HÄFELE

THE LED LIGHTING DESIGN SYSTEM
EDITION 1

CONTENTS

CONTENTS

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.
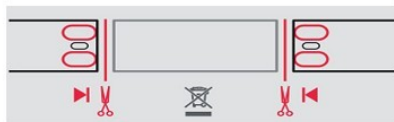
LED 12 V
LED Strip Light ribbons

HÄFELE

Häfele Loox LED 2071

LED strip light, 60 LEDs/m, 4.8 W/m

	2700 K	3000 K	4000 K	5000 K	120°
	1050 lx	1090 lx	1120 lx	1130 lx	250 mm
	435 lx	455 lx	460 lx	470 lx	500 mm
	240 lx	245 lx	260 lx	260 lx	750 mm
	145 lx	150 lx	155 lx	160 lx	1000 mm

Area of application: Directed illumination for furniture and furnishings.

Dimmable: Yes
Width: 8 mm
Height: 1.3 mm
Life time L80/B10: >30 000 h
Energy efficiency class: A+
Degree of protection: IP20
Mounting: Self-adhesive

Note:
Please note width of clip connector when installing.
Can be shortened every 33 mm

Supplied with:
5 m roll
Mains lead to be ordered separately - see page 14

Light colour	Luminius flux lm	Wattage W	Luminius efficacy lm/W	Length mm	Cat. No.
Warm white 3000 K	465	4.8 W / m	97	5000	833.74.301
Cool white 4000 K	490	4.8 W / m	102	5000	833.74.302
Cool white 5000 K	495	4.8 W / m	103	5000	833.74.303

HSA **2**   www.hafele.co.za

LED 12 V
LED Strip Light ribbons

Häfele Loox LED 2074

LED strip light, 120 LEDs/m, 9.6 W/m

Area of application:	Directed illumination for furniture and furnishings.
Dimmable:	Yes
Width:	8 mm
Height:	1.3 mm
Life time L80/B10:	>30 000 h
Energy efficiency class:	A+
Degree of protection:	IP20
Mounting:	Self-adhesive

Note:
Please note width of clip connector when installing.
Can be shortened every 33 mm

Supplied with:
Mains lead to be ordered separately - see page 14
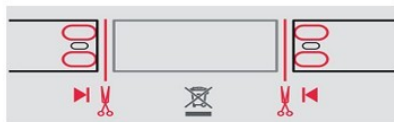
2700 K	3000 K	4000 K	5000 K		120°
2145 lx	2250 lx	2300 lx	2300 lx	☀	250 mm
900 lx	940 lx	950 lx	955 lx	☀	500 mm
480 lx	505 lx	510 lx	515 lx	☀	750 mm
300 lx	310 lx	320 lx	320 lx	☀	1000 mm

Light colour	Luminius flux lm	Wattage W / m	Luminius efficacy lm/W	Length mm	Cat. No.
Warm white 3000 K	970	9.6	101	5000	833.74.309
Cool white 4000 K	1000	9.6	104	5000	833.74.310
Cool white 5000 K	1040	9.6	108	5000	833.74.311

Lighting - linear light
Profiles for surface mounting

HÄFELE

Profile for under mounting, Häfele Loox, profile 2190
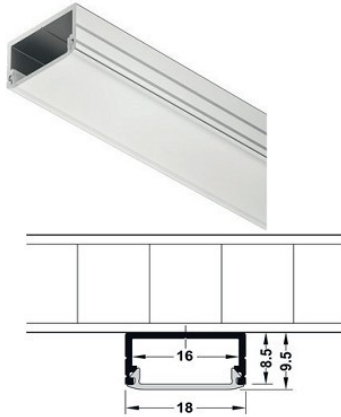
Material:	Aluminium
Internal width:	16 mm
Diffuser width:	16 mm
Mounting:	For screw fixing with retaining clip

Note:
For LED strip lights up to a width of 10 mm.

Supplied with:
1 profile, 1 diffuser

Length mm	Colour/finish	Cat. No.
2500	Profile: silver coloured anodized, diffuser: milky	833.72.840

End Cap for Häfele Loox, profile 2190

Material:	Plastic
Version:	With cable outlet
Usable for:	Häfele Loox, profile 2190

Supplied with:
1 pair

Colour/finish	Cat. No.
Silver coloured	833.72.852

TCH-HSA 2020, HDE-en, 10/15; Dimensional data not binding. We reserve the right to alter specifications without notice. E&OE (errors and omissions expected)

HSA **4**   www.hafele.co.za

Lighting - linear light
Profiles for surface mounting

HÄFELE

Profile for under mounting, Häfele Loox, profile 2191
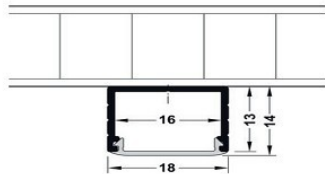
Material:	Aluminium
Internal width:	16 mm
Diffuser width:	16 mm
Mounting:	For screw fixing with retaining clip

Note:
For LED strip lights up to a width of 10 mm.

