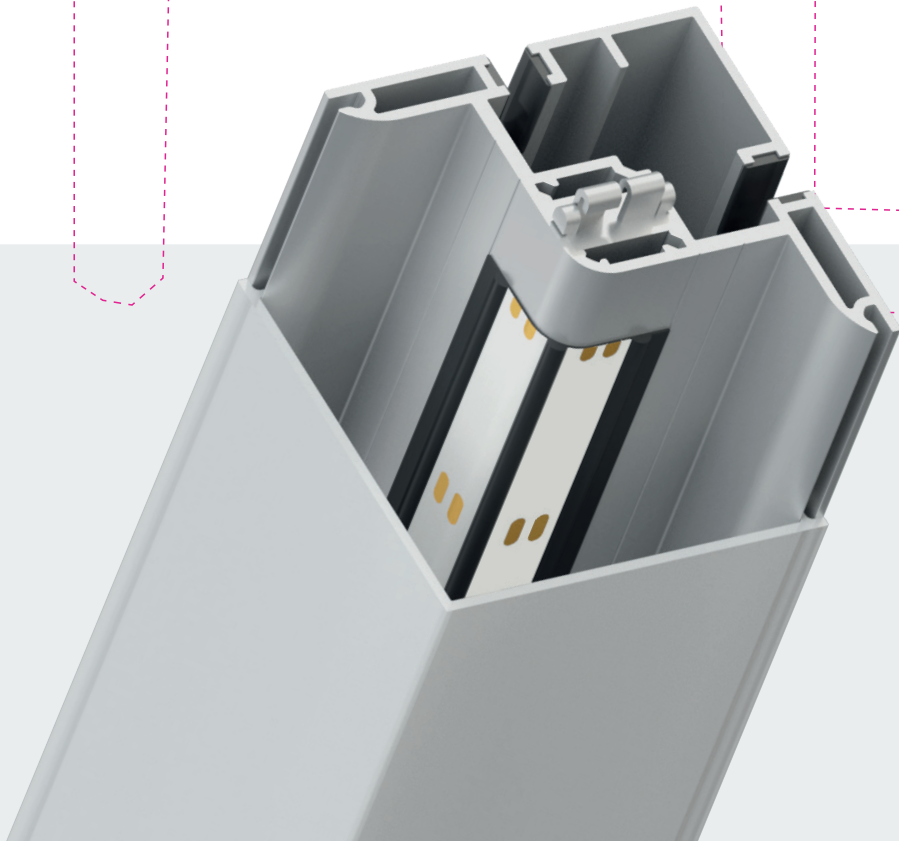


octalux

40/80 mm

Technics 04/26

Illuminated extrusions



↗ Contents

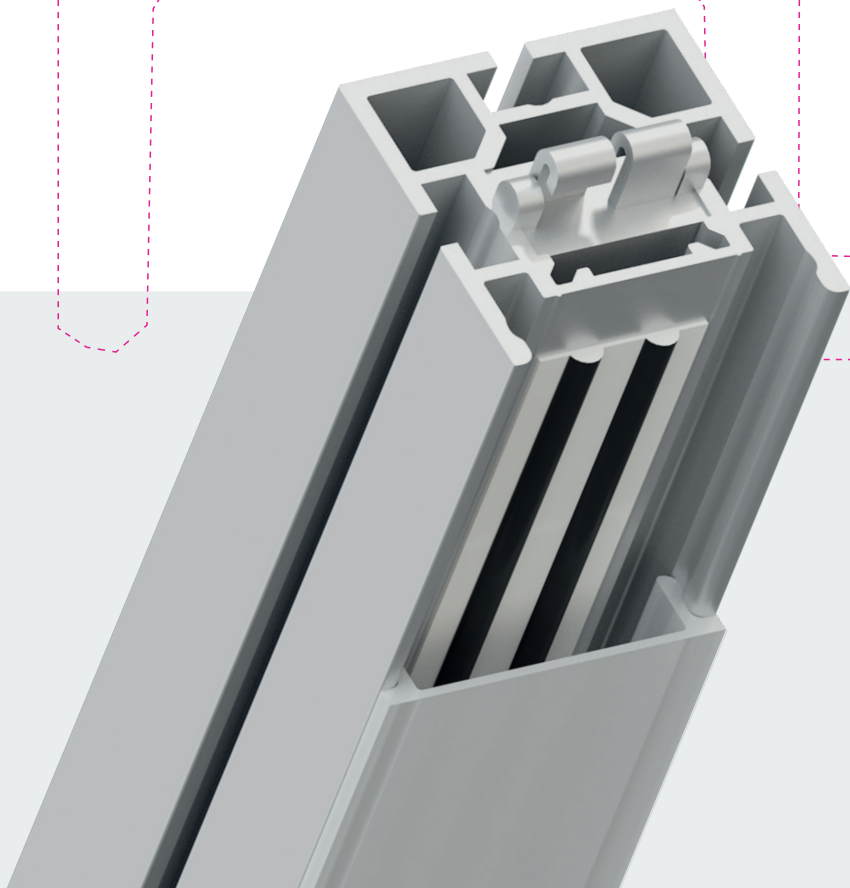
↗ octalux 40	4
↗ octalux 80	29

octalux

40 mm

Technics 04/26

Illuminated extrusions



➤ Contents

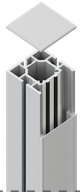
➤ octalux 40	
➤ Basic parts	5
➤ Accessories	11
➤ Safety parts	14
➤ Electrical parts	17
➤ technical information	19

Basic parts

octalux 40

Upright

with illumination
1 illuminated side

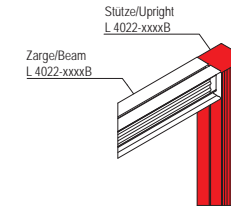
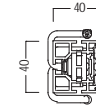


L 4022-5000B.01 | .03 | .28

aluminium

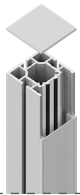
octalux extrusion with 1 illuminated side, 1 × upright extrusion made of L 4022, 1 × acrylic cover L 4023, 1x COB LED strip RGB L 101, 2 × end cap M 1014, 1 × power supply unit L 200, (input 100-120 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 5000 × W 40 × H 40 mm | 6.55 kg



Upright

with illumination
1 illuminated side

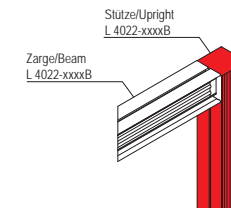
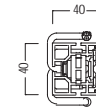


L 4022-4500B.01 | .03 | .28

aluminium

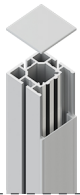
octalux extrusion with 1 illuminated side, 1 × upright extrusion made of L 4022, 1 × acrylic cover L 4023, 1x COB LED strip RGB L 101, 2 × end cap M 1014, 1 × power supply unit L 200, (input 100-120 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 4500 × W 40 × H 40 mm | 5.91 kg



Upright

with illumination
1 illuminated side

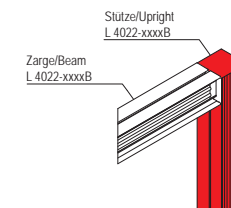
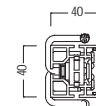


L 4022-4000B.01 | .03 | .28

aluminium

octalux extrusion with 1 illuminated side, 1 × upright extrusion made of L 4022, 1 × acrylic cover L 4023, 1x COB LED strip RGB L 101, 2 × end cap M 1014, 1 × power supply unit L 200, (input 100-120 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 4000 × W 40 × H 40 mm | 5.27 kg

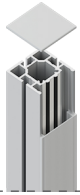


Basic parts

octalux 40

Upright

with illumination
1 illuminated side

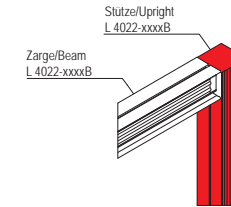
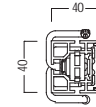


L 4022-3500B.01 | .03 | .28

aluminium

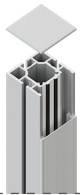
octalux extrusion with 1 illuminated side, 1 × upright extrusion made of L 4022, 1 × acrylic cover L 4023, 1x COB LED strip RGB L 101, 2 × end cap M 1014, 1 × power supply unit L 200, (input 100-120 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 3500 × W 40 × H 40 mm | 4.63 kg



Upright

with illumination
1 illuminated side

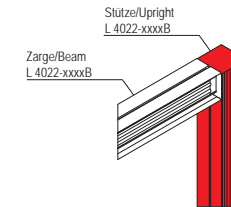
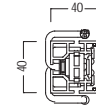


L 4022-3000B.01 | .03 | .28

aluminium

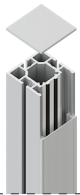
octalux extrusion with 1 illuminated side, 1 × upright extrusion made of L 4022, 1 × acrylic cover L 4023, 1x COB LED strip RGB L 101, 2 × end cap M 1014, 1 × power supply unit L 200, (input 100-120 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 3000 × W 40 × H 40 mm | 3.99 kg



Upright

with illumination
1 illuminated side

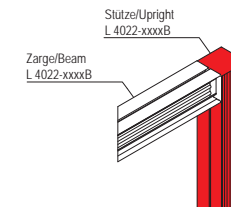
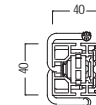


L 4022-2500B.01 | .03 | .28

aluminium

octalux extrusion with 1 illuminated side, 1 × upright extrusion made of L 4022, 1 × acrylic cover L 4023, 1x COB LED strip RGB L 101, 2 × end cap M 1014, 1 × power supply unit L 200, (input 100-120 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 2500 × W 40 × H 40 mm | 3.35 kg

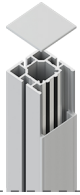


Basic parts

octalux 40

Upright

with illumination
1 illuminated side

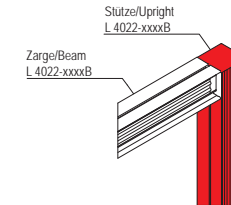
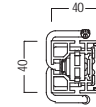


L 4022-2000B.01 | .03 | .28

aluminium

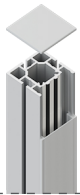
octalux extrusion with 1 illuminated side, 1 x upright extrusion made of L 4022, 1 x acrylic cover L 4023, 1x COB LED strip RGB L 101, 2 x end cap M 1014, 1 x power supply unit L 200, (input 100-120 VAC or 200-240 VAC), 1 x controller L 185-1, CE certified

L 2000 x W 40 x H 40 mm | 2.71 kg



Upright

with illumination
1 illuminated side

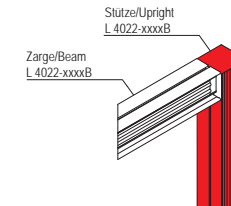
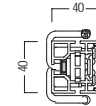


L 4022-1500B.01 | .03 | .28

aluminium

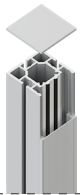
octalux extrusion with 1 illuminated side, 1 x upright extrusion made of L 4022, 1 x acrylic cover L 4023, 1x COB LED strip RGB L 101, 2 x end cap M 1014, 1 x power supply unit L 200, (input 100-120 VAC or 200-240 VAC), 1 x controller L 185-1, CE certified

L 1500 x W 40 x H 40mm | 2.07 kg



Upright

with illumination
1 illuminated side

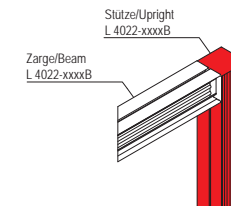
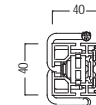


L 4022-1000B.01 | .03 | .28

aluminium

octalux extrusion with 1 illuminated side, 1 x upright extrusion made of L 4022, 1 x acrylic cover L 4023, 1x COB LED strip RGB L 101, 2 x end cap M 1014, 1 x power supply unit L 200, (input 100-120 VAC or 200-240 VAC), 1 x controller L 185-1, CE certified

L 1000 x W 40 x H 40 mm | 1.42 kg



Basic parts

octalux 40

Beam

with illumination
1 illuminated side

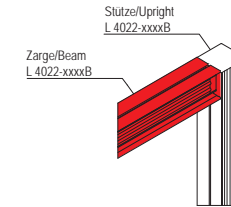
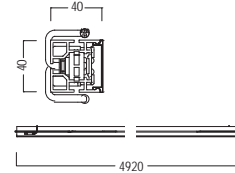


L 4022-4920B.01 | .03 | .28

aluminium

with 1 illuminated side, 1 × beam extrusion made of L 4022, 1 × acrylic cover L 4023, 1 × COB LED strip RGB L 101, 2 × end cap M 1014, 1 × power supply unit L 200 (input 100-120 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 4920 × W 40 × H 40 mm | 21.241 kg



Beam

with illumination
1 illuminated side

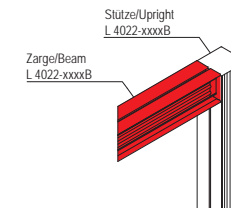
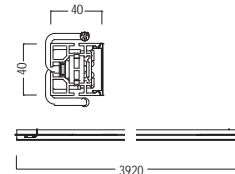


L 4022-3920B.01 | .03 | .28

aluminium

with 1 illuminated side, 1 × beam extrusion made of L 4022, 1 × acrylic cover L 4023, 1 × COB LED strip RGB L 101, 2 × end cap M 1014, 1 × power supply unit L 200 (input 100-120 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 3920 × W 40 × H 40 mm | 17.564 kg



Beam

with illumination
1 illuminated side

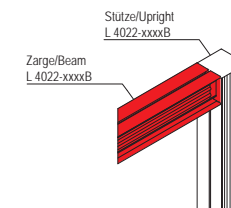
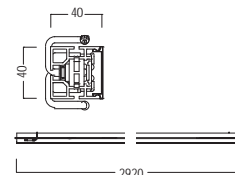


L 4022-2920B.01 | .03 | .28

aluminium

with 1 illuminated side, 1 × beam extrusion made of L 4022, 1 × acrylic cover L 4023, 1 × COB LED strip RGB L 101, 2 × end cap M 1014, 1 × power supply unit L 200 (input 100-120 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 2920 × W 40 × H 40 mm | 13.813 kg



Basic parts

octalux 40

Beam

with illumination
1 illuminated side

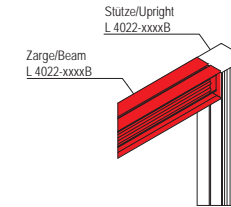
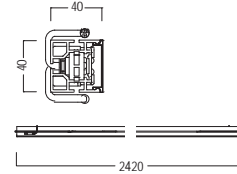


L 4022-2420B.01 | .03 | .28

aluminium

with 1 illuminated side, 1 × beam extrusion made of L 4022, 1 × acrylic cover L 4023, 1 × COB LED strip RGB L 101, 2 × end cap M 1014, 1 × power supply unit L 200 (input 100-120 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 2420 × W 40 × H 40 mm | 11.974 kg



Beam

with illumination
1 illuminated side

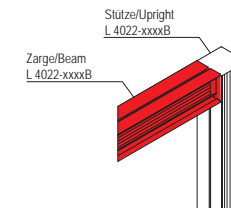
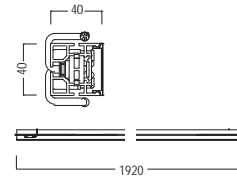


L 4022-1920B.01 | .03 | .28

aluminium

with 1 illuminated side, 1 × beam extrusion made of L 4022, 1 × acrylic cover L 4023, 1 × COB LED strip RGB L 101, 2 × end cap M 1014, 1 × power supply unit L 200 (input 100-120 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 1920 × W 40 × H 40 mm | 10.062 kg



Beam

with illumination
1 illuminated side

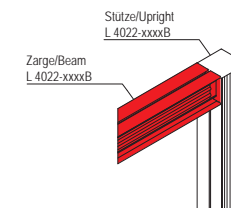
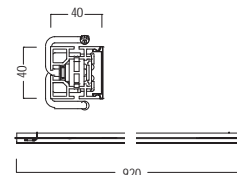


L 4022-920B.01 | .03 | .28

aluminium

with 1 illuminated side, 1 × beam extrusion made of L 4022, 1 × acrylic cover L 4023, 1 × COB LED strip RGB L 101, 2 × end cap M 1014, 1 × power supply unit L 200 (input 100-120 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 920 × W 40 × H 40 mm | 6.231 kg



Basic parts

octalux 40

Covering

for L 4022
for 1 illuminated side

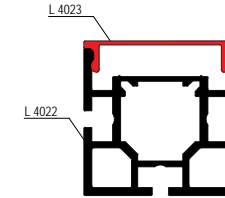
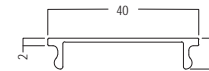


L 4023.50

polycarbonate, translucent

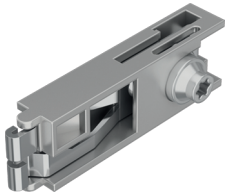
for extrusion L 4022, 1 illuminated side, especially for COB-LEDs L 101 from the octalux product line

L 6000 × W 40 × H 8.5 mm | 0.504 kg



Tension lock

8 mm
L 70 × W 20 × H 12 mm

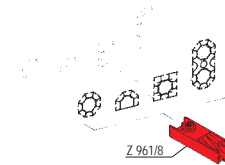
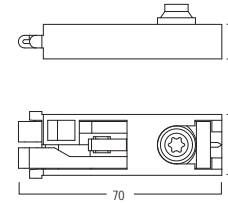


Z 961/8.00

zinc die cast/steel

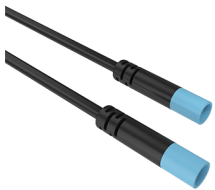
8 mm, for all beam extrusions with cross- or T-lock chamber 21 × 12 mm

L 70 × W 20 × H 12 mm | 0.054 kg



Connecting cable

230 V, 2-wire
Socket-Socket

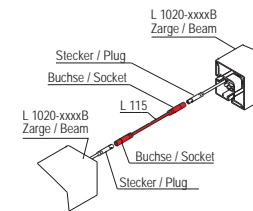
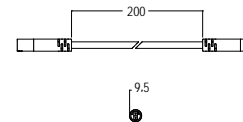


L 115.33

plastic

230 V, 2-wire, for electrical connection of two octalux beams (plugs)

200 mm long | 0.016 kg



! Not suitable for electrical connection of two octalux uprights (sockets)

Accessories

octalux 40

Adjustable foot

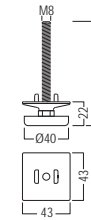
M8
for extrusions 40 × 40 mm



M 1016.37

zinc die cast/steel

for extrusions 40 × 40 mm, thread M8
L 43 × W 43 × H 94 mm | 0.119 kg



Threaded plug

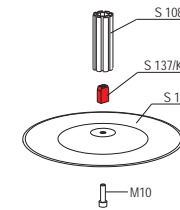
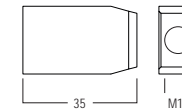
M10
L 35 × W 21 × H 12 mm



S 137/K.00

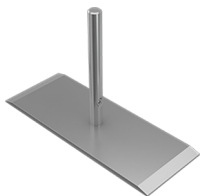
aluminium

for lock chamber 21 × 12 mm, with thread M10
L 35 × W 21 × H 12 mm | 0.016 kg



Base plate

for upright extrusions
L 320 × W 120 × H 212 mm

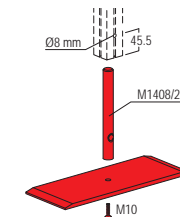
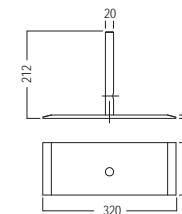


M 1408.21

steel

for upright extrusions M 1000 / S 108..., incl. supporting peg
M 1408/2, 1 × countersunk screw eZ5030/20 (M10) and 1 ×
hex-star screw E 111/m (M6)

L 320 × W 120 × H 212 mm | 2.806 kg

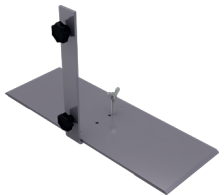


Accessories

octalux 40

Base plate

side
L 495 x W 170 x H 301 mm

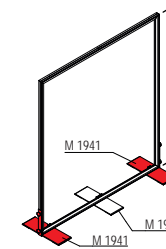
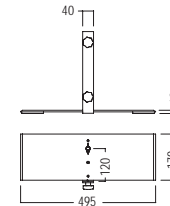


M 1941.21

steel

for free standing frames made of extrusions M 1304, M 1305, M 1307, W 906, for side mounting and additional connecting to bottom beam, incl. 1 x mounting parts M 1951BS, max. frame height = 2000 mm

L 495 x W 170 x H 301 mm | 5.338 kg



I Suitable for both left and right side

End cap

for extrusions 40 x 40 mm
L 40 x W 40 x H 12 mm

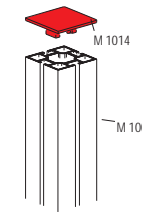
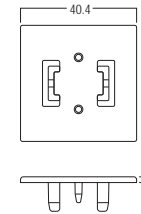


M 1014.33 | .35

plastic

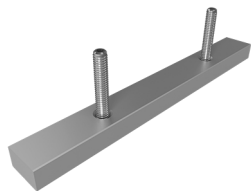
for all square extrusions 40 mm

L 40 x W 40 x H 12 mm | 0.004 kg



Internal connector

straight
L 180 x W 21 x H 12 mm

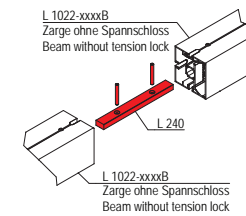
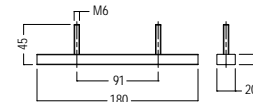


L 240.00

aluminium/steel

for longitudinal connection of two octalux beams with lock chamber 21 x 12 mm, consisting of: 1 x connection part straight OL 240-1, 2 x set screw M6x45 N 00002

L 180 x W 21 x H 12 mm | 0.134 kg



I Joining point must be relieved. Please refer to technical information TI-L-1.0.

