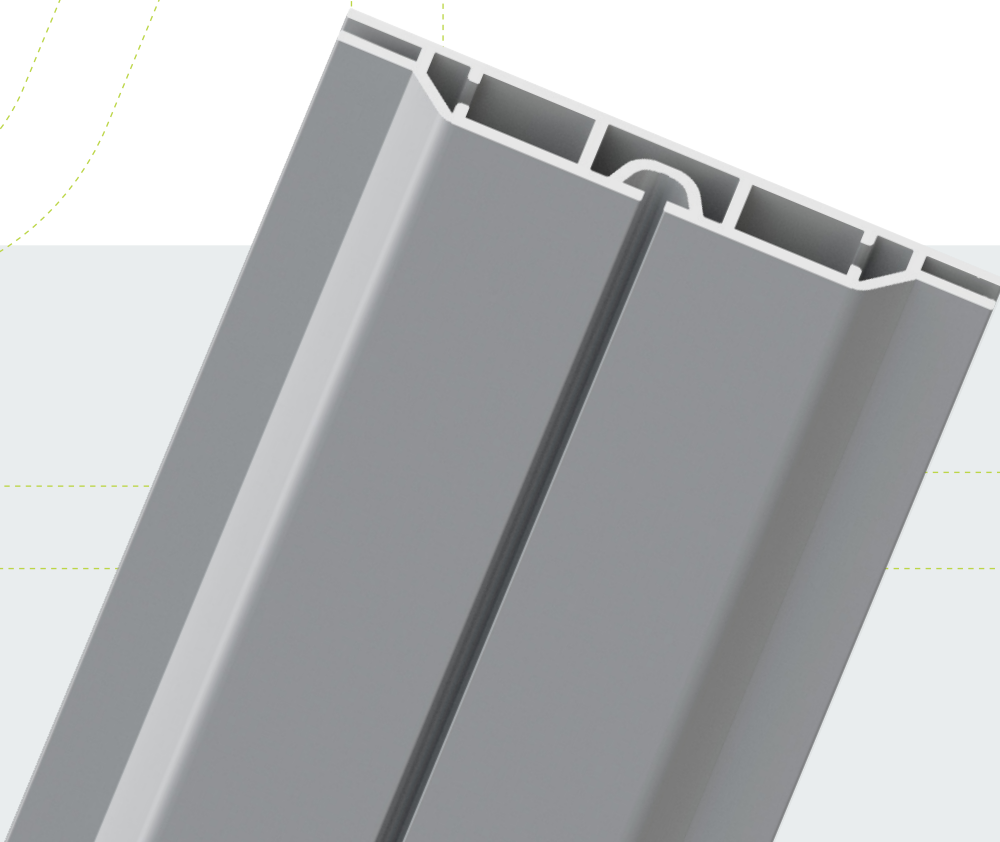


# octalumina

40/80/120 mm

↗ Technics 03/26

Light frames for fabric



## ↗ Contents

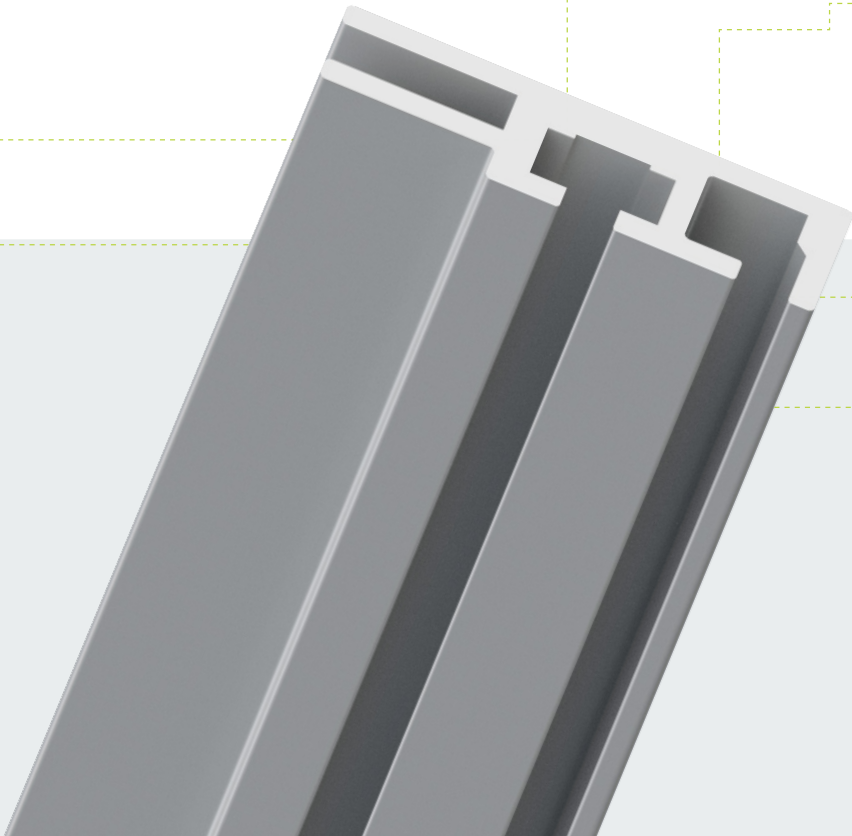
↗ octalumina 40	4
↗ octalumina 80	27
↗ octalumina 120	66
↗ octalumina plus	130
↗ octalumina kubus	179

# octalumina

## 40 mm

Technics 03/26

Light frames for fabric



## ➤ Contents

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## Basic parts

### octalumina 40

#### Tension fabric extr.

without system groove  
for single-sided illumination

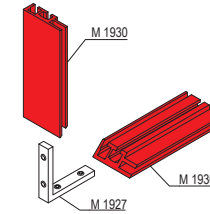
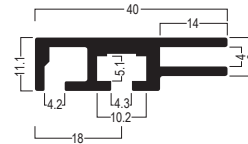


#### M 1930.01

aluminium

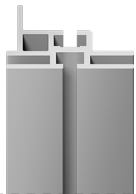
for light frames with single sided illumination, without system groove, graphics with silicone edge M 1313

L 6000 × W 40 × H 11 mm | 3.41 kg



#### Tension fabric extr.

with system groove  
for single-sided illumination

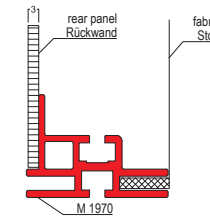
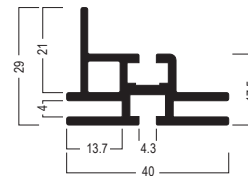


#### M 1970.01

aluminium

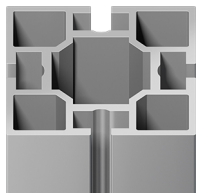
for light frames with single-sided illumination, with system groove, graphics with silicone edge M 1313

L 6000 × W 40 × H 29 mm | 4.341 kg



#### Square extrusion

4 system grooves  
L 5000 × W 40 × H 40 mm

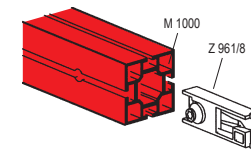
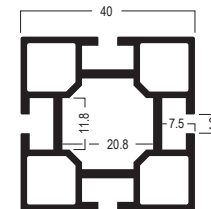


#### M 1000.01

aluminium

for connection on 4 sides, tension lock Z 961/8 can be mounted in 2 positions, with 4 system grooves, groove depth 7 mm

L 5000 × W 40 × H 40 mm | 5.782 kg

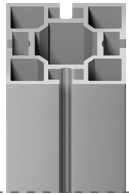


## Basic parts

### octalumina 40

#### Corner upright

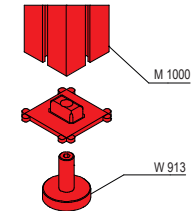
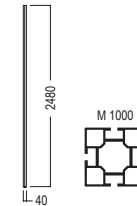
90°  
with adjustable foot W 913



#### W 990.01

aluminium

1 x corner extrusion 90° of M 1000, incl. 1 x adjustable foot W 913  
L 40 x W 40 x H 2500 mm | 3.2 kg



#### Fixing set

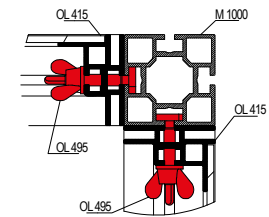
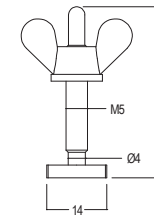
M5  
for octalumina 40 frames



#### OL 495.90

steel

M5, to connect 2 x octalumina 40 light frame (OL 415) or frame with extrusion  
L 40 x W 5 x H 14 mm | 0.012 kg



#### Corner connector

90°  
for M 1930 / M 1970 / M 1601

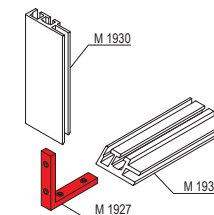
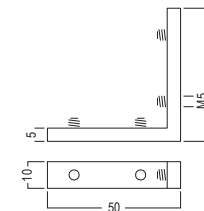


#### M 1927.00

steel

90°, for connection of extrusion M 1930, M 1970 and M 1601, and for stabilization of miter with profile M 1920, incl. 4 x set screw S 4330/20 (M5)

L 50 x W 50 x H 10 mm | 0.014 kg



## Accessories

### octalumina 40

#### Adjustable foot

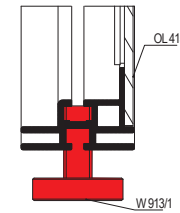
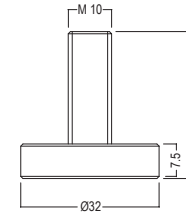
M10  
for octalumina 40 frames



#### W 913/1.37

steel

M10, for mounting in octalumina 40 light frames (OL 415)  
L 32 × W 32 × H 34 mm | 0.008 kg



**i** M 10 thread has to be cut into the frame extrusion

#### Screw eye

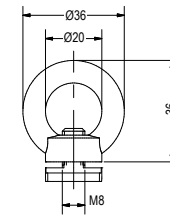
max. 35 kg  
Opening 20 mm dia.



#### M 1233.37

steel

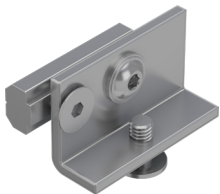
for system groove 4.3 mm, opening 20 mm dia., consists of 1 × hammer head screw (M8) M 1470/Ha and 1 × eye nut (M8) M 1401/21  
L 36 × W 20 × H 36 mm | 0.061 kg



**i** max. load capacity 35 kg

#### Angle support

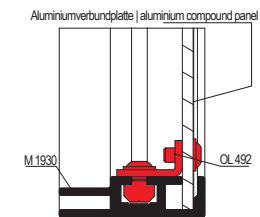
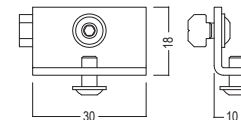
for panel mounting  
for extrusion M 1930



#### OL 492.37

steel

to fix the rear panel (aluminium compound) to the M 1930 frame profile  
L 30 × W 18 × H 10 mm | 0.021 kg



**i** recommended for length from 1000 mm

## Electrical parts

### octalumina 40

#### LED module

3 LEDs  
357 lm / 3.7 W / 24 V

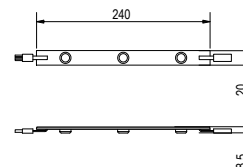


#### OL 303.90

aluminium/plastic

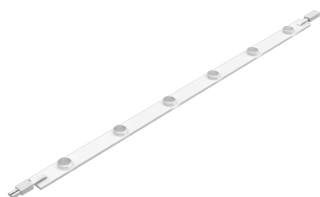
3 LEDs per unit 3.7 W / 24 V, 6500 K, 357 lm, incl. wiring pluggable (plug/bush) back side self-adhesive

L 240 × W 20 × H 9 mm | 0.032 kg



#### LED module

6 LEDs  
708 lm / 7.5 W / 24 V

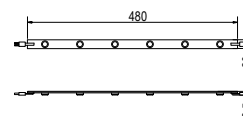


#### OL 306.90

aluminium/plastic

6 LEDs per unit 7.5 W / 24 V, 6500 K, 708 lm, incl. wiring pluggable (plug/bush) back side self-adhesive

L 480 × W 20 × H 9 mm | 0.065 kg



#### LED module

12 LEDs  
1375 lm / 15 W / 24 V

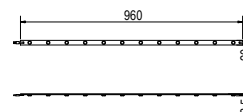


#### OL 312.90

aluminium/plastic

12 LEDs per unit 15 W / 24 V, 6500 K, 1375 lm, incl. wiring pluggable (plug/bush) back side self-adhesive

L 960 × W 20 × H 9 mm | 0.108 kg

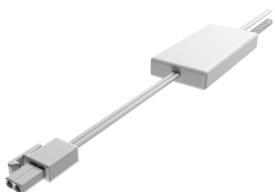


## Electrical parts

### octalumina 40

#### Dimmer

Mini  
12-24 V

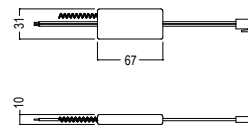


#### OL 181.90

plastic

controller and remote Voltage: 12V-24V 6A Max, 144 W @ 24 V, 72 W @ 12V, 1 channel input open, output with LED connector

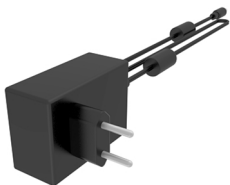
L 67 × W 31 × H 10 mm | 0.144 kg



**!** only in combination with OL 303 - 312, OL 685, OL 682

#### Power supply

36 W  
for LEDs

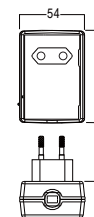


#### OL 191.90

plastic, black

for LEDs, input: 100-240 V AC, 50/60 Hz, 0.8 A, output: 24 V DC, 1.5 A, 36 W, cable length 1000 mm

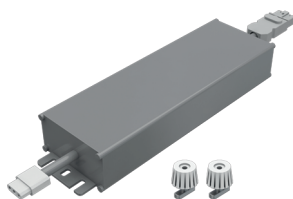
L 79 × W 54 × H 33 mm | 0.209 kg



**!** OL 149 necessary, max. load only up to 29 W recommended for long life soan of the LED power supply unit

#### Power supply

60 W  
for LEDs

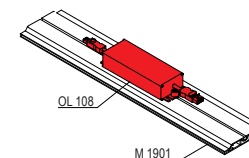
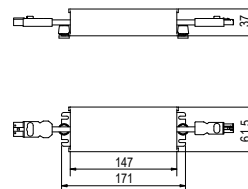


#### OL 108.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 0.64 A, Output: 24 V DC, 2,5 A, 60 W, plug connection at both ends, includes 2 × OL 252 mounting set

L 171 × W 62 × H 37 mm | 0.722 kg



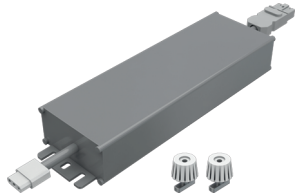
**!** max. load only up to 48 W recommended for long life soan of the LED power supply unit

## Electrical parts

### octalumina 40

#### Power supply

100 W  
for LEDs

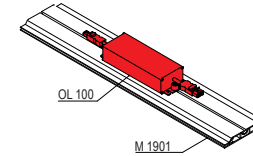
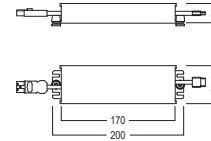


#### OL 100.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 1,1 A, output: 24 V DC, 4,16 A, 100 W, plug connection at both ends, includes 2 × OL 252 mounting set

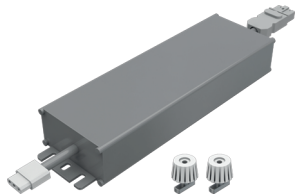
L 200 × W 65 × H 39 mm | 0.921 kg



**!** max. load only up to 80 W recommended for long life soan of the LED power supply unit

#### Power supply

150 W  
for LEDs

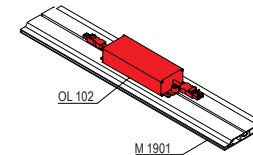
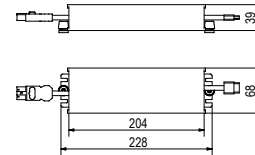


#### OL 102.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 1,7 A, output: 24 V DV, 6,3 A, 150 W, plug connection at both ends, includes 2 × OL 252 mounting set

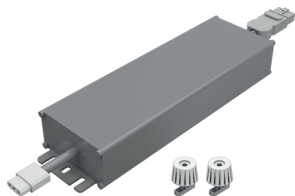
L 228 × W 68 × H 39 mm | 1.174 kg



**!** max. load only up to 120 W recommended for long life span of the LED power supply unit

#### Power supply

240 W  
for LEDs

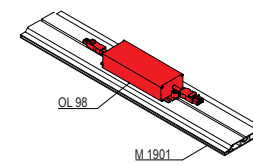
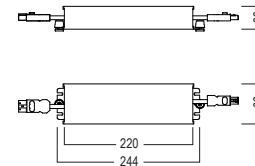


#### OL 98.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 4,0 A, output: 24 V DV, 10,0 A, 240 W, plug connection at both ends, includes 2 × OL 252 mounting set

L 244 × W 68 × H 39 mm | 1.219 kg



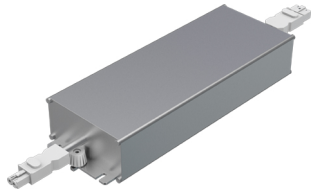
**!** max. load only up to 192 W recommended for long life soan of the LED power supply unit

## Electrical parts

### octalumina 40

#### Power supply

**320 W  
for LEDs**

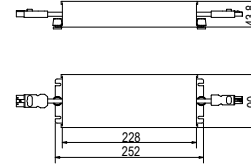


#### **OL 320.90**

**aluminium/plastic**

input: 100-240 V AC, 50/60 Hz, 3.5 A, output: 24 V DC, 13,34 A, 320 W, plug connection at both ends, includes 2 × OL 252 mounting set

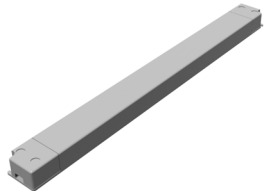
L 252 × W 90 × H 44 mm | 1.78 kg



**!** max. load only up to 256 W recommended for long life soan of the LED power supply unit

#### Power supply

**100 W (Slim Line)  
installation in frame**

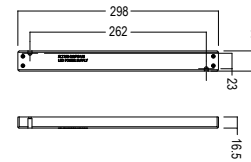


#### **OL 104/1.90**

**plastic**

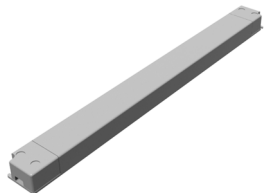
for installation in octalumina 40/80/120 frames, Input: 200-240 V AC, 50/60 Hz, 0.95 A, Output: 24 V DC, 4,17 A, 100 W

L 298 × W 30 × H 16.5 mm | 0.221 kg



#### Power supply

**150 W (Slim Line)  
installation in frame**

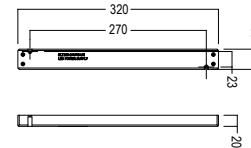


#### **OL 106/1.90**

**plastic**

for installation in octalumina 40/80/120 frames, input: 200-240 V AC, 50/60 Hz, 1.0 A, output: 24 V DC, 6,25 A, 150 W

L 320 × W 30 × H 22 mm | 0.243 kg



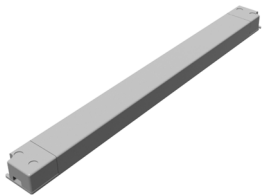
**!** Only suitable for 230 volts! Not for USA and Canada!

## Electrical parts

### octalumina 40

#### Power supply

200 W (Slim Line)  
installation in frame

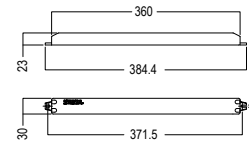


#### OL 206/1.90

plastic

for installation in octalumina 40/80/120 frames, input: 200-240 V AC, 50/60 Hz, 1.6 A, output: 24 V DC, 8.33 A, 200 W

L 360 × W 30 × H 23 mm | 0.431 kg



**!** Only suitable for 230 volts! Not for USA and Canada!

#### Power cable

for LED PSU  
2000 mm long

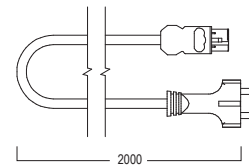


#### OL 122.90

plastic, white

Mains connection cable, socket - Schuko plug, 3 poles, rated voltage 250 V, rated current 16 A, cable type H05VV-F, conductor nominal cross-section 1.5 mm<sup>2</sup>

2000 mm long | 0.277 kg



**!** for PSU OL 98 / OL 100 / OL 102 / OL 108

#### Power cable

for LED PSU (Slim Line)  
2000 mm long

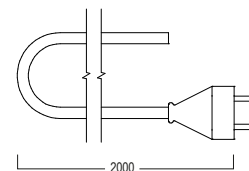


#### OL 130.30

plastic

Euro plug, open end on one side, 2 poles, rated current 2.5 A, cable type H03VVH2-F, nominal conductor cross-section 0.75 mm<sup>2</sup>

2000 mm long | 0.08 kg



**!** for PSU OL 104/1 and OL 106/1

## Electrical parts

### octalumina 40

#### Power cable

for LED PSU OL 104/1  
2000 mm long

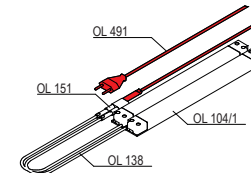
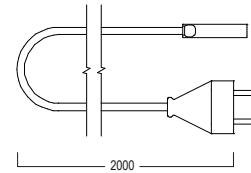


#### OL 491.90

plastic

for connection of OL 138, with Europlug and gesis® MICRO female connector

2000 mm long | 0.08 kg



1 for LED PSU OL 104/1

#### Extension cable

230 V/2,5 A, female connector - plug  
500 mm long

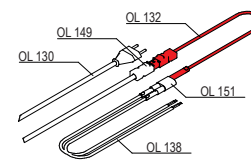
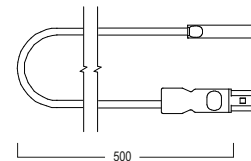


#### OL 132.90

plastic

gesis® MICRO adaptor cable, female connector GST08i2 - plug GST15i2, 230 V / 2.5 A, wire H03V2V2-F

500 mm long | 0.01 kg



#### Extension cable

230 V / 2,5 A, Plug - wire  
500 mm long

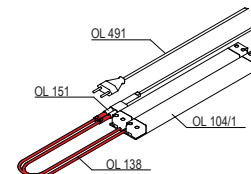
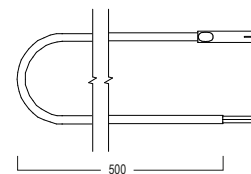


#### OL 138.90

plastic

gesis® MICRO cable connection, one side fitted with plug, GST08i2, 230 V / 2.5 A, wire H03V2V2-F

500 mm long | 0.01 kg



## Electrical parts

### octalumina 40

#### Connecting cable

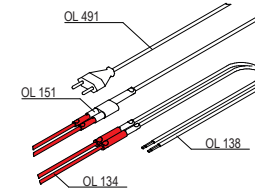
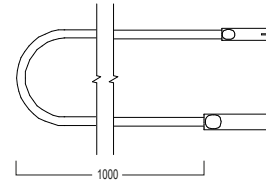
230 V/2,5 A, female connector - plug  
1000 mm long



#### OL 134.90

plastic

gesis® MICRO cable connection, female connector plug, GST08I2,  
230 V / 2.5 A, wire H03V2V2-F  
1000 mm long | 0.059 kg



#### Connecting cable

external, 24V  
1000 mm long

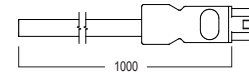


#### OL 139.30

plastic

for connecting a LED module to the power supply unit, if the  
distance between LED power supply and LED module is too big,  
incl. plug OL 148 on one side, 24 V/10 A

1000 mm long | 0.088 kg



**!** after cutting the cable  
to size the female plug  
OL 149 has to be  
mounted on the other  
side

#### Connecting cable

external, 24V  
3000 mm long

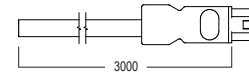


#### OL 140.30

plastic

for connecting a LED module to the power supply unit, if the  
distance between LED power supply and LED module is too big,  
incl. plug OL 148 on one side, 24 V/10 A

3000 mm long | 0.251 kg



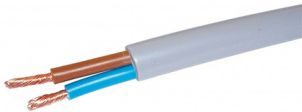
**!** after cutting the cable  
to size the female plug  
OL 149 has to be  
mounted on the other  
side

## Electrical parts

### octalumina 40

#### Connecting cable

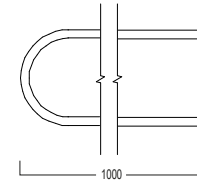
2-wire  
1000 mm long



#### OL 359-1.90

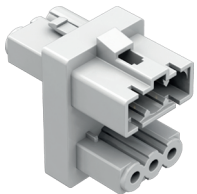
plastic, white

2 wire cable (brown, blue), PVC hose cable white  
1000 mm long | 0.057 kg



#### Distributor block

250 V/16 A  
for 2 x PSU

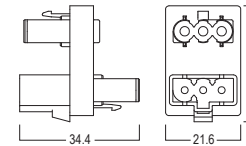


#### OL 142.90

plastic, white

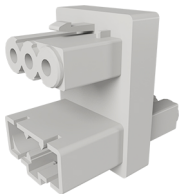
for connecting two power supply units OL 100 and/or OL 102 to the 2 m long power cable OL 122, 1 input / 2 output, 3 poles, 250 V/16 A

L 32 x W 22 x H 35 mm | 0.014 kg



#### Distributor block

250 V/16 A  
for 3 x PSU

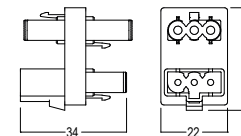


#### DL 142.90

plastic, white

for connecting 3 power supply units to 2 m power cable OL 122, 1 input / 3 output, 3 poles, 250 V/16 A

L 36 x W 22 x H 33 mm | 0.016 kg



## Electrical parts

### octalumina 40

#### Distributor block

250 V/2,5 A  
for 2 × OL 138

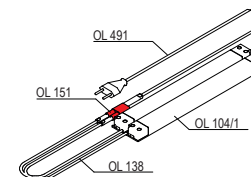
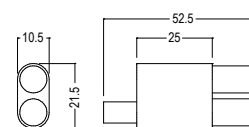