Supplied with:
1 profile, 1 diffuser

Length mm	Colour/finish	Cat. No.
2500	Profile: silver coloured anodized, diffuser: milky	833.72.841

End Cap for Häfele Loox, profile 2191

Material:	Plastic
Version:	With cable outlet
Usable for:	Häfele Loox, profile 2191

Supplied with:
1 pair

Colour/finish	Cat. No.
Silver coloured	833.72.853

www.hafele.co.za   HSA **5**

Lighting - linear light
Profiles for recess mounting

HÄFELE

Profile for under mounting, Häfele Loox, profile 1190
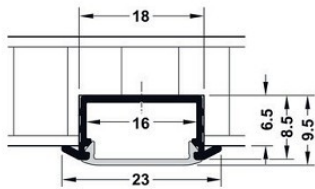
Material: Aluminium
Internal width: 16 mm
Diffuser width: 16 mm
Routing width: 18 mm
Routing depth: 6.5 mm

Note:
For LED strip lights up to a width of 10 mm. The surface of the aluminium profile must be cleaned before gluing on the LED strip lights. It must be completely clean, grease and dust free.
LED points are always visible when this profile is used.

Supplied with:
1 profile, 1 diffuser

Length mm	Colour/finish	Cat. No.
2500	Profile: silver coloured anodized, diffuser: milky	833.72.844
2500	Profile: silver coloured anodized, diffuser: frosted	833.72.845

End Cap for Häfele Loox, profile 1190

Material: Plastic
Version: With cable outlet
**Usable for:** Häfele Loox, profile 1190

Supplied with:
1 pair

Colour/finish	Cat. No.
Silver coloured	833.72.855

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HSA **6**   www.hafele.co.za

Lighting - linear light
Profiles for recess mounting

HÄFELE

Profile for under mounting, Häfele Loox, profile 1191
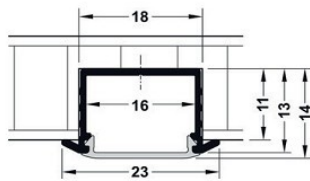
Material:	Aluminium
Internal width:	16 mm
Diffuser width:	16 mm
Routing width:	18 mm
Routing depth:	11 mm

Note:
For LED strip lights up to a width of 10 mm. The surface of the aluminium profile must be cleaned before gluing on the LED strip lights. It must be completely clean, grease and dust free.

Supplied with:
1 profile, 1 diffuser

Length mm	Colour/finish	Cat. No.
2500	Profile: silver coloured anodized, diffuser: milky	833.72.846

End Cap for Häfele Loox, profile 1191

Material:	Plastic
Version:	With cable outlet
Usable for:	Häfele Loox, profile 1191

Supplied with:
1 pair

Colour/finish	Cat. No.
Silver coloured	833.72.854

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Lighting - linear light
Profiles for surface mounting

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Wardrobe rail profile Häfele Loox, profile 5105
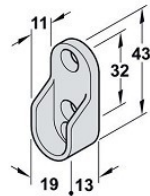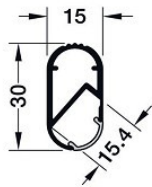
Area of application:	As wardrobe rail
Version:	Frosted diffuser
Material:	Aluminium
Width:	15 mm
Height:	30mm

Note:
For LED strip lights up to a width of 10 mm. Load bearing capacity of wardrobe rail: 20kg /m, note dimensions of clip connector.The surface of the aluminium profile must be cleaned before gluing on the LED strip lights. It must be completely clean, grease and dust free.

Supplied with:
1 profile, 1 diffuser

Length mm	Colour/finish	Cat. No.
2500	Profile: silver coloured anodized, diffuser: frosted	833.72.790
Bracket	silver coloured anodized	803.33.757

