.380 | - | - | 3.0 (118 1/8") | 2.00 | 4.10 | 6.20 | - | |
| 530 | 51 | 50 (2") | - | - | 833.76.386 | - | - | 6.5 (225 7/8") | 2.00 | 4.10 | - | 9.30 | |



For quick selection of linear light, see page 2

Light shapes rooms.

Light in furniture is more than just accessories.

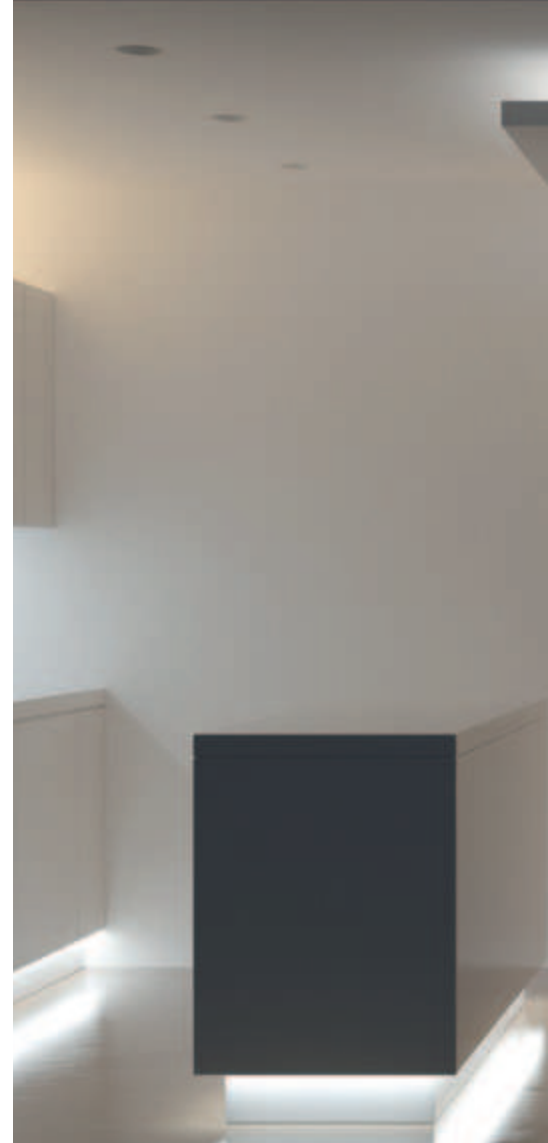




- Light in furniture is no longer an accessory
- which can be retrofitted later. Today, light has
- essential and imperative comfort functions in
- furniture.
- Contemporary furniture planning incorporates
- light as a focus right from the beginning in
- order to achieve the best possible result for
- customers.

Light changes spaces.

The interplay of light in rooms and light in furniture promotes a feeling of well-being.



Cooking.

Bright, neutral white light makes for a pleasant illumination of the important work spaces and ensures the proper reflection of the color of food and products.

Eating.

The combination of direct, flat light for a perfect illumination of the dining table, supplemented with indirect, warm effect lights on ceilings and walls creates an atmosphere of ambience.

Relaxation.

The interaction of areas of light and horizons created by light creates a comfortable and cozy atmosphere.



Light and intensity.

When lighting a room, using a combination of several light sources is critical.

In the 1950s, Richard Kelly, a pioneer of lighting design, already differentiated between light to see – ambient luminescence, focal glow – the illumination of an object or area, and play of brilliants – in which the light itself is the object to observe.



Depending on the purpose for the lighting plan of a room and specific areas, task light is used. To create a specific ambience, ambient light is used.



Task light.

For example, the lighting need in a home office can differ and depends on the location of the desk as well as the influx of daylight. When work is done on a computer or tablet, a glare-free light source is required. Since the screen is the work area, a backlight can be sufficient. However, drawing or writing requires a well lit work surface.