#### OL 151.90

plastic, white

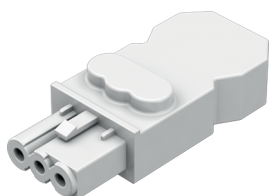
for assembly of 2 × OL 138, 1 input / 2 output, GST08I2, 2-pole, 250 V / 2.5 A

L 52 × W 22 × H 11 mm | 0.006 kg



#### Female connector

250V / 16A  
for DIY assembly

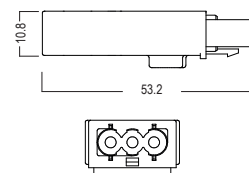


#### OL 144.30

plastic, white

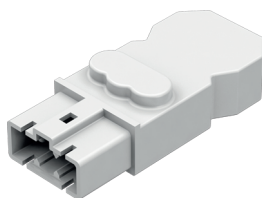
for DIY assembly, 3 pole, with strain relief, use with power cable OL 122, 250V / 16A

L 53 × W 23 × H 14 mm | 0.008 kg



#### Male plug

250V / 16A  
for DIY assembly

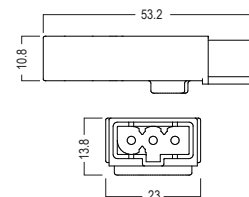


#### OL 146.30

plastic, white

for DIY assembly of OL 98 / OL 100 / OL 102 / OL 104 / OL 106 / OL 108 PSUs, 3-pole, with strain relief, 250V / 16A

L 53 × W 23 × H 14 mm | 0.025 kg

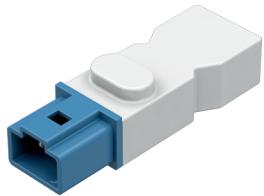


## Electrical parts

### octalumina 40

#### Male plug

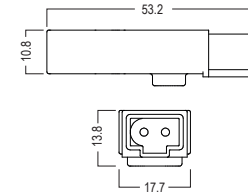
24V / 16A  
for DIY assembly



#### OL 148.90

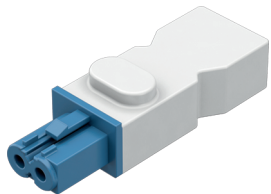
plastic

for DIY assembly of 24 V OL 135-1 / OL 137-1 connection cable,  
2-pole, with strain relief, 24V / 16A  
L 53 × W 18 × H 14 mm | 0.008 kg



#### Female connector

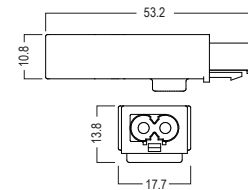
24V / 16A  
for DIY assembly



#### OL 149.90

plastic

for DIY assembly of OL 98 / OL 100 / OL 102 / OL 104 / OL 106 / OL  
108 power supply units, or 24 V OL 139 / OL 140 connection cable,  
2-pole, with strain relief, 24V / 16A  
L 53 × W 18 × H 14 mm | 0.008 kg



#### Female connector

250 V / 16 A  
connection OL 130 to OL 132

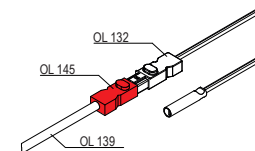
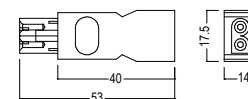


#### OL 145.90

plastic

for connection of OL 130 to OL 132, gesis® GST15I2 installation  
coupler female with strain-relief, 2-pole, 250 V/16 A, IP20, Code 1,  
pebble grey, mains without PE, colour of housing: white, integrated  
secure locking

L 53 × W 18 × H 14 mm | 0.008 kg

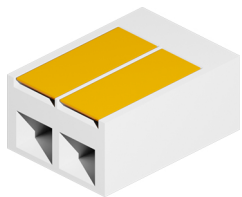


## Electrical parts

### octalumina 40

#### Connecting clamp

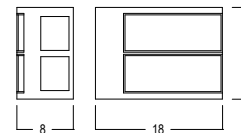
Wago, double  
connection module to PSU



#### OL 314.90

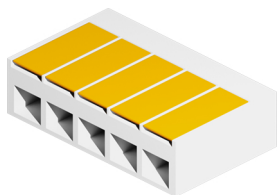
plastic

Wago, for connection of LED modules to PSU, double  
L 13 × W 18 × H 8 mm | 0.002 kg



#### Connecting clamp

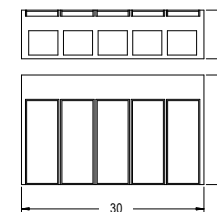
Wago, quintuple  
connection module to PSU



#### OL 315.90

plastic

Wago, for connection of LED modules to PSU, quintuple  
L 30 × W 18 × H 8 mm | 0.004 kg



#### Cable protection

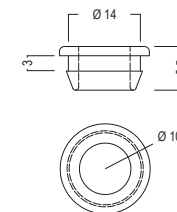
opening 10 mm dia.  
L 14 × W 14 × H 9 mm



#### OL 117.33

rubber

for cable outlet opening  $\varnothing$  10 mm in rear panel octalumina 40  
L 14 × W 14 × H 9 mm |



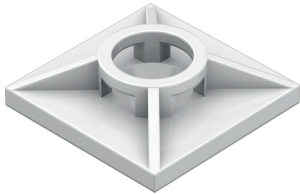
**!** round drilling  
necessary

## Electrical parts

### octalumina 40

#### Adhesive base

100 pcs  
for cable ties OL 255

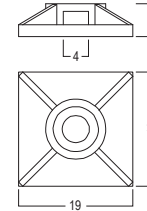


#### OL 254.90

plastic, white

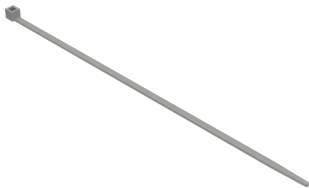
for wire management with wire ties OL 255 (not included), max. width wire ties 4 mm, packaging unit 100 pcs.

L 19 × W 19 × H 5 mm | 0.071 kg



#### Cable tie

100 pcs  
L 155 × W 2.5 mm

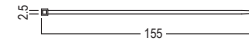


#### OL 255.90

plastic, white

for wire management with fixing set for cable ties, packaging unit 100 pcs

L 155 × W 2.5 mm | 0.051 kg



#### Tape

roll with 50 m  
double-sided

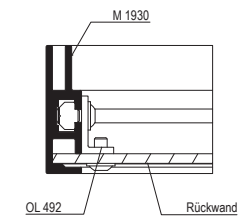
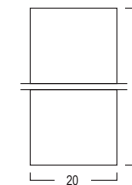


#### OL 419.90

plastic

to mount back panel to M 1970 extrusion, double-sided self adhesive, roll with 50 m

L 50000 × W 20 × H 1 mm | 0.2 kg



# Products

## octalumina 40

### Light frame

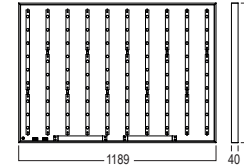
wall mounting  
W 1189 x H 840 x T 40 mm



### OL 400.01 aluminium

1 x frame element single-sided illuminated of M 1930, without system groove, lighting method: back-lit 8750 lumen, 112 W, 24 V, incl. 1 x power supply unit (internal), light color: 6000 Kelvin (daylight white), dimmer also available, back: aluminium sandwich panel 3 mm

W 1189 x H 840 x T 40 mm | 11.729 kg



without fabric/graphics (fabric dimensions = outer frame dimensions)

### Light frame

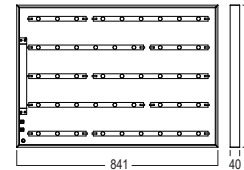
wall mounting  
W 841 x H 594 x D 40 mm



### OL 401.01 aluminium

1 x frame element single-sided illuminated of M 1930, without system groove, lighting method: back-lit, 4375 lumen, 56 W, 24 V, incl. 1 x power supply unit (internal), light color: 6000 Kelvin (daylight white), dimmer also available, back: aluminium sandwich panel, 3 mm

W 841 x H 594 x D 40 mm | 6.394 kg



without fabric/graphics (fabric dimensions = outer frame dimensions)

### Light frame

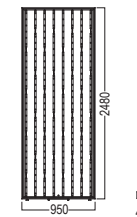
with adjustable feet  
W 950 x H 2480 x D 40 mm



### OL 415.01 aluminium

1 x frame element single-sided illuminated of M 1970, with system groove, aluminium composite panel with LED modules mounted, incl. 2 m cable with plug, with 2 x adjustable foot

W 950 x H 2480 x D 40 mm | 62 kg



without fabric/graphics (fabric dimensions = outer frame dimensions)

## Products

### octalumina 40

#### Circular lamp

round, ceiling mounting  
L 800 × W 800 × H 40 mm

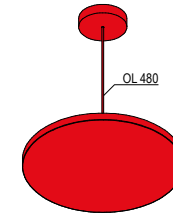
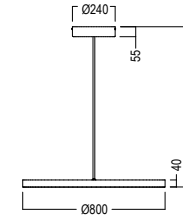


#### OL 480.90

aluminium

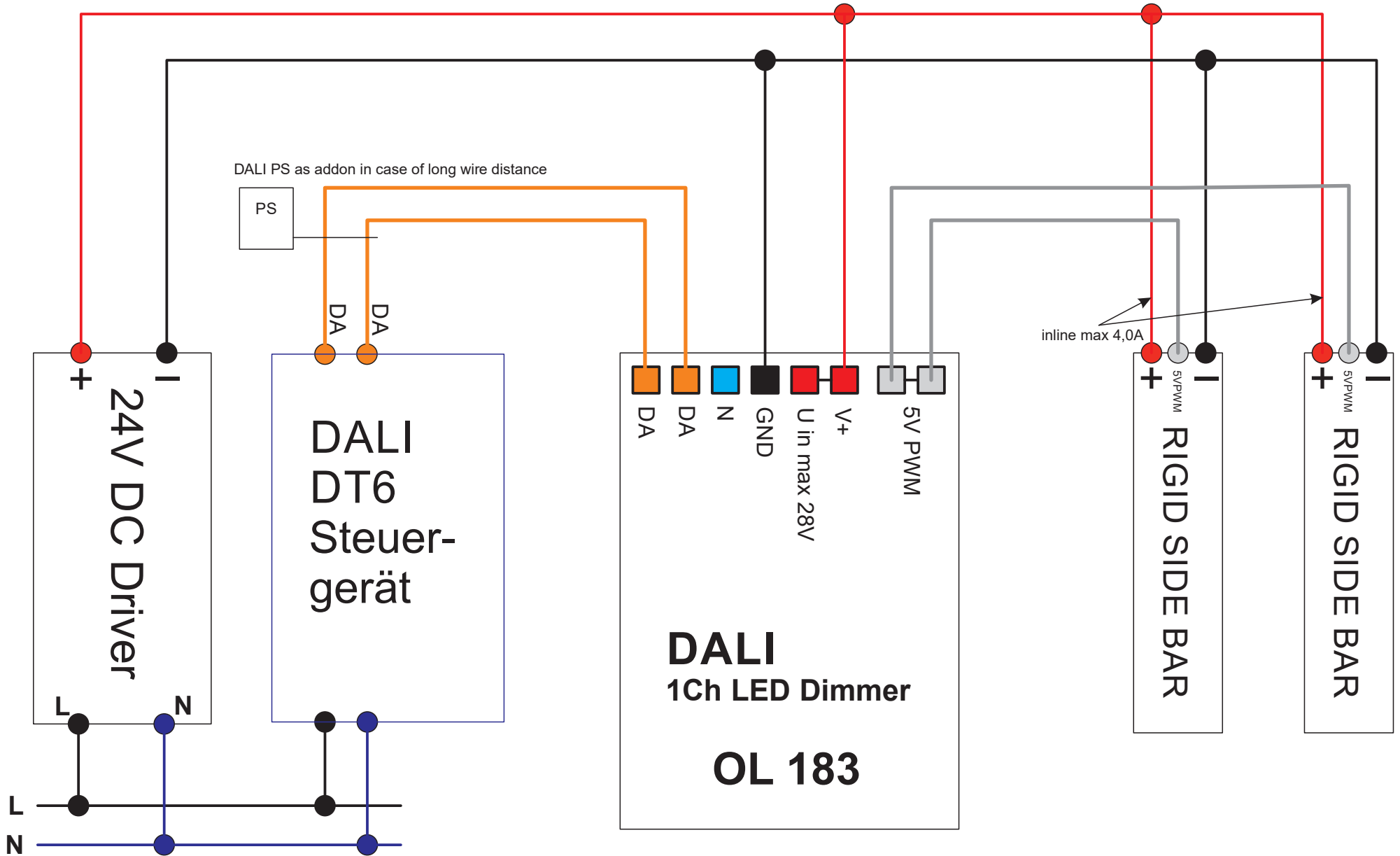
1 × round ceiling lamp of M 1930 black with suspension, minimalistic extrusion edges for maximum usable area, aluminium composite panel with LEDs for backlighting, LED module and PSU preinstalled, luminous color: 6500, electric power: 99,5W, luminous intensity: 900lm, incl. 1 × cable with Schuko plug and 1 × white fabric without graphic

L 800 × W 800 × H 40 mm | 9.8 kg

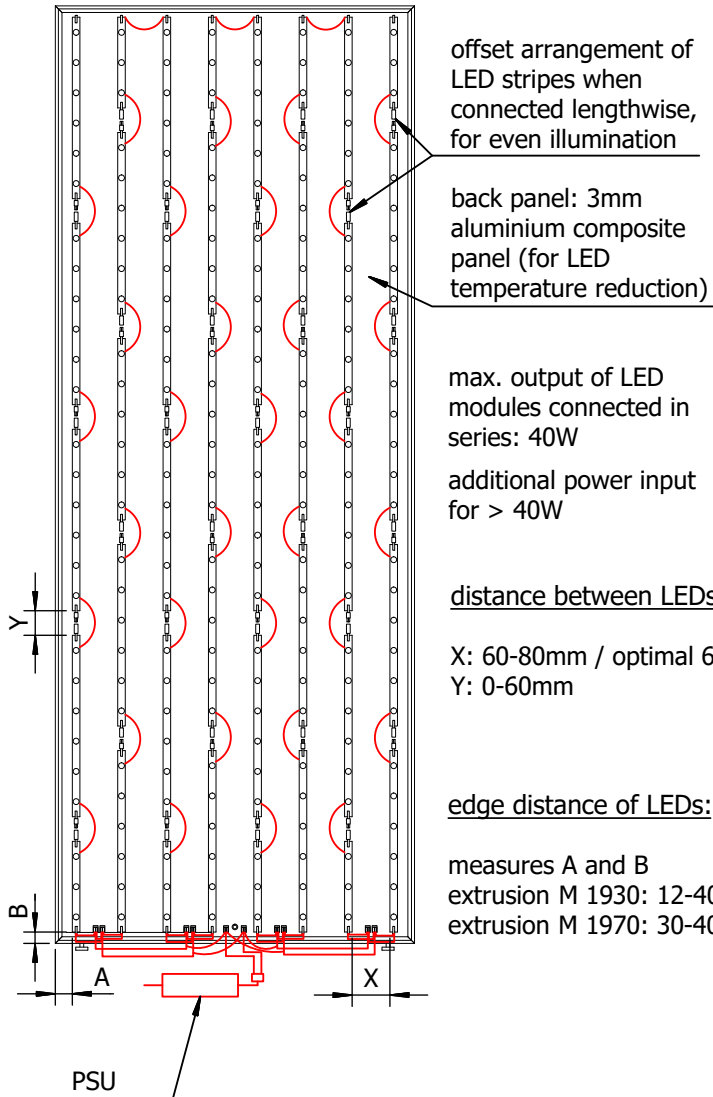


## ➤ technical information

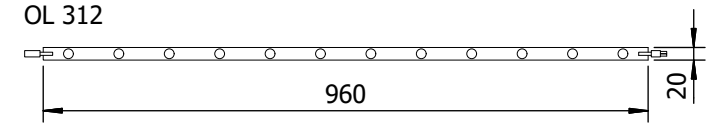
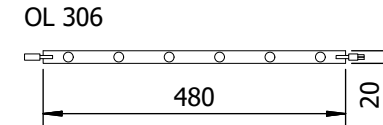
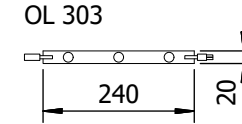
➤ TI-OL-0.9	23
octalumina electrical connection DALI LED Dimmer OL 183	
➤ TI-OL-5.0	24
octalumina 40 LED placement light frame	
➤ TI-OL-5.1	25
octalumina Mini Dimmer OL 181 User Manual	



Example frame 950x2480 (OL 415)



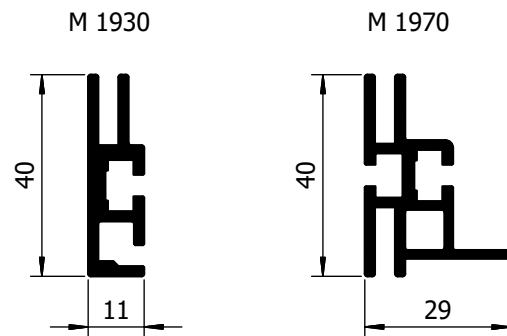
example parts list OL 415		
qty.	art. no.	description
1	M 1970	upper extrusion
1	M 1970	lower extrusion
2	M 1970	vertical extrusion
4	M 1927	corner connector
1	OL 415/2	back panel
2	W 913/1	adjustable foot
6,7lfm	OL 419	tape double sided
8	OL 303	LED module
32	OL 306	LED module
1	OL 346	angle support PSU
1	OL 320	PSU
1	OL 122	power cable
1	OL 139	cable assembly
1	OL 117	grommet
10	OL 314	connecting clamp
40	OL 254/1	fixing set cable tie
40	OL 255/1	cable tie



Description LED:

- OL 303: 3,7W - 357lm
- OL 306: 7,5W - 708lm
- OL 312: 15W - 1375lm
- voltage : 24V DC
- lens 160°
- light colour : 6500-7000K
- plug/socket mounted
- back self adhesive

octalumina 40 frame extrusions:



size of back panel:  
outer size -5mm

size of back panel:  
outer size -17mm

Description PSU:

- OL 102: 150W, 24V
- OL 98: 240W, 24V
- OL 320: 320W, 24V

Recommendation: Use PSU to a maximum of 80% capacity (for a longer service life)

Connection cable OL 122 has to be ordered separately



**Description:**

Mini Dimmer for brightness control of LED strips (indoor use only), consuming 144 W max. at 24 V. The Mini Dimmer is controlled by a RF remote.

**1. Specifications**

- Working temperature: - 20 to 60 °C
- Supply voltage: 24 V
- Output: dimmed, max. 24 V
- Size: L 50 x W 30 x H 10 mm
- Max. amps: 6 A

**2. Warning**

- Never connect to AC 220 V or voltage > 24 V DC.
- Check if LEDs are dimmable before use.
- We assume no warranty for damages caused by over-voltage, overload, improper use or use of incompatible components.

**3. Remote Control**

<b>I</b>	On
<b>O</b>	Off
<b>XX %</b>	Brightness Short Keys
<b>DIY</b>	Press once, adjust brightness, press again to save
<b>Delay Off</b>	Turn off after 30 sec.)
<b>+</b>	Speed/brightness
<b>-</b>	Speed/brightness
<b>FUN</b>	Flash/Fade

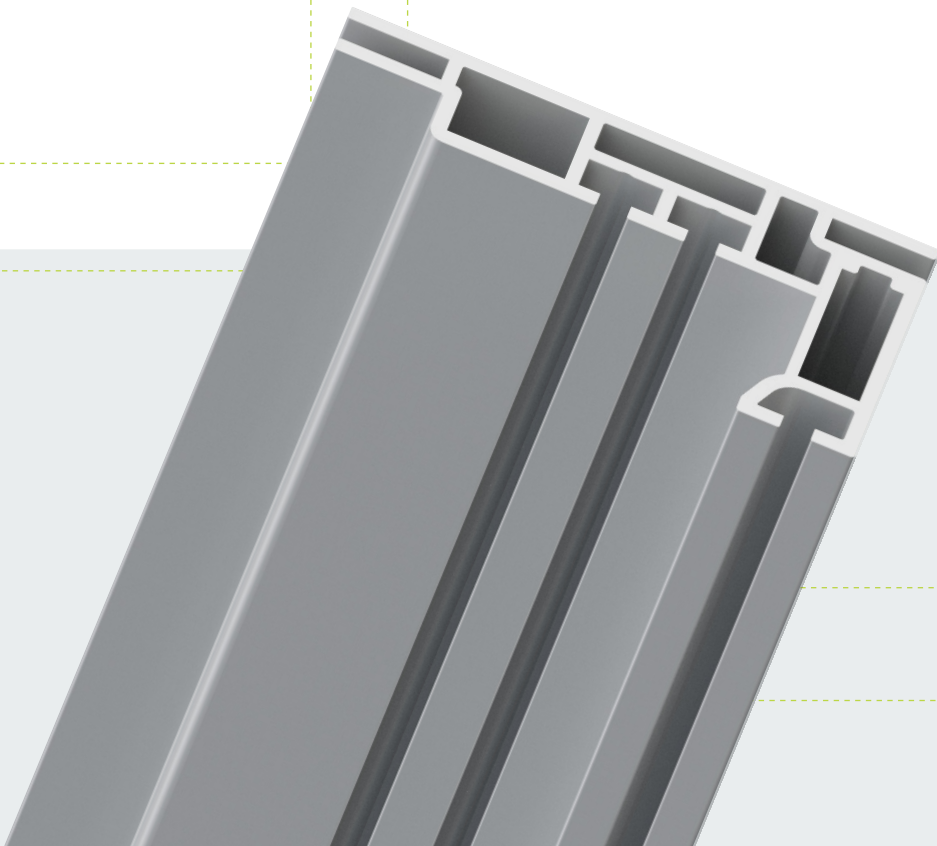


# octalumina

## 80 mm

Technics 03/26

Light frames for fabric



## ➤ Contents

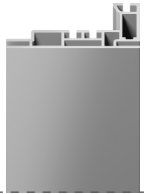
➤ <b>octalumina 80</b>	
➤ Basic parts	28
➤ Accessories	33
➤ Electrical parts	36
➤ Packaging/Transport	47
➤ Products	48
➤ technical information	52

## Basic parts

### octalumina 80

#### Tension fabric extr.

without system groove  
for single-sided illumination

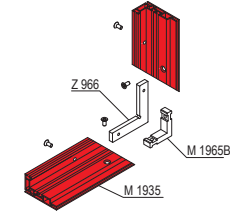
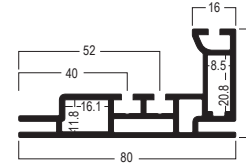


#### M 1935.01

aluminium

for single-sided illumination, without system groove, graphics with silicone edge M 1313

L 6000 × W 80 × H 40 mm | 9.575 kg



#### Square extrusion

4 system grooves  
L 5000 × W 80 × H 80 mm

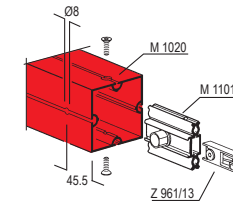
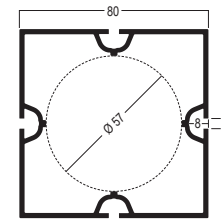


#### M 1020.01

aluminium

adaptors with tension lock M 1101 / M 1103, adaptors with safety tension lock M 1114 / M 1116 and adaptor for hinged end plates M 1281 can be mounted, with 4 system grooves

L 5000 × W 80 × H 80 mm | 11.514 kg



#### Corner upright

90°  
without W 2850

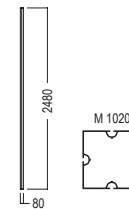


#### M 1053.01

aluminium

1 × extrusion made of M 1020, 80 mm square extrusion, without adjustable foot W 2850

L 80 × W 80 × H 2480 mm | 9.568 kg



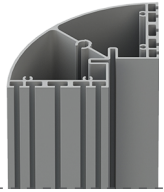
**Attention: without adjustable foot W 2850**

## Basic parts

### octalumina 80

#### Corner upright extrusion

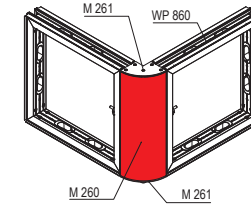
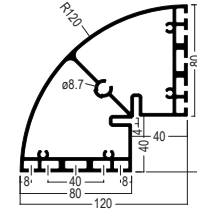
90° corner, round  
L 6000 × W 120 × H 120 mm



#### M 260.01 aluminium

for connecting extrusions with width 16, 40, 80, 120 mm, octawall pro or octawall 40 frames, fabric can be stretched over the extrusion

L 6000 × W 120 × H 120 mm | 25.5 kg



#### Fixing set

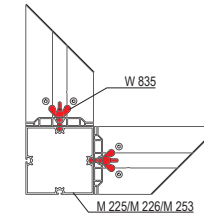
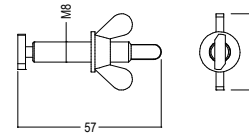
for octalumina frames  
L 57 × W 30 × H 30 mm



#### W 835.37 steel

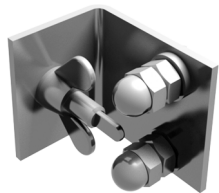
to connect 2 × octalumina frame with or without upright

L 57 × W 30 × H 30 mm | 0.033 kg



#### Internal connector

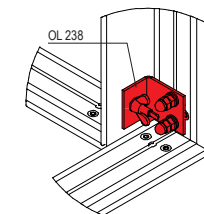
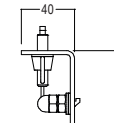
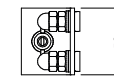
90°  
for octalumina 80 frames



#### OL 238.37 steel

for 90° connection of 2 octalumina 80 frames without corner upright, with 2 × hammehead screw M 1472 and 1× fixing set W 835