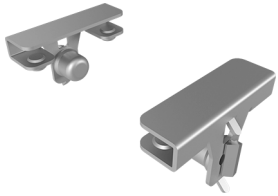
I To connect two beams with L 240, tension locks have to be removed

Accessories

octalux 40

Bracket

for 8 mm shelves
L 70 × W 22 × H 50 mm

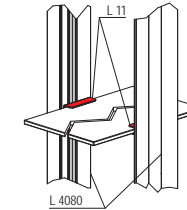
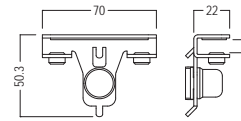


L 11.21 | .23

steel

Bracket for height-adjustable mounting by using hammerhead screws on uprights with system grooves, set consisting of two brackets. For shelves made of glass or other materials with a thickness of 8 mm and a maximum depth of 300 mm (black plastic nut caps only included with color .23 black)

L 70 × W 22 × H 50 mm | 0.166 kg



! Attention: max. load with even weight distribution = 20 kg

! Shelf width = distance between uprights - 10 mm

Clip

for cables
L 16 × W 12 × H 4 mm



E 245.30

plastic

for system groove 4.3 mm, for cables

L 16 × W 12 × H 4 mm |



➤ Safety parts

octalux 40

Reinforcement

with 3 × M 1435/70
L 102.6 × W 8 × H 102.6 mm

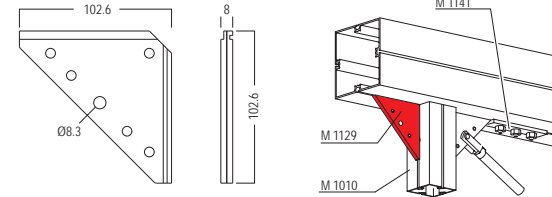


M 1129.37

steel

for system groove 4.3 mm, incl. 3 × set screw M 1435/70 (M8) and
2 × round head screw with flange M 1557/20 (M6)

L 102.6 × W 8 × H 102.6 mm | 0.376 kg



Reinforcement

with 2 × M 1435/70
L 67.6 × W 8 × H 67.6 mm

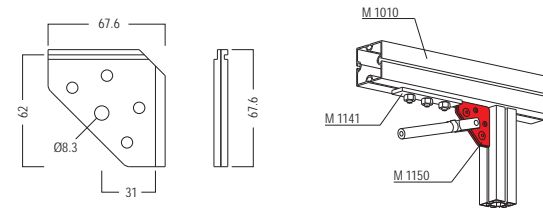


M 1150.37

steel

for system groove 4.3 mm, incl. 2 × set screw M 1435/70 (M8) and
2 × round head screw with flange M 1557/20 (M6)

L 67.6 × W 8 × H 67.6 mm | 0.205 kg



Reinforcement

with 4 × M 1435/70
L 300 × W 8 × H 300 mm

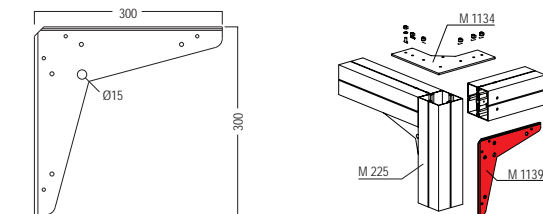


M 1139.37

steel

for system groove 4.3 mm, incl. 4 × set screw M 1435/70 (M8) and
4 × round head screw with flange M 1557/20 (M6)

L 300 × W 8 × H 300 mm | 1.978 kg



➤ Safety parts

octalux 40

Connector part

max. 100 kg
for rope suspension

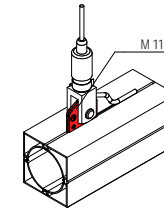
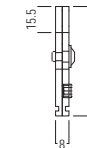
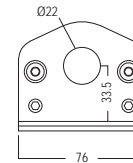


M 1174.37

steel

usable for rope suspension, for connection to 4,3 mm system groove, incl. 2 × set screw M 1435/70 (M8) and 2 × lenticular flange head screw M 1557/20 (M6), max. load capacity 100 kg

L 76 × W 66 × H 8 mm | 0.255 kg



! Attention: max. load capacity 100 kg

Connector part

incl. 2 × M 1435/70
L 50 × W 56 × H 8.3 mm

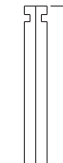
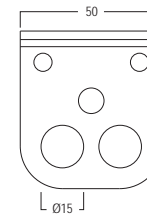


M 1435.00

aluminium

for system groove 4.3 mm, incl. 2 × set screw M 1435/70 (M8), 1 × M1435/20 hex bolt, 1 × M 1435/30 hex nut, 2 × M 1435/40 washer (M8)

L 50 × W 56 × H 8.3 mm | 0.065 kg



! Attention: max. load capacity 70 kg

Screw eye

max. 35 kg
Opening 20 mm dia.

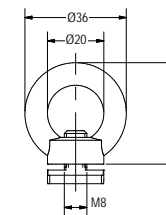


M 1233.37

steel

for system groove 4.3 mm, opening 20 mm dia., consists of 1 × hammer head screw (M8) M 1470/Ha and 1 × eye nut (M8) M 1401/21

L 36 × W 20 × H 36 mm | 0.061 kg



! max. load capacity 35 kg

➤ Safety parts

octalux 40

Wire rope retainer set

for suspension
L 56 × W 24 × H 24 mm

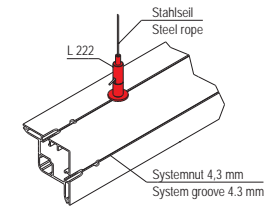
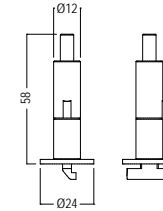


L 222.39

steel

for securing suspended extrusion structures made of octalux extrusions, consisting of: 1 × wire rope retainer OL 222-oZ, 1 × washer M 1135-40, 1 × hammerhead screw W 474-Ha, for steel ropes galv.7×7, min 2300 N/mm², Ø1.5, Ø1.8, Ø2.0, Ø2.5, without steel ropes

L 56 × W 24 × H 24 mm | 0.04 kg



! **Mandatory for suspended frames, as clamping force of tension locks is not sufficient! Prevents bending of longer extrusions. Please refer to technical info TI-L-1.0!**

Electrical parts

octalux 40

Power cable

2000 mm long

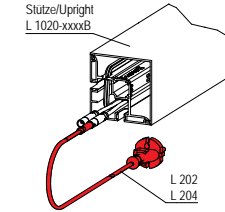
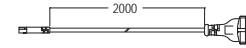


L 202.33

plastic

Power supply cable, socket - Schuko plug, number of poles 2, rated voltage 250 V, rated current 10 A, cable type H05VV-F, nominal cross-section of wire 1.5 mm²

2000 mm long | 0.131 kg



Power cable

4000 mm long

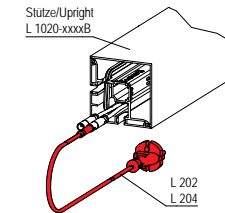
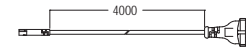


L 204.33

plastic

Power supply cable, socket - Schuko plug, number of poles 2, rated voltage 250 V, rated current 10 A, cable type H05VV-F, nominal cross-section of wire 1.5 mm²

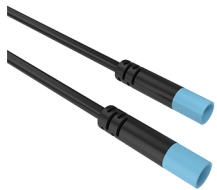
4000 mm long | 0.228 kg



Connecting cable

230 V, 2-wire

Socket-Socket

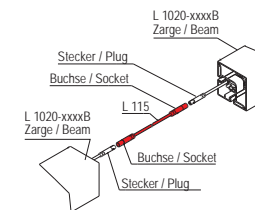
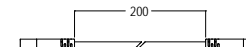


L 115.33

plastic

230 V, 2-wire, for electrical connection of two octalux beams (plugs)

200 mm long | 0.016 kg



! Not suitable for electrical connection of two octalux uprights (sockets)

Electrical parts

octalux 40

Dimmer RGB

for octalux
L 110 × W 30 × H 17 mm

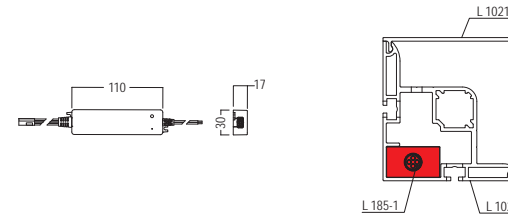


L 185-1.90

plastic

Control unit for colour selection and dimming of octalux products, can be integrated into extrusions L 1020 and L 1022, can be controlled with remote control L 185-2, Input voltage: 12 - 24 VDC, Input Current: 12 A, Input signal: RF 2,4 GHz

L 110 × W 30 × H 17 mm | 0.075 kg



Remote control RGB

for L 185-1
L 107 × W 59 × H 9.5 mm

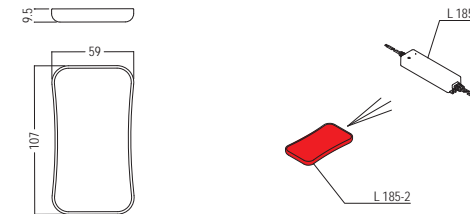


L 185-2.90

plastic

Ultra-thin RGB/RGBW HF remote control, for controlling octalux products with built-in L 185-1 control unit, Output signal: RF (2.4 GHz), Operating voltage: 3VDC (CR2032), Operating current: <5 mA, incl. OL 182B button cell (CR2032)

L 107 × B 59 × H 10 mm | 0.048 kg



Battery

CR 2032
for L 185-2

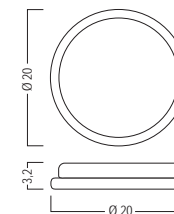


OL 182B.90

lithium

Lithium button cell 3V, battery CR 2032, 3V for RGB remote control L 185-2

L 20 × W 20 × H 3,2 mm | 0.003 kg



➤ technical information

➤ M-L-1.1	
octalux LED Controller L 185-1 with Remote L 185-2	
➤ TI-L-3.1	20
octalux Controller L 185-1 and Remote L 185-2	
➤ TI-M-23.4	26
Examples for fixing of wire	
➤ TI-M-66.0	27
Base Plate / M1951, M 1952, M 1953	

L 185-1 3 Channel LED Dimmer

- 3-channel constant voltage LED RF controller, output for RGB LED strip connection
- Suitable for use with RF 2.4G remote control
- Up to 10 remotes can be paired with one LED RF controller
- Continuous dimming from 0-100%, or in 10 steps from 1-10, without flickering
- 10 built-in dynamic modes, including jump or gradual change style
- Auto forwarding: The controller automatically sends the remote control signal to another controller, doubling the remote control distance
- Synchronization: One remote control can operate multiple controllers at the same time
- Light on/off with selectable fade time of 3 seconds



CE RoHS  RED

Technical Parameters

Input and Output

- Input voltage: 12-24 VDC
- Input current: 10 A
- Output voltage: 3 × (12-24) VDC
- Output current: 3 CH, 3A/CH
- Output power: 108-216 W (12-24 V)
- Output type: constant voltage

Dimming Data

- Input signal: RF 2.4 GHz
- Control distance: 30 m (barrier-free space)
- Dimming scale: Continuous dimming 0-100% or in 10 steps
- Dimming range: 0-100 %
- Dimming curve: logarithmic
- PWM frequency: 1000 Hz (by default)

Safety and EMC

- EMC standard: ETSI EN 301 489-1 V2.2.3 / ETSI EN 301 489-17 V3.2.4
- Safety standard: EN 61348-1:2015+A1:2021 / EN 61348-2-13:2014+A1:2017
- Radio Equipment Directive (RED): ETSI EN 300 328 V2.2.2
- Certification: CE, EMC, RED

Warranty and Protection

- Warranty: 2 years
- Protection: reverse polarity, short circuit

Environment

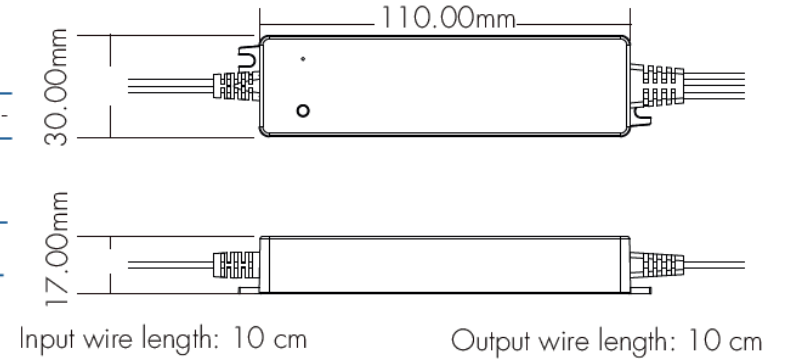
- Operation temperature: Ta: -30°C ~ +55°C
- Case temperature (max.): Tc: +85°C

Package

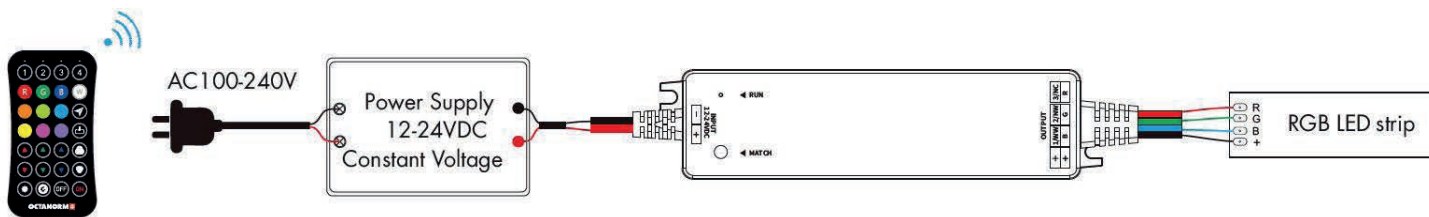
- Size: L 162 × W 42 × H 26 mm
- Gross weight: 0.071 kg

Description

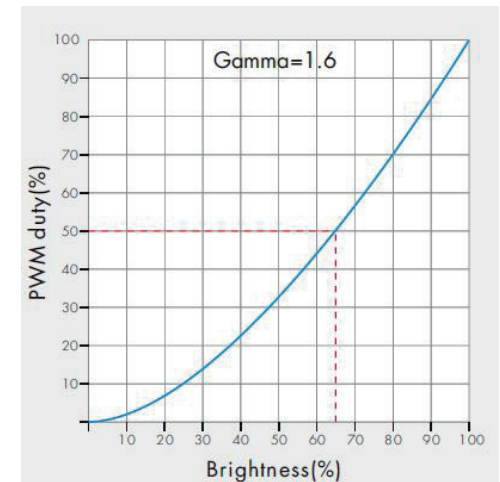
LED Controller L 185-1



Wiring Diagram



Dimmkurve



L 185-2 4 Channel RGB Remote Controller

- 4-channel RGB 2.4G wireless remote control, suitable for use with RF RGB LED controller L 185-1
- Each remote can be combined with one or more RF LED controllers
- CR2032 battery powered
- Operation with 4 LED indicator lights
- Up to 20 RGB controllers L 185-1 can be programmed per channel (= a total of 80 RGB controllers L 185-1)



CE RoHS emc RED

Technical Parameters

Input and Output

- Output signal: RF (2.4 GHz)
- Working voltage: 3 VDC (CR2032)
- Working current: <5 mA
- Standby current: <6 μA
- Standby time: 1 year
- Remote distance: 30 m (barrier-free space)

Safety and EMC

- EMC standard: ETSI EN 301 489-1 V2.2.3 / ETSI EN 301 489-17 V3.2.4
- Safety standard: EN 61347-1:2015+A1:2021 / EN 61347-2-13:2014+A1:2017
- Radio Equipment Directive (RED): ETSI EN 300 328 V2.2.2
- Certification: CE, EMC, RED

Warranty and Protection

- Warranty: 2 years

Environment

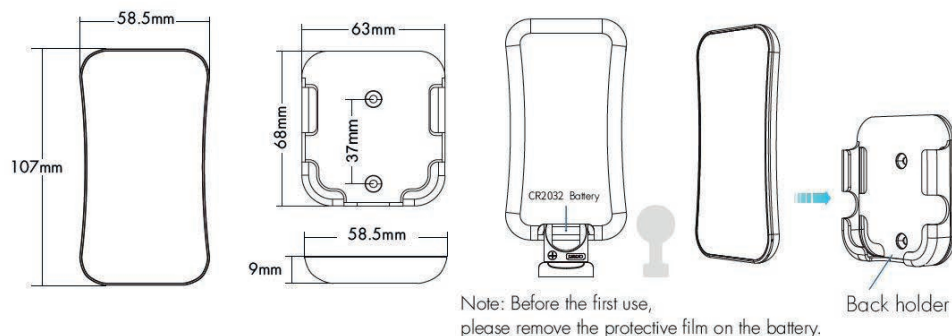
- Operation temperature: Ta: -30° C ~ +55° C

Package

- Size: L 114 × W 65 × H 20 mm
- Gross weight: 0.058 kg

Description

Remote Control L 185-2



The remote control can be mounted in two ways:

Option 1: Use two screws to attach the remote holder to the wall.

Option 2: Use adhesive tape to secure the remote holder to the wall.

Light on/off with Fade Times

Press and hold match key for 5 s., then quickly press 3 times. This sets the the light effect to a smooth fade in and fade out over 3 s. The LED controller indicator light will blink three times.

Press and hold match key for 10 s. to restore the factory settings. The switch on/off time is restored to 0.5 s.

Pairing/Unpairing of Remote and LED Controller

There are two ways to connect or disconnect the remote control and the LED controller:

➤ Using the match key on the LED controller

Pair/match: Briefly press the match key, then immediately press a channel button on the remote. The LED indicator will flash rapidly a few times to indicate a successful connection.

Unpair/delete: Press and hold match key for 5 s. to delete all connections, the LED will flash a few times rapidly to indicate that all paired devices have been deleted.








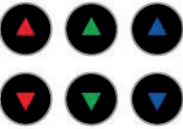


➤ Using the device restart

Pair/match: Turn the LED controller off and on again. Repeat. Immediately press a channel button on the remote 3x quickly. The connection is successful if the light flashes 3 times.











Unpair/delete: Turn the LED controller off and on again. Repeat. Immediately press a channel button on the remote 5x quickly. The light will flash 5 times to indicate that all paired devices have been deleted.



L 185-2 Remote Control Key Functions

-  **Short press:** turn on current channel
Long press: turn on all channels
-  **Short press:** turn off current channel
Long press: turn off all channels
-  **Short press:** select and turn on channel
Long press (2 s.): turn off channels
Short press several channels in a row: select multiple channels at the same time
-  Recall saved scene
-  Save current light effect
-  **Short press:** run next dynamic mode
Long press (2 s.): run first dynamic mode
-  **Short press:** switch to previous dynamic mode
Long press (2 s.): run first dynamic mode
-  Set individual R/G/B colors
Short press: 10 levels
Long press (1-6 s.): for continuous 256 levels adjustment
-  Adjust brightness
Short press: 10 levels of color intensity
Long press (1-6 s.): fine tuning of 256 colors
-  Adjust dynamic mode speed
Short press: 10 levels
Long press (2 s.): back to default speed

Dynamic Modes List

No.	Name	Color	Name	R/G/B Value
1	RGB change		Red	255/0/0
2	Dynamic crossfade		Green	0/255/0
3	6 color change		Blue	0/0/255
4	6 color crossfade		White	255/255/255
5	Yellow cyan purple crossfade		Orange	255/128/0
6	RGB smooth fade in and out		Grass green	128/255/0
7	Red smooth fade in and out		Cyan	0/255/255
8	Green smooth fade in and out		Bright yellow	255/160/0
9	Blue smooth fade in and out		Rose red	255/0/128
10	White smooth fade in and out		Purple	128/0/255

Static Color Key List

Malfunction Analysis and Troubleshooting

Malfunctions	Causes	Troubleshooting
No light	1. No power. 2. Incorrect or unstable connection.	1. Check power supply. 2. Check connection/wiring.
Color error	1. R/G/B wiring error.	1. Connect the R/G/B wires in the correct way.
Uneven intensity between front and rear, with voltage drop	1. Output cable is too long. 2. Wire diameter is too small. 3. Overload beyond power supply capability. 4. Overload beyond controller capability.	1. Use shorter cable. 2. Change to wider wire. 3. Use PSU with higher output. 4. Add power repeater.
No response from the remote	1. Battery low or empty 2. Beyond controllable distance. 3. No connection to controller.	1. Replace battery. 2. Reduce remote distance. 3. Reconnect the remote.