Wardrobe rail profile Häfele Loox, profile 2195

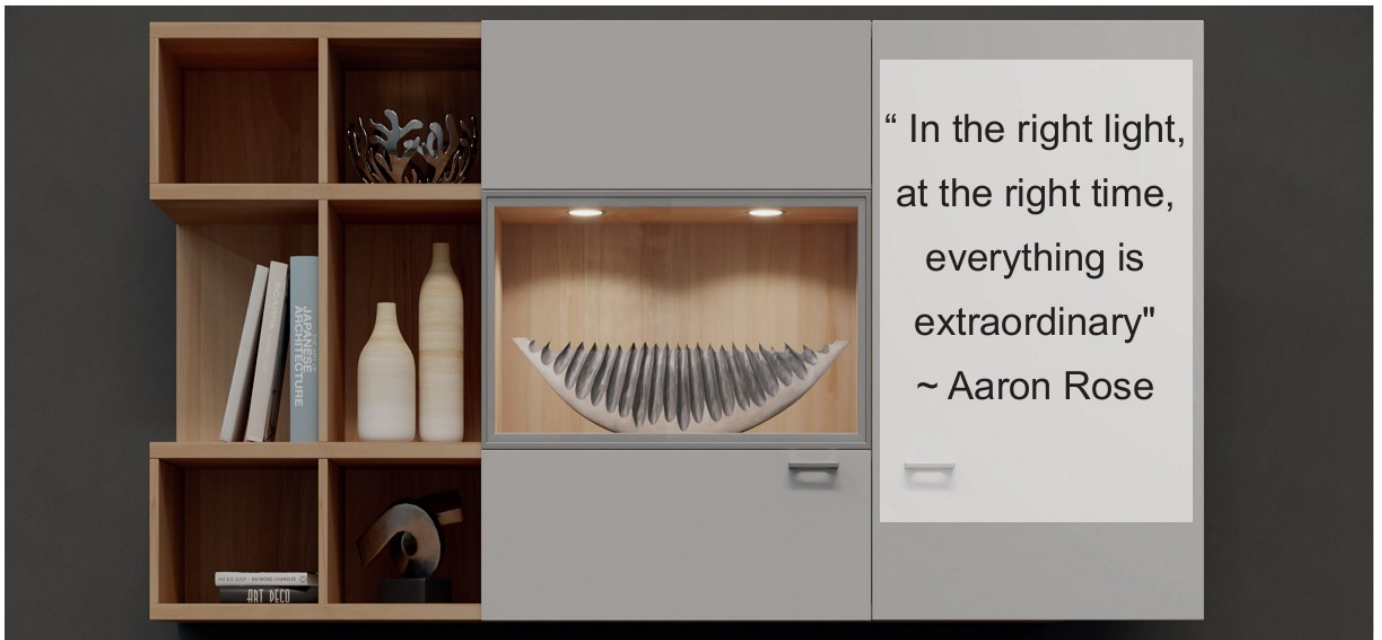| Version:	Diffuser, milky
Material:	Aluminium
Width:	20 mm
Height:	20 mm
Mounting:	For glue fixing

Note:
For LED strip lights up to a width of 10 mm. The surface of the aluminium profile must be cleaned before gluing on the LED strip lights. It must be completely clean, grease and dust free.

Supplied with:
1 profile, 1 diffuser

Length mm	Colour/finish	Cat. No.
2500	Profile: silver coloured anodized, diffuser: milky	833.74.812

HSA **8**   www.hafele.co.za

" In the right light,
at the right time,
everything is
extraordinary"
~ Aaron Rose

Lighting - point light
Recess / surface mounted downlights

HÄFELE

Häfele Loox LED 2022

Recess mounted light 12 V, 1.5 W, drill hole diameter: 26mm, IP44

Dimmable:	Yes
Area of applicaion:	Shelving systems, display cabinets, shelves
Material:	Aluminium
Number of LEDs:	3
Life time:	30 000 hrs
Weighted energy consumption:	1.65 kWh/1000 h
Energy efficiency class:	A+
Mounting:	For mounting in drilled hole and clamp fixing
Drill hole diameter:	26 mm

Note:
The IP44 degree of protection is reduced to IP20 when mounting as downlight or recess mounting with through hole.

Supplied with:
1 light with 2 m lead

3000 K	4000 K	5000 K		90°
650 lx	650 lx	650 lx	☀	250 mm
163 lx	163 lx	163 lx	☀	500 mm
72 lx	72 lx	72 lx	☀	750 mm
40 lx	40 lx	40 lx	☀	1000 mm

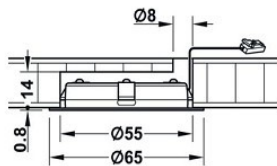| Colour Temp	Light colour	Luminous flux lm	Wattage W	Luminous effi- ciency lm/W	Colour ren- dering index Ra	Colour	Cat. No.
3000	Warm white	105	1.5	70	82	Chrome plated polished	833.72.043
4000	Cool white	105	1.5	70	87	Chrome plated polished	833.72.044
5000	Cool white	105	1.5	70	88	Chrome plated polished	833.72.045

HSA **10**   www.hafele.co.za

Lighting - point light
Recess / surface mounted downlights

HÄFELE

Häfele Loox LED 2047

Recess mounted light 12 V, 3 W, drill hole diameter: 55mm

Ø8
14
0.8
Ø55
Ø65

3000 K	4000 K	5000 K		120°	
560 lx	570 lx	670 lx	☼		250 mm
210 lx	215 lx	245 lx	☼		500 mm
115 lx	115 lx	135 lx	☼		750 mm
75 lx	75 lx	90 lx	☼		1000 mm

Dimmable:	Yes
Area of applicaion:	Shelving systems, display cabinets, shelves
Material:	Steel
Number of LEDs:	24
Life time:	30 000 hrs
Weighted energy consumption:	3.3 kWh/1000 h
Energy efficiency class:	A+
Mounting:	For mounting in drilled hole and clamp fixing
Drill hole diameter:	55 mm

Note:
Degree of protection with surface mounted housing is IP20.
Surface mounted housing available, please order separately see page 13.