L 55 × W 40 × H 50 mm | 0.192 kg



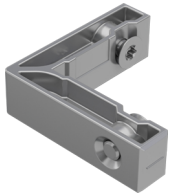
**Fabric has to be cut in the area of the connection**

## Basic parts

### octalumina 80

#### Corner connector

90°  
lock chamber 16 × 12 mm

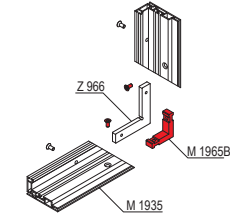
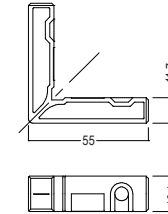


#### M 1965B.00

zinc die cast

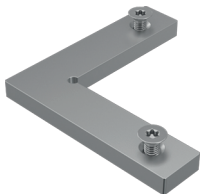
90°, for extrusions with 16 × 12 mm tension lock chamber, with 2 × E 111 countersunk screw and E 111/20

L 55 × W 55 × H 16 mm | 0.051 kg



#### Corner connector

90°  
lock chamber 21 × 12 mm

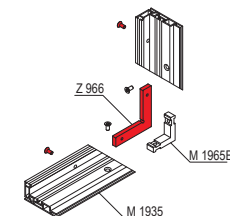
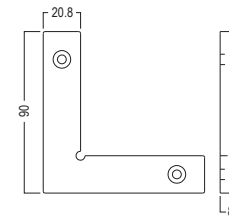


#### Z 966.00

aluminium

90°, for lock chamber 21 × 12 mm, with 2 × E 111 and E 111/20 countersunk screw

L 90 × W 90 × H 8 mm | 0.082 kg



#### Internal connector

straight  
for extrusions M 1925 / M 1935

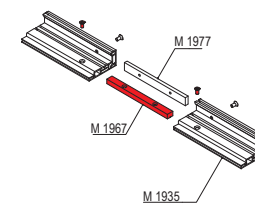
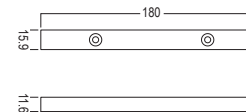


#### M 1967.00

aluminium

straight, for lateral connection of M 1925 and M 1935 frame profiles with 16 × 12 mm tension lock chamber, incl. 2 × E 111/m (M6) countersunk screw

L 180 × W 16 × H 12 mm | 0.094 kg



## Basic parts

### octalumina 80

#### Internal connector

straight  
for extrusions M 1935

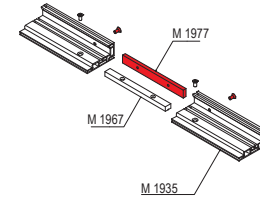
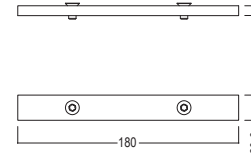


#### M 1977.00

aluminium

straight, for lateral connection of M 1935 frame profile with 21 × 8.5 mm tension lock chamber, incl. 2 × E 111/m (M6) countersunk screw

L 180 × W 21 × H 8 mm | 0.085 kg



#### Beam extrusion

2 system grooves  
L 5000 × W 40 × H 16 mm

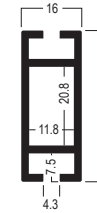


#### Z 4400.01

aluminium

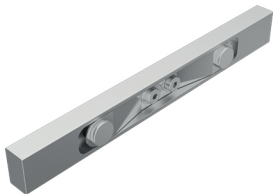
2 system grooves, tension lock Z 961/13 can be mounted, groove depth 7 mm

L 5000 × W 40 × H 16 mm | 3.2 kg



#### Internal connector

straight, toolless  
lock chamber 21 × 12 mm

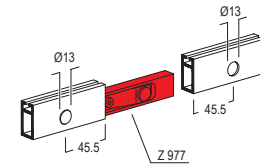
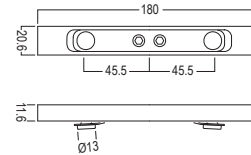


#### Z 977.90

aluminium

straight, toolless, for all beam extrusions with lock chamber 21 × 12 mm and hole 13 mm dia., with push button setting for assembly without tools

L 180 × W 21 × H 12 mm | 0.106 kg

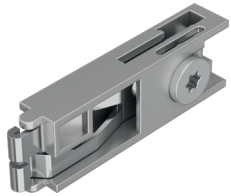


## Basic parts

### octalumina 80

#### Tension lock

13 mm  
L 70 × W 21 × H 13 mm

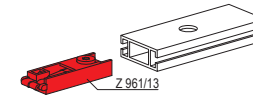
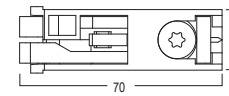
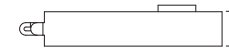


#### Z 961/13.00

zinc die cast/steel

13 mm, for all beam extrusions with lock chamber 21 × 12 mm as well as in conjunction with adaptor Z 161/A, for beam extrusions with lock chamber 39 × 12 mm

L 70 × W 21 × H 13 mm | 0.052 kg



# Accessories

## octalumina 80

### Adjustable foot

M10  
L 60 × W 60 × H 75 mm

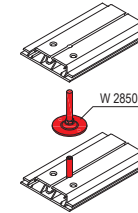
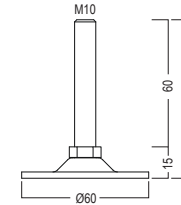


### W 2850.37

steel

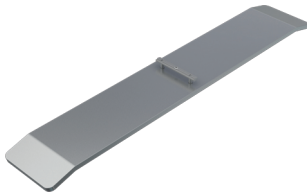
M10 thread, to adjust height of frames/extrusions from the top with hex-star T30

L 60 × W 60 × H 75 mm | 0.113 kg



### Base plate

for free standing walls  
L 600 × W 100 × H 20 mm

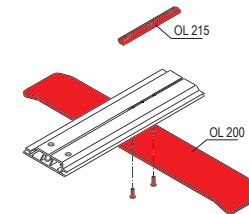
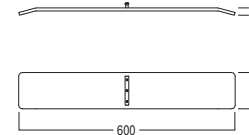


### OL 200.21

steel

for free standing walls, incl. 1 × slot nut OL 215 and mounting parts, max. frame height = 2500 mm

L 600 × W 100 × H 20 mm | 3.796 kg



**Attention: max. frame height = 2500 mm**

### Slot nut

without screw accessories  
for base plate OL 200

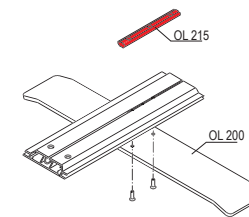
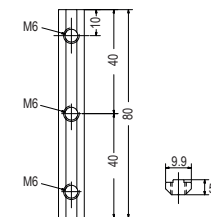


### OL 215.00

aluminium

for base plate OL 200, without screw accessories, 3 × M6 thread (-30/0/+30), matching screw accessories: 1 × M 1334/20 and 2 × M 1510/20

L 80 × W 10 × H 6 mm | 0.009 kg



## Accessories

### octalumina 80

#### End plate

for 80 mm extrusions  
for M 260

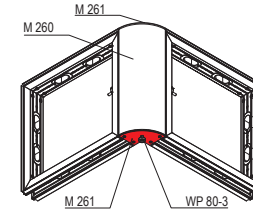
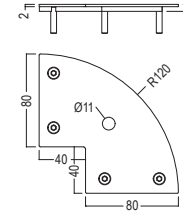


#### M 261.21

steel

for Quarter-round extrusion M 260 in connection with 80 mm extrusions, to create top and bottom horizontal fabric groove, with drilling 11 mm dia. for adjustable foot

L 120 × W 120 × H 6 mm | 0.335 kg



#### End cap

for drill hole 8 mm dia.  
L 13 × W 13 × H 12 mm

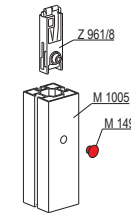


#### M 1491.35

plastic, light grey

to cover drill holes with 8 mm dia., similar to RAL 7035

L 13 × W 13 × H 12 mm |



#### Screw eye

opening 20 mm dia.  
for ceiling suspension

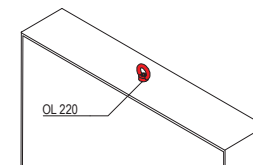
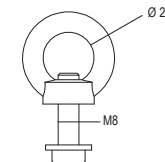


#### OL 220.37

steel

for vertical ceiling suspension, opening 20 mm dia., thread M8

L 36 × W 36 × H 25 mm | 0.063 kg



## Accessories

### octalumina 80

#### Universal retainer

ceiling suspension/wall mount  
for extrusions M 1915/M 1935

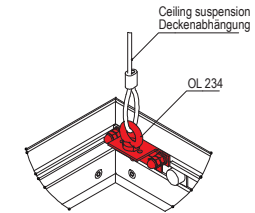
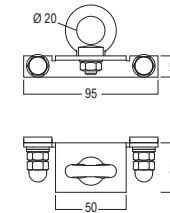


#### OL 234.37

steel

for single sided frames, for wall mounting and horizontal ceiling suspension, with eye bolt, can be used with M 1915 and M 1935

L 95 × W 35 × H 35 mm | 0.17 kg



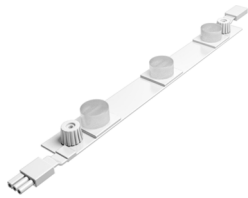
**i** after removing the eye bolt, can be used for wall mounting

## Electrical parts

### octalumina 80

#### LED module

3 LEDs  
768 lm / 6,48 W / 24 V

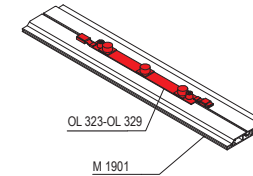
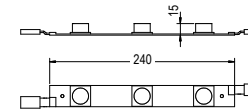


#### OL 323.90

plastic/aluminium

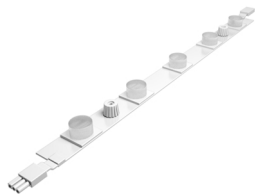
3 LEDs per unit, 6,48 W / 24 V, 6500 K, 768 lumen, with wiring for connecting to the power supply unit, incl. 2 × fixing set OL 252

L 240 × W 28 × H 15 mm | 0.058 kg



#### LED module

5 LEDs  
1280 lm / 10,8 W / 24 V

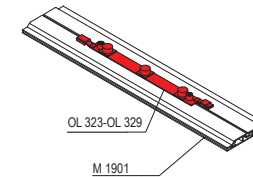
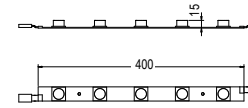


#### OL 325.90

plastic/aluminium

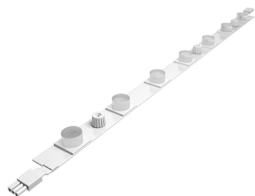
5 LEDs per unit, 10,80 W / 24 V, 6500 K, 1280 lumen, with wiring for connecting to the power supply unit, incl. 2 × fixing set OL 252

L 400 × W 28 × H 15 mm | 0.084 kg



#### LED module

7 LEDs  
1792 lm / 15,12 W / 24 V

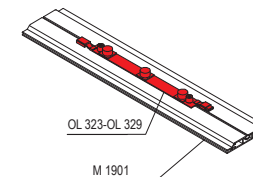
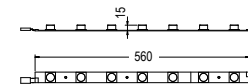


#### OL 327.90

aluminium/plastic

7 LEDs per unit, 15,12 W / 24 V, 6500 K, 1792 lumen, with wiring for connecting to the power supply unit, incl. 2 × fixing set OL 252

L 560 × W 28 × H 15 mm | 0.111 kg

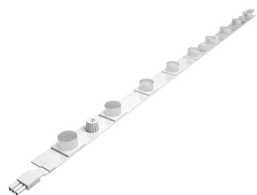


## Electrical parts

### octalumina 80

#### LED module

9 LEDs  
2300 lm / 19,52 W / 24 V

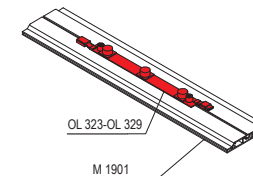
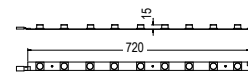


#### OL 329.90

aluminium/plastic

9 LEDs per unit, 19,52 W / 24 V, 6500 K, 2300 lumen, with wiring for connecting to the power supply unit, incl. 2 × fixing set OL 252

L 720 × W 28 × H 15 mm | 0.142 kg



#### PWM Dimmer

for OL 323-329, OL 501-504  
L 135 × W 30 × H 20 mm

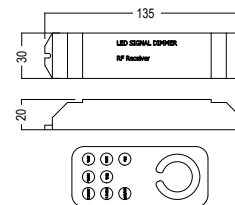


#### OL 182.90

plastic

1 × control unit and remote control for dimming of octanorm LED modules OL 323 - OL 329 and OL 501 - OL 504, Voltage AC 85 - 265 V, max. output current 10 A, max. output signal current 40 mA, output signal PWM 5 V Signal

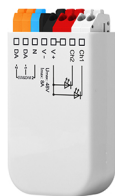
L 135 × W 30 × H 20 mm | 0.103 kg



**only in combination with OL 323-329, OL 501-504**

#### Dimmer

Dali LED  
for OL 323 - OL 329

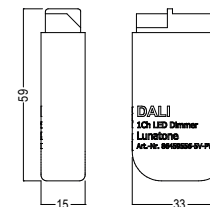


#### OL 183.90

plastic

Dali LED dimmer for octanorm LED modules OL 323 - OL 329, output can be controlled via DALI or SwitchDim2, input voltage from 12V to 48V DC, max. connection current 8A, PWM output (16Bit)

L 59 × W 33 × H 15 mm | 0.017 kg



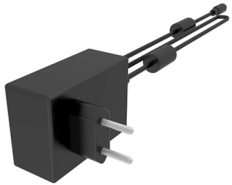
**only in combination with OL 323 - OL 329**

## Electrical parts

### octalumina 80

#### Power supply

**36 W  
for LEDs**

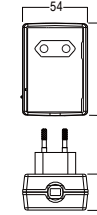


#### OL 191.90

**plastic, black**

for LEDs, input: 100-240 V AC, 50/60 Hz, 0.8 A, output: 24 V DC, 15 A, 36 W, cable length 1000 mm

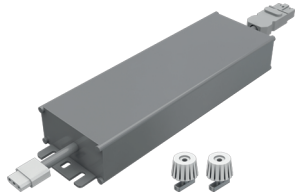
L 79 × W 54 × H 33 mm | 0.209 kg



**!** OL 149 necessary, max. load only up to 29 W recommended for long life soan of the LED power supply unit

#### Power supply

**60 W  
for LEDs**

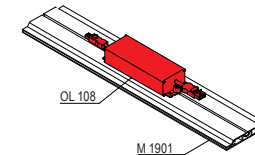
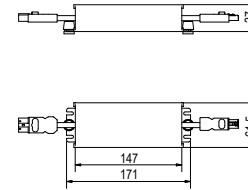


#### OL 108.90

**aluminium/plastic**

for LEDs, input: 100-240 V AC, 50/60 Hz, 0.64 A, Output: 24 V DC, 2,5 A, 60 W, plug connection at both ends, includes 2 × OL 252 mounting set

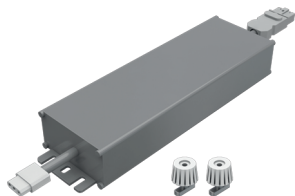
L 171 × W 62 × H 37 mm | 0.722 kg



**!** max. load only up to 48 W recommended for long life soan of the LED power supply unit

#### Power supply

**100 W  
for LEDs**

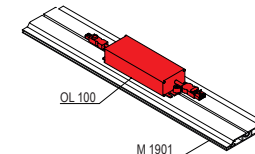
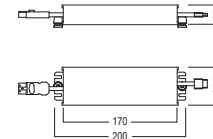


#### OL 100.90

**aluminium/plastic**

for LEDs, input: 100-240 V AC, 50/60 Hz, 1.1 A, output: 24 V DC, 4.16 A, 100 W, plug connection at both ends, includes 2 × OL 252 mounting set

L 200 × W 65 × H 39 mm | 0.921 kg



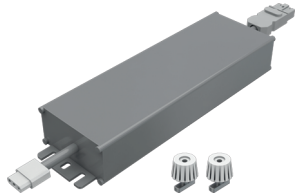
**!** max. load only up to 80 W recommended for long life soan of the LED power supply unit

## Electrical parts

### octalumina 80

#### Power supply

150 W  
for LEDs

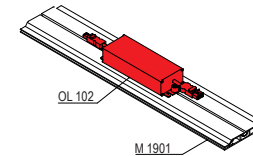
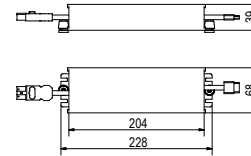


#### OL 102.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 1.7 A, output: 24 V DV, 6.3 A, 150 W, plug connection at both ends, includes 2 × OL 252 mounting set

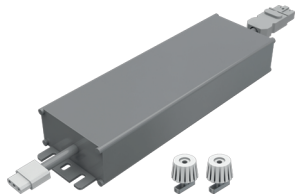
L 228 × W 68 × H 39 mm | 1.174 kg



**!** max. load only up to 120 W recommended for long life span of the LED power supply unit

#### Power supply

240 W  
for LEDs

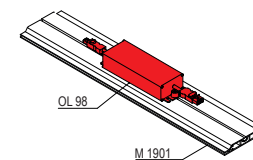
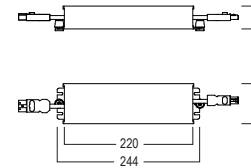


#### OL 98.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 4.0 A, output: 24 V DV, 10,0 A, 240 W, plug connection at both ends, includes 2 × OL 252 mounting set

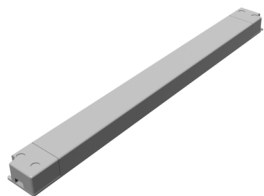
L 244 × W 68 × H 39 mm | 1.219 kg



**!** max. load only up to 192 W recommended for long life span of the LED power supply unit

#### Power supply

100 W (Slim Line)  
installation in frame

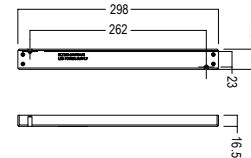


#### OL 104/1.90

plastic

for installation in octalumina 40/80/120 frames, Input: 200-240 V AC, 50/60 Hz, 0.95 A, Output: 24 V DC, 4,17 A, 100 W

L 298 × W 30 × H 16.5 mm | 0.221 kg

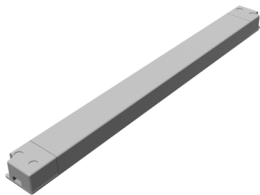


## Electrical parts

### octalumina 80

#### Power supply

**150 W (Slim Line)  
installation in frame**

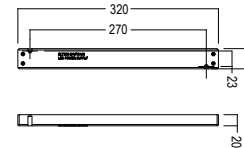


#### OL 106/1.90

plastic

for installation in octalumina 40/80/120 frames, input: 200-240 V AC, 50/60 Hz, 1.0 A, output: 24 V DC, 6.25 A, 150 W

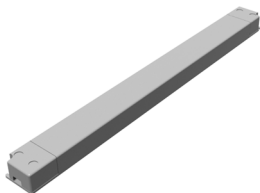
L 320 × W 30 × H 22 mm | 0.243 kg



**!** Only suitable for 230 volts! Not for USA and Canada!

#### Power supply

**200 W (Slim Line)  
installation in frame**

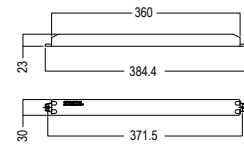


#### OL 206/1.90

plastic

for installation in octalumina 40/80/120 frames, input: 200-240 V AC, 50/60 Hz, 1.6 A, output: 24 V DC, 8.33 A, 200 W

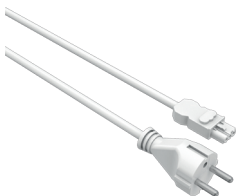
L 360 × W 30 × H 23 mm | 0.431 kg



**!** Only suitable for 230 volts! Not for USA and Canada!

#### Power cable

**for LED PSU  
2000 mm long**

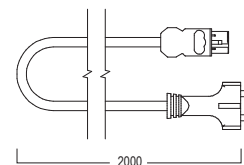


#### OL 122.90

plastic, white

Mains connection cable, socket - Schuko plug, 3 poles, rated voltage 250 V, rated current 16 A, cable type H05VV-F, conductor nominal cross-section 1.5 mm<sup>2</sup>

2000 mm long | 0.277 kg



**!** for PSU OL 98 / OL 100 / OL 102 / OL 108

## Electrical parts

### octalumina 80

#### Connecting cable

external, 24V  
1000 mm long

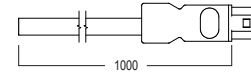


#### OL 139.30

plastic

for connecting a LED module to the power supply unit, if the distance between LED power supply and LED module is too big, incl. plug OL 148 on one side, 24 V/10 A

1000 mm long | 0.088 kg



**!** after cutting the cable to size the female plug OL 149 has to be mounted on the other side

#### Connecting cable

external, 24V  
3000 mm long

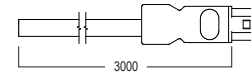


#### OL 140.30

plastic

for connecting a LED module to the power supply unit, if the distance between LED power supply and LED module is too big, incl. plug OL 148 on one side, 24 V/10 A

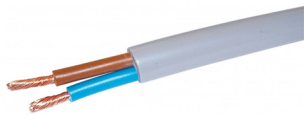
3000 mm long | 0.251 kg



**!** after cutting the cable to size the female plug OL 149 has to be mounted on the other side

#### Connecting cable

2-wire  
1000 mm long

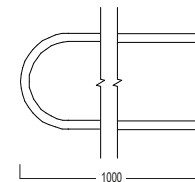


#### OL 359-1.90

plastic, white

2 wire cable (brown, blue), PVC hose cable white

1000 mm long | 0.057 kg



## Electrical parts

### octalumina 80

#### Extension cable

internal, 24 V  
300 mm long

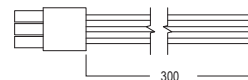


#### OL 131-1.90

plastic, white

24 V, for LED modules OL 3... and OL 5..., with plug for additional power source if series connection of LED modules exceeds 100 W, 24 V

300 mm long | 0.015 kg



**!** After adjusting the cable length, the plug OL 148 has to be attached on the other side

#### Extension cable

internal, 24 V  
500 mm long

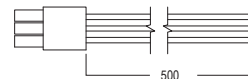


#### OL 133-1.90

plastic, white

24 V, for LED modules OL 3... and OL 5..., with plug for additional power source if series connection of LED modules exceeds 100 W, 24 V

500 mm long | 0.017 kg



**!** After adjusting the cable length, the plug OL 148 has to be attached on the other side

#### Extension cable

internal, 24 V  
1000 mm long

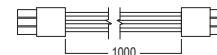


#### OL 135-1.90

plastic, white

24 V, for LED modules OL 3... and OL 5..., with plug for additional power source if series connection of LED modules exceeds 100 W, 24 V

1000 mm long | 0.038 kg



**!** After adjusting the cable length, the plug OL 148 has to be attached on the other side

## Electrical parts

### octalumina 80

#### Extension cable

internal, 24 V  
3000 mm long

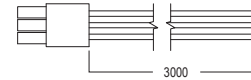


#### OL 137-1.90

plastic, white

24 V, for LED modules OL 3... and OL 5..., with plug for additional power source if series connection of LED modules exceeds 100 W, 24 V

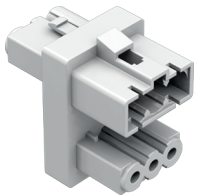
3000 mm long | 0.11 kg



**!** After adjusting the cable length, the plug OL 148 has to be attached on the other side

#### Distributor block

250 V/16 A  
for 2 x PSU

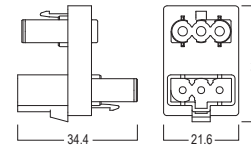


#### OL 142.90

plastic, white

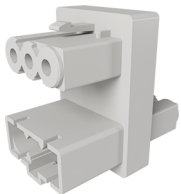
for connecting two power supply units OL 100 and/or OL 102 to the 2 m long power cable OL 122, 1 input / 2 output, 3 poles, 250 V/16 A

L 32 x W 22 x H 35 mm | 0.014 kg



#### Distributor block

250 V/16 A  
for 3 x PSU

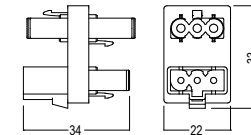


#### DL 142.90

plastic, white

for connecting 3 power supply units to 2 m power cable OL 122, 1 input / 3 output, 3 poles, 250 V/16 A

L 36 x W 22 x H 33 mm | 0.016 kg



## Electrical parts

### octalumina 80

#### Distributor block

24V / 16A  
for 2 x LED module

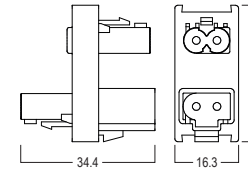


#### OL 150.30

plastic

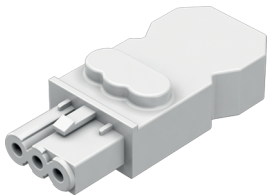
to be used in combination with OL 123 / OL 125 / OL 127 / OL 129, 2 poles, 1 input / 2 output, 24V / 16A

L 35 × W 34 × H 16 mm | 0.006 kg



#### Female connector

250V / 16A  
for DIY assembly

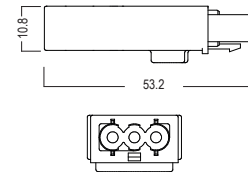


#### OL 144.30

plastic, white

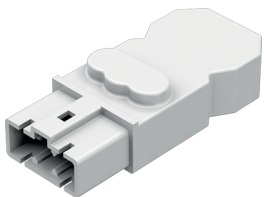
for DIY assembly, 3 pole, with strain relief, use with power cable OL 122, 250V / 16A

L 53 × W 23 × H 14 mm | 0.008 kg



#### Male plug

250V / 16A  
for DIY assembly

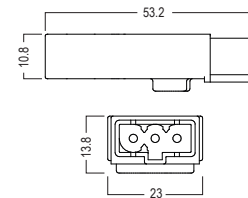


#### OL 146.30

plastic, white

for DIY assembly of OL 98 / OL 100 / OL 102 / OL 104 / OL 106 / OL 108 PSUs, 3-pole, with strain relief, 250V / 16A

L 53 × W 23 × H 14 mm | 0.025 kg

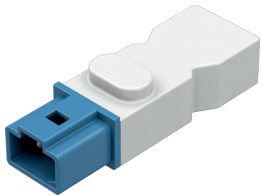


## Electrical parts

### octalumina 80

#### Male plug

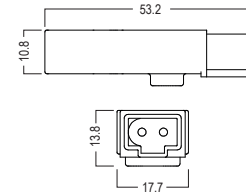
24V / 16A  
for DIY assembly



#### OL 148.90

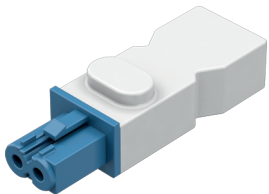
plastic

for DIY assembly of 24 V OL 135-1 / OL 137-1 connection cable,  
2-pole, with strain relief, 24V / 16A  
L 53 × W 18 × H 14 mm | 0.008 kg



#### Female connector

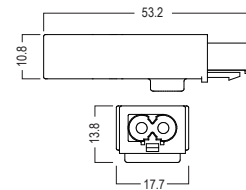
24V / 16A  
for DIY assembly



#### OL 149.90

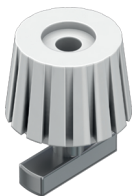
plastic

for DIY assembly of OL 98 / OL 100 / OL 102 / OL 104 / OL 106 / OL  
108 power supply units, or 24 V OL 139 / OL 140 connection cable,  
2-pole, with strain relief, 24V / 16A  
L 53 × W 18 × H 14 mm | 0.008 kg



#### Fixing set

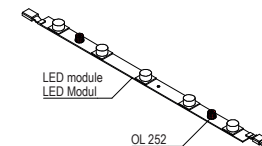
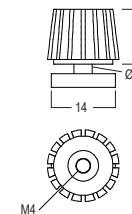
for LEDs / PSU  
L 14 × W 14 × H 12 mm



#### OL 252.90

steel/plastic

for mounting OL 123 / OL 125 / OL 127 / OL 129 LED modules and  
OL 98 / OL 102 / OL 108 power supply units on frame extrusion  
L 14 × W 14 × H 12 mm | 0.004 kg

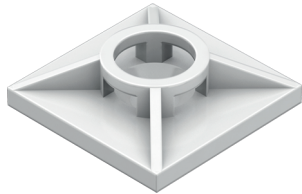


## Electrical parts

### octalumina 80

#### Adhesive base

100 pcs  
for cable ties OL 255

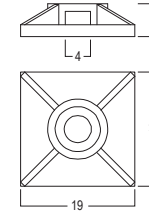


#### OL 254.90

plastic, white

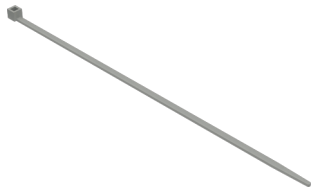
for wire management with wire ties OL 255 (not included), max. width wire ties 4 mm, packaging unit 100 pcs.