After Sales Service

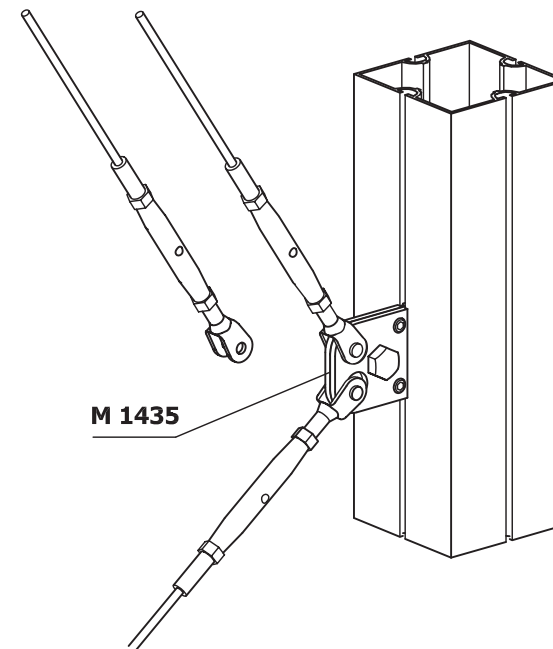
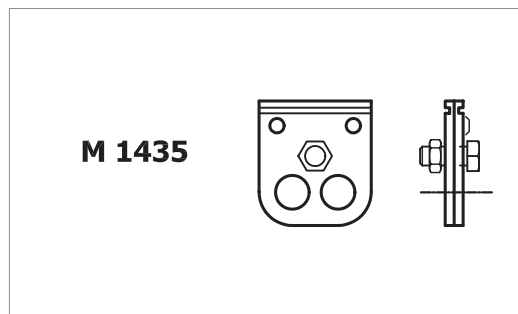
If used according to the instructions, we offer free repair or replacement services for our products for up to 2 years after the date of purchase. Excluded from this are:

- Any errors and damages caused by faulty operation
- Any damages caused by inappropriate power supply or voltage deviation
- Any damages caused by unauthorized removal, maintenance, circuit alteration, incorrect connection and chip replacement
- Any damages caused by transportation, breakage and water after purchase
- Any damages caused by earthquakes, fire, flooding, lightning, etc. (natural disasters and force majeure)
- Any damages caused by negligence, inappropriate storage at high temperatures, in humid environments or near harmful chemicals

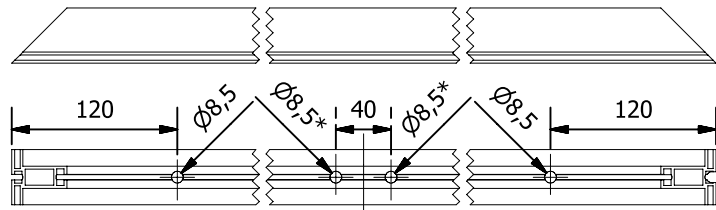
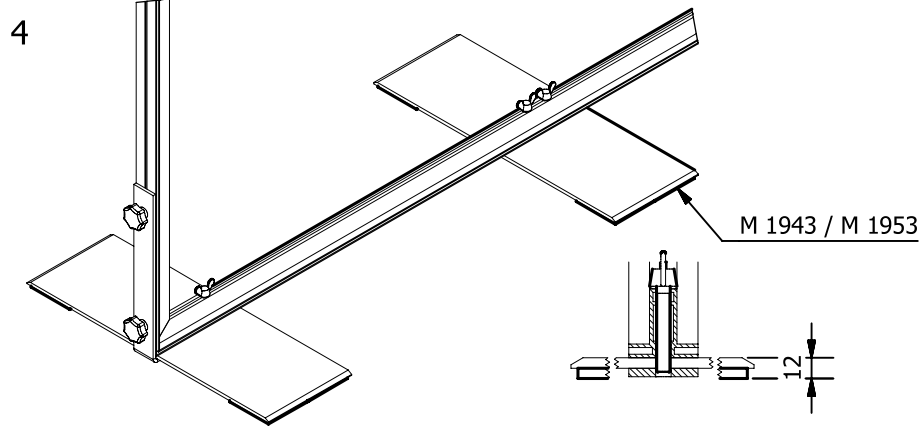
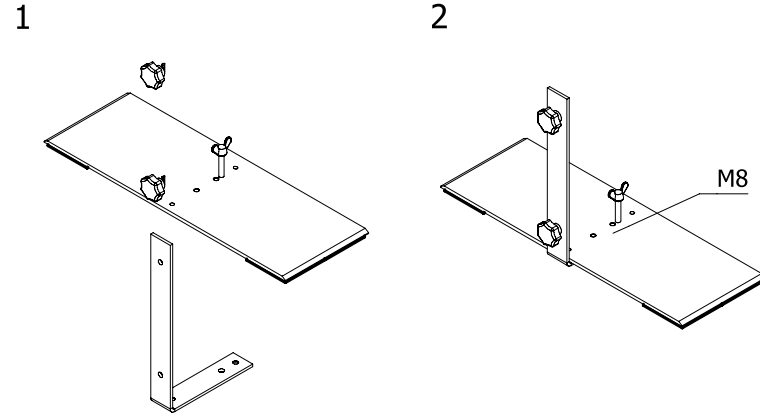
Safety Information

- Please wear suitable light protection goggles for programming!
- Read all instructions carefully before you begin this installation.
- When installing the battery, observe the positive and negative polarity of the battery. If you do not use the remote control for a long time, remove the battery. If the range of the remote control decreases and it becomes unresponsive, replace the battery.
- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do not dispose of batteries in household trash or incinerate them.
- Do not attempt to discharge, recharge, disassemble, or heat the battery.
- Stop using the product if the battery compartment is not securely closed.
- If a battery is swallowed, seek medical attention immediately.
- Handle the remote control carefully. Do not drop it.
- For indoor and dry location use only.



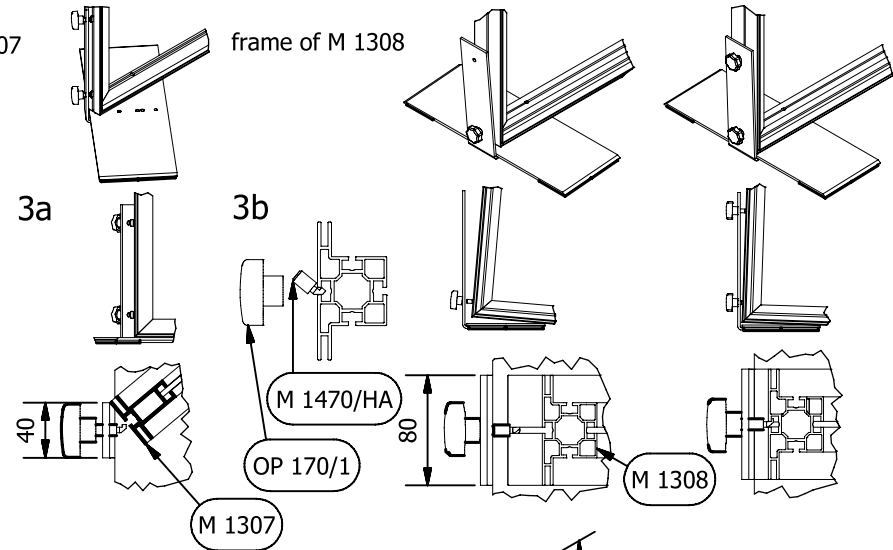


Assembly of base plates: M 1941, M 1942, M 1943

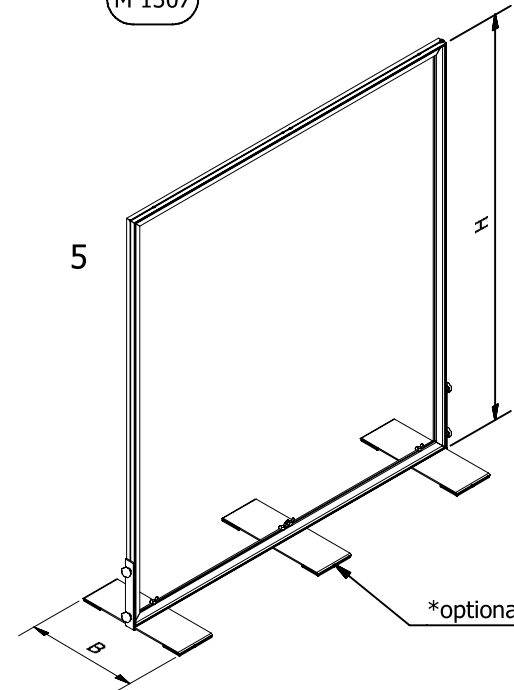


frame of M 1307

frame of M 1308



5



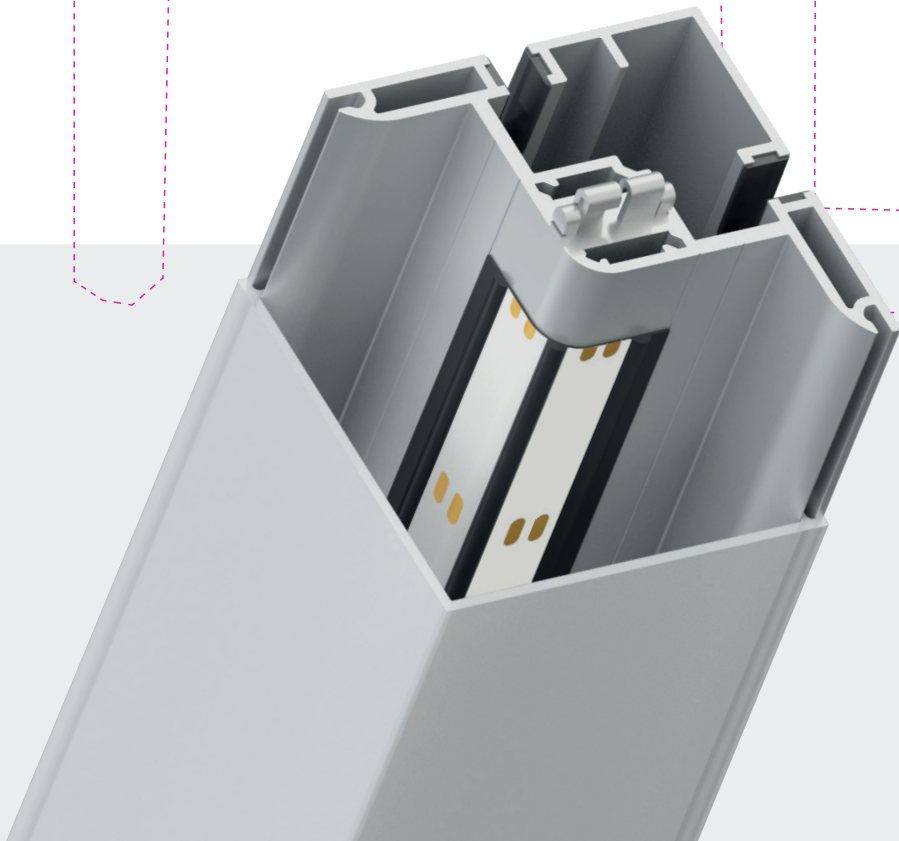
H	B
2000	495
2500	600

octalux

80 mm

Technics 04/26

Illuminated extrusions



➤ Contents

➤ octalux 80	
➤ Basic parts	30
➤ Accessories	49
➤ Safety parts	53
➤ Electrical parts	57
➤ Packing/Transport	60
➤ Sets	61
➤ technical information	62

Basic parts

octalux 80

Upright

with illumination
90°, 2 illuminated sides

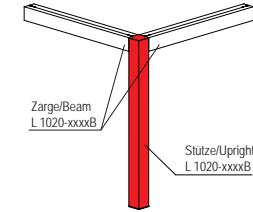
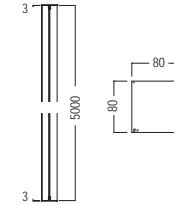


L 1020-5000B.01 | .03

aluminium

with 2 illuminated sides for 90° illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 5000 mm | 14.158 kg



remote controller L
185-2 not included

Upright

with illumination
90°, 2 illuminated sides

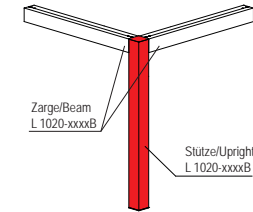
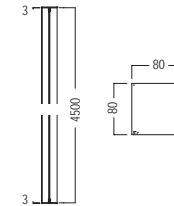


L 1020-4500B.01 | .03

aluminium

with 2 illuminated sides for 90° illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 4500 mm | 12.493 kg



remote controller L
185-2 not included

Upright

with illumination
90°, 2 illuminated sides

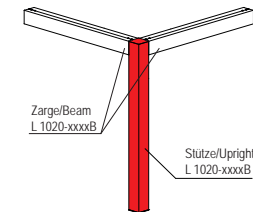
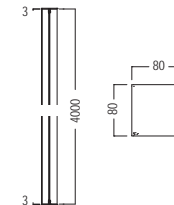


L 1020-4000B.01 | .03

aluminium

with 2 illuminated sides for 90° illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 4000 mm | 11.423 kg



remote controller L
185-2 not included

Basic parts

octalux 80

Upright

with illumination
90°, 2 illuminated sides

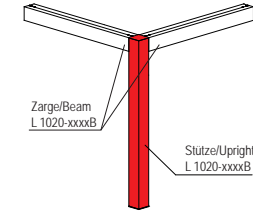
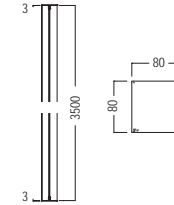


L 1020-3500B.01 | .03

aluminium

with 2 illuminated sides for 90° illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 3500 mm | 9.967 kg



remote controller L
185-2 not included

Upright

with illumination
90°, 2 illuminated sides

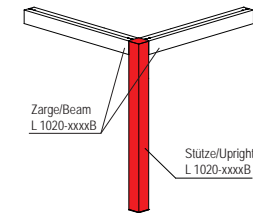
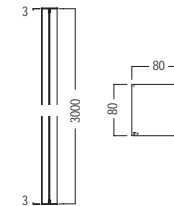


L 1020-3000B.01 | .03

aluminium

with 2 illuminated sides for 90° illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 3000 mm | 8.819 kg



remote controller L
185-2 not included

Upright

with illumination
90°, 2 illuminated sides

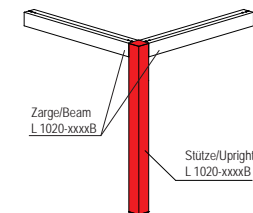
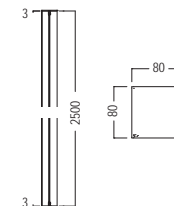


L 1020-2500B.01 | .03

aluminium

with 2 illuminated sides for 90° illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 2500 mm | 7.356 kg



remote controller L
185-2 not included

Basic parts

octalux 80

Upright

with illumination
90°, 2 illuminated sides

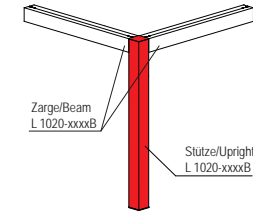
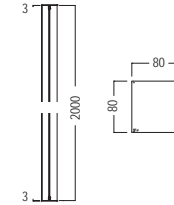


L 1020-2000B.01 | .03

aluminium

with 2 illuminated sides for 90° illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 2000 mm | 6.088 kg



remote controller L
185-2 not included

Upright

with illumination
90°, 2 illuminated sides

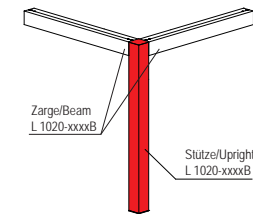
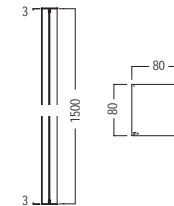


L 1020-1500B.01 | .03

aluminium

with 2 illuminated sides for 90° illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 1500 mm | 4.808 kg



remote controller L
185-2 not included

Upright

with illumination
90°, 2 illuminated sides

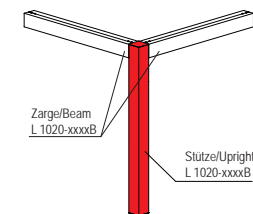
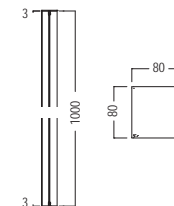


L 1020-1000B.01 | .03

aluminium

with 2 illuminated sides for 90° illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 1000 mm | 3.969 kg



remote controller L
185-2 not included

Basic parts

octalux 80

Beam

with illumination
90°, 2 illuminated sides

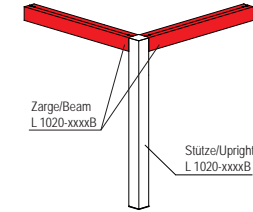
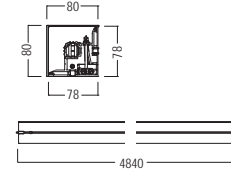


L 1020-4840B.01 | .03 | .28

aluminium

with 2 illuminated sides for 90° illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, incl. COB LED strips RGB, 2 × tension lock Z 961/8, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 4840 × W 80 × H 80 mm | 14.074 kg



remote controller L 185-2 not included

Beam

with illumination
90°, 2 illuminated sides

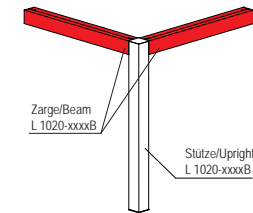
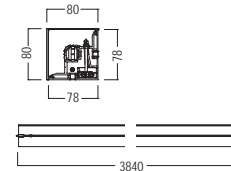


L 1020-3840B.01 | .03

aluminium

with 2 illuminated sides for 90° illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, incl. COB LED strips RGB, 2 × tension lock Z 961/8, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 3840 × W 80 × H 80 mm | 11.342 kg



remote controller L 185-2 not included

Beam

with illumination
90°, 2 illuminated sides

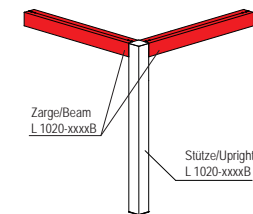
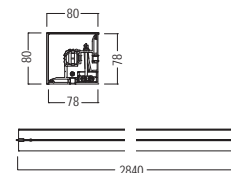


L 1020-2840B.01 | .03

aluminium

with 2 illuminated sides for 90° illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, incl. COB LED strips RGB, 2 × tension lock Z 961/8, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 2840 × W 80 × H 80 mm | 8.736 kg



remote controller L 185-2 not included

Basic parts

octalux 80

Beam

with illumination
90°, 2 illuminated sides

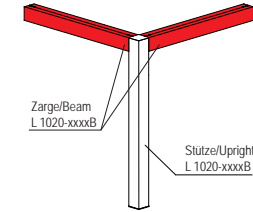
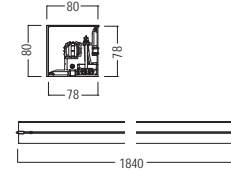


L 1020-1840B.01 | .03

aluminium

with 2 illuminated sides for 90° illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, incl. COB LED strips RGB, 2 × tension lock Z 961/8, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 1840 × W 80 × H 80 mm | 6.005 kg



remote controller L 185-2 not included

Beam

with illumination
90°, 2 illuminated sides

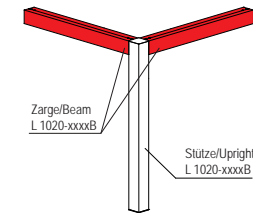
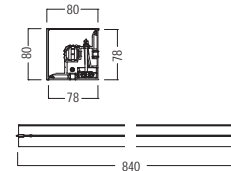


L 1020-840B.01 | .03

aluminium

with 2 illuminated sides for 90° illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, incl. COB LED strips RGB, 2 × tension lock Z 961/8, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 840 × W 80 × H 80 mm | 3.088 kg



remote controller L 185-2 not included

Upright

with illumination
1 illuminated side

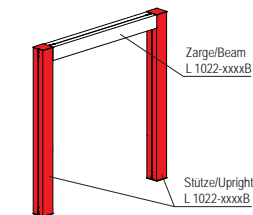
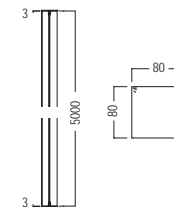


L 1022-5000B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller and remote control for color changing and dimming, CE certified

L 80 × W 80 × H 5000 mm | 15.231 kg



remote controller L 185-2 not included

Basic parts

octalux 80

Upright

with illumination
1 illuminated side

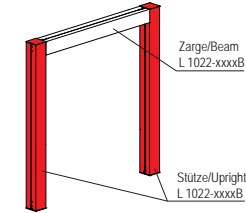
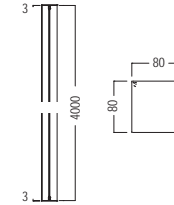


L 1022-4000B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller and remote control for color changing and dimming, CE certified

L 80 × W 80 × H 4000 mm | 12.277 kg



remote controller L 185-2 not included

Upright

with illumination
1 illuminated side

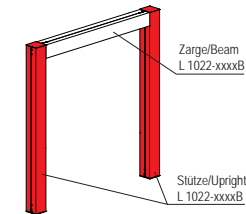
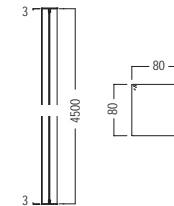


L 1022-4500B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller and remote control for color changing and dimming, CE certified

L 80 × W 80 × H 4500 mm | 13.658 kg



remote controller L 185-2 not included

Upright

with illumination
1 illuminated side

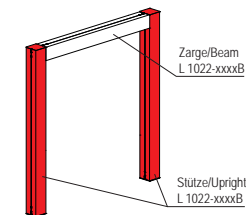
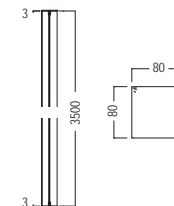


L 1022-3500B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller and remote control for color changing and dimming, CE certified

L 80 × W 80 × H 3500 mm | 10.714 kg



remote controller L 185-2 not included

Basic parts

octalux 80

Upright

with illumination
1 illuminated side

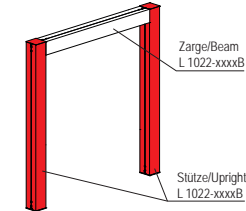
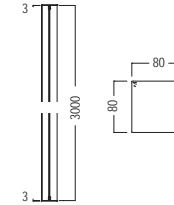


L 1022-3000B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller and remote control for color changing and dimming, CE certified

L 80 × W 80 × H 3000 mm | 9.456 kg



remote controller L 185-2 not included

Upright

with illumination
1 illuminated side

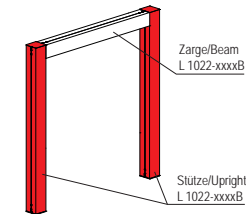
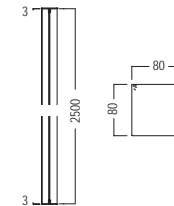


L 1022-2500B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller and remote control for color changing and dimming, CE certified

L 80 × W 80 × H 2500 mm | 7.881 kg



remote controller L 185-2 not included

Upright

with illumination
1 illuminated side

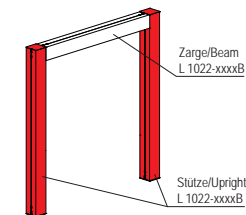
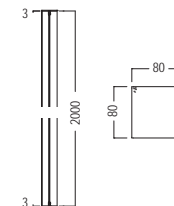