Supplied with:
1 light with 2 m lead

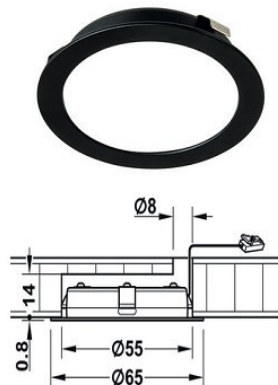| Colour Temp	Light colour	Luminous flux lm	Wattage W	Luminous efficiency lm/W	Colour rendering index Ra	Colour	Cat. No.
3000	Warm white	210	3	70	90	Silver coloured	833.72.340
4000	Cool white	216	3	72	90	Silver coloured	833.72.341
5000	Cool white	240	3	80	83	Silver coloured	833.72.342

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Lighting - point light
Recess / surface mounted downlights

HÄFELE

Häfele Loox LED 2047

Recess mounted light 12 V, 3 W, drill hole diameter: 55mm

Ø8

14

0.8

Ø55
Ø65

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

Dimmable:	Yes
Area of applicaion:	Shelving systems, display cabinets, shelves
Material:	Steel
Number of LEDs:	24
Life time:	30 000 hrs
Weighted energy consumption:	3.3 kWh/1000 h
Energy efficiency class:	A+
Mounting:	For mounting in drilled hole and clamp fixing
Drill hole diameter:	55 mm

Note:
Degree of protection with surface mounted housing is IP20.
Surface mounted housing available, please order separately see page 13.

Supplied with:
1 light with 2 m lead

Colour Temp	Light colour	Luminous flux lm	Wattage W	Luminous effi- ciency lm/W	Colour ren- dering index Ra	Colour	Cat. No.
3000	Warm white	240	3	70	90	Matt Black	833.72.420

HSA **12**   www.hafele.co.za

Lighting - point light
Recess / surface mounted downlights

HÄFELE

Surface mounted housing - LED 2047

Mounting:	Screw fixing

Ø8

Ø66.5

15.5

0.8
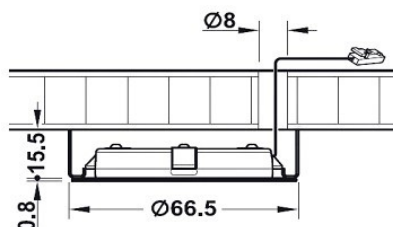
Colour / finish	Cat. No.
Silver	833.72.803
Black	833.72.801

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HSA **13**

Distribution and supply
Adaptor

HÄFELE

Adaptor lead, Häfele Loox5, 3.5 A

For connecting Loox5 LED strip lights to a Loox driver or colour mixer. 12 V

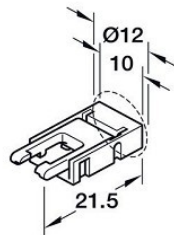|	
Current Capacity:	3.5 A
Wire cross section AWG:	20
Cable Length:	2000 mm
Supplied with:	
1 lead plug/clip	

Adaptor lead for 12 V Loox5 LED
strup light 8mm monochrome

Outputs	Input ports	Clip width mm	Cat. No.
1 x clip, Loox5 LED strip light 8 mm monochrome	1 x plug, Loox 2-pin, 12 V	10	833.72 716

Interconnecting lead, Loox5, 5 A, clip width 10 mm

For LED strip light monichrome, 8mm

Current Capacity:	5 A
Wire cross section AWG:	18
Material:	Plastic
Number of individual wires:	2
Clip drill hole diameter:	12 mm
Clip width:	10 mm

Note:
Also suitable for constant current strip lights.

Supplied with:
1 lead clip/clip

Ø12
10
21.5

Outputs	Input ports	50 mm	500 mm	2000 mm
1 x clip, Loox5 LED strip light 8 mm monochrome	1 x clip, Loox5 LED strip light 8mm monochrome	833.89.191	833.89.192	833.89.193

HSA **14**   www.hafele.co.za

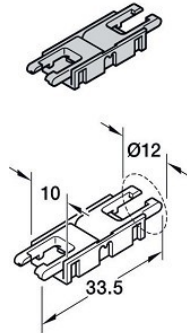## Distribution and supply
Adaptor

HÄFELE

Clip connector, Häfele Loox5 for LED strip light monochrome, 8mm 5 A, clip width 10mm