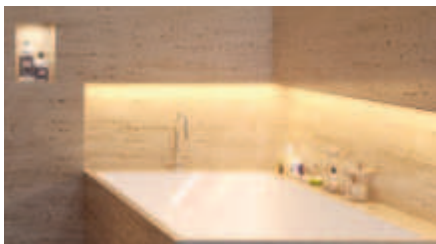
Ambient light.

To create an atmospheric ambience, the room light can also be used as indirect lighting in the furniture. Ambient light provides less illumination and serves to create an appealing environment. The light source is often hidden, for example it can be embedded in shelving or behind moldings. It's important that ambient light beams do not create brightly lit surfaces or produce sharp edges.



Light evokes emotions.

Light situations trigger associations: romantic, comfortable, relaxing and cold.



Staging.

Spotlights make the illuminated objects on shelves and showcases the focus. And wall wash light makes wall structures visible.



Highlighting.

Highlighting functional areas with even, bright light is a sensible addition to the general room light.



Setting accents.

The Loox lighting system offers many possibilities to set accents in a room. With the appropriate light composition corners, edges and surfaces can be dramatized.

With a smart lighting plan specific moods can be created in the living environment. The Häfele Loox system can turn a purposefully designed bathroom into a spa. Edge lighting creates an artificial horizon, dimmable spotlights create a candlelight atmosphere. Warm light creates a mood simulating a sunset.

Light and color.



Light makes color visible.

Light is made up of electromagnetic waves which only become visible to the human eye through reflection on objects. A red object reflects only the red color. The other colors are absorbed. All light sources are tested and measured based on the accuracy of their color reproduction, the so-called color rendering index (CRI). The higher the CRI, the higher the quality of color reproduction.



Warm light. Cool light.

The color of the light, also referred to as color temperature, controls our state of well-being. Light with a high blue component has an invigorating effect on the body. Just like the cool fresh light of an early morning. By comparison, strong red and yellow-colored light has a relaxing effect and evokes a state of rest. Just like the warm glow in the late afternoon or a candle.



Consistent color quality and performance.

An important factor for new technologies is the reliability in use.

Häfele has set high standards for the selection of materials, which are continually tested and certified internationally. Setting a narrow binning is one of them. All LEDs are tested and sorted to specified quality criteria after production. Häfele selects the highest quality class LEDs for maximum life time, energy efficiency and to ensure aftermarket replacement quality.

Light with effect.

Every room comes to life with light and shadows.



Linear light.

Linear illumination is created with LED strip lights. Inside cabinets and shelves, on work surfaces or enclosures of furniture, LED strip lights provide uniform light with a broad area of illumination.



Directional light.

Narrow beam Loox spotlights can create directional lighting effects to highlight specific objects. With surface mounted or built-in spotlights in a row it's possible to achieve flat surface illumination of specific areas. A special effect is created by overlapping cones of light.

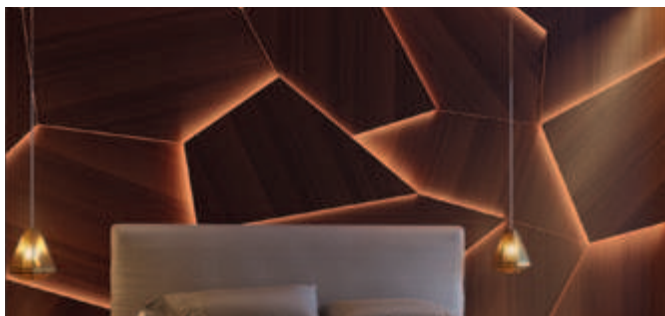
Linear illumination can be used to create horizons. With direct light objects can be partially emphasized. Wall wash light can highlight and reinforce structures (stone structures, relief wallpapers).

Light and surfaces.