L 1022-2000B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller and remote control for color changing and dimming, CE certified

L 80 × W 80 × H 2000 mm | 6.507 kg



remote controller L 185-2 not included

Basic parts

octalux 80

Upright

with illumination
1 illuminated side

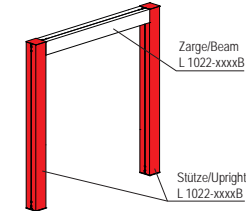
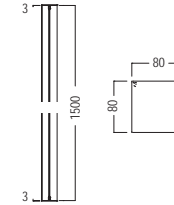


L 1022-1500B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller and remote control for color changing and dimming, CE certified

L 80 × W 80 × H 1500 mm | 5.117 kg



remote controller L 185-2 not included

Upright

with illumination
1 illuminated side

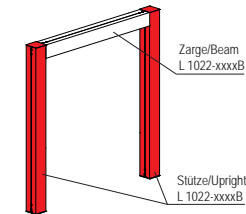
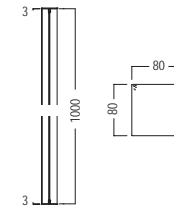


L 1022-1000B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller and remote control for color changing and dimming, CE certified

L 80 × W 80 × H 1000 mm | 3.68 kg



remote controller L 185-2 not included

Beam

with illumination
1 illuminated side

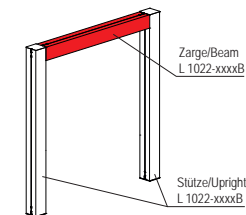
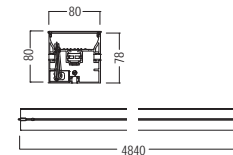


L 1022-4840B.01 | .03

aluminium

with 1 illuminated side, 1 × beam extrusion made of L 1022 with 1 × acrylic cover L 1023, incl. COB LED strips RGB, 2 × tension lock Z 961/8, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller and remote control for color changing and dimming, CE certified

L 4840 × W 80 × H 80 mm | 15.148 kg



remote controller L 185-2 not included

Basic parts

octalux 80

Beam

with illumination
1 illuminated side

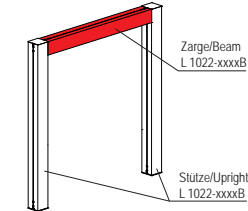
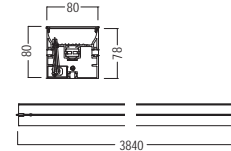


L 1022-3840B.01 | .03

aluminium

with 1 illuminated side, 1 × beam extrusion made of L 1022 with 1 × acrylic cover L 1023, incl. COB LED strips RGB, 2 × tension lock Z 961/8, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller and remote control for color changing and dimming, CE certified

L 3840 × W 80 × H 80 mm | 11.813 kg



remote controller L 185-2 not included

Beam

with illumination
1 illuminated side

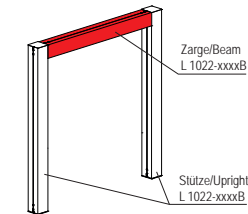
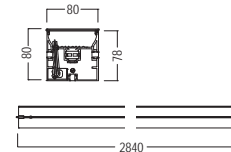


L 1022-2840B.01 | .03

aluminium

with 1 illuminated side, 1 × beam extrusion made of L 1022 with 1 × acrylic cover L 1023, incl. COB LED strips RGB, 2 × tension lock Z 961/8, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller and remote control for color changing and dimming, CE certified

L 2840 × W 80 × H 80 mm | 9.393 kg



remote controller L 185-2 not included

Beam

with illumination
1 illuminated side

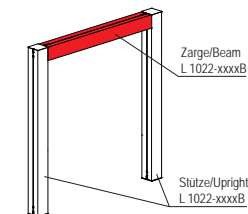
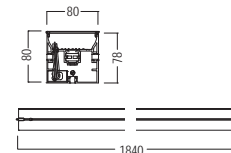


L 1022-1840B.01 | .03

aluminium

with 1 illuminated side, 1 × beam extrusion made of L 1022 with 1 × acrylic cover L 1023, incl. COB LED strips RGB, 2 × tension lock Z 961/8, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller and remote control for color changing and dimming, CE certified

L 1840 × W 80 × H 80 mm | 6.443 kg



remote controller L 185-2 not included

Basic parts

octalux 80

Beam

with illumination
1 illuminated side

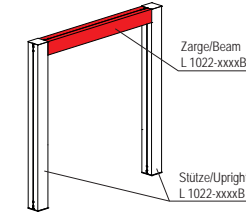
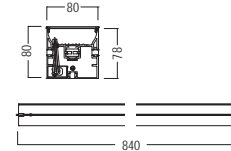


L 1022-840B.01 | .03

aluminium

with 1 illuminated side, 1 × beam extrusion made of L 1022 with 1 × acrylic cover L 1023, incl. COB LED strips RGB, 2 × tension lock Z 961/8, cabling, 1 × power supply unit (input 100–120 VAC or 200–240 VAC), 1 × controller and remote control for color changing and dimming, CE certified

L 840 × W 80 × H 80 mm | 3.277 kg



remote controller L 185-2 not included

Upright

with illumination
90°, inner corner

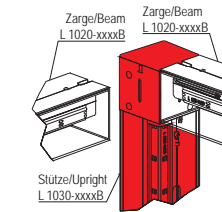
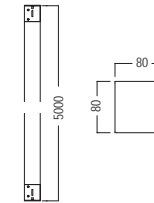


L 1030-5000B.01 | .03

aluminium

with 2 illuminated sides for 90°, illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, 2 × adaptor L 108, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100–120 VAC or 200–240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 5000 mm | 15.327 kg



remote controller L 185-2 not included

Upright

with illumination
90°, inner corner

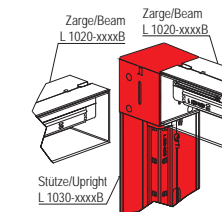
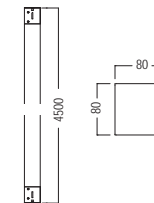


L 1030-4500B.01 | .03

aluminium

with 2 illuminated sides for 90°, illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, 2 × adaptor L 108, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100–120 VAC or 200–240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 4500 mm | 13.129 kg



remote controller L 185-2 not included

Basic parts

octalux 80

Upright

with illumination
90°, inner corner

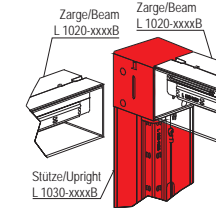
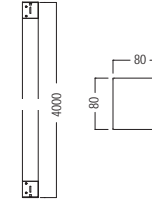


L 1030-4000B.01 | .03

aluminium

with 2 illuminated sides for 90°, illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, 2 × adaptor L 108, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 4000 mm | 11.8 kg



remote controller L 185-2 not included

Upright

with illumination
90°, inner corner

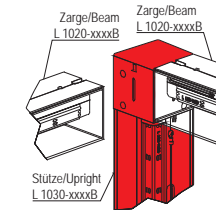
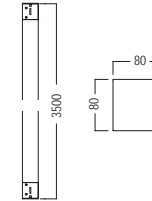


L 1030-3500B.01 | .03

aluminium

with 2 illuminated sides for 90°, illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, 2 × adaptor L 108, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 3500 mm | 10.822 kg



remote controller L 185-2 not included

Upright

with illumination
90°, inner corner

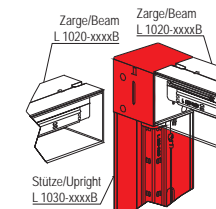
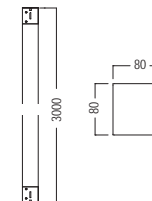


L 1030-3000B.01 | .03

aluminium

with 2 illuminated sides for 90°, illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, 2 × adaptor L 108, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 3000 mm | 9.26 kg



remote controller L 185-2 not included

Basic parts

octalux 80

Upright

with illumination
90°, inner corner

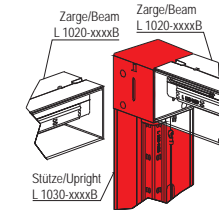
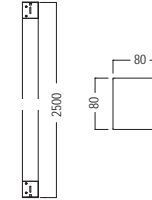


L 1030-2500B.01 | .03

aluminium

with 2 illuminated sides for 90°, illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, 2 × adaptor L 108, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 2500 mm | 8.514 kg



remote controller L
185-2 not included

Upright

with illumination
90°, inner corner

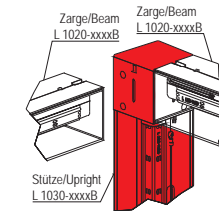
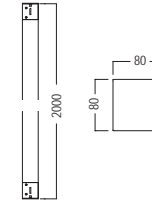


L 1030-2000B.01 | .03

aluminium

with 2 illuminated sides for 90°, illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, 2 × adaptor L 108, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 2000 mm | 6.705 kg



remote controller L
185-2 not included

Upright

with illumination
90°, inner corner

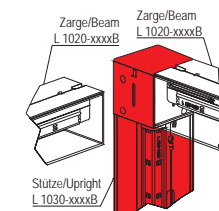
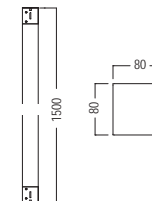


L 1030-1500B.01 | .03

aluminium

with 2 illuminated sides for 90°, illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, 2 × adaptor L 108, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 1500 mm | 5.48 kg



remote controller L
185-2 not included

Basic parts

octalux 80

Upright

with illumination
90°, inner corner

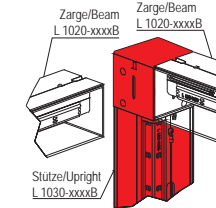
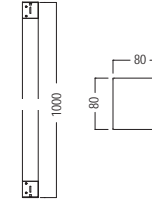


L 1030-1000B.01 | .03

aluminium

with 2 illuminated sides for 90°, illumination, 1 × upright extrusion made of L 1020 with 1 × acrylic cover L 1021, 2 × adaptor L 108, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 1000 mm | 4.645 kg



remote controller L 185-2 not included

Upright

with illumination
inner corner

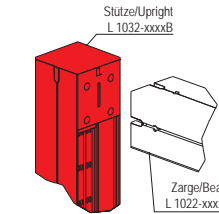
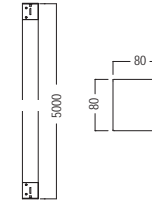


L 1032-5000B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, 2 × adaptor L 109, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 5000 mm | 15.312 kg



remote controller L 185-2 not included

Upright

with illumination
inner corner

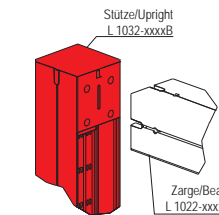
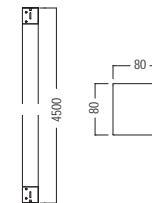


L 1032-4500B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, 2 × adaptor L 109, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 4500 mm | 13.047 kg



remote controller L 185-2 not included

Basic parts

octalux 80

Upright

with illumination
inner corner

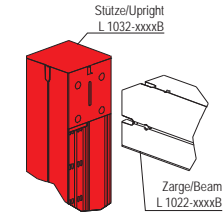
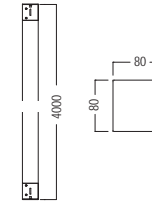


L 1032-4000B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, 2 × adaptor L 109, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 4000 mm | 12.189 kg



remote controller L
185-2 not included

Upright

with illumination
inner corner

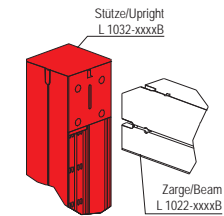
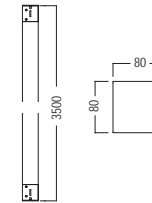


L 1032-3500B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, 2 × adaptor L 109, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 3500 mm | 10.673 kg



remote controller L
185-2 not included

Upright

with illumination
inner corner

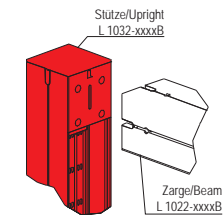
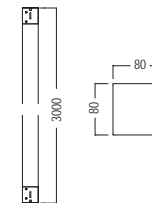


L 1032-3000B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, 2 × adaptor L 109, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 3000 mm | 9.066 kg



remote controller L
185-2 not included

Basic parts

octalux 80

Upright

with illumination
inner corner

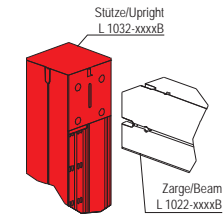
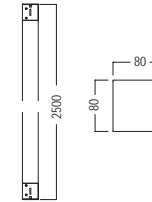


L 1032-2500B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, 2 × adaptor L 109, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 2500 mm | 8.298 kg



remote controller L 185-2 not included

Upright

with illumination
inner corner

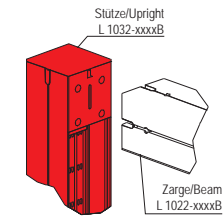
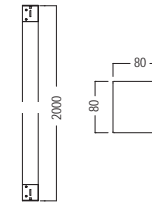


L 1032-2000B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, 2 × adaptor L 109, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 2000 mm | 6.437 kg



remote controller L 185-2 not included

Upright

with illumination
inner corner

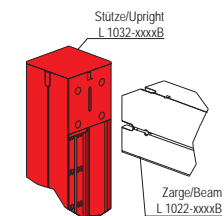
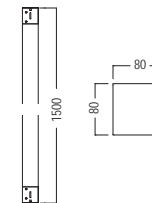


L 1032-1500B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, 2 × adaptor L 109, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 1500 mm | 5.175 kg



remote controller L 185-2 not included

Basic parts

octalux 80

Upright

with illumination
inner corner

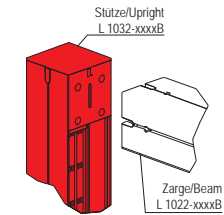
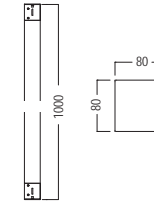


L 1032-1000B.01 | .03

aluminium

with 1 illuminated side, 1 × upright extrusion made of L 1022 with 1 × acrylic cover L 1023, 2 × adaptor L 109, incl. COB LED strips RGB, 2 × end cap L 1024, cabling, 1 × power supply unit (input 100-120 VAC or 200-240 VAC), 1 × controller for color changing and dimming, CE certified

L 80 × W 80 × H 1000 mm | 4.316 kg



remote controller L 185-2 not included

Beam

with illumination
180°, 3 illuminated sides

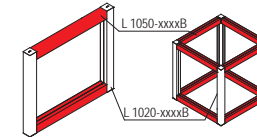
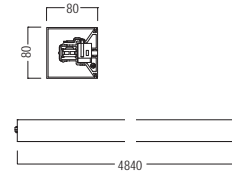


L 1050-4840B.01 | .03

aluminium

with 3 illuminated sides for 180° illumination, 1 × beam extrusion made of L 1050, 1 × acrylic cover L 1051, 1 × COB-LED-strips RGB, 2 × tension lock Z 961-8, 1 × power supply unit (input 100-200 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 4840 × W 80 × H 80 mm | 13.75 kg



remote controller L 185-2 not included

Beam

with illumination
180°, 3 illuminated sides

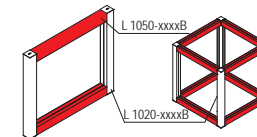
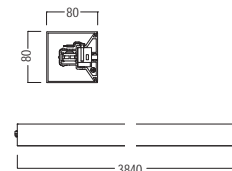


L 1050-3840B.01 | .03 | .28

aluminium

with 3 illuminated sides for 180° illumination, 1 × beam extrusion made of L 1050, 1 × acrylic cover L 1051, 1 × COB-LED-strips RGB, 2 × tension lock Z 961-8, 1 × power supply unit (input 100-200 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 3840 × W 80 × H 80 mm | 11.014 kg



remote controller L 185-2 not included

Basic parts

octalux 80

Beam

with illumination
180°, 3 illuminated sides

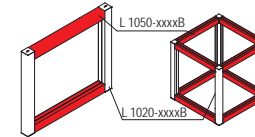
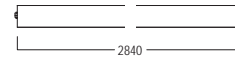


L 1050-2840B.01 | .03 | .28

aluminium

with 3 illuminated sides for 180° illumination, 1 × beam extrusion made of L 1050, 1 × acrylic cover L 1051, 1 × COB-LED-strips RGB, 2 × tension lock Z 961-8, 1 × power supply unit (input 100-200 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 2840 × W 80 × H 80 mm | 8.423 kg



remote controller L 185-2 not included

Beam

with illumination
180°, 3 illuminated sides

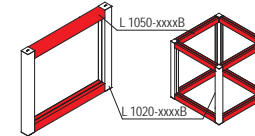
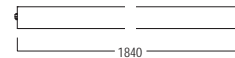


L 1050-1840B.01 | .03 | .28

aluminium

with 3 illuminated sides for 180° illumination, 1 × beam extrusion made of L 1050, 1 × acrylic cover L 1051, 1 × COB-LED-strips RGB, 2 × tension lock Z 961-8, 1 × power supply unit (input 100-200 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 1840 × W 80 × H 80 mm | 6.126 kg



remote controller L 185-2 not included

Beam

with illumination
180°, 3 illuminated sides

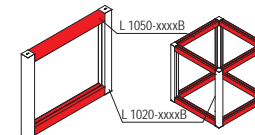
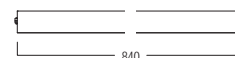


L 1050-840B.01 | .03 | .28

aluminium

with 3 illuminated sides for 180° illumination, 1 × beam extrusion made of L 1050, 1 × acrylic cover L 1051, 1 × COB-LED-strips RGB, 2 × tension lock Z 961-8, 1 × power supply unit (input 100-200 VAC or 200-240 VAC), 1 × controller L 185-1, CE certified

L 840 × W 80 × H 80 mm | 2.7 kg



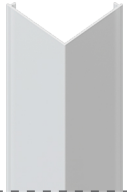
remote controller L 185-2 not included

Basic parts

octalux 80

Covering

for L 1020
for 2 illuminated sides

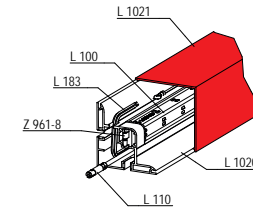
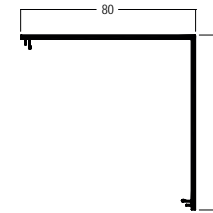


L 1021.50

polycarbonate, translucent

for extrusion L 1020, 2 illuminated sides for 90° illumination, especially for COB-LEDs L 100, L 104 and L 106 from the octalux product line

L 6000 × W 80 × H 80 mm | 2.262 kg



Covering

for L 1022
for 1 illuminated side

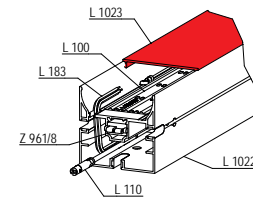
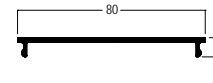


L 1023.50

polycarbonate, translucent

for extrusion L 1022, 1 illuminated side, especially for COB-LEDs L 100, L 104 and L 106 from the octalux product line

L 6000 × W 80 × H 8.5 mm | 1.3 kg



Covering

for L 1050
for 3 illuminated sides

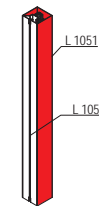
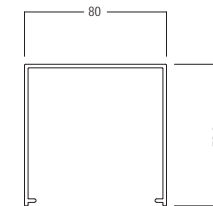


L 1051.50

polycarbonate, translucent

cover for extrusion L 1050

L 6100 × W 80 × H 80 mm | 3.575 kg



Basic parts

octalux 80

Covering

round
for L 1020

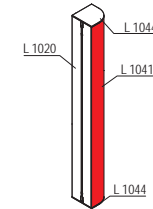
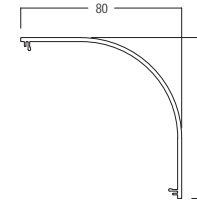


L 1041.50

polycarbonate, translucent

translucent, rounded, for extrusion L 1020, in combination with end cap L 1044

L 6000 × W 80 × H 80 mm | 1.868 kg



Covering

round
for L 1022

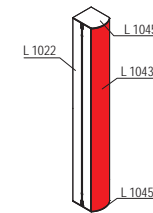
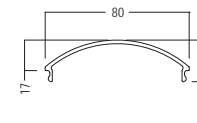


L 1043.50

polycarbonate, translucent

translucent, rounded, for extrusion L 1022, in combination with end cap L 1045

L 6000 × W 80 × H 17 mm | 1.533 kg



Tension lock

8 mm
L 70 × W 20 × H 12 mm

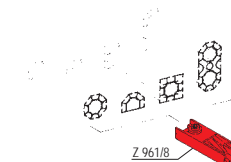
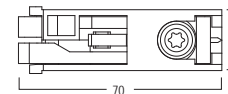


Z 961/8.00

zinc die cast/steel

8 mm, for all beam extrusions with cross- or T-lock chamber 21 × 12 mm

L 70 × W 20 × H 12 mm | 0.054 kg



Accessories

octalux 80

Adjustable foot

M10
L 60 × W 60 × H 75 mm

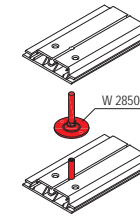
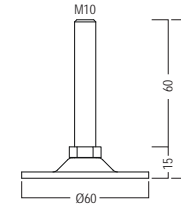


W 2850.37

steel

M10 thread, to adjust height of frames/extrusions from the top with hex-star T30

L 60 × W 60 × H 75 mm | 0.113 kg



Threaded plug

M10
L 35 × W 21 × H 12 mm

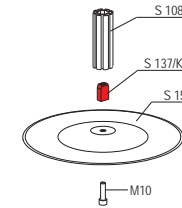
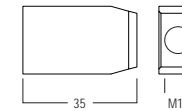