Area of application:	For connecting / extending two LED strip lights.
Material:	Plastic
Current carrying capacity:	5 A
Clip connector type:	Loox5 LED strip light, 8mm monochrome.
Clip drill hole diameter:	12 mm
Supplied with:	
10 clip connectors	

Ø12
10
33.5

Length	Width mm	Cat. No.
33.5	10	833.89.206

Corner connector, Häfele Loox5 for LED strip light monochrome, 8mm 5 A, clip width 10mm

Area of application:	For connecting / extending two LED strip lights.
Material:	Plastic
Current carrying capacity:	5 A
Clip connector type:	Loox5 LED strip light, 8mm monochrome.
Supplied with:	
10 corner connectors	

Length	Width mm	Cat. No.
24	24	833.89.187

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Distribution and supply
Adaptor

HÄFELE

Häfele Loox extension lead 3.5 A - 12 V

For Loox monochrome lights and other 2-pin consumers (charging stations, audio) and distributors

Current Capacity: 3.5 A
Wire cross section AWG: 20
Material: Plastic
Plug drill hole diameter: 8 mm

Note:
Lead length from driver to light max. 6 m. With RGB lights and multi-white lights, the lead of the mixing unit can be extended, but not the lead of the individual light.

Input ports	Outputs	Cable Length in mm	Cat. No.
1 x plug, Loox 2-pin, 12 V	1 x socket, Loox 2-pin, 12 V	2000	833.73.766

Häfele Loox, 6 - way distributor, 3.5 A
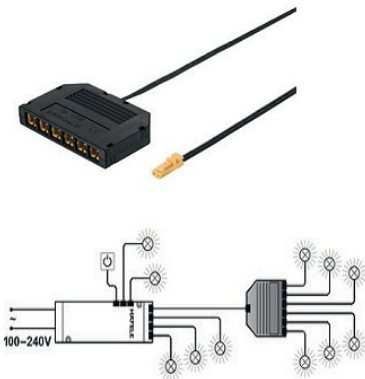
Area of applicaiton: For connecting up to 6 consumers to one slot of the driver
Cable length: 200 mm
Wire cross section AWG: 20
**Current carrying
capacity:**   3.5 A
Dim. (L x W x H):   59 x 34 x 18 mm

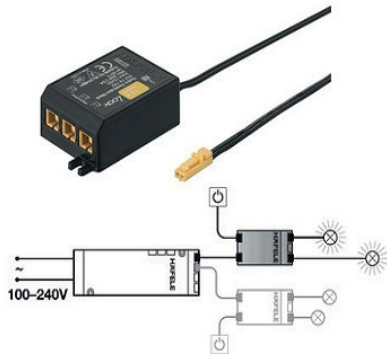**Supplied with:**
1 x distributor with 2 m lead.

Input ports	Outputs	Power loading capacity W	Cat. No.
1 x plug, Loox 2-pin, 12 V	6 x socket, Loox 2-pin, 12 V	42	833.74.798

Distribution and supply
Adaptor

HÄFELE

Häfele Loox, 3 - way distributor, with switching function 3.5 A

| Area of applicaiton:	For switching of up to 3 consumer groups
Control Inputs:	1 x socket, Loox switch
Cable length:	200 mm
Wire cross section AWG:	20
Current carrying capacity:	3.5 A
Dim. (L x W x H):	57 x 34 x 18 mm

Supplied with:
1 x distributor with 2 m lead.

Input ports	Outputs	Power loading capacity W	Cat. No.
1 x plug, Loox 2-pin, 12 V	3 x socket, Loox 2-pin, 12 V	42	833.74.751

Häfele Loox multi switch box
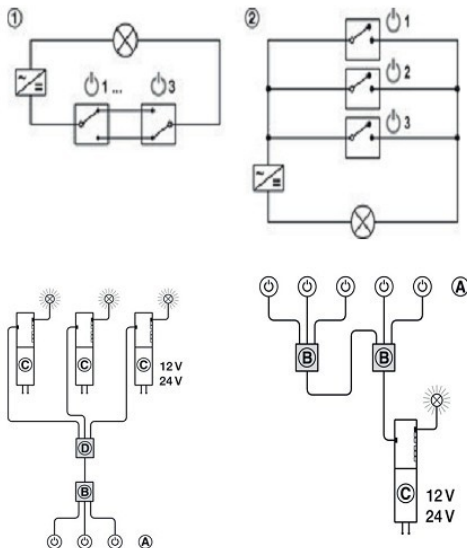
Functionality:	2 operating modes can be selected using an integrated toggle switch. Cross circuit: On/Off switching at different switches. Deactivated cross circuit: Switching on with switch 1, 2 or 3. For switching off, all switches that were switched on have to be actuated again.
Material:	Plastic
Colour/finish:	Black
Control inputs:	1 x socket, Loox switch
Control outputs:	3 x socket, Loox switch
Operation mode:	With cross circuit Deactivated cross circuit
Dim. (L x W x H):	55 x 45 x 16 mm
Plug drill hole diameter:	12 mm
Degree of protection:	IP20
Cable length:	1000 mm

Note:
2 multi switch boxes can be connected and can be used with 5 switches.