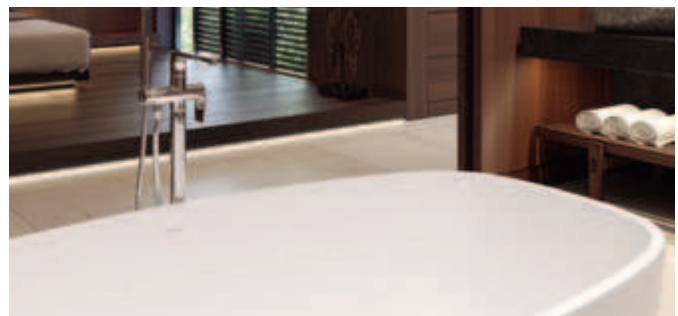
Depending on the material and structure a surface reacts differently to light. Light is partially absorbed, a part is reflected and depending on the surface it's scattered. With translucent or transmissive materials, the light can also shine through the body.

Depending on the material and structure a surface reacts differently to light.



Dark surfaces.

Dark materials absorb light, so it's necessary to use stronger light. However, too much light destroys the ambiance and comfort.



Bright surfaces.

A bright floor or bright materials reflect the light much better than dark materials. A brightly designed space therefore requires less overall light. Extra effect lighting adds freshness and a feeling of spaciousness to the room.

Light and control.

A Smart Home also includes the smart control of different lighting scenes inside the space.

The Häfele Loox system offers several solutions for controlling lights; from the direct control via simple switching points to the remote control of more complex lighting scenarios.



In addition to the lighting, digital solutions can also be used to centrally operate and control the stereo, television, heating, alarm system and more.



Remote control of light.

Especially important is the control of light scenes in multi-functional rooms. Depending on the application, remote controls can be used for easy control of several light sources, from multi-white lights to colored RGB lights.

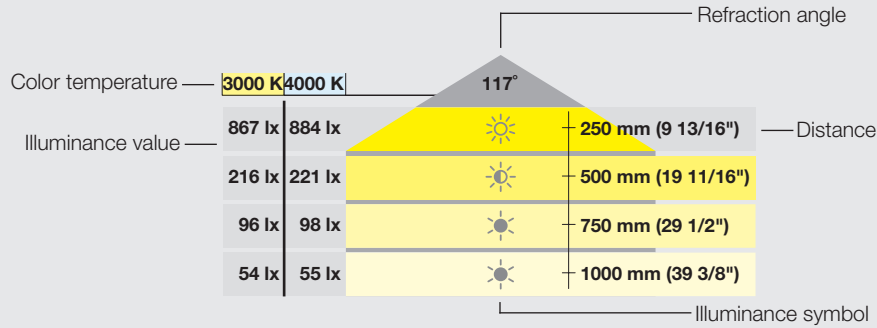
Control light (and more) centrally.

An app connects and centrally controls all installed light components and allows the design of light effects individually with a smartphone or tablet. In this way multiple scenes can be saved and programmed, or simply retrieved with just a fingertip.



Light effects and lighting technology

Cone of light



| | |
|--|------------|
| | >500 lx |
| | 150–500 lx |
| | <150 lx |



Note:

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

Recommendation for illumination of interior rooms





| Interior room type | Illuminance in Lux at 500 mm | Color 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 |

Conversion chart

| Wattage | | Luminous Flux | | | |
|---------|-------|---------------|--------|------|--------|
| W/m | W/ft. | lm/m | lm/ft. | lm/m | lm/ft. |
| 4.8 | 1.5 | 415 | 127 | 970 | 296 |
| 9.6 | 3.0 | 425 | 130 | 990 | 302 |
| 14.4 | 4.5 | 440 | 134 | 1000 | 305 |
| 19.2 | 6.0 | 455 | 139 | 1030 | 314 |
| | | 460 | 140 | 1040 | 317 |
| | | 465 | 142 | 1060 | 323 |
| | | 480 | 146 | 1080 | 329 |
| | | 490 | 149 | 1230 | 375 |
| | | 495 | 151 | 1270 | 387 |
| | | 530 | 162 | 1305 | 398 |
| | | 810 | 247 | 1340 | 409 |
| | | 820 | 250 | 1370 | 418 |
| | | 825 | 252 | 1430 | 436 |
| | | 860 | 262 | 1520 | 464 |
| | | 870 | 265 | 1605 | 490 |
| | | 900 | 275 | 1650 | 503 |
| | | 905 | 276 | 1850 | 564 |
| | | 920 | 281 | 2015 | 615 |
| | | 930 | 284 | 2050 | 625 |
| | | 945 | 288 | 2100 | 641 |
| | | 955 | 291 | | |