S 137/K.00

aluminium

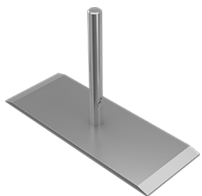
for lock chamber 21 × 12 mm, with thread M10

L 35 × W 21 × H 12 mm | 0.016 kg



Base plate

for upright extrusions
L 320 × W 120 × H 212 mm

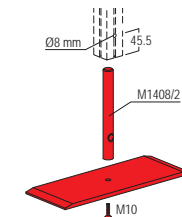
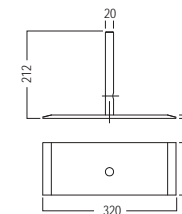


M 1408.21

steel

for upright extrusions M 1000 / S 108..., incl. supporting peg M 1408/2, 1 × countersunk screw eZ5030/20 (M10) and 1 × hex-star screw E 111/m (M6)

L 320 × W 120 × H 212 mm | 2.806 kg

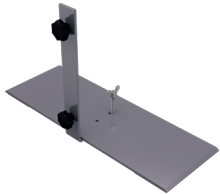


Accessories

octalux 80

Base plate

side
L 495 x W 170 x H 301 mm

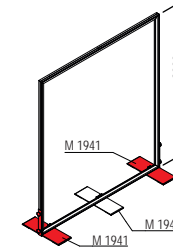
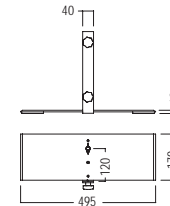


M 1941.21

steel

for free standing frames made of extrusions M 1304, M 1305, M 1307, W 906, for side mounting and additional connecting to bottom beam, incl. 1 x mounting parts M 1951BS, max. frame height = 2000 mm

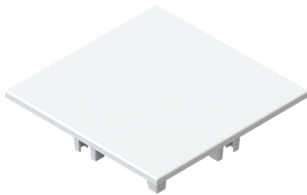
L 495 x W 170 x H 301 mm | 5.338 kg



Suitable for both left and right side

End cap

square
for L 1020/L1022

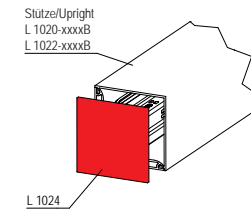
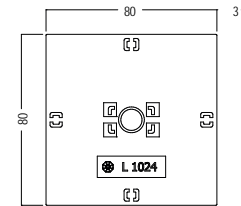


L 1024.33 | .35

polycarbonate

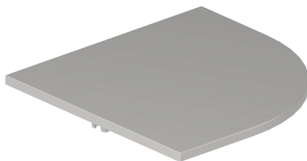
for extrusions L 1020 and L 1022, with perforated fracture for use with adjustable foot W 2850 and threaded plug S 137/K

L 80 x W 80 x H 3 mm | 0.024 kg



End cap

rounded
for L 1020

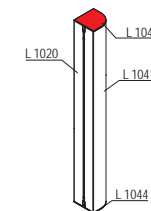
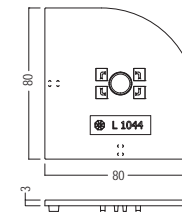


L 1044.33 | .35

plastic

rounded, for extrusion L 1020, in combination with cover L 1041

L 80 x W 80 x H 3 mm | 0.018 kg

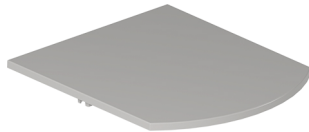


Accessories

octalux 80

End cap

rounded
for L 1022

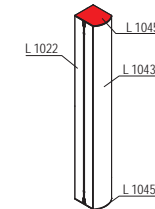
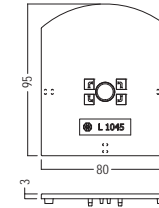


L 1045.33 | .35

plastic

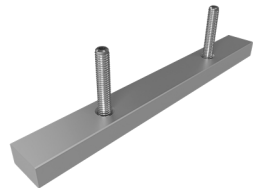
rounded, for extrusion L 1022, in combination with cover L 1043

L 95 × W 80 × H 3 mm | 0.023 kg



Internal connector

straight
L 180 × W 21 × H 12 mm

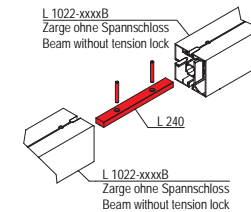
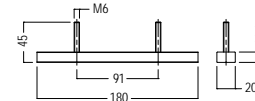


L 240.00

aluminium/steel

for longitudinal connection of two octalux beams with lock chamber 21 × 12 mm, consisting of: 1 × connection part straight OL 240-1, 2 × set screw M6x45 N 00002

L 180 × W 21 × H 12 mm | 0.134 kg

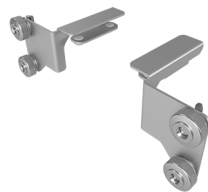


! Joining point must be relieved. Please refer to technical information TI-L-1.0.

! To connect two beams with L 240, tension locks have to be removed

Bracket

for 8 mm shelves
L 150 × W 77 × H 63.5 mm

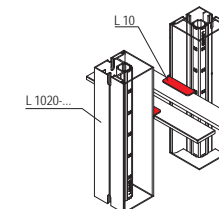
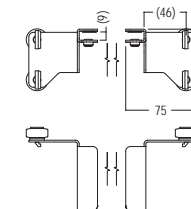


L 10.21 | .33

steel

for screwing onto uprights 80 mm, variable height adjustment, consisting of left and right bracket, for glass and wood shelves 8 mm, for max. depth 300 mm

L 150 × W 77 × H 63.5 mm | 0.328 kg



! Attention: max. load with even weight distribution = 20 kg

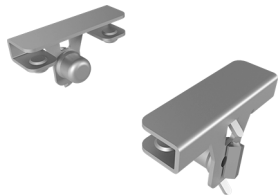
! Shelf length (L) = clear width (CW) -16 mm

Accessories

octalux 80

Bracket

for 8 mm shelves
L 70 × W 22 × H 50 mm

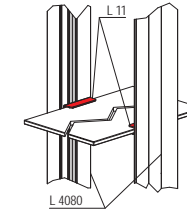
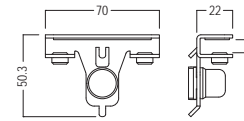


L 11.21 | .23

steel

Bracket for height-adjustable mounting by using hammerhead screws on uprights with system grooves, set consisting of two brackets. For shelves made of glass or other materials with a thickness of 8 mm and a maximum depth of 300 mm (black plastic nut caps only included with color .23 black)

L 70 × W 22 × H 50 mm | 0.166 kg



! Attention: max. load with even weight distribution = 20 kg

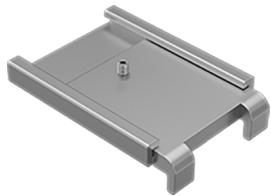
! Shelf width = distance between uprights - 10 mm

➤ Safety parts

octalux 80

Beam retainer

with set screw M 1105/20
L 75 × W 52 × H 16 mm

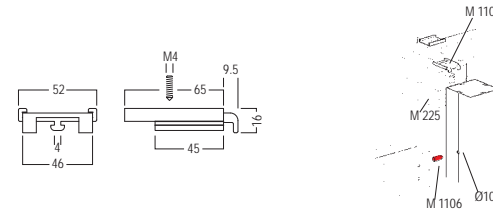


M 1105.00

aluminium

2 parts, for mounting to system groove 4.3 mm, incl. 1 × set screw M 1105/20 (M4)

L 75 × W 52 × H 16 mm | 0.058 kg



! Attention: Beam retainer has to be used for safety reasons

Reinforcement

with 3 × M 1435/70
L 102.6 × W 8 × H 102.6 mm

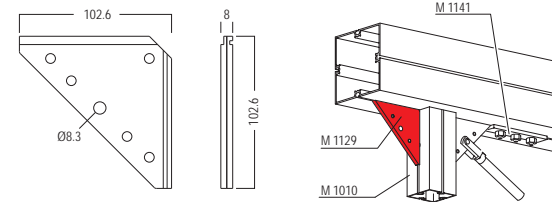


M 1129.37

steel

for system groove 4.3 mm, incl. 3 × set screw M 1435/70 (M8) and 2 × round head screw with flange M 1557/20 (M6)

L 102.6 × W 8 × H 102.6 mm | 0.376 kg



Reinforcement

with 2 × M 1435/70
L 67.6 × W 8 × H 67.6 mm

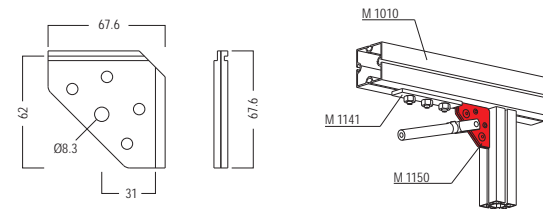


M 1150.37

steel

for system groove 4.3 mm, incl. 2 × set screw M 1435/70 (M8) and 2 × round head screw with flange M 1557/20 (M6)

L 67.6 × W 8 × H 67.6 mm | 0.205 kg



➤ Safety parts

octalux 80

Reinforcement

with 4 × M 1435/70
L 300 × W 8 × H 300 mm

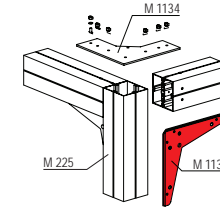
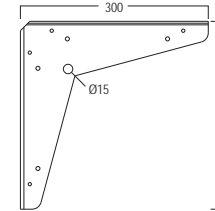


M 1139.37

steel

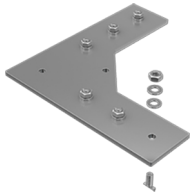
for system groove 4.3 mm, incl. 4 × set screw M 1435/70 (M8) and 4 × round head screw with flange M 1557/20 (M6)

L 300 × W 8 × H 300 mm | 1.978 kg



Reinforcing plate

with 6 × M 1473
L 240 × W 240 × H 6 mm

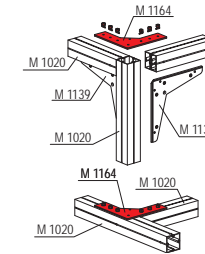
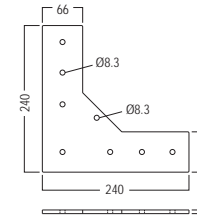


M 1164.21

steel

for extrusions 80 × 80 mm, incl. 6 × hammerhead screw M 1473 (M8)

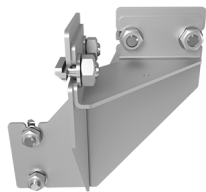
L 240 × W 240 × H 6 mm | 1.535 kg



! Attention: item has to be used for safety reasons as "beam retainer"

Corner bracing

for L 1020 / L 1022
L 144 × W 84 × H 58 mm

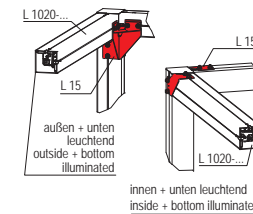
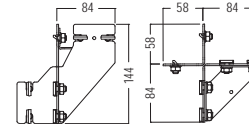


L 15.21 | .23

steel

multi-part corner reinforcement for stabilizing frames and cubes made of octalux profiles L 1020 / L 1022, incl. 8 × hammerhead screw (M8) M 1472 and 8 × nut cap black L 16-M8-1 (only for color .23 black)

L 144 × W 84 × H 58 mm | 0.636 kg



➤ Safety parts

octalux 80

Connector part

max. 150 kg
for rope suspension

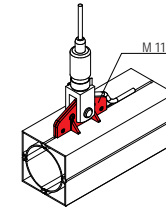
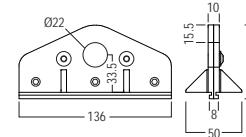


M 1172.37

steel

usable for rope suspension, for connection to 4,3 mm system groove, incl. 3 × set screw M 1435/70 (M8) and 2 × lenticular flange head screw M 1557/20 (M6), max. load capacity 150 kg

L 136 × W 66 × H 50 mm | 0.536 kg



! Attention: max. load capacity 150 kg

Connector part

max. 100 kg
for rope suspension

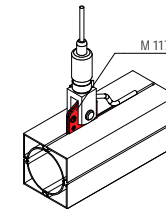
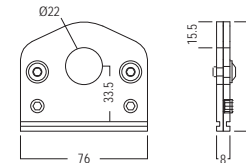


M 1174.37

steel

usable for rope suspension, for connection to 4,3 mm system groove, incl. 2 × set screw M 1435/70 (M8) and 2 × lenticular flange head screw M 1557/20 (M6), max. load capacity 100 kg

L 76 × W 66 × H 8 mm | 0.255 kg



! Attention: max. load capacity 100 kg

Connector part

incl. 2 × M 1435/70
L 50 × W 56 × H 8.3 mm

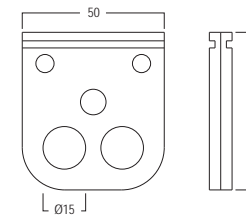


M 1435.00

aluminium

for system groove 4.3 mm, incl. 2 × set screw M 1435/70 (M8), 1 × M1435/20 hex bolt, 1 × M 1435/30 hex nut, 2 × M 1435/40 washer (M8)

L 50 × W 56 × H 8.3 mm | 0.065 kg



! Attention: max. load capacity 70 kg

➤ Safety parts

octalux 80

Screw eye

max. 35 kg
Opening 20 mm dia.

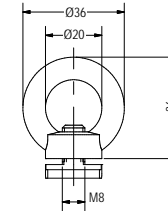


M 1233.37

steel

for system groove 4.3 mm, opening 20 mm dia., consists of 1 x hammer head screw (M8) M 1470/Ha and 1 x eye nut (M8) M 1401/21

L 36 x W 20 x H 36 mm | 0.061 kg



! max. load capacity 35 kg

Wire rope retainer set

for suspension
L 56 x W 24 x H 24 mm

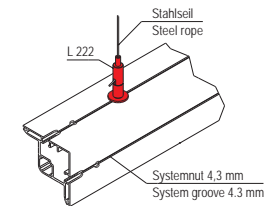
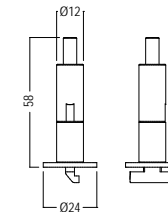


L 222.39

steel

for securing suspended extrusion structures made of octalux extrusions, consisting of: 1 x wire rope retainer OL 222-oZ, 1 x washer M 1135-40, 1 x hammerhead screw W 474-Ha, for steel ropes galv.7x7, min 2300 N/mm², Ø1.5, Ø1.8, Ø2.0, Ø2.5, without steel ropes

L 56 x W 24 x H 24 mm | 0.04 kg



! Mandatory for suspended frames, as clamping force of tension locks is not sufficient! Prevents bending of longer extrusions. Please refer to technical info TI-L-1.0!

Electrical parts

octalux 80

Power cable

2000 mm long

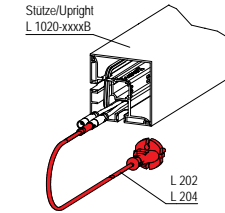
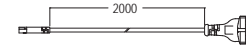


L 202.33

plastic

Power supply cable, socket - Schuko plug, number of poles 2, rated voltage 250 V, rated current 10 A, cable type H05VV-F, nominal cross-section of wire 1.5 mm²

2000 mm long | 0.131 kg



Power cable

4000 mm long

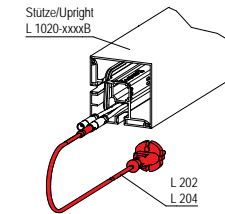
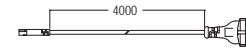


L 204.33

plastic

Power supply cable, socket - Schuko plug, number of poles 2, rated voltage 250 V, rated current 10 A, cable type H05VV-F, nominal cross-section of wire 1.5 mm²

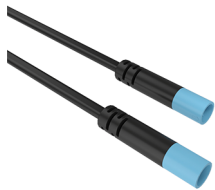
4000 mm long | 0.228 kg



Connecting cable

230 V, 2-wire

Socket-Socket

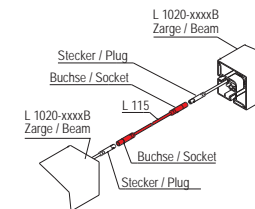
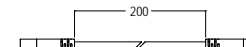


L 115.33

plastic

230 V, 2-wire, for electrical connection of two octalux beams (plugs)

200 mm long | 0.016 kg



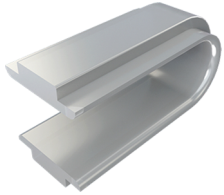
! Not suitable for electrical connection of two octalux uprights (sockets)

Electrical parts

octalux 80

Cable protection

for L 1020/L 1022
L 23 × W 12 × H 9.5 mm

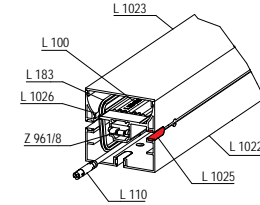
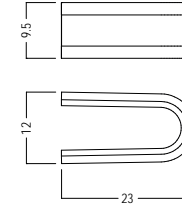


L 1025.33 | .35

plastic

for extrusions L 1020 and L 1022, to protect cables from damage caused by sharp-edged cutouts, from the octalux series

L 23 × W 12 × H 9.5 mm |



Cable protection

for L 1020/L 1022
L 15 × W 7.2 × H 4.1 mm

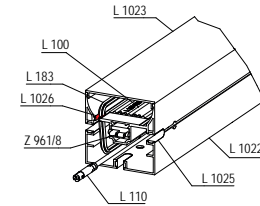
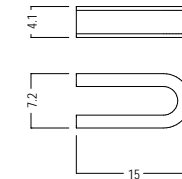


L 1026.33 | .35

plastic

for extrusions L 1020 and L 1022, to protect cables from damage caused by sharp-edged cutouts, from the octalux series

L 15 × W 7.2 × H 4.1 mm |



Dimmer RGB

for octalux
L 110 × W 30 × H 17 mm

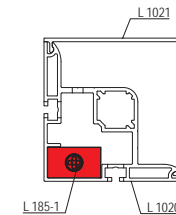
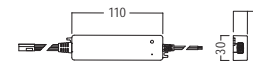


L 185-1.90

plastic

Control unit for colour selection and dimming of octalux products, can be integrated into extrusions L 1020 and L 1022, can be controlled with remote control L 185-2, Input voltage: 12 - 24 VDC, Input Current: 12 A, Input signal: RF 2,4 GHz

L 110 × W 30 × H 17 mm | 0.075 kg



Electrical parts

octalux 80

Remote control RGB

for L 185-1
L 107 x W 59 x H 9.5 mm

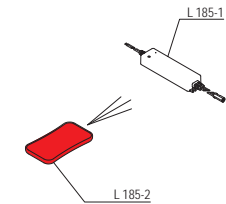
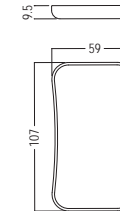


L 185-2.90

plastic

Ultra-thin RGB/RGBW HF remote control, for controlling octalux products with built-in L 185-1 control unit, Output signal: RF (2.4 GHZ), Operating voltage: 3VDC (CR2032), Operating current: $\lt; 5\text{ mA}$, incl. OL 182B button cell (CR2032)

L 107 x B 59 x H 10 mm | 0.048 kg



Battery

CR 2032
for L 185-2

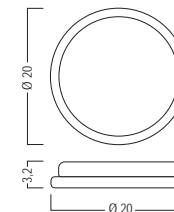


OL 182B.90

lithium

Lithium button cell 3V, battery CR 2032, 3V for RGB remote control L 185-2

L 20 x W 20 x H 3,2 mm | 0.003 kg



➤ Packing/Transport

octalux 80

Transport box

for L 2020
L 2090 × W 520 × H 520 mm

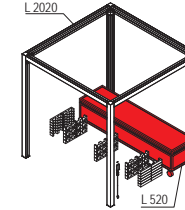
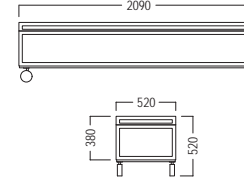


L 520.90

plastic/aluminium

for octalux Structure Set L 2020, 7 mm plywood, film/film, dark brown phenolic film, no claim to colour shade, 2 × folding handle, 2 × butterfly catch, lid with foam lining, 4 × swivel castor with stop, internal dimensions: L 2050 × W 480 × H 360 mm

L 2090 × W 520 × H 520 mm | 43.5 kg



Transport box

for L 2520
L 2590 × W 520 × H 520 mm

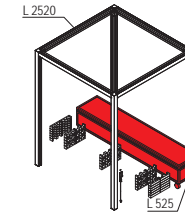
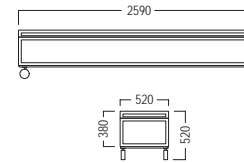


L 525.90

plastic/aluminium

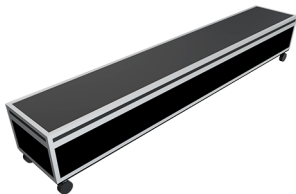
for octalux Structure Set L 2520, 7 mm plywood, film/film, dark brown phenolic film, no claim to colour shade, 2 × folding handle, 2 × butterfly catch, lid with foam lining, 4 × swivel castor with stop, internal dimensions: L 2550 × W 480 × H 360 mm

L 2590 × W 520 × H 520 mm | 54 kg



Transport box

for L 3030
L 3090 × W 520 × H 520 mm

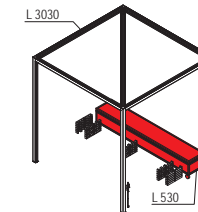
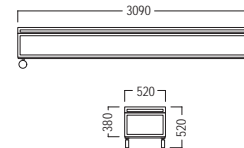