Supplied with:
1 multi switch box with 1 m lead for switch.

Standby power consumption W	Cat. No.
0.3	833.89.066

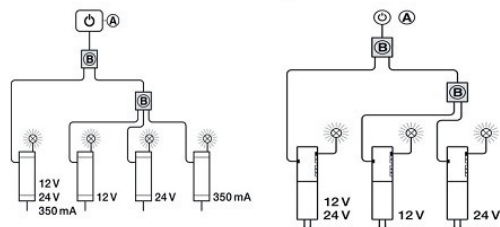www.hafele.co.za   HSA **17**

Distribution and supply
Adaptor

HÄFELE

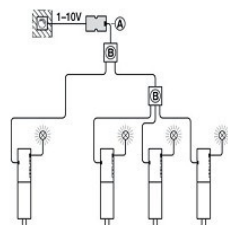### Häfele Loox multi driver box

Cascade consisting of 2 multi driver boxes for max. 5 drivers/ distributor with switching funciton.

Loox connection diagram:
A = Switch
B = Multi driver box

Loox connection diagram:
Cascade consisting of 2 multi driver boxes for max 5 drivers/ distributors with switching funciton.
A = Dimmer interface
B = Multi driver box
Not compatible with multi switch box.

Loox connection diagram:
Combination of multi switch box and multi driver box.
A = Switch
B = Multi switch box
C = Driver
D = Multi driver box
Not compatible with Loox dimmer switch.

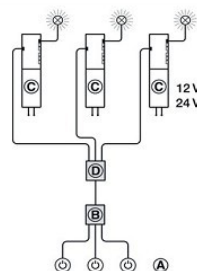|	
Functionality:	For switching of up to 3 drivers with one switch. Combination of different systems possible (12 V, 24 V, 350mA)
Material:	Plastic
Colour/finish:	Black
Control inputs:	3 x plug, Loox switch
Control outputs:	1 x socket, Loox switch
Dim. (L x W x H):	50 x 40 x 19 mm
Plug drill hole diameter:	12 mm
Cable length:	1000 mm

Note:
Maximum lead length from driver to switch 6 m. Up to 5 drivers/ distributors can be switched using one switch by cascading 2 multi driver boxes.

Supplied with:
1 driver box with fixing material.
3 leads for switches 1 m each.

Standby power consumption W	Cat. No.
1.5	833.89.061

Adaptor for connecting Loox5 to Loox3

Loox driver

12 V Loox5 socket/ Loox plug

Area of application:	For connecting Loox5 devices to Loox drivers or Loox distributors. Suitable for all consumers with 2-pin Loox5 plugs e.g. monochrome lights, distributors, charging stations, etc.
Drill hole diameter:	13 mm
Current carrying capacity:	3.5 A
Length:	45 mm

Note:
Not suitable for 4-pin Loox5 plugs (multi-white or RGB).
The current carrying capacity is limited to 3.5 A. Please pay attention to the power loading capacity.

Outputs	Input ports	Power loading capacity W	Cat. No.
1 x socket, Loox5 2-pin 12 V	1 x plug, Loox 2-pin 12 V	42	833.95.752

Distribution and supply
USB adaptor

HÄFELE

USB adaptor 12 V
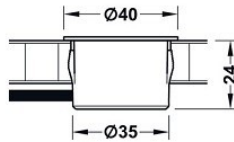
|	
Area of application:	Furniture
Material:	Plastic
Nominal voltage:	12 V
Charging socket types:	2 x USB-A
Output voltage:	5 V
Charging current:	2 x 1 A
Output power:	10 W
Drill hole diameter:	35 mm
Dimensions (Ø x H):	40 x 24 mm

Note:
Driver output min. 15 W per charging station.

Supplied with:
1 x USB charging station.

Colour/finish	Cat. No.
Matt, nickel plated	833.73.753

Snap-in lead for USB adaptor
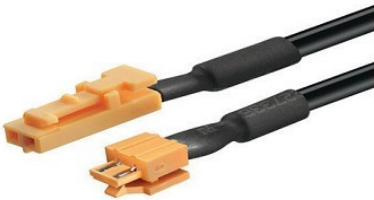
Length mm	Cat. No.
1000	833.72.881

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Drivers
Driver 12 V

HÄFELE

Häfele Loox Driver - constant voltage 12 V

Wattage 60 W
6 x access ports, 1 switch

Wattage 40 W
6 x access ports, 1 switch

Area of application:	For 12 V consumer with Loox plug system, for switches with Loox plug system, suitable for connecting to all of the world's most frequently used mains voltages and mains frequencies.
Version:	Parallel connection
Nominal voltage:	DC 12 V
Input voltage:	100-240 V; 50-60 Hz

Supplied with:
1 driver

Note:
All consumers must be connected to the driver first, before connecting the driver to the mains.
Lead length from driver to switch or light is max 6 m.