Test symbols and symbols


Product features

-  Dimmable
-  RGB light
-  Multi-white light
-  Bluetooth®: industry 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 property 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 level VI (USA) meets DOE new standards
-  Product Safety Electrical Appliance and Material Safety Law (for Japan)
-  Regulatory Compliance Mark (for Australia)
-  China Compulsory Certification
- EAC** 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 $q \geq 1$ 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

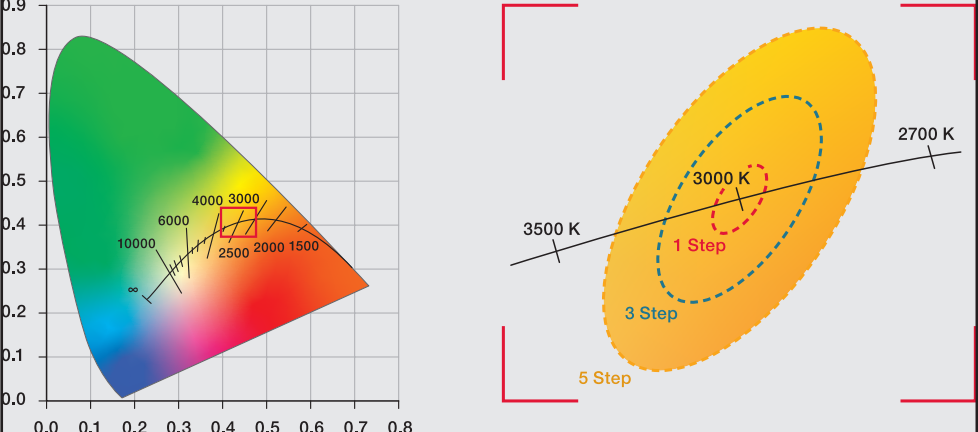
-  Installation permitted on or in furniture, whose ignition properties are unknown.
-  Max. surface temperature in case of fault
-  Lights to be used indoors only. Not to be used outdoors.
-  Do not use components that impede thermal radiation.
-  Waste of Electrical and Electronic Equipment. Do not 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