L 530.90

plastic/aluminium

for octalux Structure Set L 3030, 7 mm plywood, film/film, dark brown phenolic film, no claim to colour shade, 2 × folding handle, 2 × butterfly catch, lid with foam lining, 4 × swivel castor with stop, internal dimensions: L 3050 × W 480 × H 360 mm

L 3090 × W 520 × H 520 mm | 62 kg



↗ Sets

octalux 80

Structure Set

made of octalux
L 2000 × W 2000 × H 2000 mm

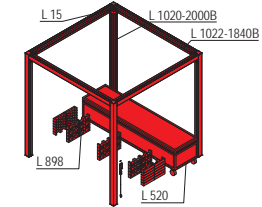
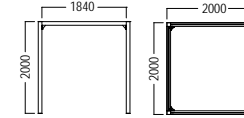


L 2020.01 | .03

aluminium

made of octalux, Set consisting of: 4 × upright L 1020-2000B, 4 × beam L 1024-1840B, 4 × corner reinforcement, 3-part L 15, 1 × RGB remote control L 185-2, 1 × power cable L 204, 1 × mounting tool E 13, 1 × transport box L 520, 54 × foam pad L 898

L 2000 × W 2000 × H 2000 mm | 96.923 kg



Structure Set

made of octalux
L 2000 × W 2000 × H 2500 mm

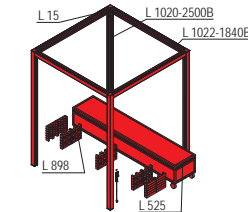
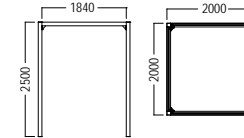


L 2520.01 | .03

aluminium

made of octalux, set consisting of: 4 × upright L 1020-2500B, 4 × beam L 1022-1840B, 4 × corner reinforcement, 3-part L 15, 1 × RGB remote control L 185-2, 1 × power cable L 204, 1 × mounting tool E 13, 1 × transport box L 525, 54 × foam pad L 898

L 2000 × W 2000 × H 2500 mm | 112.495 kg



Structure Set

made of octalux
L 3000 × W 3000 × H 3000 mm

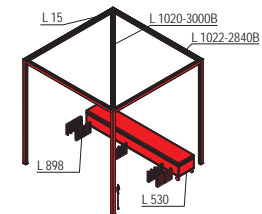
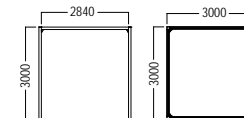


L 3030.01 | .03

aluminium

made of octalux, set consisting of: 4 × upright L 1020-3000B, 4 × beam L 1022-2840B, 4 × corner reinforcement, 3-part L 15, 1 × RGB remote control L 185-2, 1 × power cable L 204, 1 × mounting tool E 13, 1 × transport box L 530, 54 × foam pad L 898

L 3000 × W 3000 × H 3000 mm | 138.147 kg



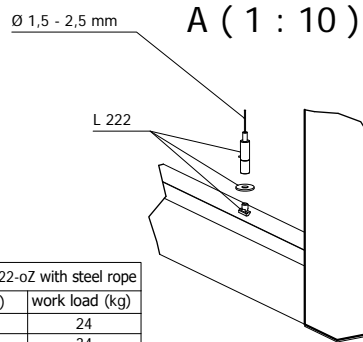
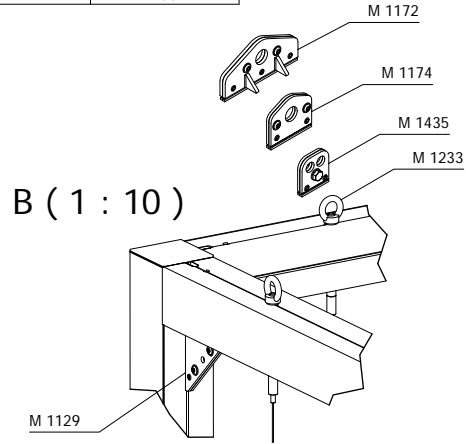
➤ technical information

➤ M-L-1.1	octalux LED Controller L 185-1 with Remote L 185-2	
➤ TI-L-1.0	octalux cube suspended	64
➤ TI-L-2.1	octalux connection maxima	66
➤ TI-L-2.2	octalux installation adjustable foot W 2850	67
➤ TI-L-2.3	octalux base plate M 1408	68
➤ TI-L-2.4	octalux base plate M 1941	69
➤ TI-L-2.5	octalux anti-slip and corner reinforcement	70
➤ TI-L-2.6	octalux connection upright beam	71
➤ TI-L-2.7	octalux power supply	72
➤ TI-L-2.8	octalux Corner reinforcement 3parts	73
➤ TI-L-2.9	octalux Adapter L 108 / L 109	74

➤ technical information

➤ TI-L-3.1	75
octalux Controller L 185-1 and Remote L 185-2	
➤ TI-M-23.4	81
Examples for fixing of wire	
➤ TI-M-66.0	82
Base Plate / M1951, M 1952, M 1953	

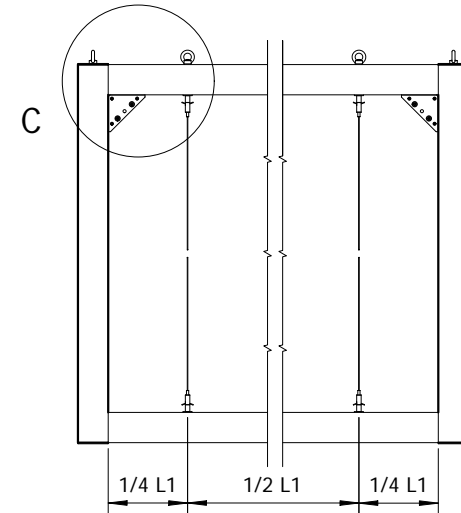
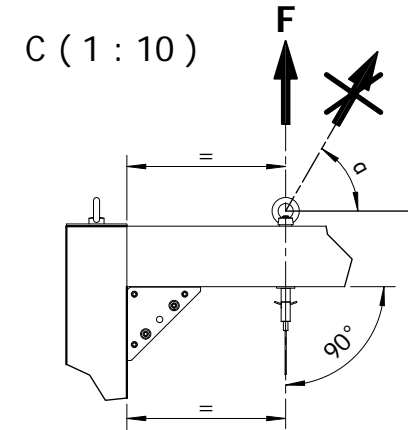
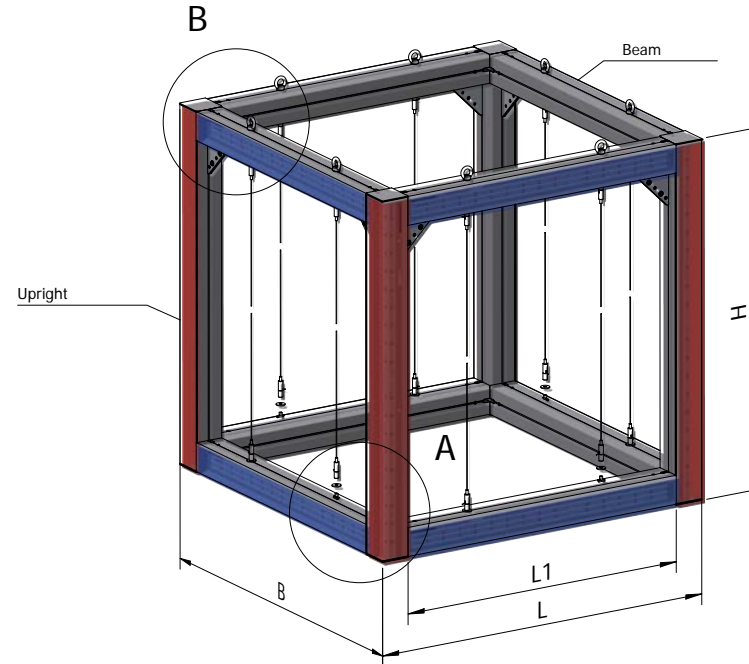
max. load capacity per rope suspension	
rope suspension	load capacity (kg)
M 1233	35
M 1435	70
M 1174	100
M 1172	150



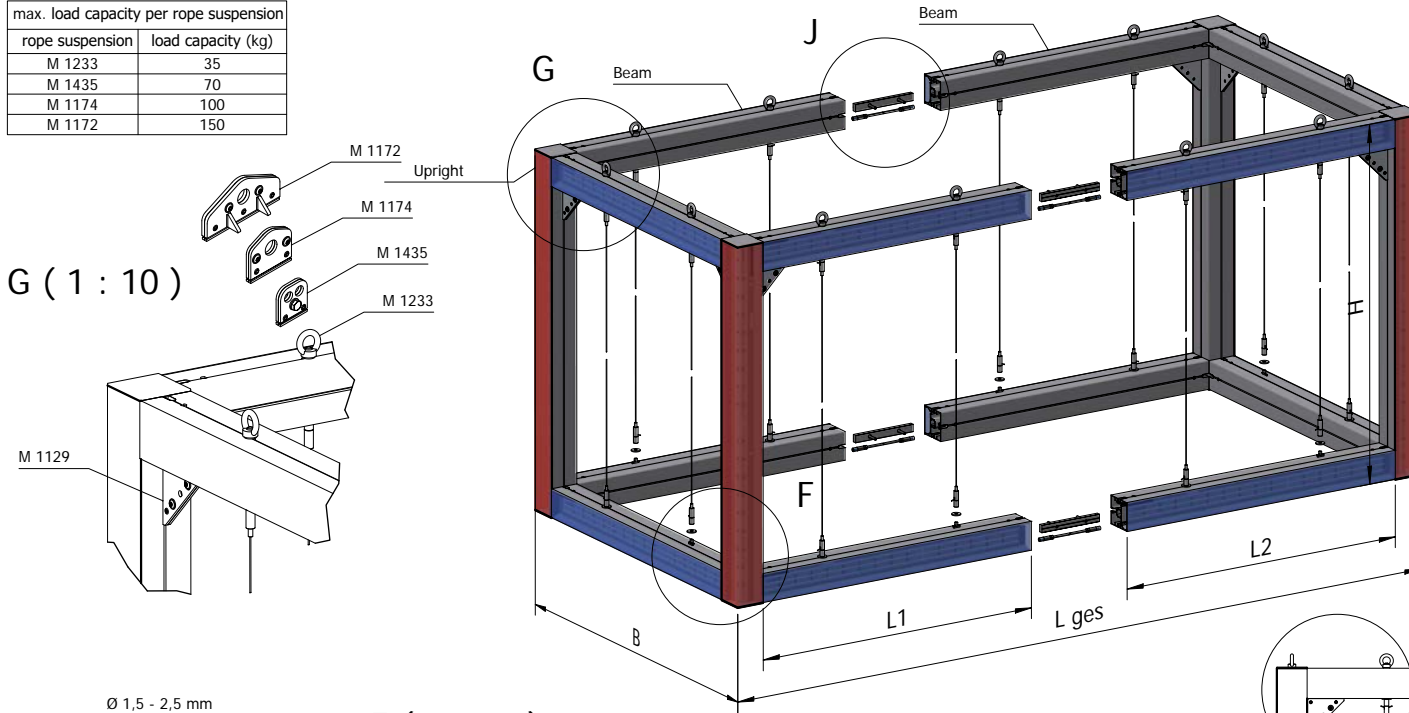
max. work load OL 222-oZ with steel rope	
rope diameter (mm)	work load (kg)
1,5	24
1,8	34
2,0	48
2,5	68

Steel rope galvanized 7x7,
Spec. strength = min. 2300 N/mm²
(service coefficient = 5)

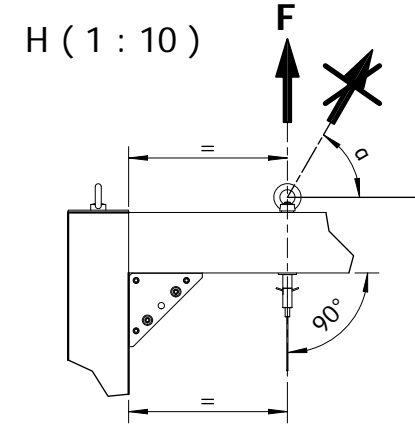
Observe local regulations for
rope suspended structures
over people!



max. load capacity per rope suspension	
rope suspension	load capacity (kg)
M 1233	35
M 1435	70
M 1174	100
M 1172	150



G (1 : 10)



H (1 : 10)

Ø 1,5 - 2,5 mm

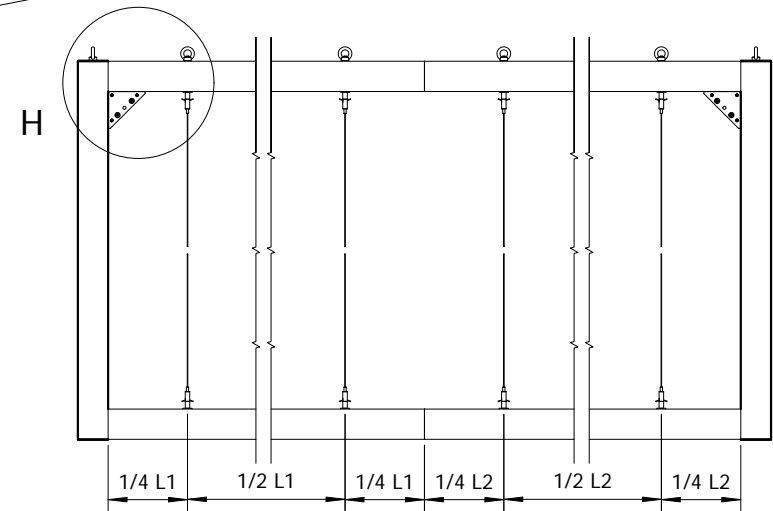
F (1 : 10)

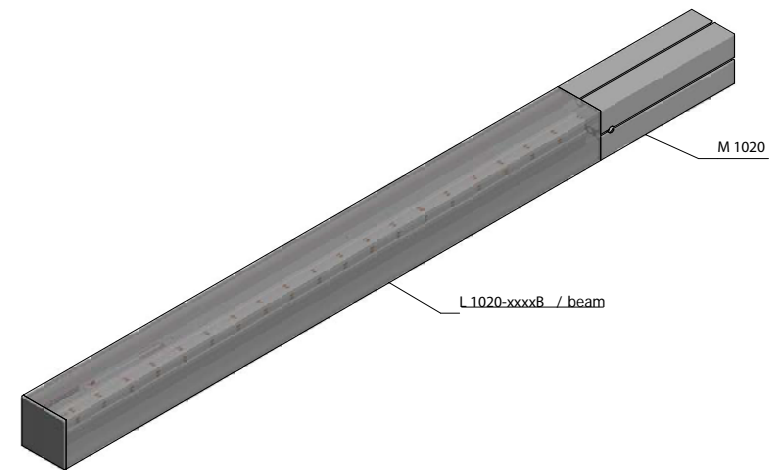
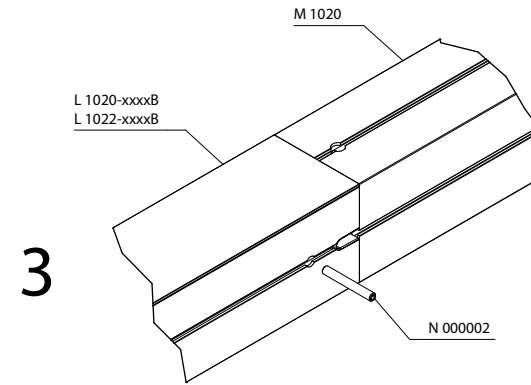
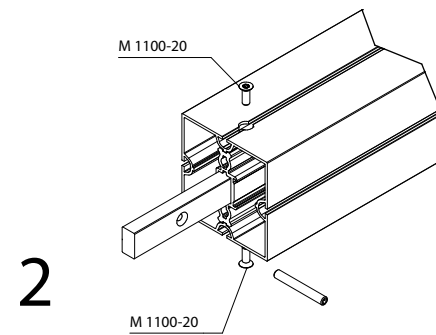
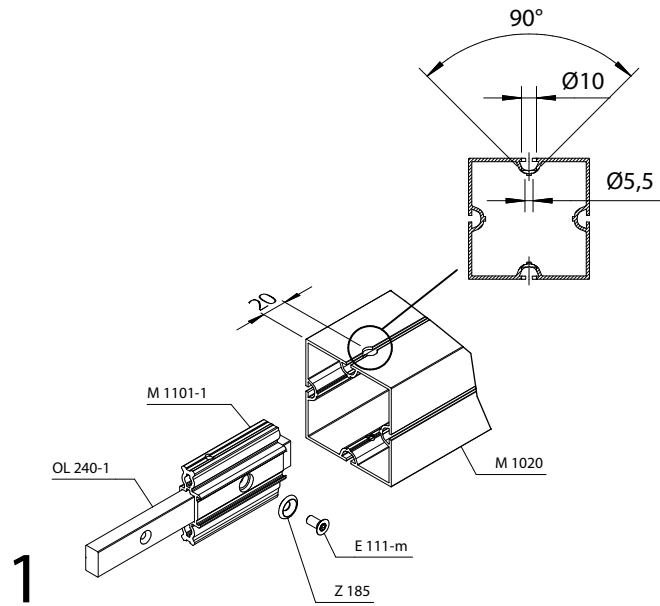
J (1 : 10)

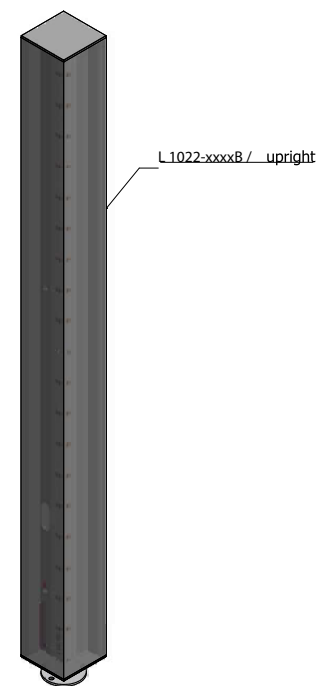
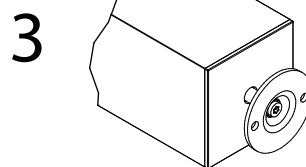
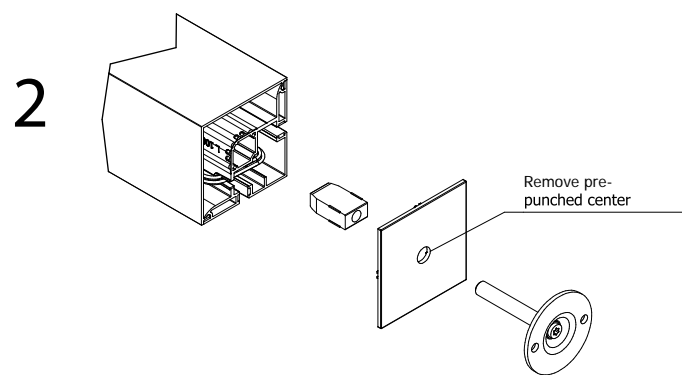
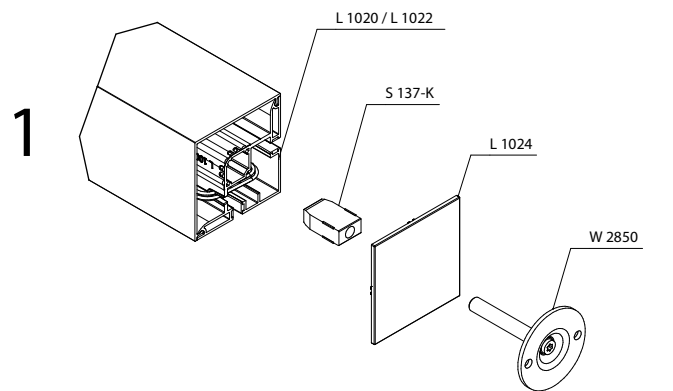
work load OL 222-oZ with steel rope	
rope diameter (mm)	work load (kg)
1,5	24
1,8	34
2,0	48
2,5	68

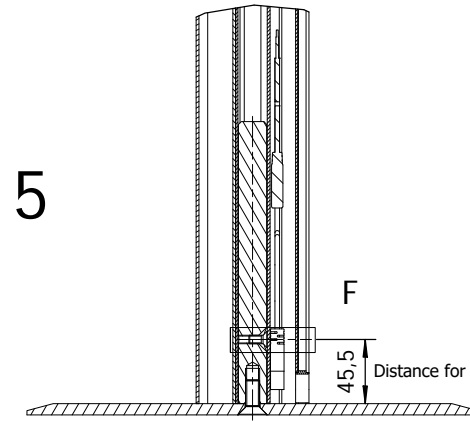
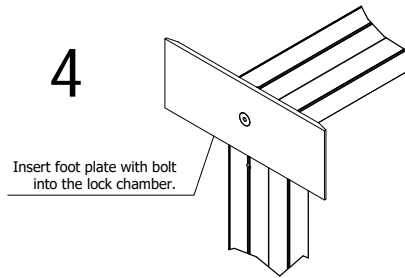
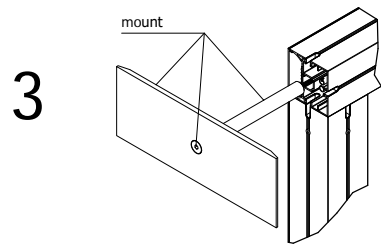
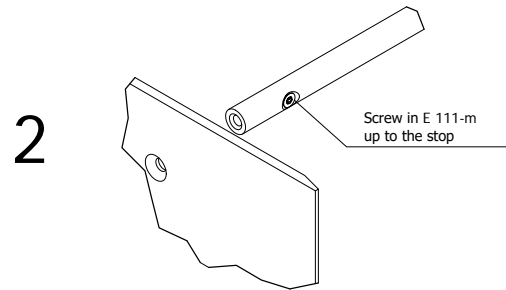
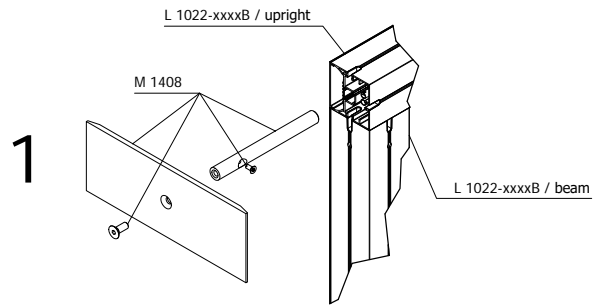
Steel rope galvanized 7x7,
Spec. strength = min. 2300 N/mm²
(service coefficient = 5)

Observe local regulations for
rope suspended structures
over people!