Installations:
Min distance surrounding 50 mm. Provide for sufficient air supply and circulation at the mounting location of the driver. Please note max. ambient temperature. Overvoltage protection must be provided. Provide inspection opening.

Wattage	Stand-by power consumption	Number of connections	DIM (LxWxH) mm	Cat. No.
40	0.1	6 x consumer 1 x switch	190 x 60 x 16	833.74.962
60, max. 30 on one slot	0.5	6 x consumer 1 x switch	208 x 56.5 x 30	833.74.913

Mains lead

Area of application:	For small appliances with input C8 e.g. Loox and Loox5 drivers up to 90 W
Material:	Plastic

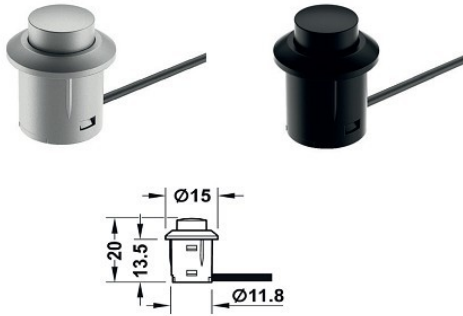| Voltage	Cable length mm	Wire cross section	Plug	Socket	Version	Cat. No.
250	2000	0.75	C (EU Flat Plug)	C7	Black	833.89.002

Switching and controlling
Mechanical switch

HÄFELE

Häfele Loox push switch, on/off

Switching function:	On/off
Material:	Plastic
Degree of protection:	IP20
Drill hole diameter:	12 mm
Cable length:	2000 mm
Plug drill hole diameter:	12 mm
Di. (Ø x L):	15 x 20 mm

Supplied with:
1 switch with 2 m lead.

Ø15
20
13.5
Ø11.8

Colour/finish	Cat. No.
Black	833.89.108
Grey	833.89.107

Häfele Loox touchless dimmer, modular design, gentle on / off

Switching function:	Gentle on/off, dimming (with memory function)
Material:	Plastic
Wattage:	0.3 W
Degree of protection:	IP20
Mounting:	For drilling in or for inserting into housing
Drill hole diameter:	12 mm
Di. (Ø x L):	1.3.5 x 46 mm

Note:
Please order Loox lead separately see page 24

Ø13.5
46
Ø11.8
0.5

Colour/finish	Cat. No.
Silver coloured	833.89.126

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Switching and controlling
Mechanical / sensor switch

HÄFELE

Häfele Loox gentle touchless on / off

Switching function:	Gentle touchless on/off, dimming (with memory function)
Material:	Plastic
Sensor range:	0 - 80 mm
Wattage:	0.3 W
Degree of protection:	IP20
Mounting:	For drilling in or for inserting into housing
Drill hole diameter:	12 mm
Di. (Ø x L):	1.3.5 x 46 mm

Note:
Please order Loox lead separately see page 24

Ø13.5   46   Ø11.8   0.5

Colour/finish	Cat. No.
Silver coloured	833.89.127

Häfele Loox door sensor switch, modular, on/off, gentle

Switching function:	Gentle on/off Door open = light on Door closed = light off
Material:	Plastic
Sensor range:	0 - 100 mm
Wattage:	0.3 W
Degree of protection:	IP20
Mounting:	For drilling in or for inserting into housing
Drill hole diameter:	12 mm
Di. (Ø x L):	1.3.5 x 46 mm

Note:
Please order Loox lead separately see page 24

Ø13.5   46   Ø11.8   0.5

Colour/finish	Cat. No.
Silver coloured	833.89.128

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Switching and controlling
Sensor switch

HÄFELE

Häfele Loox motion detector, modular, automatic on/off

Switching function:	Automatic on/off
Material:	Plastic
Sensor range:	0 - 3000 mm
Sensor angle:	120°
Wattage:	0.1 W
Degree of protection:	IP20
Mounting:	For drilling in or for inserting into housing
Drill hole diameter:	12 mm
Di. (Ø x L):	1.3.5 x 56 mm

Note:
Please order Loox lead separately see page 24

Colour/finish	Cat. No.
Silver coloured	833.89.129

### Häfele Loox sensor switch, modular, on/off gentle, touchless
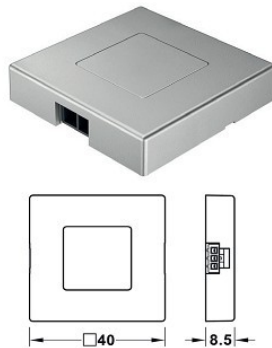
Switching function:	Gentle, touchless on/off with memory function for on/off state in currentless condition
Material:	Plastic
Sensor range:	0 - 80 mm
Wattage:	0.3 W
Degree of protection:	IP20
Mounting:	For glue and screw fixing
Dim. (Lx W x H):	40 x 40 x 8.5 mm