L 19 × W 19 × H 5 mm | 0.071 kg



#### Cable tie

100 pcs  
L 155 × W 2.5 mm

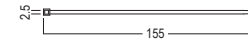


#### OL 255.90

plastic, white

for wire management with fixing set for cable ties, packaging unit 100 pcs

L 155 × W 2.5 mm | 0.051 kg

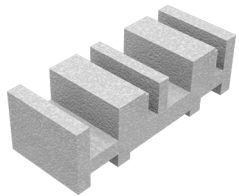


## ↗ Packaging/Transport

### octalumina 80

#### Foam inlay

for M 1935  
L 250 × W 75 × H 105 mm

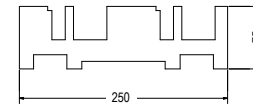


#### OL 996.90

##### foam

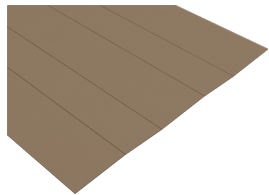
for safe transportation of M 1935 frame profiles with mounted LED modules

L 250 × W 75 × H 105 mm | 0.043 kg



#### Cardboard

for M 1935  
L 1134 × W 1075 × H 6.5 mm

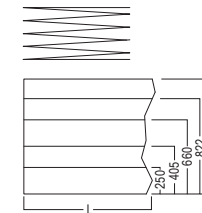


#### OL 997.90

##### cardboard

for packaging of octalumina 80 frames, fits 4 M 1935 frame profiles fitted with LED modules when using OL 996 moulded foam parts, 320 mm/palet, with embossing for easy folding, weight per palet: 276.00 kg

L 1134 × W 1075 × H 6.5 mm | 0.781 kg



**1** length has to be cut to frame parts

# Products

## octalumina 80

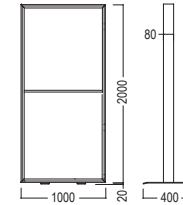
### Light frame lite with base plates



### OL 820T.01 aluminium

1 x freestanding frame for double sided back-lit graphic, for toolless assembly, vertically 1x divided, LED modules mounted, luminous color: 6500K, luminous flux: 9600 lm, wattage: 40 W, incl. 2 m cable with Schuko plug and power supply, incl. 2 x swiveling base plate, incl. padded transport bag with castors, frames are delivered disassembled, without fabric/graphic

W 1000 x H 2000 x D 80 mm | 10.7 kg



**i** without fabric/graphics (fabric dimensions = outer frame dimensions)

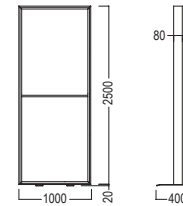
### Light frame with base plates W 1000 x H 2000 x D 80 mm



### OL 825T.01 aluminium

1 x freestanding frame for double sided back-lit graphic, for toolless assembly, vertically 2 x divided, LED modules mounted, luminous color: 6500 K, luminous flux: 9600 lm, wattage: 40 W, incl. 2 m cable with Schuko plug and power supply, incl. 2 x swiveling base plate and 2 x adaptor for extension to H 2500 mm, incl. padded transport bag with castors, frames are delivered disassembled, without fabric/graphic

W 1000 x H 2000 x D 80 mm | 11.7 kg



**i** without fabric/graphics (fabric dimensions = outer frame dimensions)

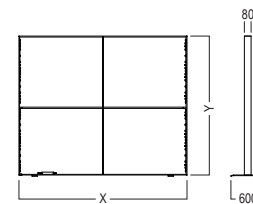
### Light frame with base plates 80 mm, custom size



### OL 890 E.01 aluminium

1 x free standing frame element for single sided back-lit graphics, with LED modules and LED power supply unit mounted, incl. 2 m cable with plug and base plates

80 mm, custom size |



**i** without fabric/graphics (fabric dimensions = outer frame dimensions)

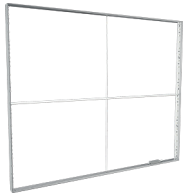
**i** custom size: please advise dimensions when placing the order

# Products

## octalumina 80

### Light frame

without base plates  
80 mm, custom size

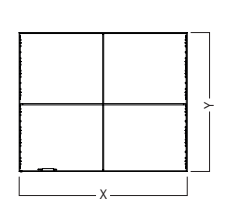


### OL 891 E.01

aluminium

1 x frame element for single sided back-lit graphics, with LED modules and LED power supply unit mounted, incl. 2 m cable with plug, without base plates

80 mm, custom size |



**i** without fabric/graphics (fabric dimensions = outer frame dimensions)

**i** custom size: please advise dimensions when placing the order

### Light frame

vertically suspended  
80 mm, custom size

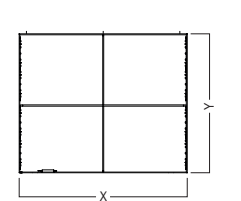


### OL 892 E.01

aluminium

1 x frame element for single sided back-lit graphics, for vertical ceiling suspension, LED modules and LED power supply unit mounted, incl. 2 m cable and eyebolts OL 220 (number according to frame size)

80 mm, custom size |

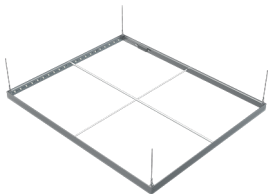


**i** without fabric/graphics (fabric dimensions = outer frame dimensions)

**i** custom size: please advise dimensions when placing the order

### Light frame

horizontally suspended  
80 mm, custom size

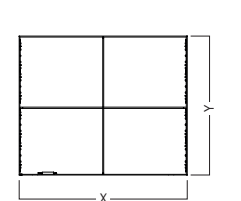


### OL 893 E.01

aluminium

1 x frame element for single sided back-lit graphics, for horizontal ceiling suspension or wall mounting, LED modules and LED power supply unit mounted, incl. 2 m cable and universal retainers OL 230 (number according to frame size)

80 mm, custom size |



**i** without fabric/graphics (fabric dimensions = outer frame dimensions)

**i** custom size: please advise dimensions when placing the order

# Products

## octalumina 80

### Counter

80 mm, illuminated  
B1

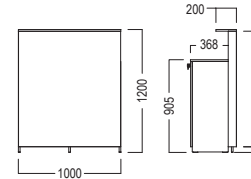


### OL C500.90

aluminium, white(RAL 9010)

with lockable wing doors, incl. 1 x shelf, octalumina 80 (single-sided) front frame, pre-assembled LED modules and PSU, space-saving foldable side panels, easy assembly, with fabric, Fire rating B1, outer frame dimensions: W 1000 x H 1129 mm

W 1000 x H 1200 x D 448 mm | 42.5 kg

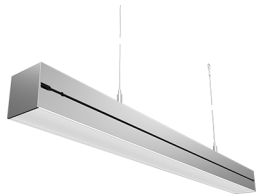


without  
fabric/graphics

fabric dimensions =  
outer frame  
dimensions

### Pendant light

1 illuminated side  
L 1000 x W 80 x H 80 mm

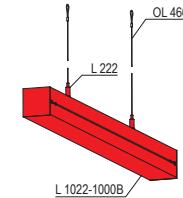
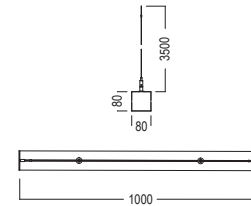


### OL 3100.01 | .03

aluminium

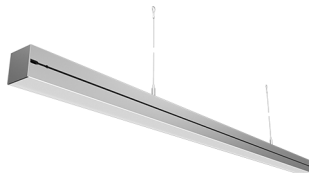
Set consisting of: 1 x upright L 1022-1000B, 1 x power cable L 204, 1 x RGB remote control L 185-2, 2 x steel rope 1,5 x 3.500 mm OL 466, 2 x wire rope retainer set L 222

L 1000 x W 80 x H 80 mm | 4.106 kg



### Pendant light

1 illuminated side  
L 2000 x W 80 x H 80 mm

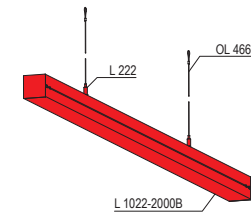
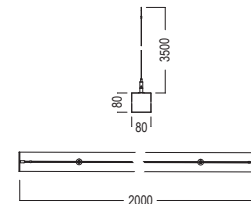


### OL 3200.01 | .03

aluminium

Set consisting of: 1 x upright L 1022-2000B, 1 x power cable L 204, 1 x RGB remote control L 185-2, 2 x steel rope 1,5 x 3.500 mm OL 466, 2 x wire rope retainer set L 222

L 2000 x W 80 x H 80 mm | 6.933 kg

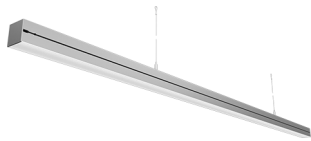


## Products

### octalumina 80

#### Pendant light

1 illuminated side  
L 3000 x W 80 x H 80 mm

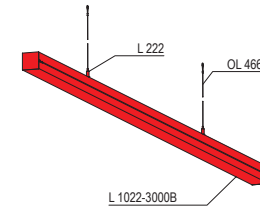
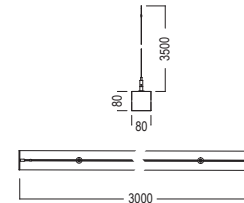


#### OL 3300.01 | .03

aluminium

Set consisting of: 1 x upright L 1022-3000B, 1 x power cable L 204, 1 x RGB remote control L 185-2, 2 x steel rope 1,5 x 3.500 mm OL 466, 2 x wire rope retainer set L 222

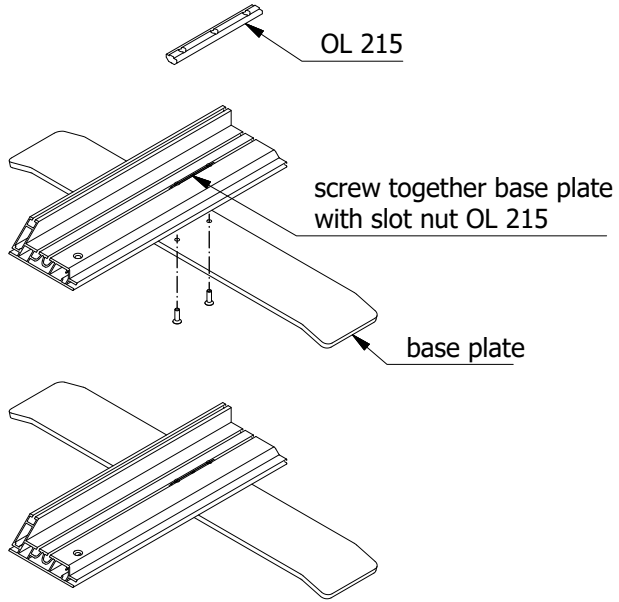
L 3000 x W 80 x H 80 mm | 9.882 kg



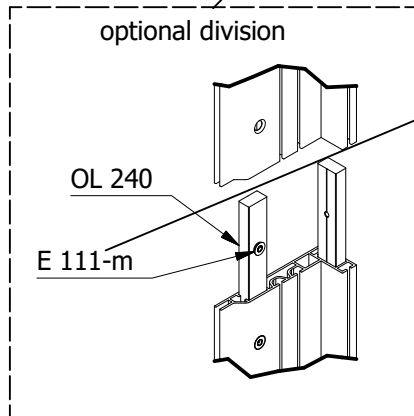
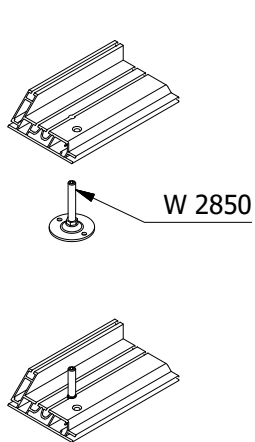
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octalumina 80 and 120 single-sided assembly instruction	
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➤ TI-OL C800-1	56
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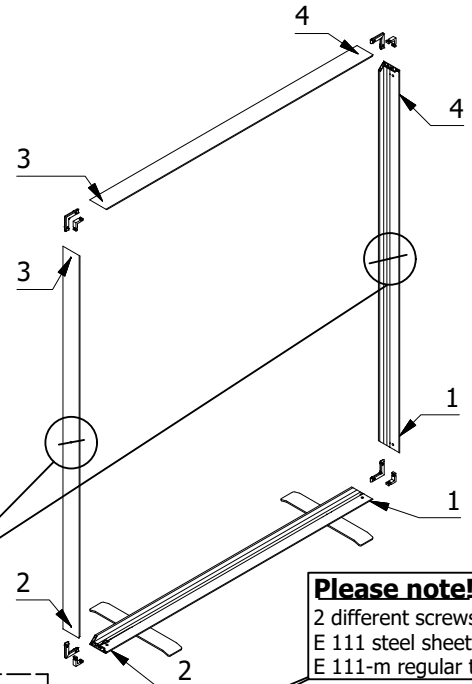
1. Mounting base plate OL 200



1a. Alternative: Mounting adjustable foot W 2850



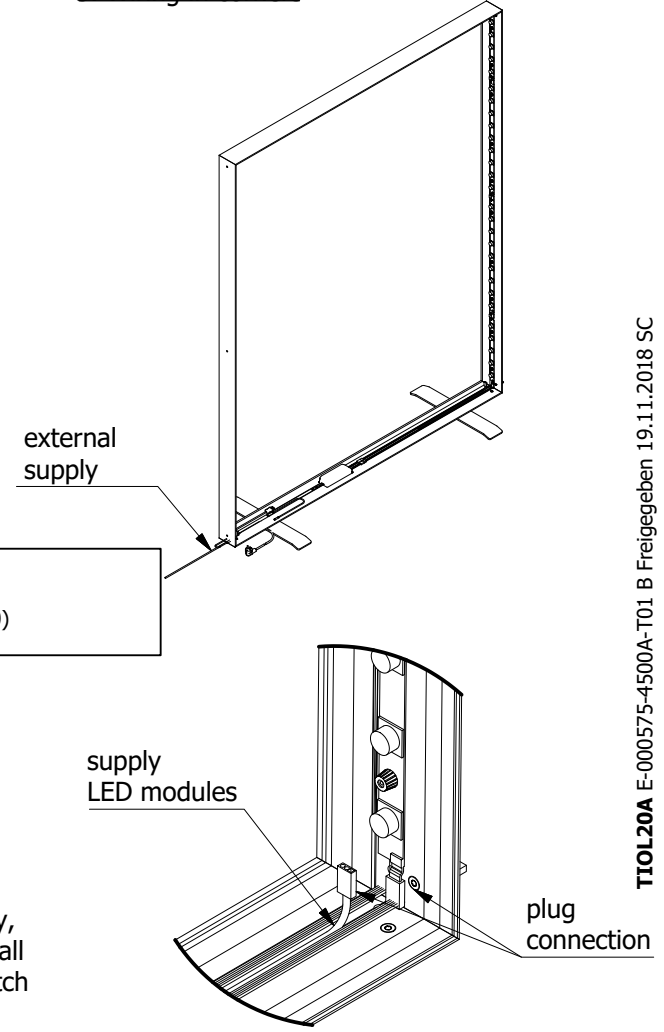
2. Mounting frame parts



**Please note!**  
2 different screws are used.  
E 111 steel sheet thread (DIN 7970)  
E 111-m regular thread (DIN 7991)

During assembly, make sure that all frame parts match (markings)

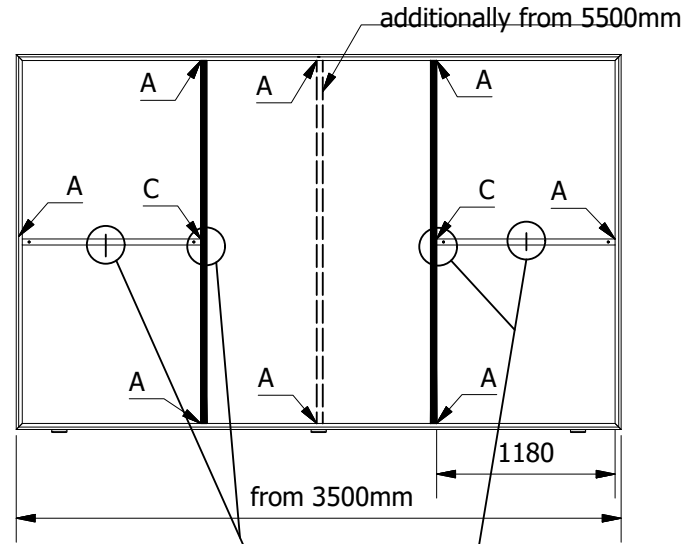
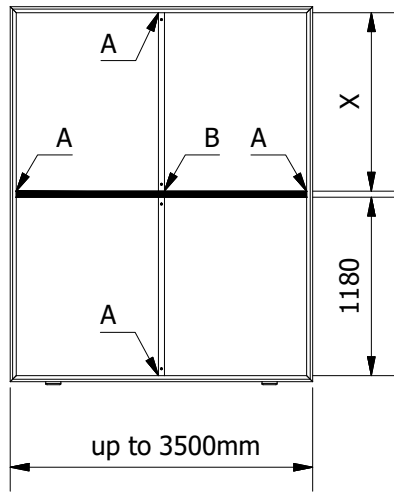
3. Wiring in corners



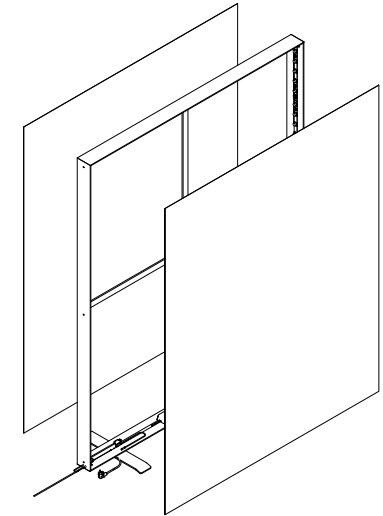
**Run function test of LEDs!**

TIOL20A E-000575-4500A-T01 B Freigegeben 19.11.2018 SC

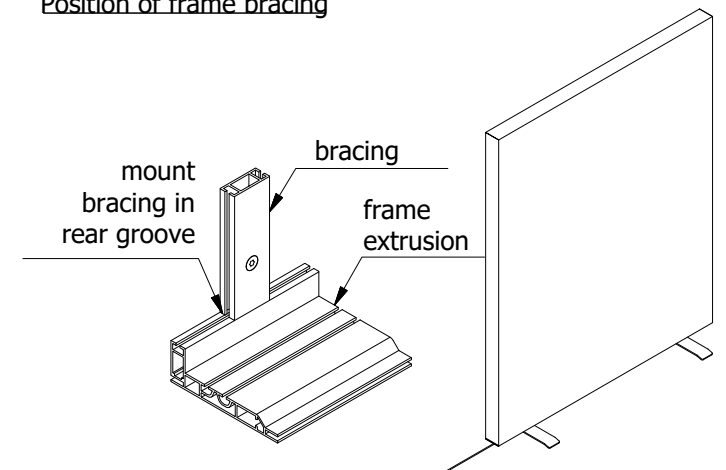
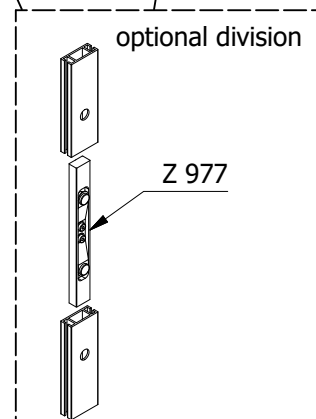
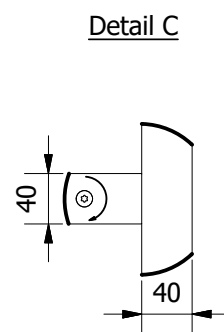
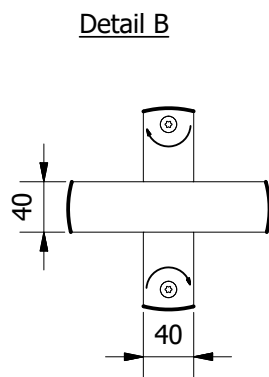
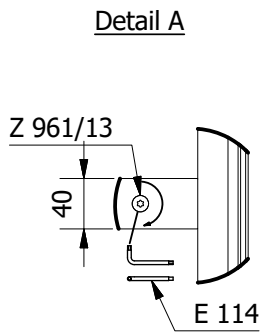
4. Mounting bracing



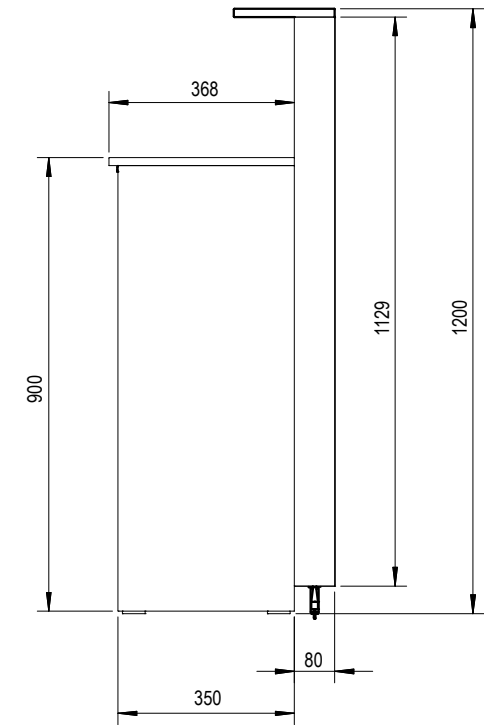
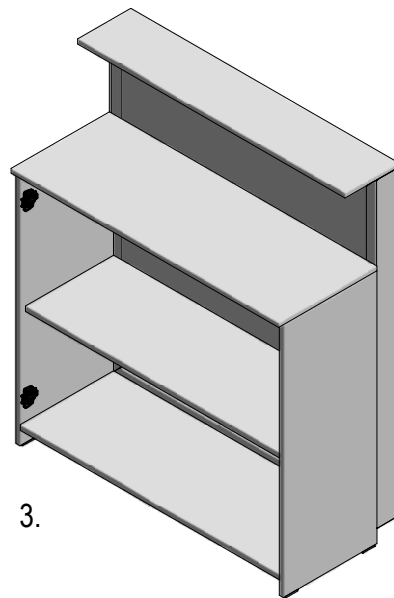
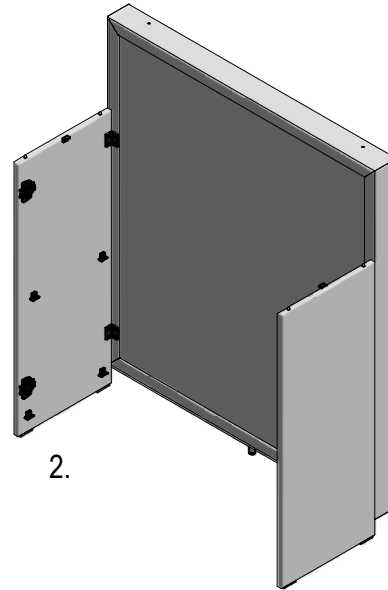
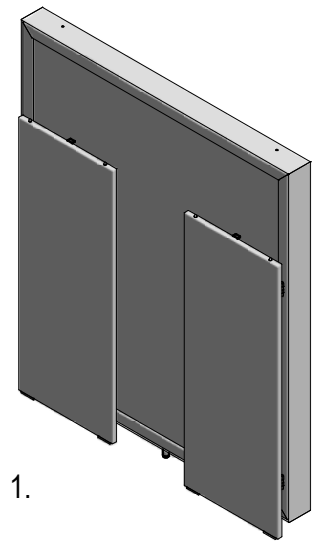
5. Mounting fabric infill