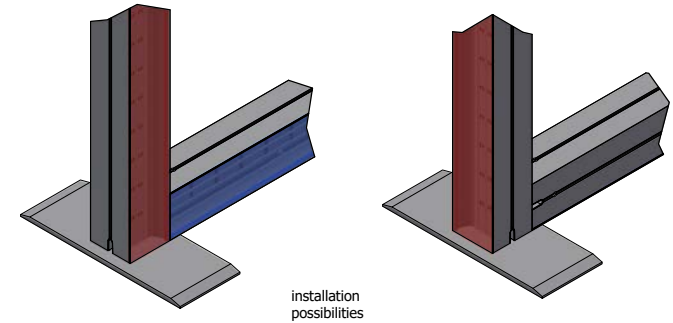
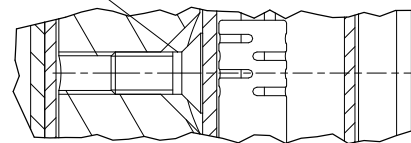




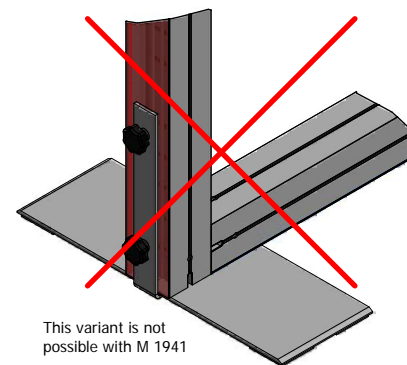
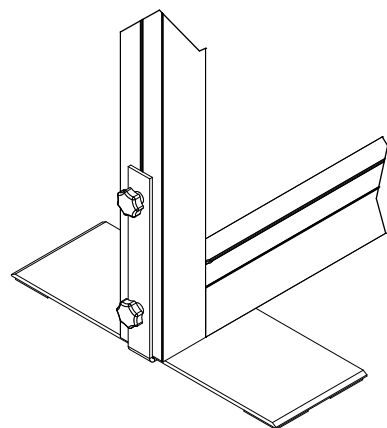
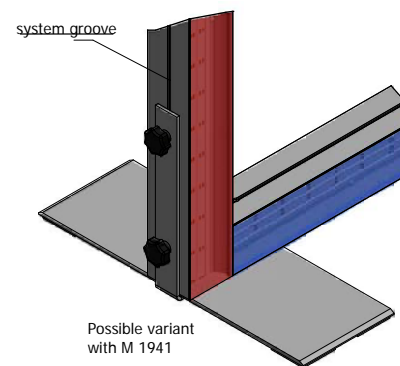
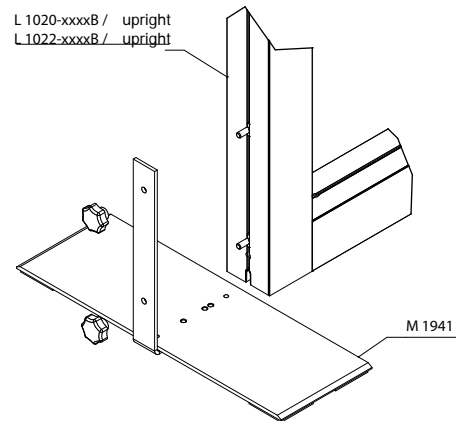


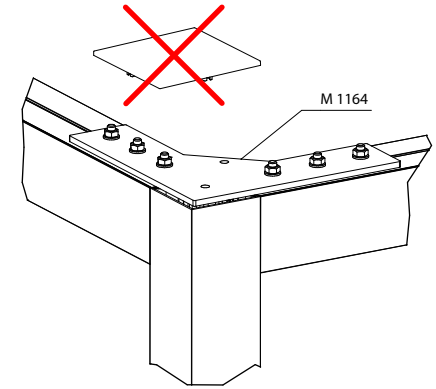
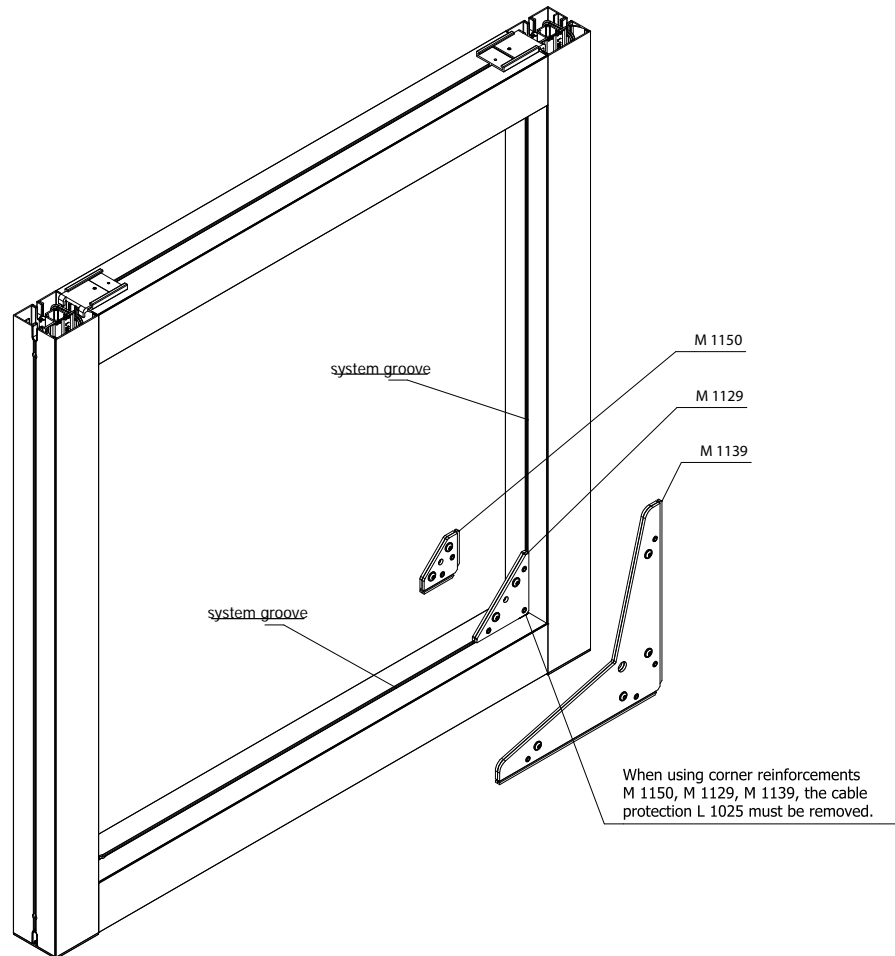
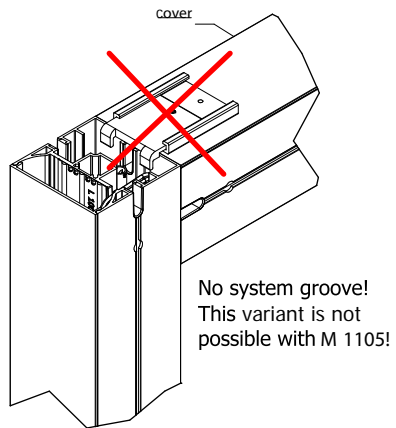
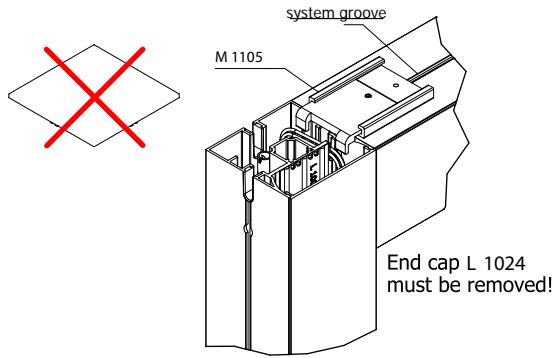
Unscrew E 111-m until clamping is achieved

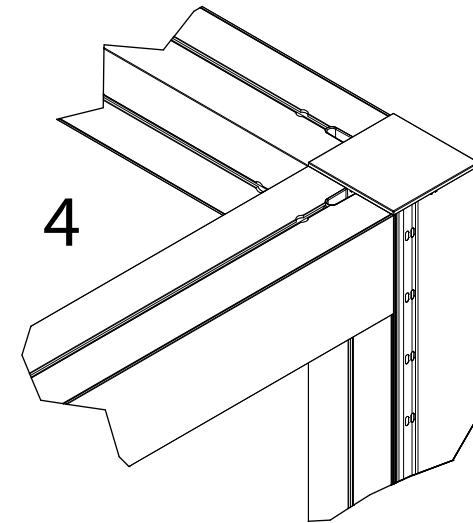
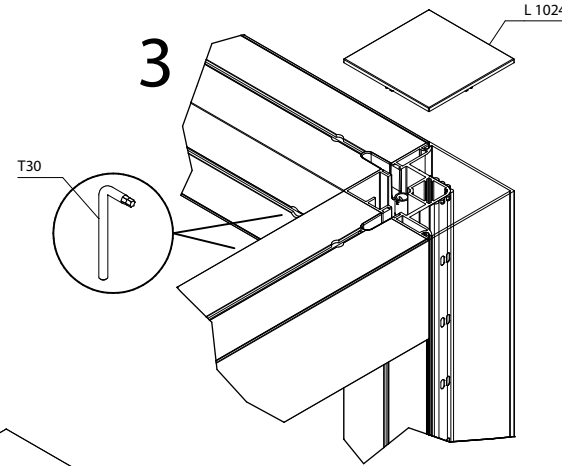
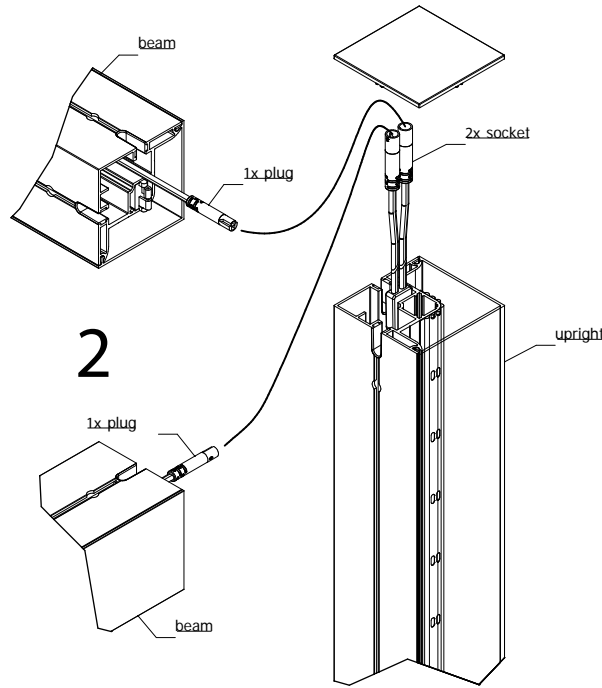
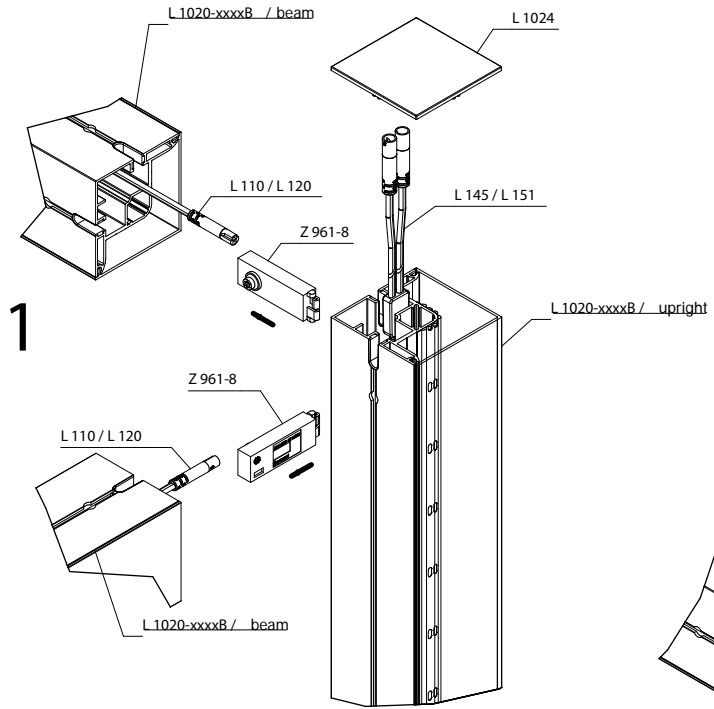
F (1 : 1)



PLEASE NOTE:
The octalux uprights are not supplied with standard drill holes for the E 111-m countersunk screw. If the M 1408 foot plate is used, this hole must either be drilled individually in each upright or specified in the configurator when ordering an upright.



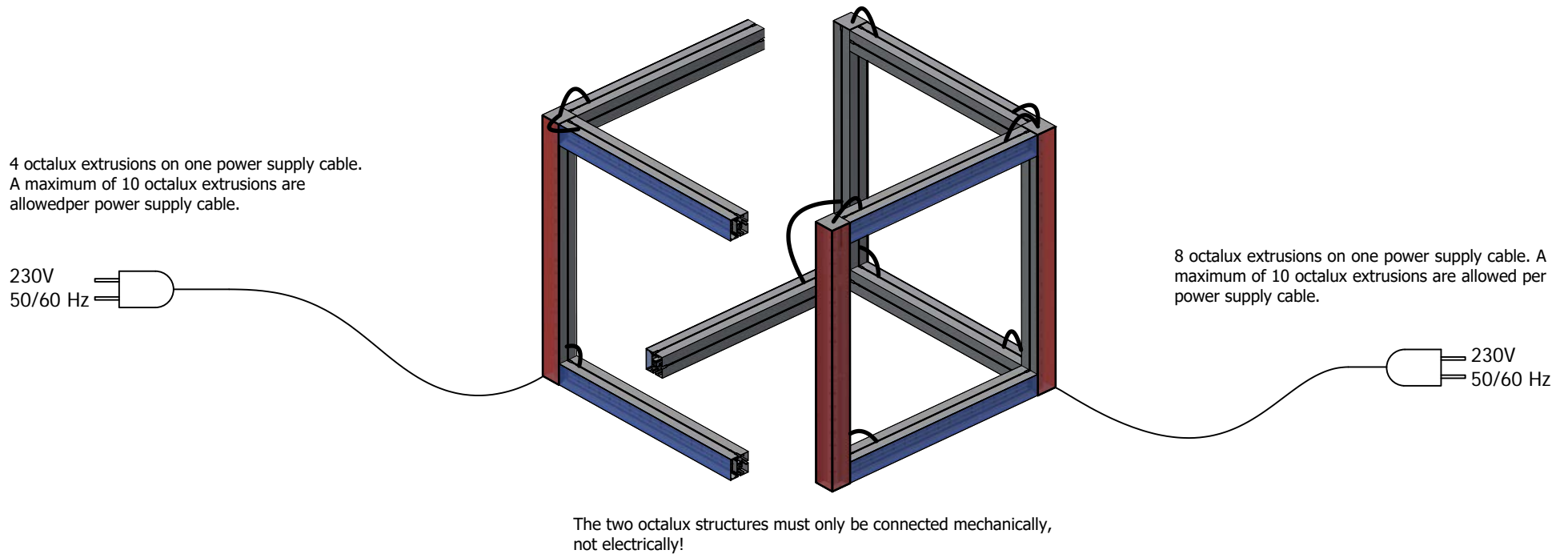




In the case of two and more power feeds, it is mandatory to ensure that the circuits are separated from each other and are not electrically connected to each other. Electrically connecting multiple circuits will result in power failures and will damage the electrical components of the octalux extrusions.

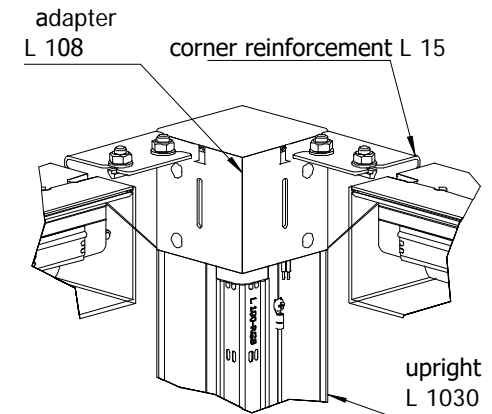
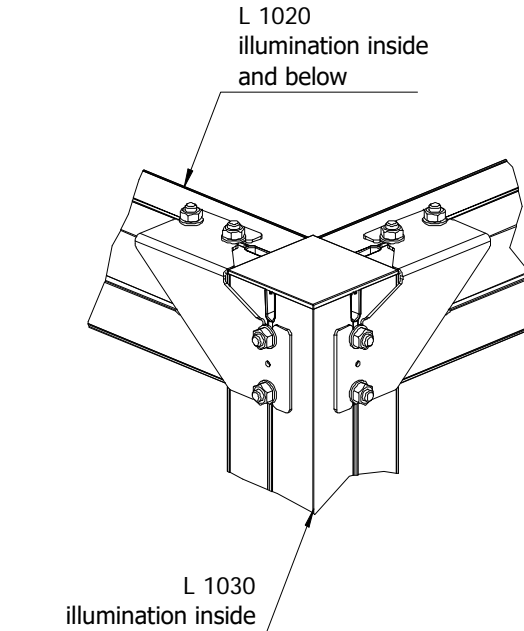
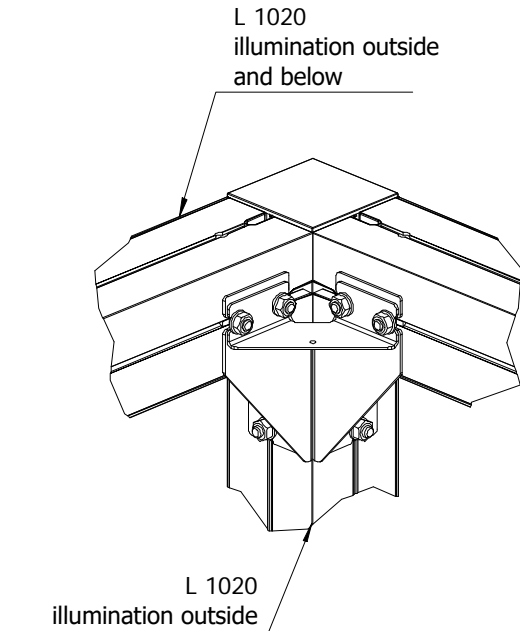
A maximum of 10 A (=10 power supply units = 10 octalux extrusions) may be fed in per power supply cable. If more than 10 extrusions are used, a second power supply is required.

Power is always supplied to the uprights, as they have two sockets on both sides. Only one additional beam can be powered on the upright side where electricity is fed in. The second beam needs to be powered through another upright.



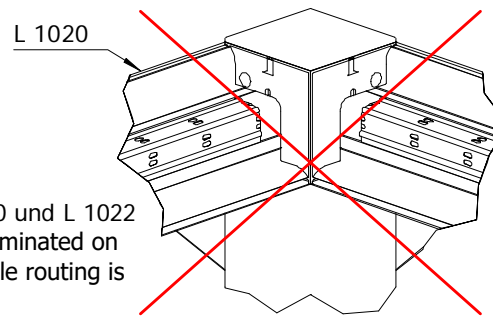
Mounting Option 1

Mounting Option 2



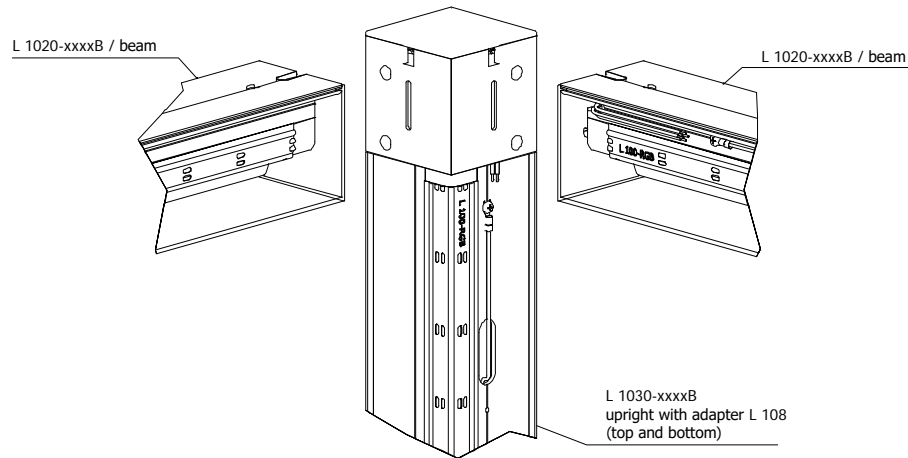
Beams in combination with uprights with inside illumination are only possible with L 1030 or L 1032 (uprights with adapter L 108 or L 109)

Reason: Beams cannot be mounted on the illuminated side!