Supplied with:
1 switch with fixing material

Note:
Please order Loox lead separately see page 24

Colour/finish	Cat. No.
Silver coloured	833.89.136

Häfele Loox door sensor switch, modular, gentle on/off
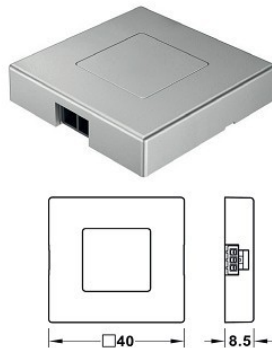
Switching funciton:	Gentle on/off
Material:	Plastic
Sensor range:	0 - 100 mm
Wattage:	0.3 W
Degree of protection:	IP20
Mounting:	For glue and screw fixing
Dim. (Lx W x H):	40 x 40 x 8.5 mm

Supplied with:
1 switch with fixing material
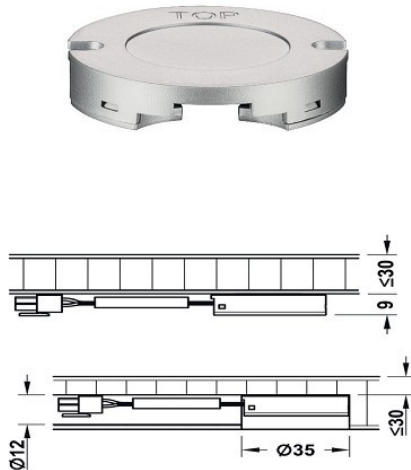
Note:
Please order Loox lead separately see page 24

Colour/finish	Cat. No.
Silver coloured	833.89.137

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Switching and controlling
Sensor switch

HÄFELE

Häfele Loox Captive dimmer, modular on/off

Area of application:	Concealed installation in wood, glass or stone
Suitable for:	Lead with snap-in connector
Switching function:	On/off using proximity sensor, dimming with memory function
Material:	Plastic
Wattage:	1 W
Degree of protection:	IP20
Mounting:	Concealed for recess mounting or screw fixing
Drill hole diameter:	35 mm
Plug drill hole diameter:	12 mm
Maximun installation depth:	30 mm for wood / 10 mm for stone and glass

Note:
Suitable materials: Wood, stone and glass. Do not use in metalliferous materials. Minimum distance of 500 mm from electromagnetic fields (power lines, microwaves etc.) must be adhered to.

Note:
Please order Loox lead separately see page 24

Colour/finish	Cat. No.
Silver coloured	833.89.133

Häfele Loox Lead - for modular switch

Area of application:	For modular switch
Version:	With snap-in connector
Material:	Plastic
Plug drill hole diameter:	12 mm

Note:
The maximum lead length of a switch is 6 m
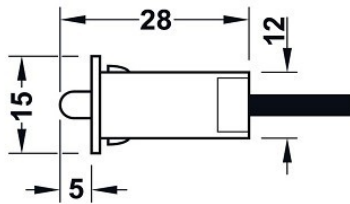
Supplied with:
1 lead plug/modular plug

Input ports	Outputs	Cable length mm	Cat. No.
1 x plug, Loox modular with interval	1 x plug, Loox switch	2000	833.89.142

Switching and controlling
Sensor switch

HÄFELE

Häfele Loox door contact switch, door open = light on, door closed - light off

Area of application:	For switching by door opening or closing the door, also suitable for front panels without handles with opening aid.
Material:	Plastic
Switching function:	Door open = light on
	Door closed = light off
Degree of proteciton:	IP20
Mounting:	For mounting in drilled hole
Drill hole diameter:	12 mm
Cable length:	2000 mm
Plug drill hole diameter:	12 mm
Dim. (Ø x L):	15 x 28 mm

Supplied with:
1 switch with 2 m lead.

Switching contact	Colour/ finish	Cat. No.
Door contact	Black	833.89.059

Housing for Häfele Loox switch

Material:	Plastic
Suitable for:	Switch diameter of 12 mm
Mounting:	For screw fixing
Dim. (L x W x H):	48 x 16 x 17.1 mm
Dim. (Ø x H):	14 x 17.1mm

Note:
Screw on mounting plate, slide on housing.
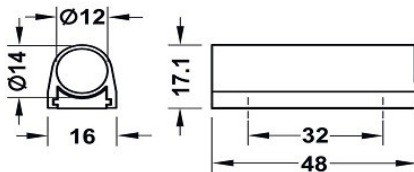
Colour/ finish	Cat. No.
Silver coloured	833.89.092
Matt black coloured	833.89.163

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