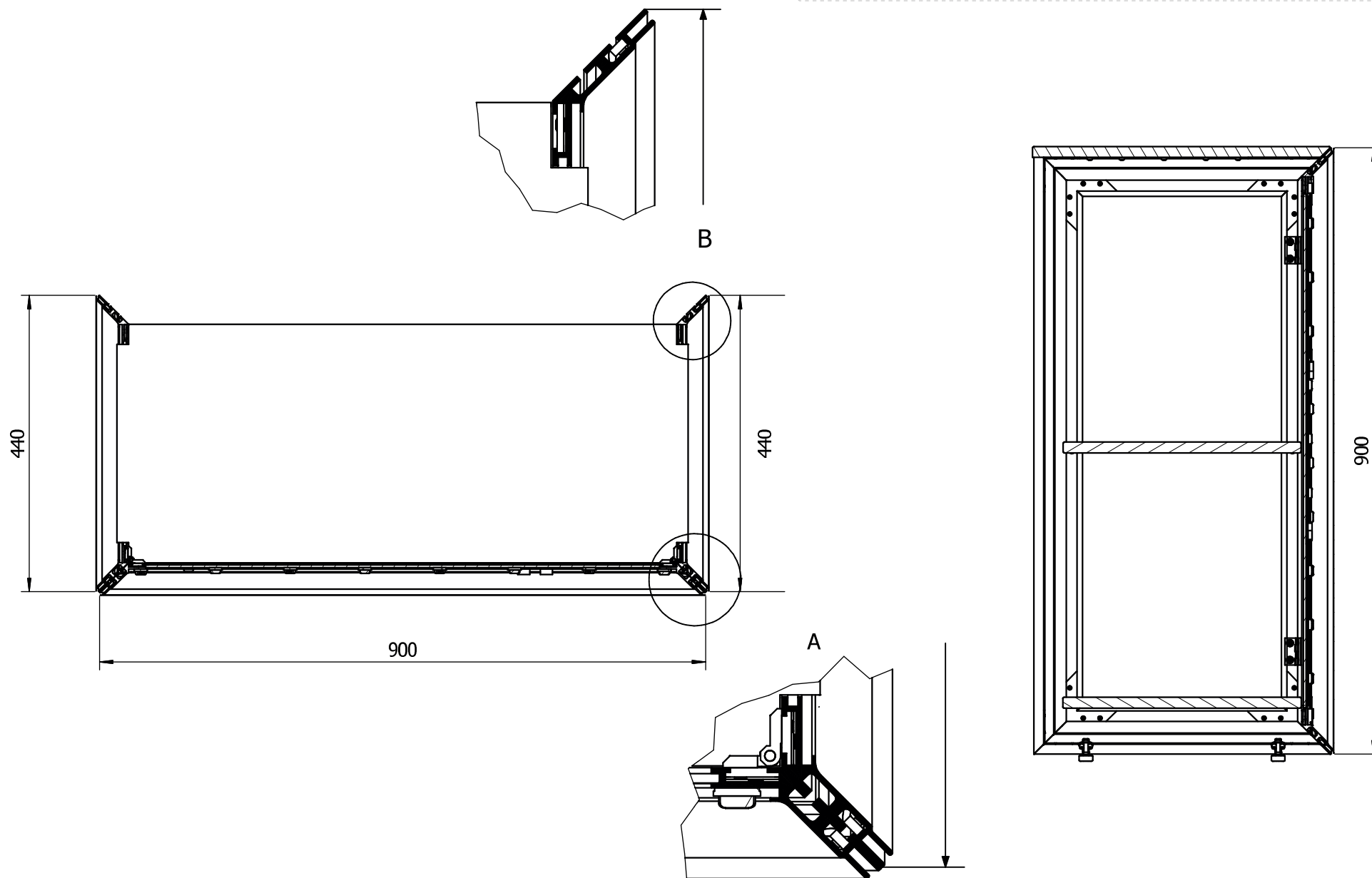


Position of frame bracing

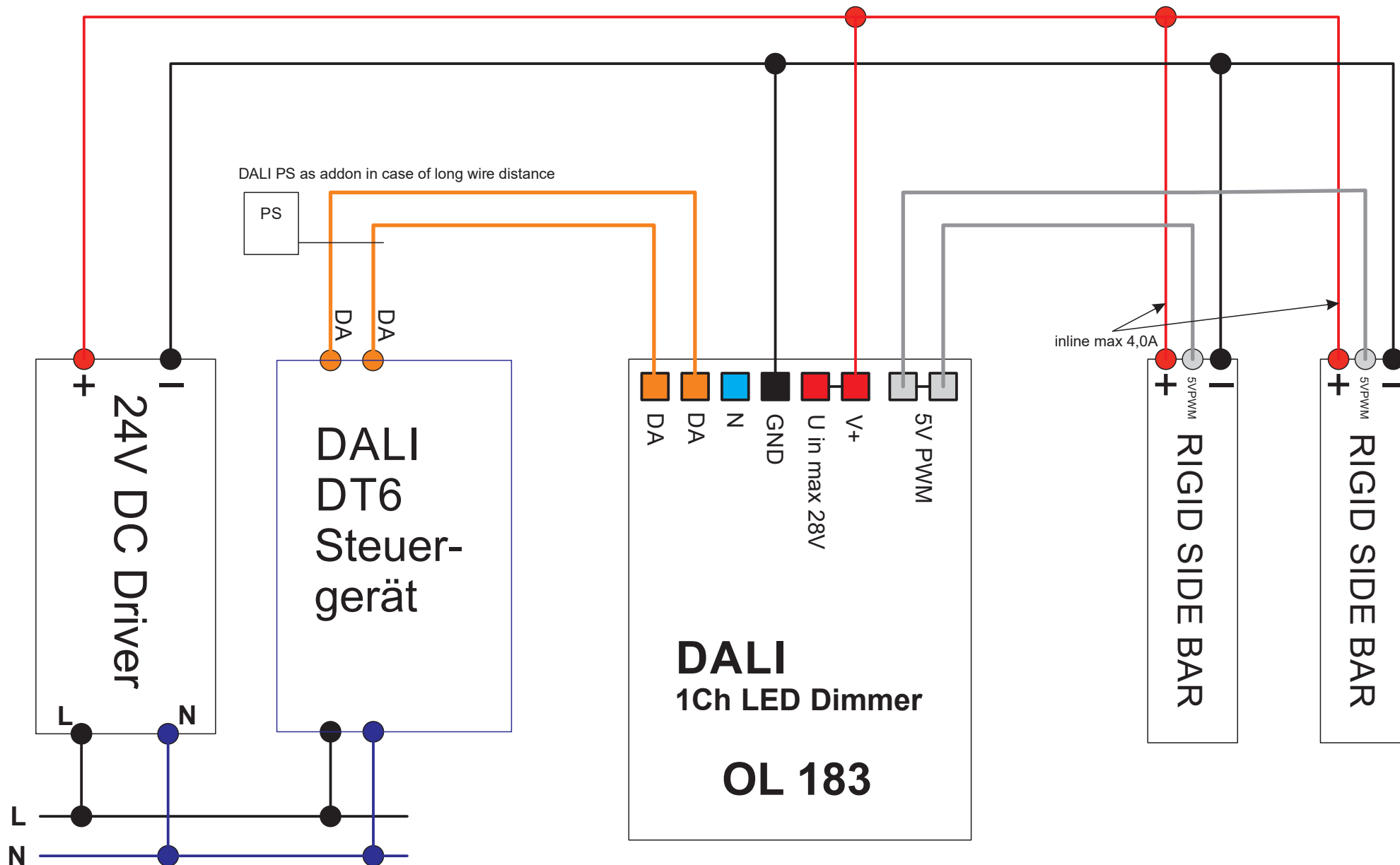


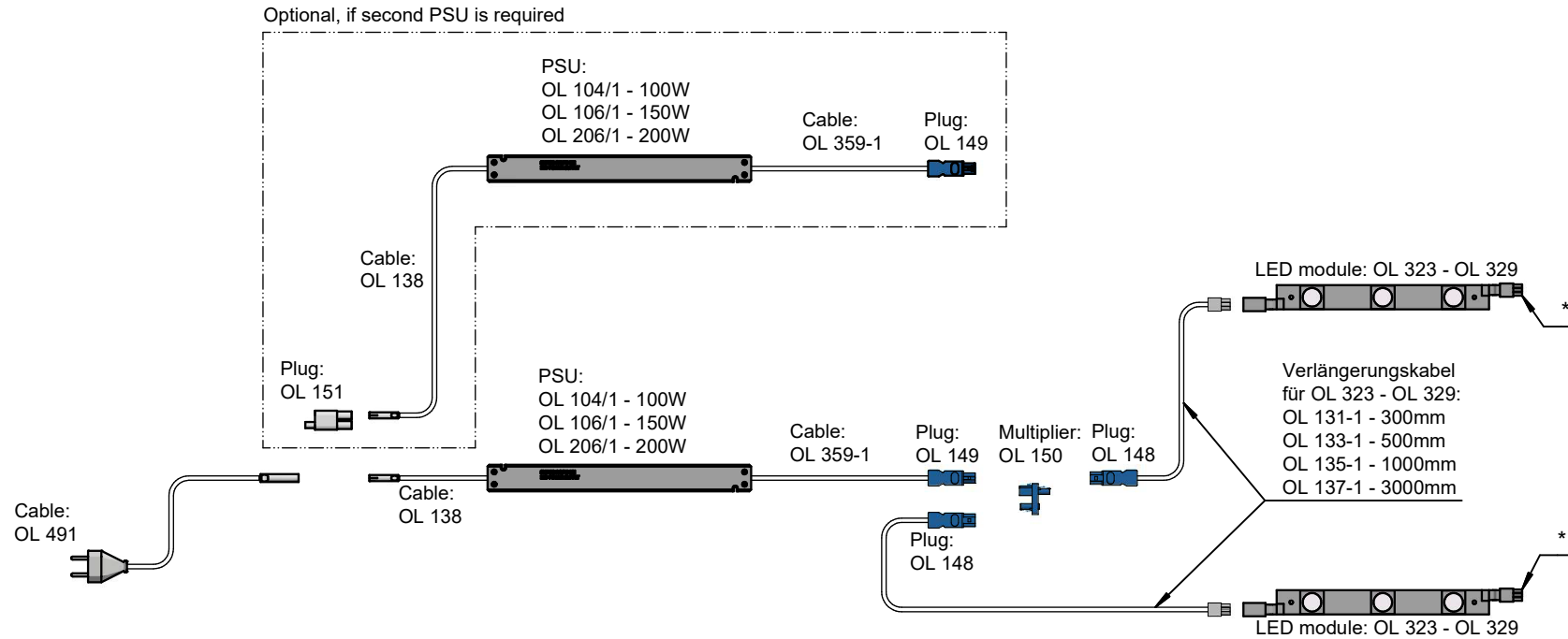
TI0120A E-000575-4500A-T02 B Freigegeben 19.11.2018 SC





TIOL C800-1 E-000455-3620A-T01A





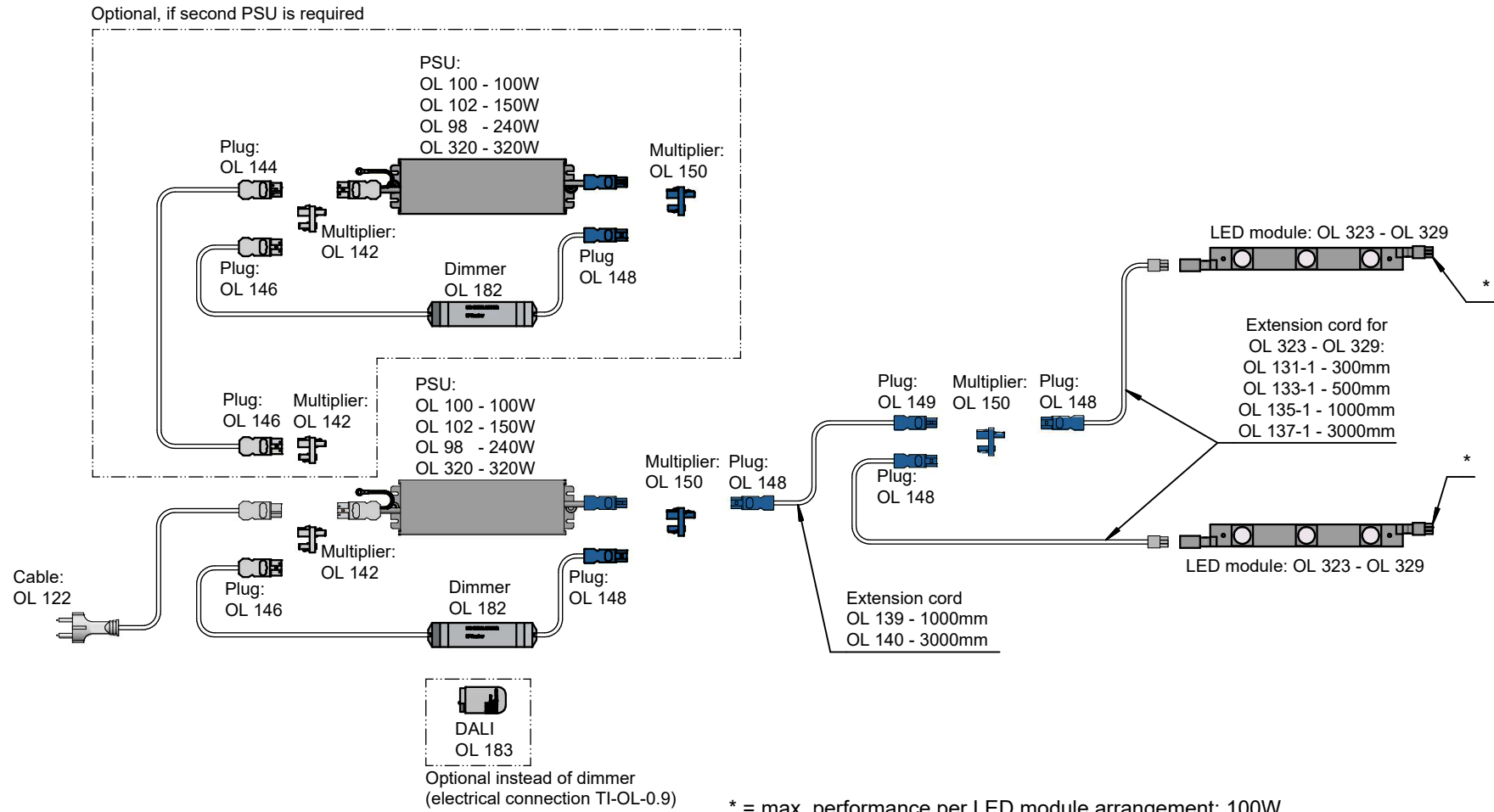
\* = max. performance per LED module arrangement: 100W

if the performance exceeds 100W, an additional infeed is necessary using extension cord OL 131-1 to OL 137-1 or OL 113-300 to OL 113-3000 (depends on type of LED module)

For longer life expectancy, we recommend to only use 80% of the PSU's maximum capacity.

one Dimmer for each PSU OL 182 (Manual Dimmer TI-OL-0.7)

performance per LED module:  
OL 323: 6,5W  
OL 325: 10,3W  
OL 327: 13,9W  
OL 329: 18,7W



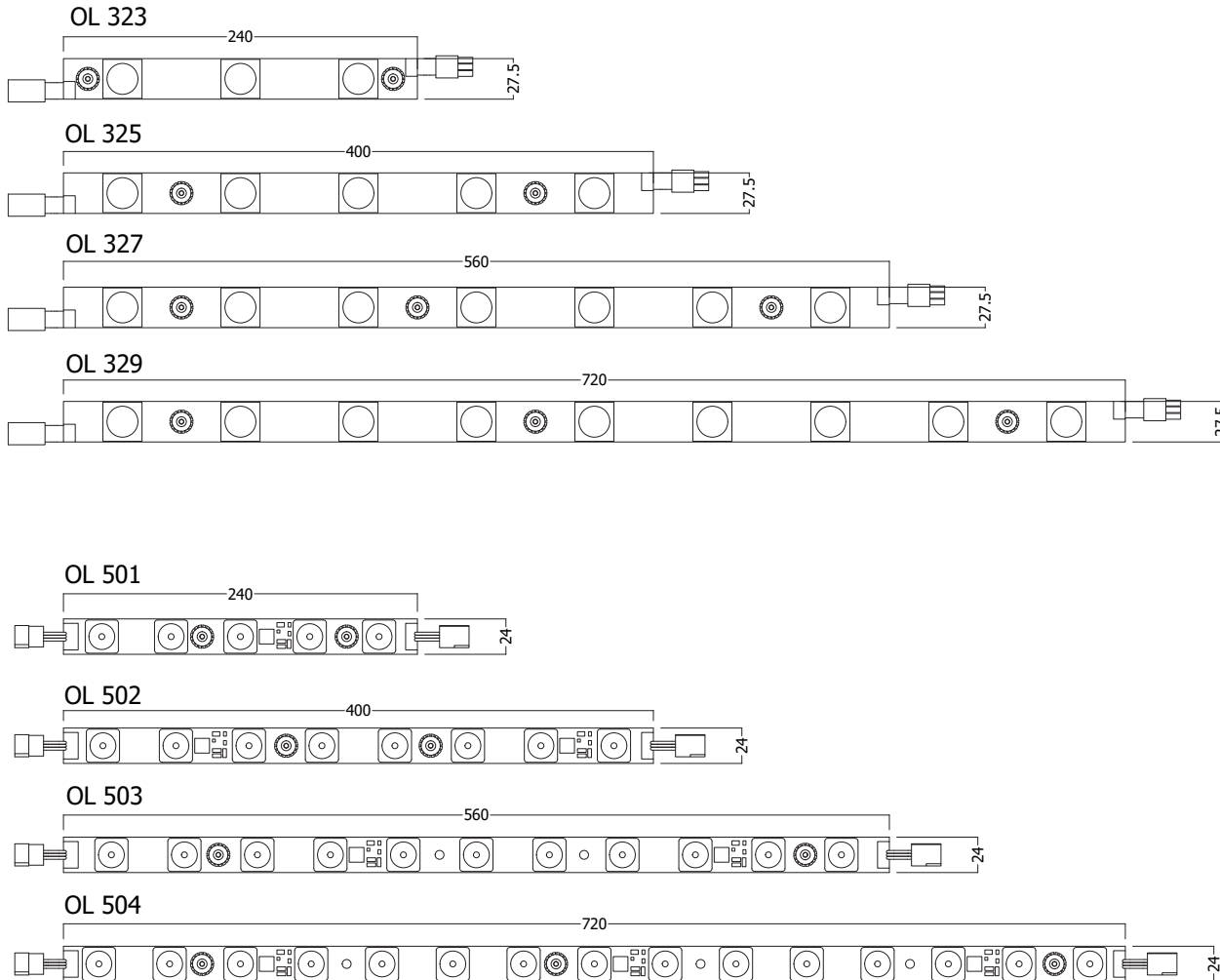
For longer life expectancy, we recommend to only use 80% of the PSU's maximum capacity.

pro Netzteil ein Dimmer OL 182 (Anschlussplan siehe TI-OL-0.7)

if the performance exceeds 100W, an additional infeed is necessary using extension cord OL 131-1 to OL 137-1 or OL 113-300 to OL 113-3000 (depends on type of LED module)

performance per LED module:  
OL 323: 6,5W  
OL 325: 10,3W  
OL 327: 13,9W  
OL 329: 18,7W

Valid from 01.07.2019



### Technical data

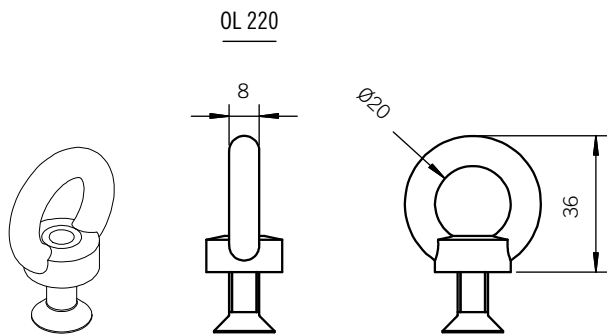
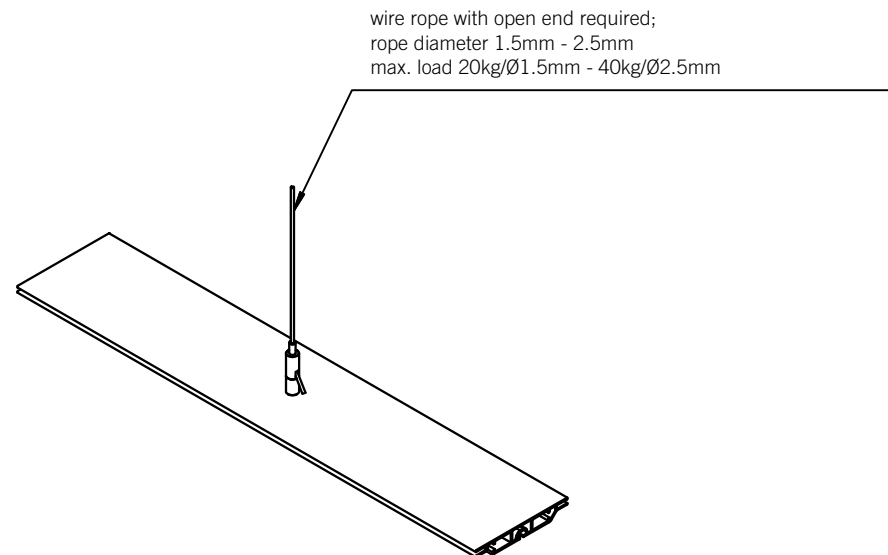
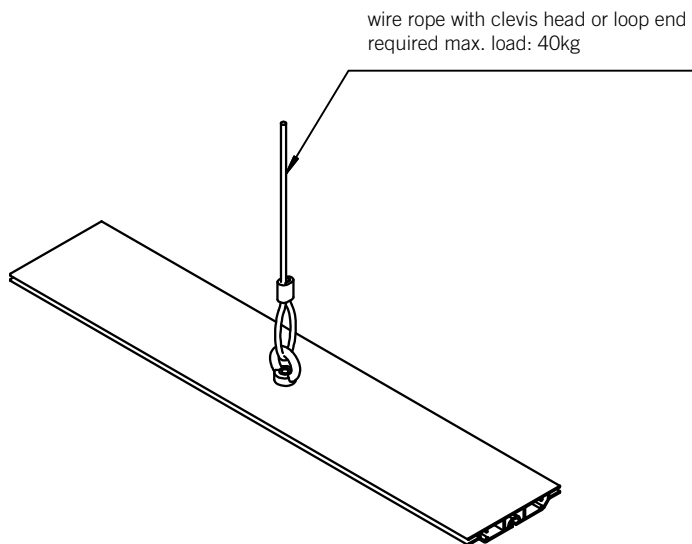
- OL 323 = 6,5 W / 750 LM
- OL 325 = 10,8 W / 1250 LM
- OL 327 = 15,12 W / 1750 LM
- OL 329 = 19,52 W / 2250 LM

- voltage : 24 V
- colour temp.: 6500 K
- plug/socket mounted
- up to frame size 3 m

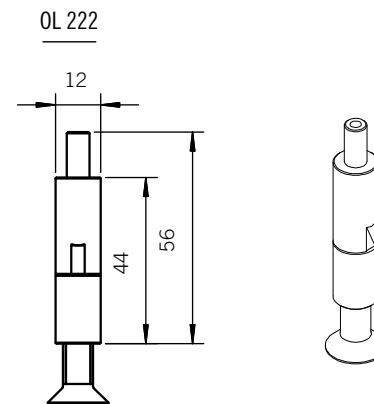
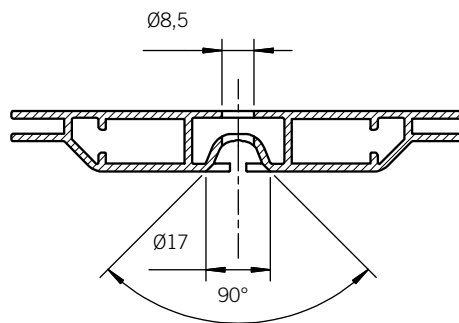
- OL 501 = 15,95 W / 1554 LM
- OL 502 = 26,40 W / 2552 LM
- OL 503 = 35,80 W / 3540 LM
- OL 504 = 48,60 W / 4604 LM

- voltage : 24 V
- colour temp.: 6000-6500K
- plug/socket mounted
- max. distance 18 mm
- use only with extrusions M 1915 and U 1060!
- up to frame size 5 m

TIOL13B E-000575-2611A-000



extrusion processing for OL 220 and OL 222



## 1. Description:

This LED signal dimmer has AC 85–265 V input/output and generates 0–5 V analog signals. With our T1 wireless remote you can control the LED lamps by radio and adjust the signals. Easy to install and comfortable to use, the dimmer comes with a clear and modern design.