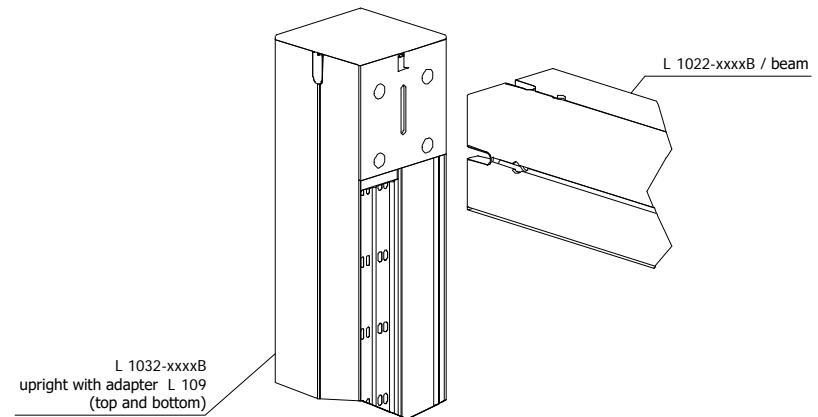


Beams L 1020 und L 1022 cannot be illuminated on top as no cable routing is possible!

Cube with illuminated extrusions on the inside



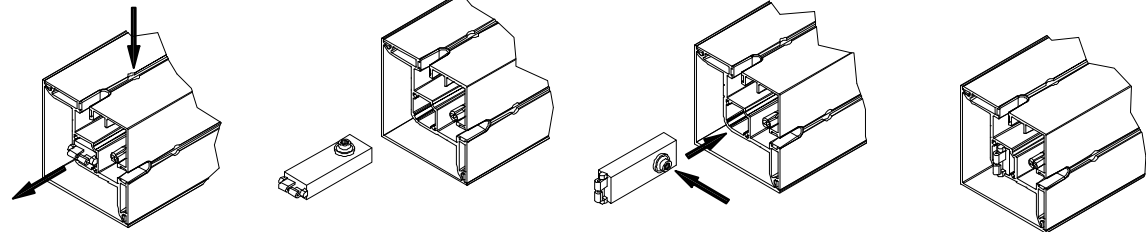
Frame with illuminated extrusions on the inside



Please note:

Frames L 1020-xxxxB and L 1022-xxxxB come with pre-installed tension locks Z 961-8. Tension locks can be installed in different directions. If the installation direction does not match the use or lighting direction of the frame, remove the corresponding tension lock and reinstall in the desired direction.

1. Press down the eccentric knob and at the same time
2. pull out the tension lock.
3. Turn the tension lock and
4. insert by pressing and engaging the eccentric knob



L 185-1 3 Channel LED Dimmer

- 3-channel constant voltage LED RF controller, output for RGB LED strip connection
- Suitable for use with RF 2.4G remote control
- Up to 10 remotes can be paired with one LED RF controller
- Continuous dimming from 0-100%, or in 10 steps from 1-10, without flickering
- 10 built-in dynamic modes, including jump or gradual change style
- Auto forwarding: The controller automatically sends the remote control signal to another controller, doubling the remote control distance
- Synchronization: One remote control can operate multiple controllers at the same time
- Light on/off with selectable fade time of 3 seconds



CE RoHS  RED

Technical Parameters

Input and Output

- Input voltage: 12-24 VDC
- Input current: 10 A
- Output voltage: 3 × (12-24) VDC
- Output current: 3 CH, 3A/CH
- Output power: 108-216 W (12-24 V)
- Output type: constant voltage

Dimming Data

- Input signal: RF 2.4 GHz
- Control distance: 30 m (barrier-free space)
- Dimming scale: Continuous dimming 0-100% or in 10 steps
- Dimming range: 0-100 %
- Dimming curve: logarithmic
- PWM frequency: 1000 Hz (by default)

Safety and EMC

- EMC standard: ETSI EN 301 489-1 V2.2.3 / ETSI EN 301 489-17 V3.2.4
- Safety standard: EN 61348-1:2015+A1:2021 / EN 61348-2-13:2014+A1:2017
- Radio Equipment Directive (RED): ETSI EN 300 328 V2.2.2
- Certification: CE, EMC, RED

Warranty and Protection

- Warranty: 2 years
- Protection: reverse polarity, short circuit

Environment

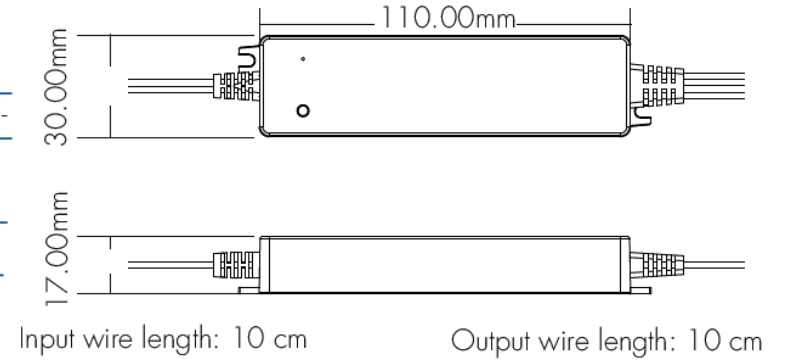
- Operation temperature: Ta: -30°C ~ +55°C
- Case temperature (max.): Tc: +85°C

Package

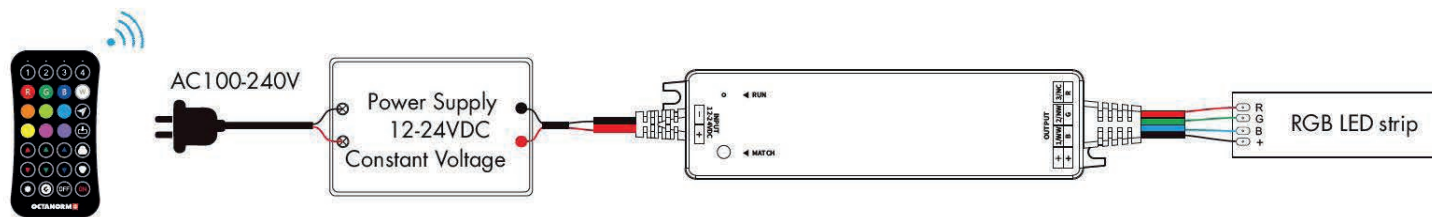
- Size: L 162 × W 42 × H 26 mm
- Gross weight: 0.071 kg

Description

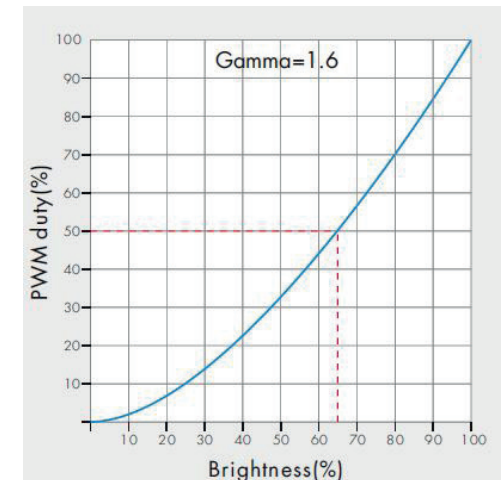
LED Controller L 185-1



Wiring Diagram

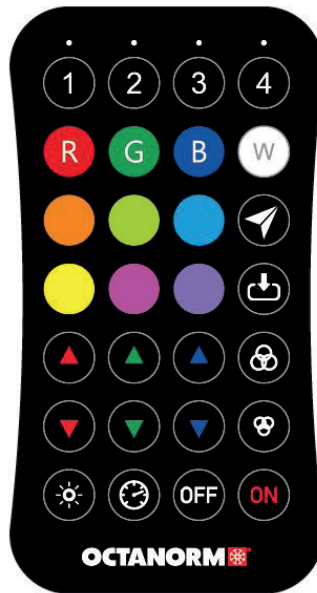


Dimmkurve



L 185-2 4 Channel RGB Remote Controller

- 4-channel RGB 2.4G wireless remote control, suitable for use with RF RGB LED controller L 185-1
- Each remote can be combined with one or more RF LED controllers
- CR2032 battery powered
- Operation with 4 LED indicator lights
- Up to 20 RGB controllers L 185-1 can be programmed per channel (= a total of 80 RGB controllers L 185-1)



CE RoHS emc RED

Technical Parameters

Input and Output

- Output signal: RF (2.4 GHz)
- Working voltage: 3 VDC (CR2032)
- Working current: <5 mA
- Standby current: <6 μA
- Standby time: 1 year
- Remote distance: 30 m (barrier-free space)

Safety and EMC

- EMC standard: ETSI EN 301 489-1 V2.2.3 / ETSI EN 301 489-17 V3.2.4
- Safety standard: EN 61347-1:2015+A1:2021 / EN 61347-2-13:2014+A1:2017
- Radio Equipment Directive (RED): ETSI EN 300 328 V2.2.2
- Certification: CE, EMC, RED

Warranty and Protection

- Warranty: 2 years

Environment

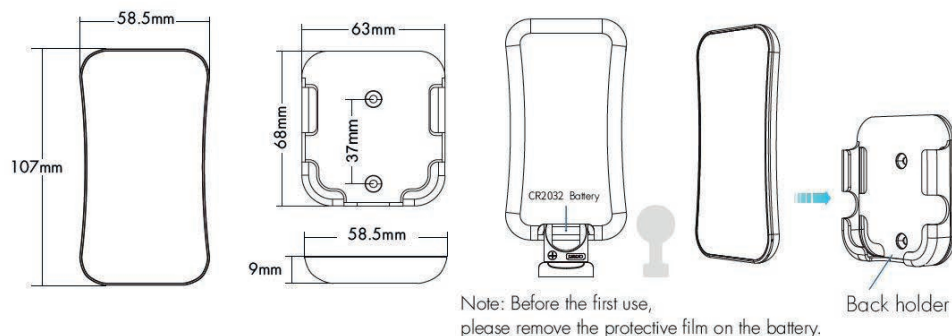
- Operation temperature: Ta: -30° C ~ +55° C

Package

- Size: L 114 × W 65 × H 20 mm
- Gross weight: 0.058 kg

Description

Remote Control L 185-2



The remote control can be mounted in two ways:

Option 1: Use two screws to attach the remote holder to the wall.

Option 2: Use adhesive tape to secure the remote holder to the wall.

Light on/off with Fade Times

Press and hold match key for 5 s., then quickly press 3 times. This sets the the light effect to a smooth fade in and fade out over 3 s. The LED controller indicator light will blink three times.

Press and hold match key for 10 s. to restore the factory settings. The switch on/off time is restored to 0.5 s.

Pairing/Unpairing of Remote and LED Controller

There are two ways to connect or disconnect the remote control and the LED controller:

➤ Using the match key on the LED controller

Pair/match: Briefly press the match key, then immediately press a channel button on the remote. The LED indicator will flash rapidly a few times to indicate a successful connection.

Unpair/delete: Press and hold match key for 5 s. to delete all connections, the LED will flash a few times rapidly to indicate that all paired devices have been deleted.








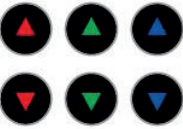


➤ Using the device restart

Pair/match: Turn the LED controller off and on again. Repeat. Immediately press a channel button on the remote 3x quickly. The connection is successful if the light flashes 3 times.











Unpair/delete: Turn the LED controller off and on again. Repeat. Immediately press a channel button on the remote 5x quickly. The light will flash 5 times to indicate that all paired devices have been deleted.



L 185-2 Remote Control Key Functions

-  **Short press:** turn on current channel
Long press: turn on all channels
-  **Short press:** turn off current channel
Long press: turn off all channels
-  **Short press:** select and turn on channel
Long press (2 s.): turn off channels
Short press several channels in a row: select multiple channels at the same time
-  Recall saved scene
-  Save current light effect
-  **Short press:** run next dynamic mode
Long press (2 s.): run first dynamic mode
-  **Short press:** switch to previous dynamic mode
Long press (2 s.): run first dynamic mode
-  Set individual R/G/B colors
Short press: 10 levels
Long press (1-6 s.): for continuous 256 levels adjustment
-  Adjust brightness
Short press: 10 levels of color intensity
Long press (1-6 s.): fine tuning of 256 colors
-  Adjust dynamic mode speed
Short press: 10 levels
Long press (2 s.): back to default speed

Dynamic Modes List

No.	Name	Color	Name	R/G/B Value
1	RGB change		Red	255/0/0
2	Dynamic crossfade		Green	0/255/0
3	6 color change		Blue	0/0/255
4	6 color crossfade		White	255/255/255
5	Yellow cyan purple crossfade		Orange	255/128/0
6	RGB smooth fade in and out		Grass green	128/255/0
7	Red smooth fade in and out		Cyan	0/255/255
8	Green smooth fade in and out		Bright yellow	255/160/0
9	Blue smooth fade in and out		Rose red	255/0/128
10	White smooth fade in and out		Purple	128/0/255

Malfunction Analysis and Troubleshooting

Malfunctions	Causes	Troubleshooting
No light	1. No power. 2. Incorrect or unstable connection.	1. Check power supply. 2. Check connection/wiring.
Color error	1. R/G/B wiring error.	1. Connect the R/G/B wires in the correct way.
Uneven intensity between front and rear, with voltage drop	1. Output cable is too long. 2. Wire diameter is too small. 3. Overload beyond power supply capability. 4. Overload beyond controller capability.	1. Use shorter cable. 2. Change to wider wire. 3. Use PSU with higher output. 4. Add power repeater.
No response from the remote	1. Battery low or empty 2. Beyond controllable distance. 3. No connection to controller.	1. Replace battery. 2. Reduce remote distance. 3. Reconnect the remote.

After Sales Service

If used according to the instructions, we offer free repair or replacement services for our products for up to 2 years after the date of purchase. Excluded from this are:

- Any errors and damages caused by faulty operation
- Any damages caused by inappropriate power supply or voltage deviation
- Any damages caused by unauthorized removal, maintenance, circuit alteration, incorrect connection and chip replacement
- Any damages caused by transportation, breakage and water after purchase
- Any damages caused by earthquakes, fire, flooding, lightning, etc. (natural disasters and force majeure)
- Any damages caused by negligence, inappropriate storage at high temperatures, in humid environments or near harmful chemicals

Safety Information

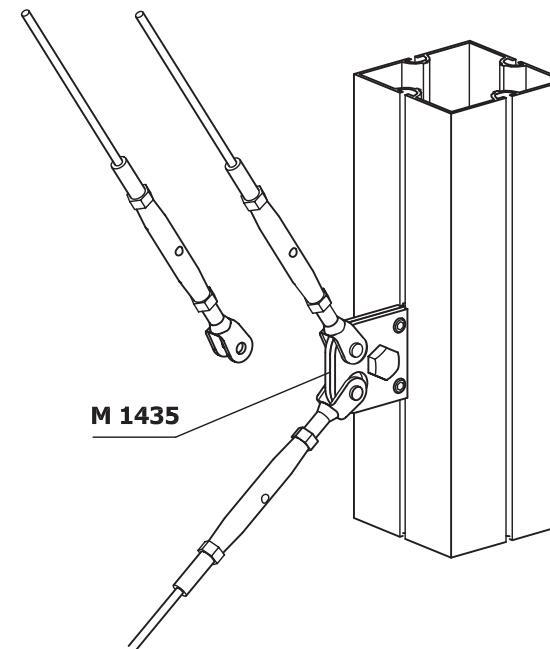
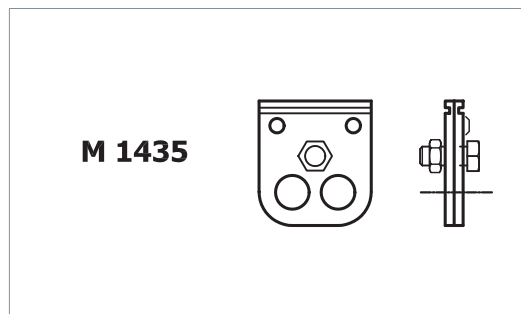
- Please wear suitable light protection goggles for programming!
- Read all instructions carefully before you begin this installation.
- When installing the battery, observe the positive and negative polarity of the battery. If you do not use the remote control for a long time, remove the battery. If the range of the remote control decreases and it becomes unresponsive, replace the battery.
- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do not dispose of batteries in household trash or incinerate them.
- Do not attempt to discharge, recharge, disassemble, or heat the battery.
- Stop using the product if the battery compartment is not securely closed.
- If a battery is swallowed, seek medical attention immediately.
- Handle the remote control carefully. Do not drop it.
- For indoor and dry location use only.



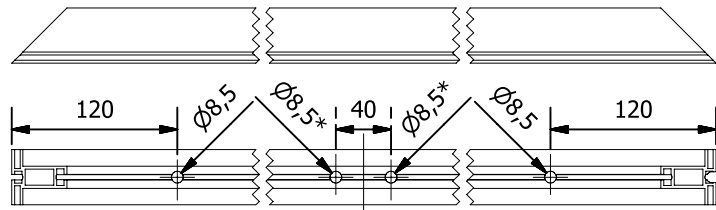
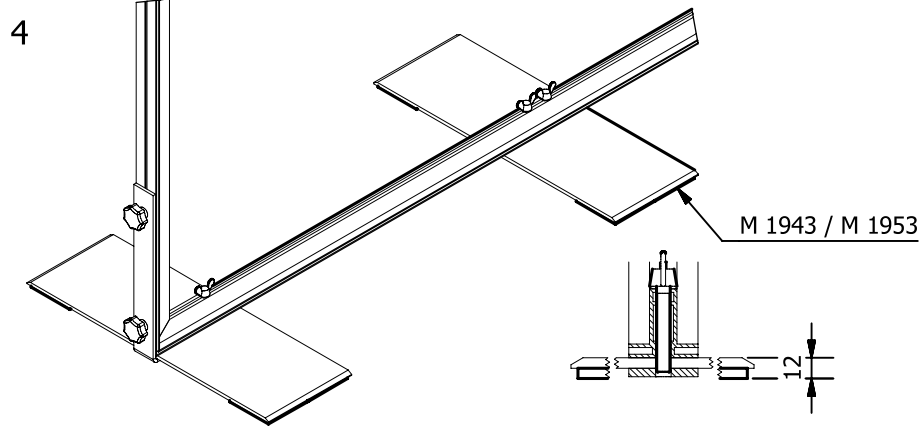
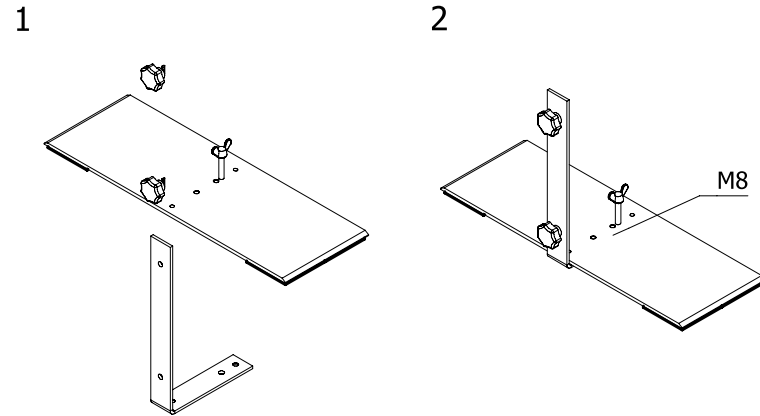
Examples for fixing of wire

TI-M-23.4

technical information

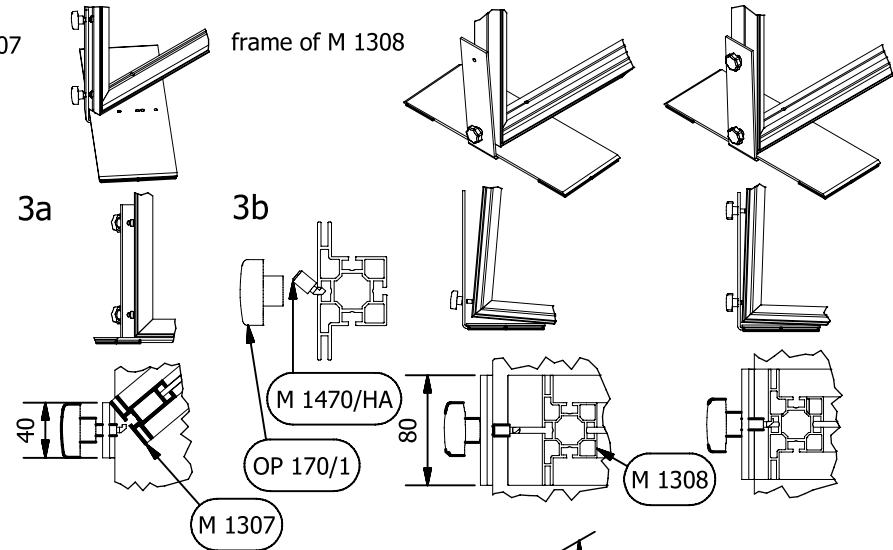


Assembly of base plates: M 1941, M 1942, M 1943

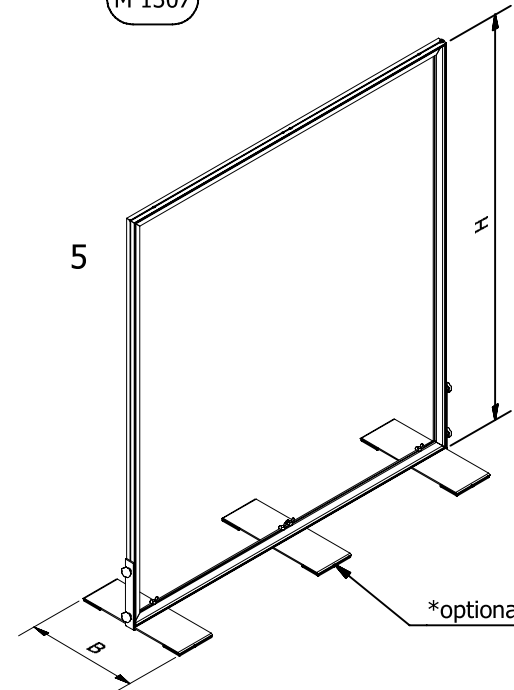


frame of M 1307

frame of M 1308



H	B
2000	495
2500	600





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