| <p>Refraction angle</p> | <p>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 center of the front of the lamp and through the points at which the illuminance is 50% of the illuminance on the visual beam axis.</p> | | | | | | | | | | | | | | |
|--|--|------|------------|---|--|---|---|---|---|---|--------------------------------|---|--|----|---|
| <p>Illuminance</p> | <p>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.</p> | | | | | | | | | | | | | | |
| <p>Binning</p> | <p>During industrial manufacture, LEDs differ from each other with regard to color, luminous flux (brightness) and forward voltage. In order to achieve consistent light quality with the same brightness level and a uniform light color, they are therefore sorted according to color, luminous flux and forward voltage and separated into bins ("containers") during manufacturing. This sorting process is known as Binning. Häfele exclusively uses bins with a high degree of brightness in order to achieve high efficiency.</p> | | | | | | | | | | | | | | |
| <p>Bluetooth® Mesh</p> | <p>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.</p> | | | | | | | | | | | | | | |
| <p>Energy efficiency class</p> | <p>The energy efficiency class provides information about the relevant energy consumption. Lamps and lights are categorized in classes E to A++. LED lights achieve the highest classes A to A++.</p> | | | | | | | | | | | | | | |
| <p>Color temperature and light color</p> | <p>The color temperature is a specification of the color appearance of a white light source and is measured in Kelvin (K). The lower the color temperature, the warmer the light color; the higher the color temperature, the cooler the light color. White light sources with a color temperature below 3400 K are considered "warm white" by Häfele, white light sources with a color temperature between 3400 K and 5700 K are considered "cool white". White light sources above 5700 K are referred to as "daylight white".</p> | | | | | | | | | | | | | | |
| <p>Color consistency/ color differences</p> | <div style="display: flex; align-items: flex-start;">  </div> <p>Color differences are specified in stages, so called "MacAdams Ellipses" or "SDCM" (Standard Deviation of Color 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 color difference will be next to each other on the strip light or in the light and that the color difference is visible. In its ErP directive, the EU Commission stipulates that 6 SDCMs may not be exceeded for LED products.</p> <table border="1"> <thead> <tr> <th>SDCM</th> <th>Visibility</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Only people with extremely good vision can see the most minimal color differences.</td> </tr> <tr> <td>2</td> <td>Most minimal color differences are visible.</td> </tr> <tr> <td>3</td> <td>Very small color differences are visible.</td> </tr> <tr> <td>4</td> <td>Color differences are visible.</td> </tr> <tr> <td>5</td> <td>Significant color differences are visible.</td> </tr> <tr> <td>>5</td> <td>Very clear color differences are visible.</td> </tr> </tbody> </table> | SDCM | Visibility | 1 | Only people with extremely good vision can see the most minimal color differences. | 2 | Most minimal color differences are visible. | 3 | Very small color differences are visible. | 4 | Color differences are visible. | 5 | Significant color differences are visible. | >5 | Very clear color differences are visible. |
| SDCM | Visibility | | | | | | | | | | | | | | |
| 1 | Only people with extremely good vision can see the most minimal color differences. | | | | | | | | | | | | | | |
| 2 | Most minimal color differences are visible. | | | | | | | | | | | | | | |
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| 5 | Significant color differences are visible. | | | | | | | | | | | | | | |
| >5 | Very clear color differences are visible. | | | | | | | | | | | | | | |
| <p>Color rendering index CRI</p> | <p>The color rendering index is a parameter that can be used to compare the color rendering quality of light sources at the same color temperature. The higher the value, the better the color rendering. A value of 100 corresponds to the color rendering of sunlight.</p> | | | | | | | | | | | | | | |
| <p>Weighted energy consumption</p> | <p>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.</p> | | | | | | | | | | | | | | |

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 | <p>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.</p> <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 |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Life time L80/B10 | <p>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 standardized 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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-carbon based 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 Lumens 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 $\pm 10\%$. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | <p>Visual value Strip light length with an imperceptible drop in luminous flux of max. 30%.</p> <p>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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-white | The light color 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 color combination can be created from these three primary colors. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 catalogs, 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%. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Technical questions