## 2. Specifications

### Dimmer R1 PWM 5V

- Input Voltage: AC 85–265 V
- Output Voltage: AC 85–265 V
- Max. Output Current: 10 A
- Max. Output Signal Current: 40 mA
- Output Signal: PWM 5V Signal
- Working Temp.: -30°C–55°C
- Dimensions: L 135 × W 30 × H 20 mm
- Weight: 48 g

### Remote Control T1 wireless

- Working Voltage: 3 V (CR2032)
- Working Frequency: 433.92 MHz
- Remote Distance: 40–50 m
- Working Temp.: -20°C–55°C
- Dimensions: L 106 × W 56 × H 9 mm
- Weight: 40 g

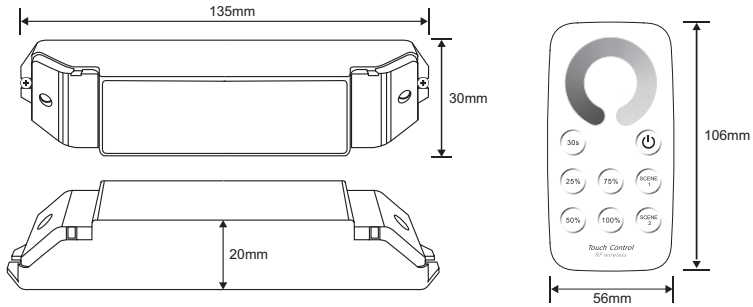
## 3. Basic Features

- The receiver automatically adapts to AC 85–265 V working voltage.
- The receiver has an AC input, isolation power supply and dimming function.
- The radio signal of the RF remote control is very strong, independent of direction and/or obstacles.
- Simple, modern design, easy handling.
- 25%, 50%, 75%, 100% – 4 brightness shortcuts and 2 DIY modes for fast dimming.
- Memory function in case of power failure.

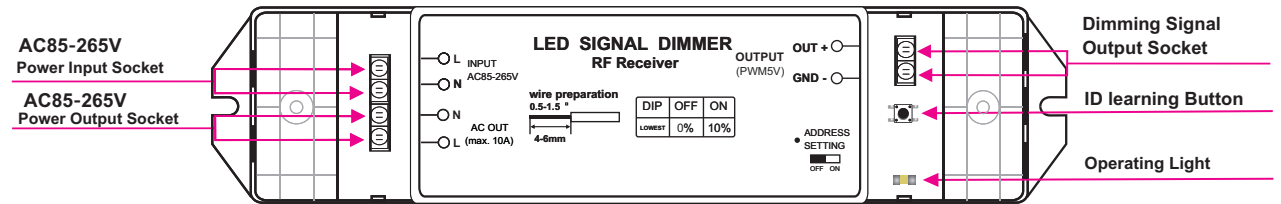
## 4. Safety Warnings

- To ensure proper use and safety, please read this manual carefully before installation.
- Do not use the controller in areas of intense magnetic and high voltage fields.
- To minimize the risk of short circuit damage or fire to the components, please ensure a proper connection.
- Only install the unit in a well ventilated and appropriately tempered environment.
- Only connect the cables when the device is switched off; check the device for correct connection or short circuit before putting it into operation.
- If problems occur, do not open the controller and do not operate it any more!
- This manual is for this model only and may be updated without prior notice.

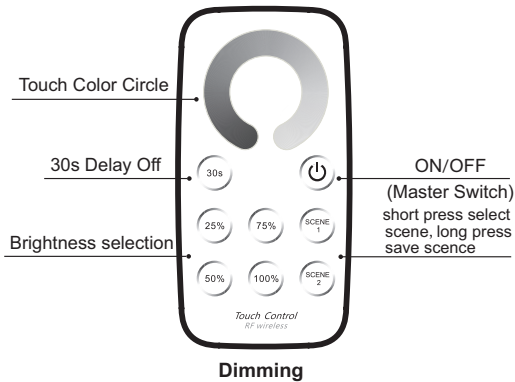
## 5. Dimensions



## 6.1 Operating Instructions Receiver



## 6.2 Operating Instructions Wireless Remote Control



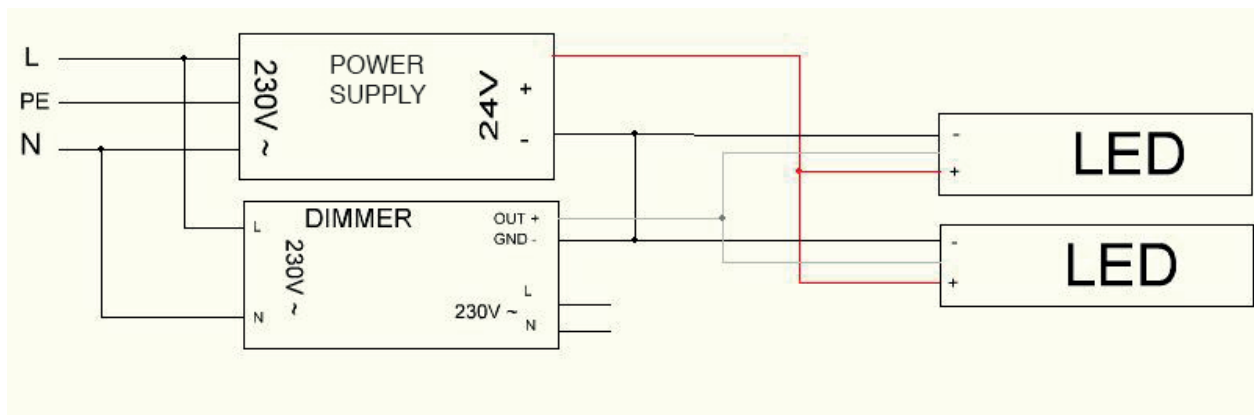
### The learning ID method of remote control

The remote control was set to the receiver before shipment. If you have accidentally deleted the setting, you can program it again as follows:

- Learning ID: Press the ID learning button on the receiver until the power light is on. Then press any key on the remote control until the operating light flashes several times. Done.
- Cancel ID: Press the ID learning button on the receiver for 5 seconds

- After 30 seconds without operation, the remote control automatically switches to sleep mode. Press any key to reactivate it.

## 7. Wiring Instructions



- The dimmer automatically cuts off the output voltage when the brightness signal is 0% and stops the power supply to the dimmer. Thanks to this function, it is possible to switch off the dimmer via the dimming signal.

## 8. 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:

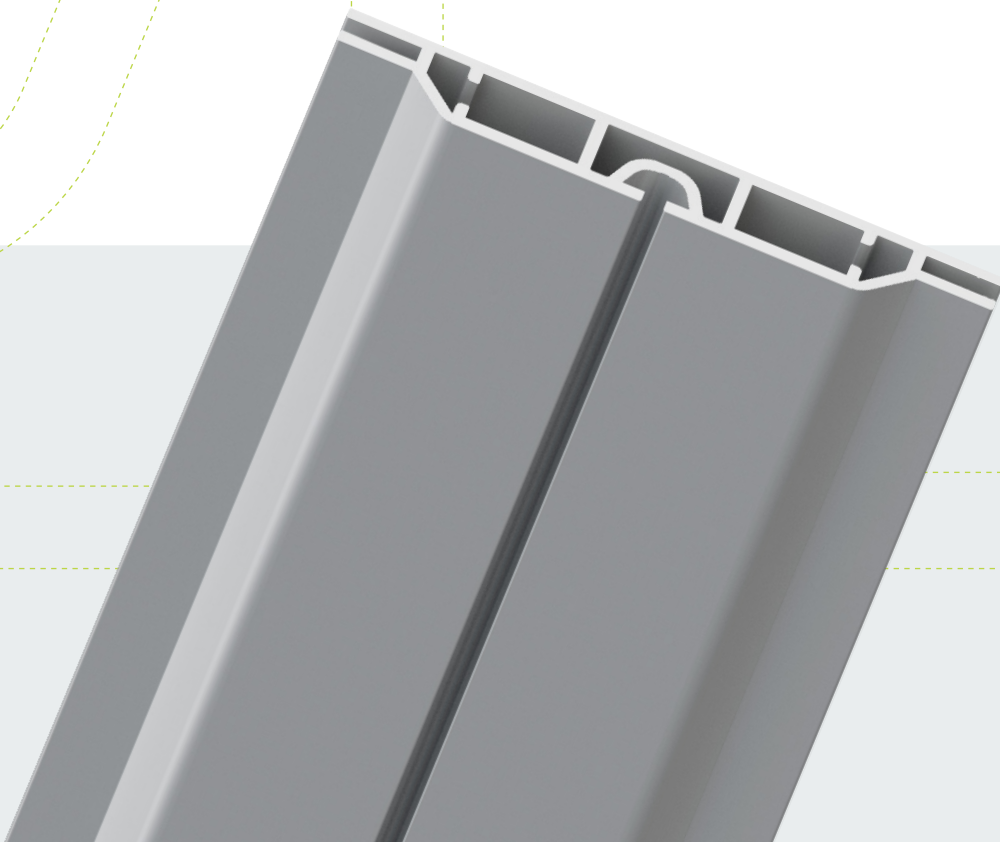
- Any errors and damages caused by faulty operation
- Any damages caused by inappropriate power supply or voltage deviation
- Any damages caused by unauthorized removal, maintenance, circuit alteration, incorrect connection and chip replacement
- Any damages caused by transportation, breakage and water 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

# octalumina

## 120 mm

↗ Technics 03/26

Light frames for fabric



## ➤ Contents

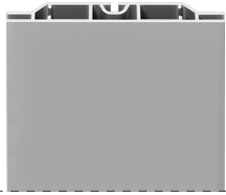
➤ <b>octalumina 120</b>	
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➤ Packaging/Transport	93
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## Basic parts

### octalumina 120

#### Tension fabric extr.

w/o system groove  
for double-sided illumination

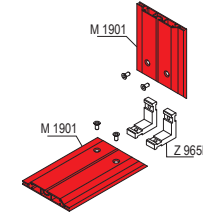
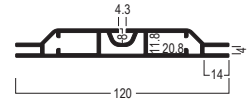


#### M 1901.01

aluminium

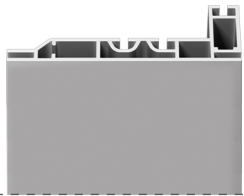
for double-sided illumination, without system groove, graphics with silicone edge M 1313

L 6000 × W 120 × H 16 mm | 9.77 kg



#### Tension fabric extr.

w/o system groove  
for single-sided illumination

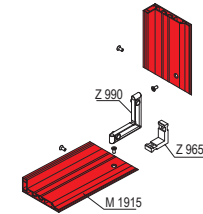
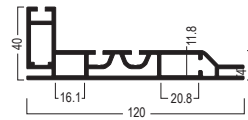


#### M 1915.01

aluminium

for single-sided illumination, without system groove, graphics with silicone edge M 1313

L 6000 × W 120 × H 40 mm | 11.904 kg



#### Square extrusion

4 system grooves  
L 5000 × W 120 × H 120 mm

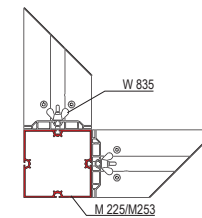
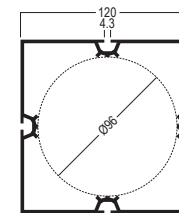


#### M 225.01

aluminium

adaptors with tension lock M 1102 / M 1122, adaptors with safety tension lock M 1124 / M 1126, with 4 system grooves

L 5000 × W 120 × H 120 mm | 19.806 kg



# Basic parts

## octalumina 120

### Square extrusion

L 6000 x W 120 x H 120 mm  
6000 mm long

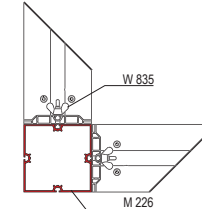
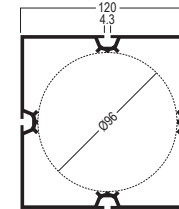


### M 226.01

aluminium

adaptors with tension lock M 1102 / M 1122, adaptors with safety tension lock M 1124 / M 1126

L 6000 x W 120 x H 120 mm | 22.708 kg



### Corner upright

90°  
without W 2850

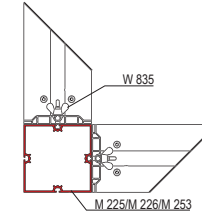
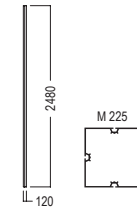


### M 253.01

aluminium

1 x extrusion manufactured from 120 mm square extrusion M 225, without adjustable foot W 2850

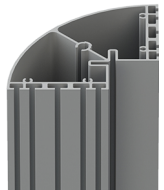
L 120 x W 120 x H 2480 mm | 9.568 kg



**Attention: without adjustable foot W 2850**

### Corner upright extrusion

90° corner, round  
L 6000 x W 120 x H 120 mm

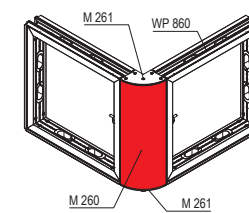
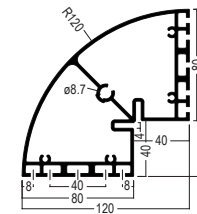


### M 260.01

aluminium

for connecting extrusions with width 16, 40, 80, 120 mm, octawall pro or octawall 40 frames, fabric can be stretched over the extrusion

L 6000 x W 120 x H 120 mm | 25.5 kg

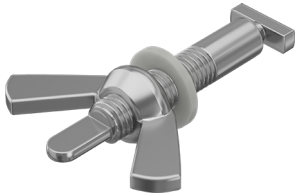


## Basic parts

### octalumina 120

#### Fixing set

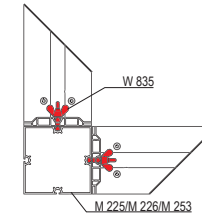
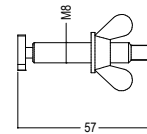
for octalumina frames  
L 57 × W 30 × H 30 mm



#### W 835.37

steel

to connect 2 × octalumina frame with or without upright  
L 57 × W 30 × H 30 mm | 0.033 kg



#### Corner connector

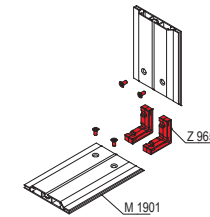
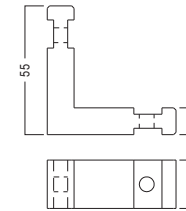
90°  
lock chamber 21 × 12 mm



#### Z 965B.00

zinc die cast

90°, for extrusions with lock chamber 21 × 12 mm, incl. 2 × hex-star screw E 111 and E 111/20  
L 55 × W 21 × H 12 mm | 0.076 kg



**I** steep thread

#### Corner connector

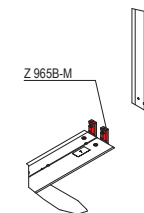
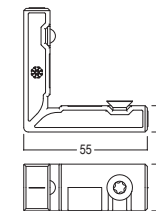
90°, toolless  
lock chamber 21 × 12 mm



#### Z 965B-M.00

zinc die cast

90°, toolless, for extrusions with lock chamber 21 × 12 mm, incl. 1 × countersunk screw E 111 and E 111/20  
L 55 × W 21 × H 12 mm | 0.069 kg



## Basic parts

### octalumina 120

#### Corner connector

90°  
lock chamber 21 × 12 mm

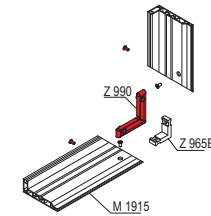
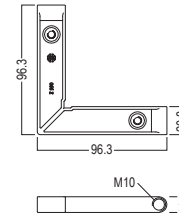


#### Z 990.00

zinc die cast

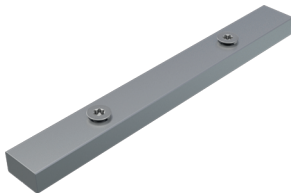
90°, for extrusions with 21 × 12 mm lock chamber, incl. 2 × M10 threads for adjustable foot C 440/F, incl. 2 × hex-star screw E 111 and E 111/20

L 96 × W 96 × H 12 mm | 0.14 kg



#### Internal connector

straight  
lock chamber 21 × 12 mm

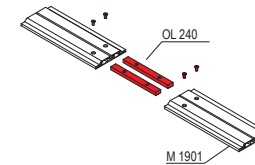
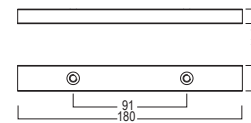


#### OL 240.00

aluminium

straight, for lateral connection of frame profiles with 21 × 12 mm lock chamber, incl. 2 × countersunk screws E 111/m (M6)

L 180 × W 21 × H 12 mm | 0.121 kg



#### Internal connector

straight, toolless  
L 180 × W 20.6 × H 11.6 mm

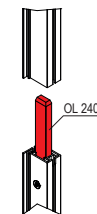
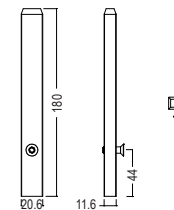


#### OL 240M.00

aluminium

for pluggable and dismantable connections, bolted on one side, incl. 1 × countersunk-head screw E 111/m, 1 × countersunk-head screw M 1510/20

L 180 × W 20.6 × H 11.6 mm | 0.124 kg



## Basic parts

### octalumina 120

#### Round extrusion

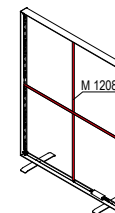
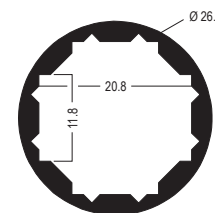
for bracing  
L 5000 × W 26.3 × H 26.3 mm



#### M 1208.85

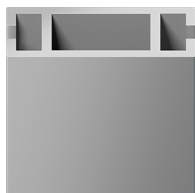
aluminium

for frame bracing tension lock Z 961/8 can be mounted  
L 5000 × W 26.3 × H 26.3 mm | 2.168 kg



#### Beam extrusion

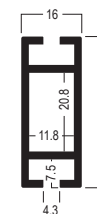
2 system grooves  
L 5000 × W 40 × H 16 mm



#### Z 4400.01

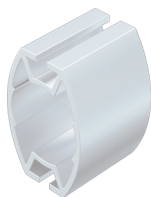
aluminium

2 system grooves, tension lock Z 961/13 can be mounted, groove depth 7 mm  
L 5000 × W 40 × H 16 mm | 3.2 kg



#### Internal connector

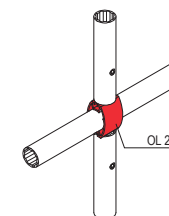
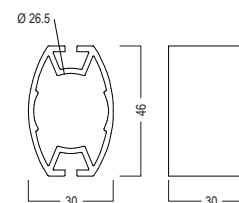
for bracing M 1208  
L 30 × W 46 × H 30 mm



#### OL 290.85

aluminium

for connection of bracing extrusions M 1208 (inside light frame)  
L 30 × W 46 × H 30 mm | 0.025 kg

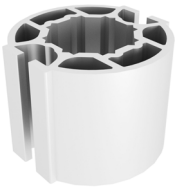


## Basic parts

### octalumina 120

#### Internal connector

toolless  
for bracing M 1208

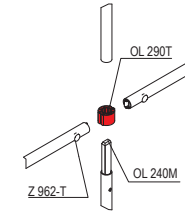
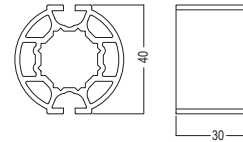


#### OL 290T.85

aluminium

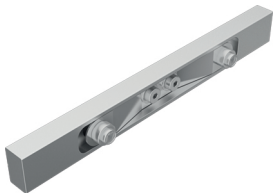
connecting part made out of M 1202, for bracing M 1208 of octalumina toolless frames

L 30 × W 40 × H 40 mm | 0.035 kg



#### Internal connector

straight, toolless  
lock chamber 21 × 12 mm

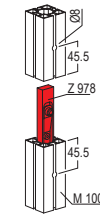
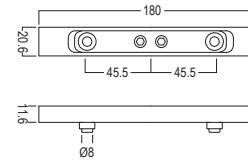


#### Z 978.90

aluminium

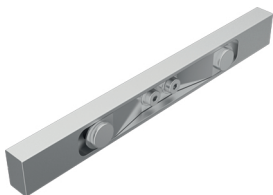
straight, toolless, for vertical connection of upright extrusions with lock chamber of 21 × 12 mm and holes 8 mm dia., with push button setting for assembly without tools

L 180 × W 21 × H 12 mm | 0.109 kg



#### Internal connector

straight, toolless  
lock chamber 21 × 12 mm

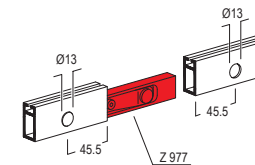
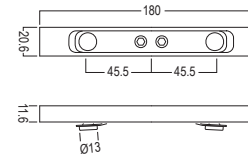


#### Z 977.90

aluminium

straight, toolless, for all beam extrusions with lock chamber 21 × 12 mm and hole 13 mm dia., with push button setting for assembly without tools

L 180 × W 21 × H 12 mm | 0.106 kg



## Basic parts

### octalumina 120

#### Tension fabric extr.

for corner solution  
for illumination

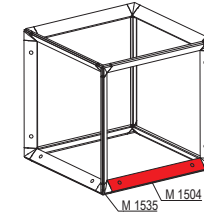
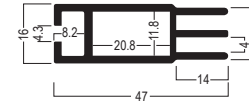


#### M 1504.01

aluminium

for corner solution, for illumination, for graphics with silicone edge  
M 1313, suspendable

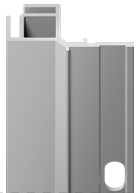
L 6000 × W 47 × H 16 mm | 4.57 kg



**Attention: maximum  
size of cube 2500 ×  
2500 × 2500 mm**

#### Tension fabric extr.

90° internal corner  
for single sided fabric

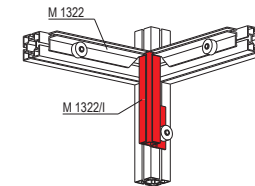
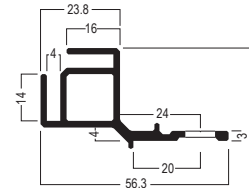


#### M 1322/I.01

aluminium

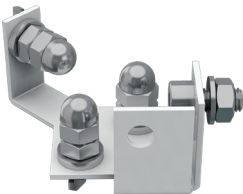
90° internal corner, for single sided fabric (with silicone edge  
M 1313), with 11 × hole 8.9 × 18 mm, for mounting in system groove:  
for 40 mm square extrusions use fixing set M 1348, for 80 mm and  
120 mm square extrusions use fixing clip M 1339

L 6000 × W 56.3 × H 27.8 mm | 4.614 kg



#### Retainer

for corner solution  
top/bottom

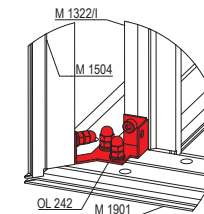
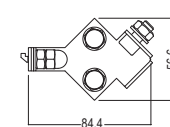
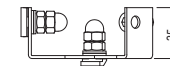


#### OL 242.85

steel, white

1 × retainer top/bottom for corner solution, for mounting the  
vertical extrusion M 1504 and M 1322/I to the horizontal frame  
extrusion M 1901

L 86 × W 57 × H 35 mm | 0.158 kg



## Basic parts

### octalumina 120

#### Retainer

for corner solution  
center

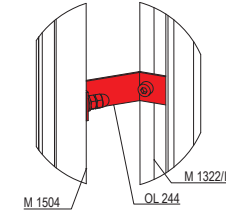
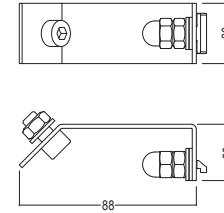


#### OL 244.85

steel, white

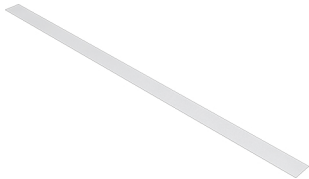
1 × retainer center for corner solution, for connection of vertical extrusion M 1504 and M 1322/I with extrusion lengths over 1500 mm

L 88 × W 30 × H 28 mm | 0.1 kg



#### Fabric divider

for corner solution  
for light division

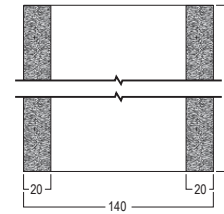


#### OL 270.30

plastic

for light division in octalumina 120 corner solutions, mounted with velcro onto M 1504 and M 1322/I profile, blackout fabric white with loop tape

L 3000 × W 140 × H 2 mm | 0.292 kg



#### Tension lock

toolless  
lock chamber 21 × 12 mm

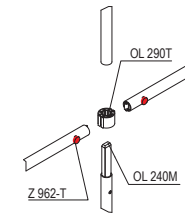
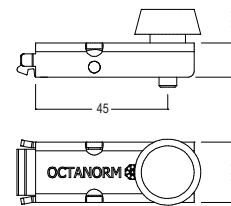


#### Z 962-T.37

steel

toolless, for all beam extrusions with lock chamber 21 × 12 mm, incl. 1 × knurled-head screw W 464/21 (M6x15)

L 60 × W 22 × H 26 mm | 0.05 kg

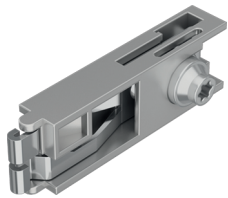


## Basic parts

### octalumina 120

#### Tension lock

8 mm  
L 70 × W 20 × H 12 mm

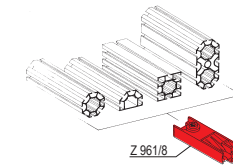
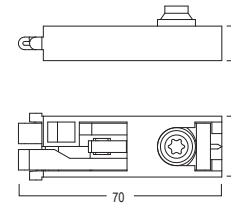


#### Z 961/8.00

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



#### Tension lock

13 mm  
L 70 × W 21 × H 13 mm

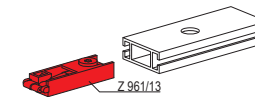
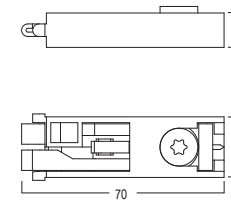


#### Z 961/13.00

zinc die cast/steel

13 mm, for all beam extrusions with lock chamber 21 × 12 mm as well as in conjunction with adaptor Z 161/A, for beam extrusions with lock chamber 39 × 12 mm

L 70 × W 21 × H 13 mm | 0.052 kg



## Accessories

### octalumina 120

#### Adjustable foot

M10  
L 60 × W 60 × H 75 mm

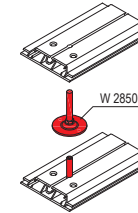
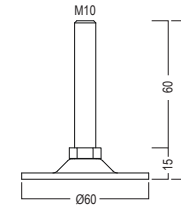


#### W 2850.37

steel

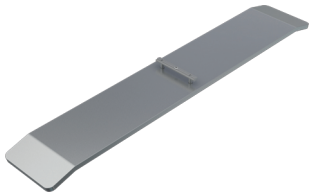
M10 thread, to adjust height of frames/extrusions from the top with hex-star T30

L 60 × W 60 × H 75 mm | 0.113 kg



#### Base plate

for free standing walls  
L 600 × W 100 × H 20 mm

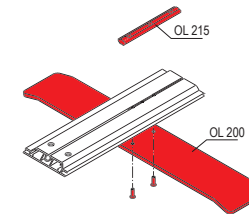
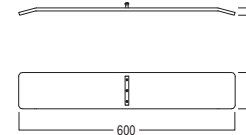


#### OL 200.21

steel

for free standing walls, incl. 1 × slot nut OL 215 and mounting parts, max. frame height = 2500 mm

L 600 × W 100 × H 20 mm | 3.796 kg



**Attention: max. frame height = 2500 mm**

#### Base plate

toolless  
L 440 × W 100 × H 20 mm

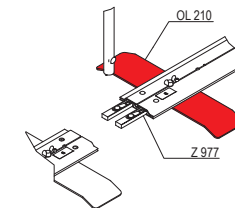
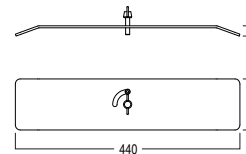


#### OL 210.21

steel

toolless, rotates 90°, for a compact pack size, incl. mounting accessories

L 440 × W 100 × H 20 mm | 1.415 kg



## Accessories

### octalumina 120

#### Slot nut

without screw accessories  
for base plate OL 200

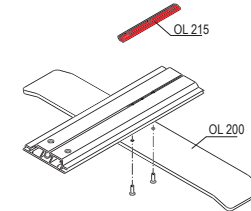
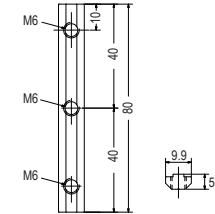


#### OL 215.00

aluminium

for base plate OL 200, without screw accessories, 3 × M6 thread (-30/0/+30), matching screw accessories: 1 × M 1334/20 and 2 × M 1510/20

L 80 × W 10 × H 6 mm | 0.009 kg



#### End plate

for 80 mm extrusions  
for M 260

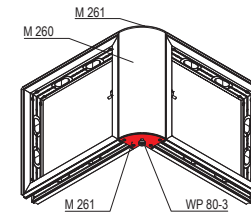
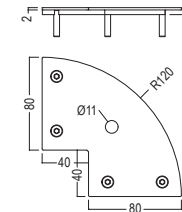


#### M 261.21

steel

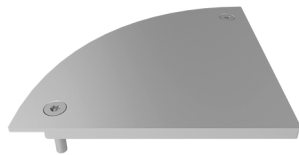
for Quarter-round extrusion M 260 in connection with 80 mm extrusions, to create top and bottom horizontal fabric groove, with drilling 11 mm dia. for adjustable foot

L 120 × W 120 × H 6 mm | 0.335 kg



#### End plate

for 120 mm extrusions  
for M 260

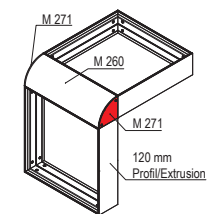
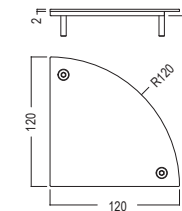


#### M 271.21

steel

for Quarter-round extrusion M 260 in connection with 120 mm extrusions, to create top and bottom horizontal fabric groove

L 120 × W 120 × H 6 mm | 0.45 kg



## Accessories

### octalumina 120

#### End cap

for drill hole 8 mm dia.  
L 13 × W 13 × H 12 mm

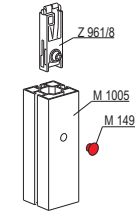


#### M 1491.35

plastic, light grey

to cover drill holes with 8 mm dia., similar to RAL 7035

L 13 × W 13 × H 12 mm |



#### Screw eye

opening 20 mm dia.  
for ceiling suspension

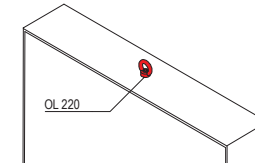
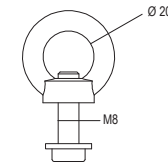


#### OL 220.37

steel

for vertical ceiling suspension, opening 20 mm dia., thread M8

L 36 × W 36 × H 25 mm | 0.063 kg



#### Universal retainer

ceiling suspension/wall mount  
for extrusion M 1901

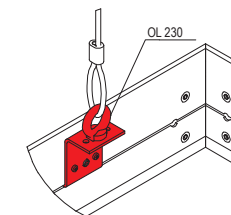
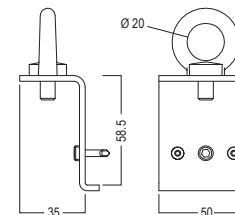


#### OL 230.37

steel

for M 1901, for horizontal ceiling suspension or wall mounting, with 2 × self-tapping screws (Ø 3,5 mm/13 mm length), for extrusion M 1901

L 62 × W 50 × H 43 mm | 0.177 kg



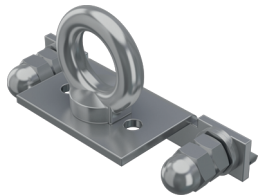
**i** After removing the eye bolt, can be used for wall mounting

## Accessories

### octalumina 120

#### Universal retainer

ceiling suspension/wall mount  
for extrusions M 1915/M 1935

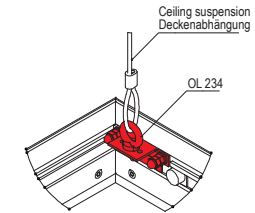
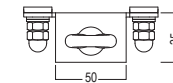
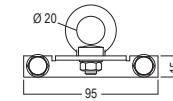


#### OL 234.37

steel

for single sided frames, for wall mounting and horizontal ceiling suspension, with eye bolt, can be used with M 1915 and M 1935

L 95 × W 35 × H 35 mm | 0.17 kg



**i** after removing the eye bolt, can be used for wall mounting

#### Universal retainer

with screw eye  
for wall and ceiling

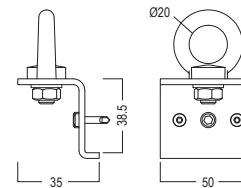


#### OL 236.37

steel

for installation of frame to wall and for horizontal ceiling suspension, with screw eye

L 35 × W 50 × H 60 mm | 0.153 kg



## Doors

### octalumina 120

#### Door

DIN left/right  
for double-sided illumination

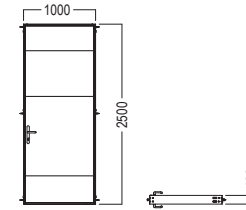


#### OL 1295.01

aluminium

1 x door element, with illumination, DIN left or DIN right, outward or inward opening, lockable, can be mounted without tools between 2 frames and with tools to a corner (corner upright M 225), LED modules and LED power supply unit installed (6500 K, 12750 lm, 110 W), incl. 3 x cross bracing, 2 m cable with Euro plug, door handle set and lock cylinder

W 1000 x H 2480 x D 120 mm | 32 kg



**i** without  
fabric/graphics

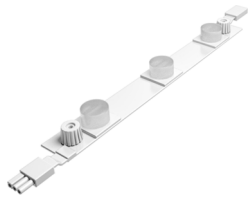
**i** Measurement for  
prints = W 950 x H  
2458 mm

## Electrical parts

### octalumina 120

#### LED module

3 LEDs  
768 lm / 6,48 W / 24 V

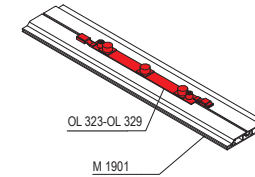
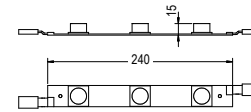


#### OL 323.90

plastic/aluminium

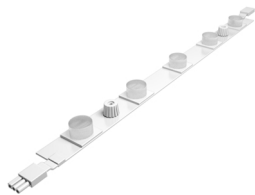
3 LEDs per unit, 6.48 W / 24 V, 6500 K, 768 lumen, with wiring for connecting to the power supply unit, incl. 2 × fixing set OL 252

L 240 × W 28 × H 15 mm | 0.058 kg



#### LED module

5 LEDs  
1280 lm / 10,8 W / 24 V

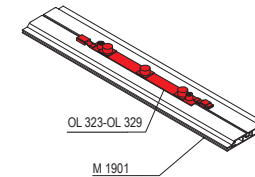
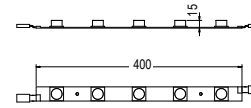


#### OL 325.90

plastic/aluminium

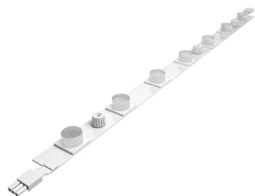
5 LEDs per unit, 10.80 W / 24 V, 6500 K, 1280 lumen, with wiring for connecting to the power supply unit, incl. 2 × fixing set OL 252

L 400 × W 28 × H 15 mm | 0.084 kg



#### LED module

7 LEDs  
1792 lm / 15,12 W / 24 V

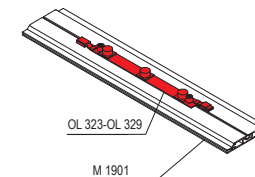
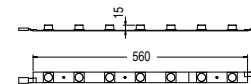


#### OL 327.90

aluminium/plastic

7 LEDs per unit, 15.12 W / 24 V, 6500 K, 1792 lumen, with wiring for connecting to the power supply unit, incl. 2 × fixing set OL 252

L 560 × W 28 × H 15 mm | 0.111 kg

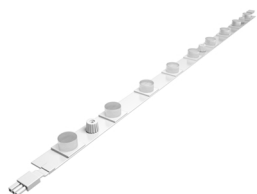


## Electrical parts

### octalumina 120

#### LED module

9 LEDs  
2300 lm / 19,52 W / 24 V

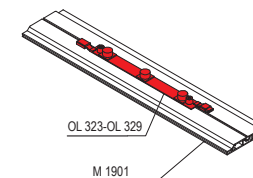
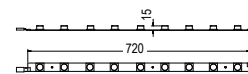


#### OL 329.90

aluminium/plastic

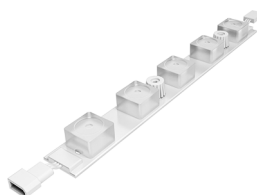
9 LEDs per unit, 19,52 W / 24 V, 6500 K, 2300 lumen, with wiring for connecting to the power supply unit, incl. 2 × fixing set OL 252

L 720 × W 28 × H 15 mm | 0.142 kg



#### LED module

5 LEDs  
1554 lm / 15 W / 24 V

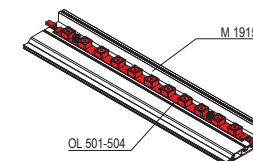
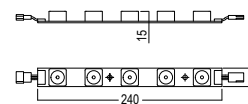


#### OL 501.90

plastic

5 LEDs per unit, 15 W / 24 V, 6500 K, 1554 lm, Power-LED module  
5 m

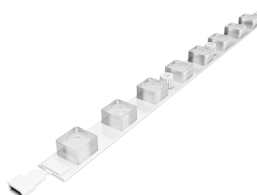
L 240 × W 24 × H 15 mm | 0.15 kg



up to 5000 mm frame height

#### LED module

8 LEDs  
2552 lm / 24 W / 24 V

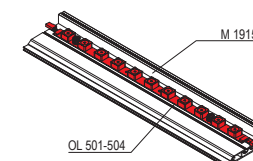
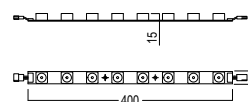


#### OL 502.90

plastic

8 LEDs per unit, 24 W / 24 V, 6500 K, 2552 lm, Power-LED module  
5 m

L 400 × W 24 × H 15 mm | 0.128 kg



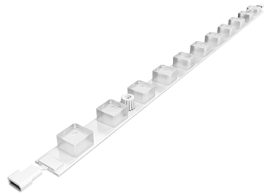
up to 5000 mm frame height

## Electrical parts

### octalumina 120

#### LED module

11 LEDs  
3540 lm / 33 W / 24 V

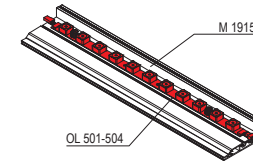
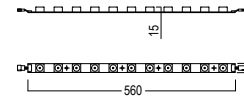


#### OL 503.90

plastic

11 LEDs per unit, 33 W / 24 V, 6500 K, 3540 lm, Power-LED Module  
5 m

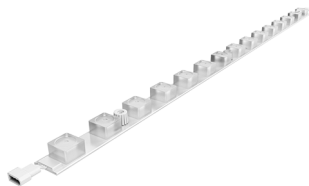
L 560 × W 24 × H 15 mm | 0.158 kg



up to 5000 mm frame height

#### LED module

15 LEDs  
4604 lm / 45 W / 24 V

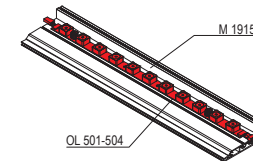
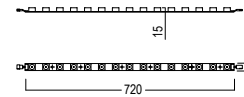


#### OL 504.90

plastic

15 LEDs per unit, 45 W / 24 V, 6500 K, 4604 lm, Power-LED module 5 m

L 720 × W 24 × H 15 mm | 0.204 kg



up to 5000 mm frame height

#### PWM Dimmer

for OL 323-329, OL 501-504  
L 135 × W 30 × H 20 mm

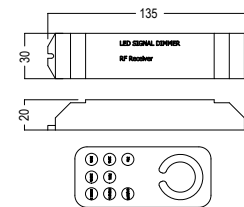


#### OL 182.90

plastic

1 × control unit and remote control for dimming of octanorm LED modules OL 323 - OL 329 and OL 501 - OL 504, Voltage AC 85 - 265 V, max. output current 10 A, max. output signal current 40 mA, output signal PWM 5 V Signal

L 135 × W 30 × H 20 mm | 0.103 kg



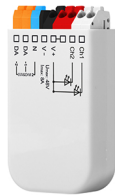
only in combination with OL 323-329, OL 501-504

## Electrical parts

### octalumina 120

#### Dimmer

Dali LED  
for OL 323 - OL 329

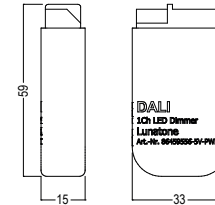


#### OL 183.90

plastic

Dali LED dimmer for octanorm LED modules OL 323 - OL 329, output can be controlled via DALI or SwitchDim2, input voltage from 12V to 48V DC, max. connection current 8A, PWM output (16Bit)

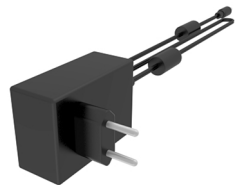
L 59 × W 33 × H 15 mm | 0.017 kg



**!** only in combination  
with OL 323 - OL 329

#### Power supply

36 W  
for LEDs

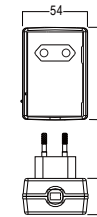


#### OL 191.90

plastic, black

for LEDs, input: 100-240 V AC, 50/60 Hz, 0.8 A, output: 24 V DC, 1.5 A, 36 W, cable length 1000 mm

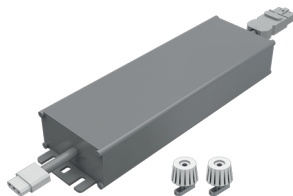
L 79 × W 54 × H 33 mm | 0.209 kg



**!** OL 149 necessary, max.  
load only up to 29 W  
recommended for long  
life soan of the LED  
power supply unit

#### Power supply

60 W  
for LEDs

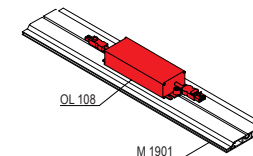
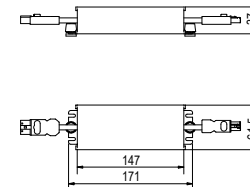


#### OL 108.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 0.64 A, Output: 24 V DC, 2,5 A, 60 W, plug connection at both ends, includes 2 × OL 252 mounting set

L 171 × W 62 × H 37 mm | 0.722 kg



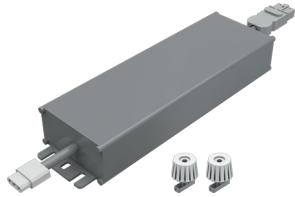
**!** max. load only up to 48  
W  
recommended for  
long life soan of the  
LED power supply unit

## Electrical parts

### octalumina 120

#### Power supply

100 W  
for LEDs

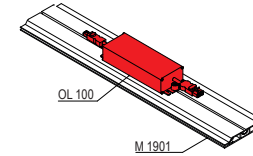
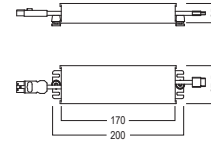


#### OL 100.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 1,1 A, output: 24 V DC, 4,16 A, 100 W, plug connection at both ends, includes 2 × OL 252 mounting set

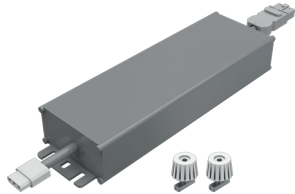
L 200 × W 65 × H 39 mm | 0.921 kg



**!** max. load only up to 80 W recommended for long life soan of the LED power supply unit

#### Power supply

150 W  
for LEDs

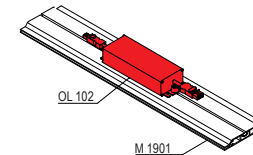
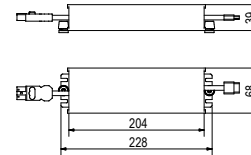


#### OL 102.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 1,7 A, output: 24 V DV, 6,3 A, 150 W, plug connection at both ends, includes 2 × OL 252 mounting set

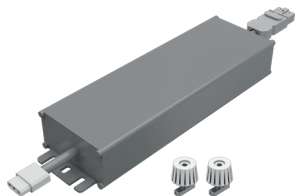
L 228 × W 68 × H 39 mm | 1.174 kg



**!** max. load only up to 120 W recommended for long life span of the LED power supply unit

#### Power supply

240 W  
for LEDs

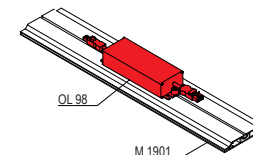
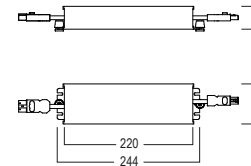


#### OL 98.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 4,0 A, output: 24 V DV, 10,0 A, 240 W, plug connection at both ends, includes 2 × OL 252 mounting set

L 244 × W 68 × H 39 mm | 1.219 kg



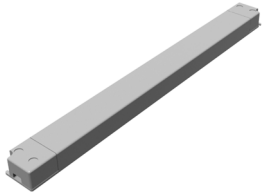
**!** max. load only up to 192 W recommended for long life soan of the LED power supply unit

## Electrical parts

### octalumina 120

#### Power supply

**100 W (Slim Line)  
installation in frame**

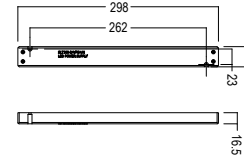


#### OL 104/1.90

plastic

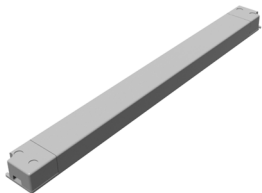
for installation in octalumina 40/80/120 frames, Input: 200-240 V AC, 50/60 Hz, 0.95 A, Output: 24 V DC, 4,17 A, 100 W

L 298 × W 30 × H 16.5 mm | 0.221 kg



#### Power supply

**150 W (Slim Line)  
installation in frame**

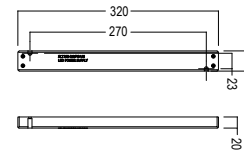


#### OL 106/1.90

plastic

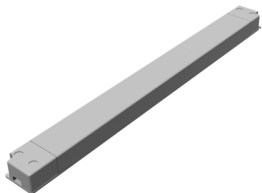
for installation in octalumina 40/80/120 frames, input: 200-240 V AC, 50/60 Hz, 1.0 A, output: 24 V DC, 6,25 A, 150 W

L 320 × W 30 × H 22 mm | 0.243 kg



#### Power supply

**200 W (Slim Line)  
installation in frame**

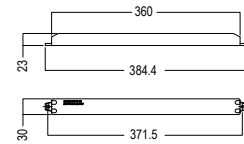


#### OL 206/1.90

plastic

for installation in octalumina 40/80/120 frames, input: 200-240 V AC, 50/60 Hz, 1.6 A, output: 24 V DC, 8,33 A, 200 W

L 360 × W 30 × H 23 mm | 0.431 kg



**Only suitable for 230 volts! Not for USA and Canada!**

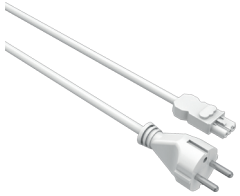
**Only suitable for 230 volts! Not for USA and Canada!**

## Electrical parts

### octalumina 120

#### Power cable

for LED PSU  
2000 mm long

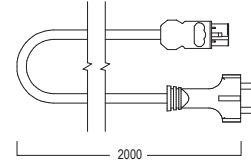


#### OL 122.90

plastic, white

Mains connection cable, socket - Schuko plug, 3 poles, rated voltage 250 V, rated current 16 A, cable type H05VV-F, conductor nominal cross-section 1.5 mm<sup>2</sup>

2000 mm long | 0.277 kg



for PSU OL 98 / OL 100  
/ OL 102 / OL 108

#### Connecting cable

external, 24V  
1000 mm long

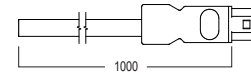


#### OL 139.30

plastic

for connecting a LED module to the power supply unit, if the distance between LED power supply and LED module is too big, incl. plug OL 148 on one side, 24 V/10 A

1000 mm long | 0.088 kg



after cutting the cable  
to size the female plug  
OL 149 has to be  
mounted on the other  
side

#### Connecting cable

external, 24V  
3000 mm long

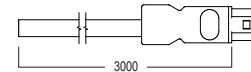


#### OL 140.30

plastic

for connecting a LED module to the power supply unit, if the distance between LED power supply and LED module is too big, incl. plug OL 148 on one side, 24 V/10 A

3000 mm long | 0.251 kg



after cutting the cable  
to size the female plug  
OL 149 has to be  
mounted on the other  
side

## Electrical parts

### octalumina 120

#### Connecting cable

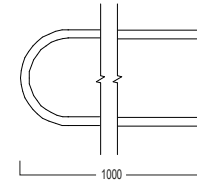
2-wire  
1000 mm long



#### OL 359-1.90

plastic, white

2 wire cable (brown, blue), PVC hose cable white  
1000 mm long | 0.057 kg



#### Extension cable

internal, 24 V  
300 mm long

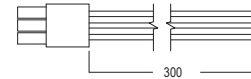


#### OL 131-1.90

plastic, white

24 V, for LED modules OL 3... and OL 5..., with plug for additional power source if series connection of LED modules exceeds 100 W, 24 V

300 mm long | 0.015 kg



**!** After adjusting the cable length, the plug OL 148 has to be attached on the other side

#### Extension cable

internal, 24 V  
500 mm long

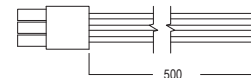


#### OL 133-1.90

plastic, white

24 V, for LED modules OL 3... and OL 5..., with plug for additional power source if series connection of LED modules exceeds 100 W, 24 V

500 mm long | 0.017 kg



**!** After adjusting the cable length, the plug OL 148 has to be attached on the other side

## Electrical parts

### octalumina 120

#### Extension cable

internal, 24 V  
1000 mm long



#### OL 135-1.90

plastic, white

24 V, for LED modules OL 3... and OL 5..., with plug for additional power source if series connection of LED modules exceeds 100 W, 24 V

1000 mm long | 0.038 kg



**!** After adjusting the cable length, the plug OL 148 has to be attached on the other side

#### Extension cable

internal, 24 V  
3000 mm long

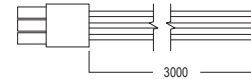


#### OL 137-1.90

plastic, white

24 V, for LED modules OL 3... and OL 5..., with plug for additional power source if series connection of LED modules exceeds 100 W, 24 V

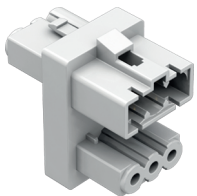
3000 mm long | 0.11 kg



**!** After adjusting the cable length, the plug OL 148 has to be attached on the other side

#### Distributor block

250 V/16 A  
for 2 x PSU

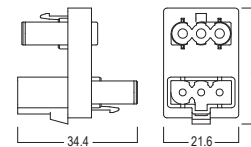


#### OL 142.90

plastic, white

for connecting two power supply units OL 100 and/or OL 102 to the 2 m long power cable OL 122, 1 input / 2 output, 3 poles, 250 V/16 A

L 32 x W 22 x H 35 mm | 0.014 kg

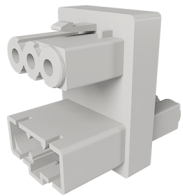


## Electrical parts

### octalumina 120

#### Distributor block

250 V/16 A  
for 3 × PSU

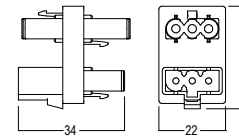


#### DL 142.90

plastic, white

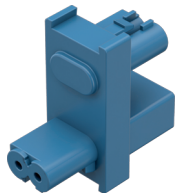
for connecting 3 power supply units to 2 m power cable OL 122, 1 input / 3 output, 3 poles, 250 V/16 A

L 36 × W 22 × H 33 mm | 0.016 kg



#### Distributor block

24V / 16A  
for 2 × LED module

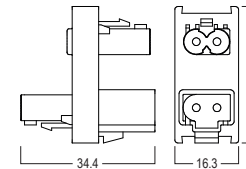


#### OL 150.30

plastic

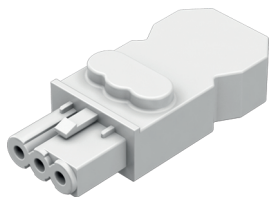
to be used in combination with OL 123 / OL 125 / OL 127 / OL 129, 2 poles, 1 input / 2 output, 24V / 16A

L 35 × W 34 × H 16 mm | 0.006 kg



#### Female connector

250V / 16A  
for DIY assembly

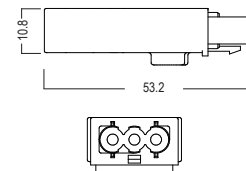


#### OL 144.30

plastic, white

for DIY assembly, 3 pole, with strain relief, use with power cable OL 122, 250V / 16A

L 53 × W 23 × H 14 mm | 0.008 kg

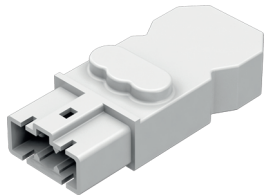


## Electrical parts

### octalumina 120

#### Male plug

250V / 16A  
for DIY assembly

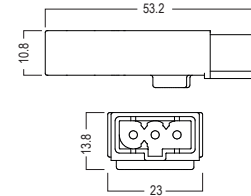


#### OL 146.30

plastic, white

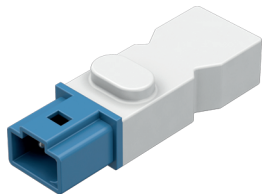
for DIY assembly of OL 98 / OL 100 / OL 102 / OL 104 / OL 106 / OL 108 PSUs, 3-pole, with strain relief, 250V / 16A

L 53 × W 23 × H 14 mm | 0.025 kg



#### Male plug

24V / 16A  
for DIY assembly

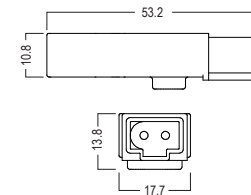


#### OL 148.90

plastic

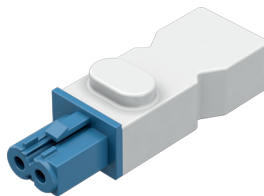
for DIY assembly of 24 V OL 135-1 / OL 137-1 connection cable, 2-pole, with strain relief, 24V / 16A

L 53 × W 18 × H 14 mm | 0.008 kg



#### Female connector

24V / 16A  
for DIY assembly

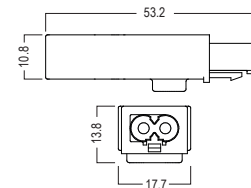


#### OL 149.90

plastic

for DIY assembly of OL 98 / OL 100 / OL 102 / OL 104 / OL 106 / OL 108 power supply units, or 24 V OL 139 / OL 140 connection cable, 2-pole, with strain relief, 24V / 16A

L 53 × W 18 × H 14 mm | 0.008 kg

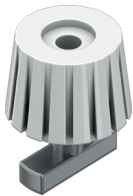


## Electrical parts

### octalumina 120

#### Fixing set

for LEDs / PSU  
L 14 × W 14 × H 12 mm

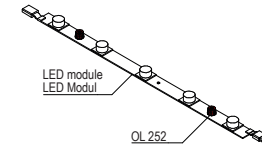
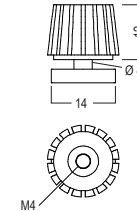


#### OL 252.90

steel/plastic

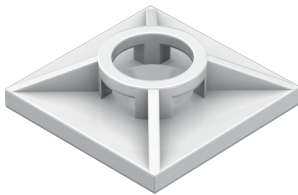
for mounting OL 123 / OL 125 / OL 127 / OL 129 LED modules and  
OL 98 / OL 102 / OL 108 power supply units on frame extrusion

L 14 × W 14 × H 12 mm | 0.004 kg



#### Adhesive base

100 pcs  
for cable ties OL 255

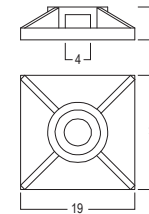


#### OL 254.90

plastic, white

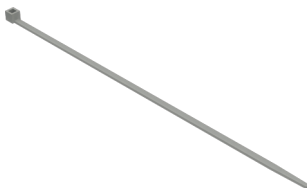
for wire management with wire ties OL 255 (not included), max.  
width wire ties 4 mm, packaging unit 100 pcs.