Technical questions

| <p>How do I clean an LED strip light?</p> | <p>LED strip lights without a silicone sleeve do not require cleaning. Silicone strip lights can be wiped down with a damp, anti-static cloth. Scouring agents and aggressive cleaners can destroy the surface and attack the LEDs.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---------------|--------|------|--------|------|--------|-------|--------|--|---------------------------|-------|--|-------|--|-------|--|-------|--|---------|------|------|------|------|------|------|------|------|---------|------|------|------|------|------|------|------|-------|
| <p>May I use drivers from other manufacturers?</p> | <p>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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>What is the life time of the products in permanent operation?</p> | <p>Loox5 drivers >70,000 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 aluminum profile is recommended from 9.6 W/m (3.0 W/ft.).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Can the multi switch box, the multi driver box and the 3-way distributor with switching function be connected in series multiple times?</p> | <p>No, because the signals can no longer be transmitted properly.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Can 12 V and 24 V lights be used together?</p> | <p>Yes, please use our respective converter. (See converters in Supplying)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>How can sensor switch malfunctions be avoided?</p> | <p>Check for correct switch installation. The TOP lettering on the switch must point upwards in the installation situation.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>How is consistent bulb light color guaranteed?</p> | <p>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 color for follow-up purchases.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>What is the maximum wattage that I can connect to a device output of the driver?</p> | <p>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</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>How long may the lead between the driver and the device be?</p> | <p>The maximum lead length from the Loox5 driver to the device is 10 m (32' 9 11/16"). 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).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>What is AWG?</p> | <p>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 stranded or solid core wire.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>What is the current carrying capacity of my cable?</p> | <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>110 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 | 110 W |
| 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 | 110 W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Can an LED flexible strip light be used behind acrylic glass?</p> | <p>Yes, however the acrylic glass increases the color variations (binning) up to four times and minimal color deviations are therefore more visible.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Can Loox lights be operated using multiple switches?</p> | <p>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 page 94).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Why do the lights have to be plugged in first before connecting the high voltage mains plug?</p> | <p>If the driver is connected to the line voltage first, electrical power is output at the secondary side, which leads to overvoltage and therefore damage to the lights as they are connected.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Can Loox lights be used in RVs/boats/cars?</p> | <p>Yes. 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Technical questions

Can I use Loox in a sauna/bathroom?

We offer special lights that offer IP44 and IP65 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 power cord are dry. Furthermore, a maximum ambient temperature of 45° C or 113° F must be ensured.

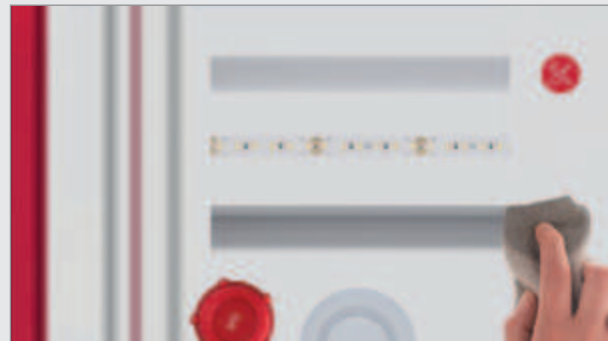
Why does my LED light flash?

Flashing is a sign of (under or) overloading. Use a driver with higher power or reduce the number of lights.

Documentation on the Internet

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/us.



Installation instructions

Language neutral for all markets

LOOX5 **HÄFELE**

LED 3010 *Loox* 833.75.040
833.75.041
833.75.042

| LED lamp | K | W | T _A | Ø (mm) | h (mm) | Weight |
|------------|--------|--------|-----------------------------------|-----------|-------------|--|
| 833.75.040 | 3000 K | 3.25 W | -20 °C = +35 °C -4 °F = +95 °F | Ø 65 x 12 | ≥ Ø 75 x 22 | 833.77.900 |
| 833.75.041 | 4000 K | | | | | 833.77.901 |
| 833.75.042 | 6000 K | | | | | 833.77.912 833.77.913 833.77.914 833.77.915 |

i 100 - 240

1/2

Language neutral installation instructions are provided for all Häfele Loox lighting systems.

Energy efficiency class

Label in all EU languages

HÄFELE 833.75.040
LED 3010

This luminaire contains built-in LED lamps.

A++
A+
A
B
C
D
E

} 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/us

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| 001.07.522 | 117 | 820.66.756 | 126, 127 | 833.01.700 | 37 | 833.71.058 | 74 |
| 001.08.004 | 117 | 820.66.780 | 129 | 833.01.760 | 33 | 833.71.059 | 74 |
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| 833.93.741 | 9 | 833.95.714 | 105 | 833.95.792 | 105 | | |
| 833.93.742 | 17 | 833.95.715 | 105 | 833.95.793 | 105 | | |
| 833.93.743 | 17 | 833.95.716 | 106 | 833.95.794 | 105 | | |
| 833.94.100 | 22 | 833.95.717 | 105 | 833.95.795 | 105 | | |
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