L 19 × W 19 × H 5 mm | 0.071 kg



#### Cable tie

100 pcs  
L 155 × W 2.5 mm

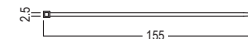


#### OL 255.90

plastic, white

for wire management with fixing set for cable ties, packaging unit:  
100 pcs

L 155 × W 2.5 mm | 0.051 kg

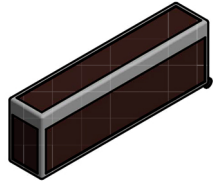


## ➤ Packaging/Transport

### octalumina 120

#### Transport box

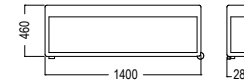
for OL 1210T / OL 1220 T  
L 1400 × W 280 × H 460 mm



#### OL 902-10.90

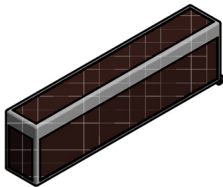
plastic/aluminium

for OL 1210T / OL 1220 T, with carry handles and castors  
L 1400 × W 280 × H 460 mm | 13.7 kg



#### Transport box

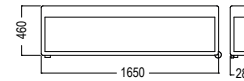
for OL 1230T  
L 1650 × W 280 × H 460 mm



#### OL 902-30.90

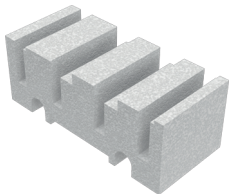
plastic/aluminium

for OL 1230T, with carry handles and castors  
L 1650 × W 280 × H 460 mm | 15.1 kg



#### Foam inlay

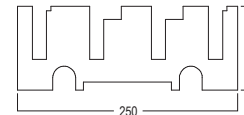
for extrusion M 1901  
L 250 × W 95 × H 100 mm



#### OL 990.90

foam

for safe transportation of M 1901 frame profiles with mounted LED modules  
L 250 × W 95 × H 100 mm | 0.043 kg

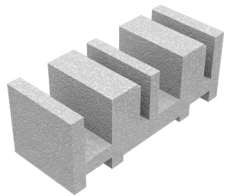


## ↑ Packaging/Transport

### octalumina 120

#### Foam inlay

for extrusion M 1915  
L 250 × W 95 × H 100 mm

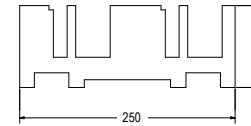


#### OL 991.90

##### foam

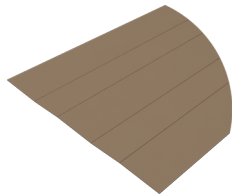
for safe transportation of M 1915 frame profiles with mounted LED modules

L 250 × W 95 × H 100 mm | 0.043 kg



#### Cardboard

for extrusion M 1901 / M 1915  
L 1000 × W 1135 × H 6.5 mm

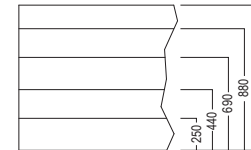


#### OL 992.90

##### cardboard

for packaging of octalumina 120 frames, fits 4 M 1901 or M 1915 frame profiles fitted with LED modules when using OL 990 or OL 991 moulded foam parts, with embossing for easy folding, 320 m/palet, weight per pallet: 276.00 kg

L 1000 × W 1135 × H 6.5 mm | 0.9 kg



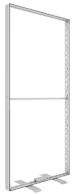
**1** length has to be cut to frame parts

## Products

### octalumina 120

#### Light frame

with base plates  
W 1000 × H 2480 × D 120 mm

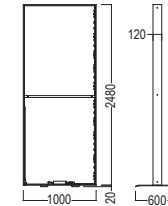


#### OL 1210.01

aluminium

1 × free standing frame with bracing, for double-sided back-lit graphics, LED modules and LED power supply unit mounted, 6160 lumen, 60 watt, incl. 1 × cable 2 m with plug and 2 × base plate OL 200

W 1000 × H 2480 × D 120 mm | 20.029 kg



without fabric/graphics (fabric dimensions = outer frame dimensions)

#### Light frame

toolless, with base plates  
W 1000 × H 2480 × D 120 mm

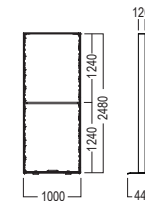


#### OL 1210T.01

aluminium

1 × free standing frame divided laterally in the middle, for double-sided back-lit graphics, toolless, LED modules and LED power supply unit mounted, incl. 1 × cable 2 m with plug and 2 × base plate OL 210, pack size: 1200 × 250 × 200 mm (9,5 kg), 1420 × 250 × 200 mm (10,5 kg)

W 1000 × H 2480 × D 120 mm | 18,5 kg



without fabric/graphics (fabric dimensions = outer frame dimensions)

#### Light frame

with base plates  
W 2000 × H 2480 × D 120 mm

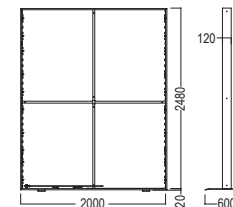


#### OL 1220.01

aluminium

1 × free standing frame with bracing, for double-sided back-lit graphics, LED modules and LED power supply unit mounted, 12320 lumen, 120 watt, incl. 1 × cable 2 m with plug and 2 × base plate OL 200

W 2000 × H 2480 × D 120 mm | 24.931 kg



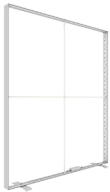
without fabric/graphics (fabric dimensions = outer frame dimensions)

# Products

## octalumina 120

### Light frame

toolless, with base plates  
W 2000 × H 2480 × D 120 mm

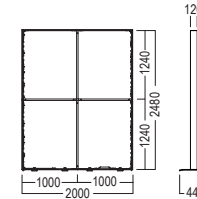


### OL 1220T.01

aluminium

1 × free standing frame divided laterally in the middle, for double-sided back-lit graphics, toolless, LED modules and LED power supply unit mounted, incl. 1 × cable 2 m with plug and 2 × base plate OL 210, pack size: 1280 × 260 × 200 mm (14 kg), 1420 × 260 × 200 mm (12 kg)

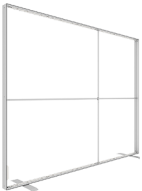
W 2000 × H 2480 × D 120 mm | 24.7 kg



without fabric/graphics (fabric dimensions = outer frame dimensions)

### Light frame

with base plates  
W 3000 × H 2480 × D 120 mm

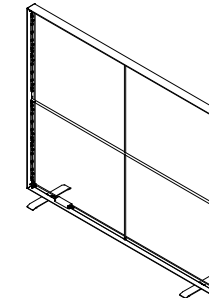
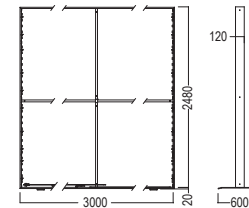


### OL 1230.01

aluminium

1 × free standing frame with bracing, for double-sided back-lit graphics, LED modules and LED power supply unit mounted, 14960 lumen, 144 watt, incl. 1 × cable 2 m with plug and 2 × base plate OL 200

W 3000 × H 2480 × D 120 mm | 37.8 kg



without fabric/graphics (fabric dimensions = outer frame dimensions)

### Light frame

toolless, with base plates  
W 3000 × H 2480 × D 120 mm

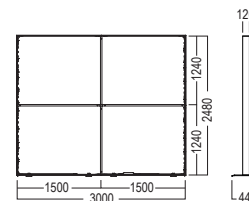


### OL 1230T.01

aluminium

1 × free standing frame divided laterally in the middle, for double-sided back-lit graphics, toolless, LED modules and LED power supply unit mounted, incl. 1 × cable 2 m with plug and 4 × base plate OL 210, pack size: 1790 × 260 × 200 mm (21.5 kg), 1420 × 260 × 200 mm (12 kg)

W 3000 × H 2480 × D 120 mm | 33.5 kg



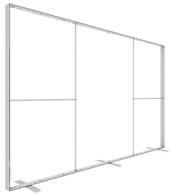
without fabric/graphics (fabric dimensions = outer frame dimensions)

# Products

## octalumina 120

### Light frame

with base plates  
W 4000 × H 2480 × D 120 mm

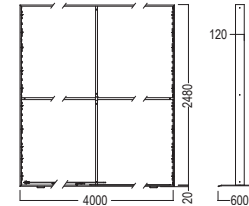


### OL 1240.01

aluminium

1 × free standing frame with bracing, for double-sided back-lit graphics, LED modules and LED power supply unit mounted, 19800 lumen, 195 watt, incl. 1 × cable 2 m with plug and 3 × base plate OL 200

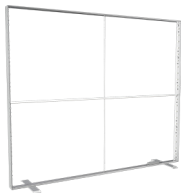
W 4000 × H 2480 × D 120 mm | 39.81 kg



**i** without fabric/graphics (fabric dimensions = outer frame dimensions)

### Light frame

with base plates  
120 mm, custom size

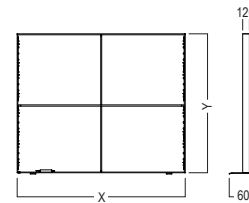


### OL 1290.01

aluminium

1 × free standing frame for double-sided back-lit graphics, LED modules and LED power supply unit mounted, incl. 1 × cable 2 m with plug and base plates OL 200

120 mm, custom size |

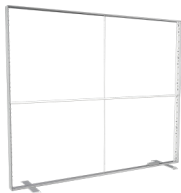


**i** without fabric/graphics (fabric dimensions = outer frame dimensions)

**i** custom size: please advise dimensions when placing the order

### Light frame

with base plates  
120 mm, custom size

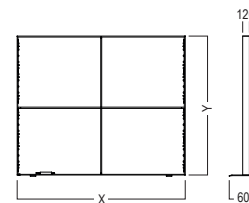


### OL 1290 E.01

aluminium

1 × free standing frame for single-sided back-lit graphics, LED modules and LED power supply unit mounted, incl. 1 × cable 2 m with plug and base plates OL 200

120 mm, custom size |



**i** without fabric/graphics (fabric dimensions = outer frame dimensions)

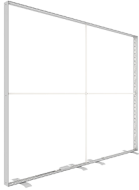
**i** custom size: please advise dimensions when placing the order

# Products

## octalumina 120

### Light frame

toolless, with base plates  
120 mm, custom size

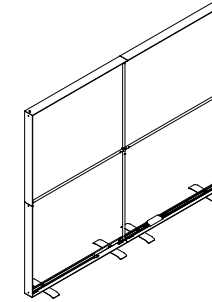
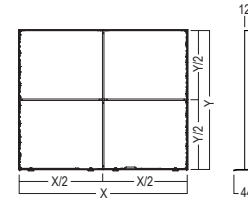


### OL 1290T.01

aluminium

1 × free standing frame, for double-sided back-lit graphics, toolless, LED modules and LED power supply unit mounted, incl. 1 × cable 2 m with plug and base plates OL 200

120 mm, custom size |

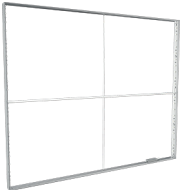


**i** without fabric/graphics (fabric dimensions = outer frame dimensions)

**i** custom size: please advise dimensions when placing the order (X = max 3000 mm, Y = max 2480 mm)

### Light frame

without base plates  
120 mm, custom size

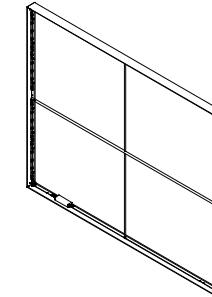
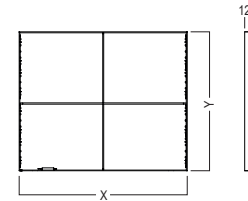


### OL 1291.01

aluminium

1 × frame for double-sided back-lit graphics, LED modules and LED power supply unit mounted, incl. 1 × cable 2 m with plug, without base plates

120 mm, custom size |

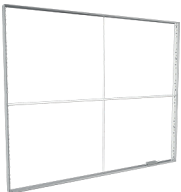


**i** without fabric/graphics (fabric dimensions = outer frame dimensions)

**i** custom size: please advise dimensions and position of the cable outlet when placing the order

### Light frame

without base plates  
120 mm, custom size

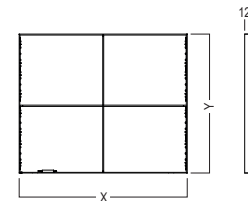


### OL 1291 E.01

aluminium

1 × frame for single-sided back-lit graphics, LED modules and LED power supply unit mounted, incl. 1 × cable 2 m with plug, without base plates

120 mm, custom size |



**i** without fabric/graphics (fabric dimensions = outer frame dimensions)

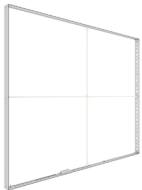
**i** custom size: please advise dimensions when placing the order

# Products

## octalumina 120

### Light frame

toolless, with adjustable feet  
120 mm, custom size

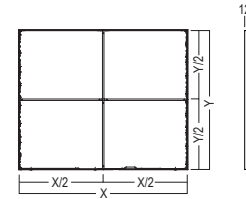


### OL 1291T.01

aluminium

1 x frame for double-sided back-lit graphics, toolless, LED modules and LED power supply unit mounted, incl. 1 x cable 2 m with plug and adjustable feet W 2850

120 mm, custom size |



**i** without fabric/graphics (fabric dimensions = outer frame dimensions)

**i** custom size: please advise dimensions when placing the order (X = max 3000 mm, Y = max 2480 mm)

### Light frame

vertically suspended  
120 mm, custom size

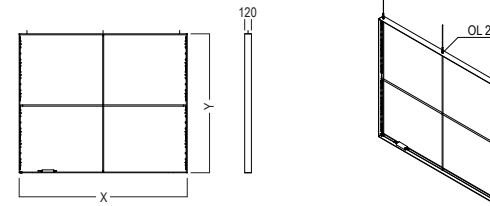


### OL 1292.01

aluminium

1 x frame element for double-sided back-lit graphics, LED modules and LED power supply unit mounted, incl. 1 x cable 2 m with plug and eyebolts OL 220 for vertical ceiling suspension (number according to frame size)

120 mm, custom size |



**i** without fabric/graphics (fabric dimensions = outer frame dimensions)

**i** custom size: please advise dimensions when placing the order

### Light frame

vertically suspended  
120 mm, custom size

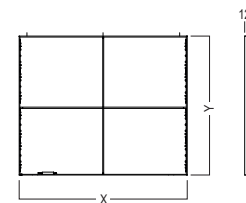


### OL 1292 E.01

aluminium

1 x frame element for single-sided back-lit graphics, LED modules and LED power supply unit mounted, incl. 1 x cable 2 m with plug and eyebolts OL 220 for vertical ceiling suspension (number according to frame size)

120 mm, custom size |



**i** Without fabric/graphics (fabric dimensions = outer frame dimensions)

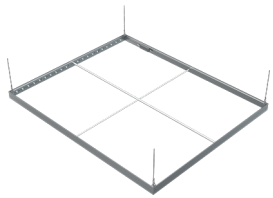
**i** custom size: please advise dimensions when placing the order

# Products

## octalumina 120

### Light frame

horizontally suspended  
120 mm, custom size

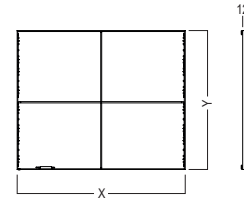


### OL 1293 E.01

aluminium

1 x frame element for single-sided back-lit graphics, LED modules and LED power supply unit mounted, incl. 1 x cable 2 m with plug and universal retainers OL 230 for horizontal ceiling suspension or wall mounting (number according to frame size)

120 mm, custom size |

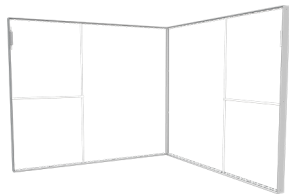


**i** without fabric/graphics (fabric dimensions = outer frame dimensions)

**i** custom size: please advise dimensions when placing the order

### Light frame

L-shaped  
120 mm, custom size

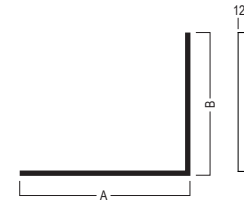


### OL 1261.01

aluminium

for double-sided backlit graphics, L-shaped corner structure with 120 mm extrusion width, LED modules and LED power supply unit mounted, incl. 2 m cable

120 mm, custom size |

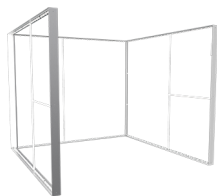


**i** without fabric/graphics

**i** custom size: please advise dimensions when placing the order

### Light frame

U-shaped  
120 mm, custom size

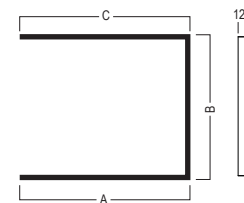


### OL 1262.01

aluminium

for double-sided backlit graphics, U-shaped corner structure with 120 mm extrusion width, LED modules and LED power supply unit mounted, incl. 2 m cable

120 mm, custom size |



**i** without fabric/graphics

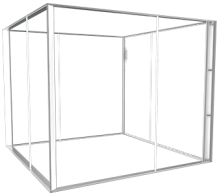
**i** custom size: please advise dimensions when placing the order

# Products

## octalumina 120

### Light frame

rectangular corner  
120 mm, custom size

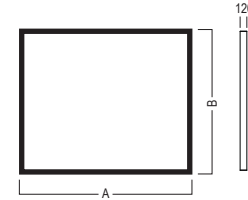


### OL 1264.01

aluminium

for double-sided backlit graphics, rectangular corner structure with 120 mm extrusion width, LED modules and LED power supply unit mounted, incl. 2 m cable

120 mm, custom size |



**i** without fabric/graphics

**i** custom size: please advise dimensions when placing the order

### Light frame element

vertically suspended  
W 3000 x H X x D 120 mm

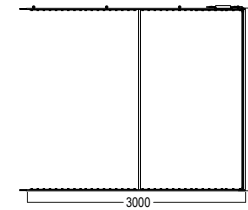


### OL 1265-3000.01

aluminium

1 x frame element made of M 1901 with bracing, for double sided back-lit graphics, LED modules (17500 lm, 152 W) and power supply unit 240 W mounted, incl. 1 x cable 2 m with Schuko plug and 4 x screw eye OL 220 for vertical ceiling suspension

W 3000 x H X x D 120 mm |



**i** Please advise height 1000-3000 mm when placing the order.

### Light frame element

vertically suspended  
W 2000 x H X x D 120 mm

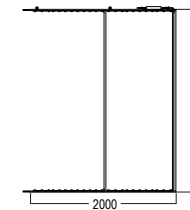


### OL 1265-2000.01

aluminium

1 x frame element made of M 1901 with bracing, for double sided back-lit graphics, LED modules (11500 lm, 100 W) and power supply unit 150 W mounted, incl. 1 x cable 2 m with Schuko plug and 3 x screw eye OL 220 for vertical ceiling suspension

W 2000 x H X x D 120 mm |



**i** Please advise height 1000-3000 mm when placing the order.

## Products

### octalumina 120

#### Light frame element

vertically suspended  
W 1000 × H X × D 120 mm

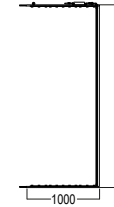


#### OL 1265-1000.01

aluminium

1 × frame element made of M 1901 with bracing, for double sided back-lit graphics, LED modules (5500 lm, 48 W) and power supply unit 60 W mounted, incl. 1 × cable 2 m with Schuko plug and 2 × screw eye OL 220 for vertical ceiling suspension

W 1000 × H X × D 120 mm |



**i** Please advise height 1000-3000 mm when placing the order.

#### Light frame element

vertically suspended  
W 500 × H X × D 120 mm



#### OL 1265-500.01

aluminium

1 × frame element made of M 1901 with bracing, for double sided back-lit graphics, LED modules (2500 lm, 22 W) and power supply unit 60 W mounted, incl. 1 × cable 2 m with Schuko plug and 2 × screw eye OL 220 for vertical ceiling suspension

W 500 × H X × D 120 mm |



**i** Please advise height 1000-3000 mm when placing the order.

#### Light frame element

vertically suspended  
120 mm, custom size

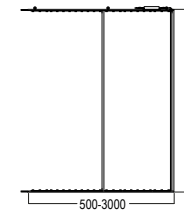


#### OL 1265-SO.01

aluminium

1 × frame element made of M 1901 with bracing, for double sided back-lit graphics, LED modules and power supply unit mounted, incl. 1 × cable 2 m with Schuko plug and screw eye OL 220 for vertical ceiling suspension

120 mm, custom size |



**i** Custom size: Please advise width 500-3000 and height 1000-3000 mm when placing the order.

### Light frame element

Start / end element  
vertically suspended

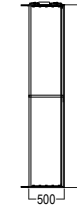


### OL 1265-E500.01

aluminium

1 x end frame element made of M 1901 with bracing and end extrusion, for double sided back-lit graphics, LED modules (2500 lm, 22 W) and power supply unit 60 W mounted, incl. 1 x cable 2 m with Schuko plug and 2 x screw eye OL 220 for vertical ceiling suspension

W 500 x H X x D 120 mm |



**Please advise height 1000-3000 mm when placing the order.**

### Light frame element

90° Corner  
vertically suspended

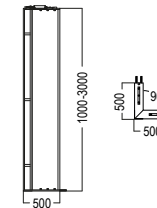


### OL 1265-W90.01

aluminium

1 x corner frame element 90° made of M 1901 with bracing, for double sided back-lit graphics, LED modules (3000 lm, 26 W) and power supply unit 60 W mounted, incl. 1 x cable 2 m with Schuko plug and 2 x screw eye OL 220 for vertical ceiling suspension

W 500 x H X x D 500 mm |



**Please advise height 1000-3000 mm when placing the order.**

### Light frame element

45° Corner  
vertically suspended

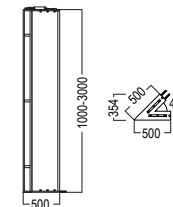


### OL 1265-W45.01

aluminium

1 x corner frame element 45° made of M 1901 with bracing, for double sided back-lit graphics, LED modules (3000 lm, 26 W) and power supply unit 60 W mounted, incl. 1 x cable 2 m with Schuko plug and 2 x screw eye OL 220 for vertical ceiling suspension

W 500 x H X x D 354 mm |



**Please advise height 1000-3000 mm when placing the order.**

### Light frame element

**60° Corner  
vertically suspended**

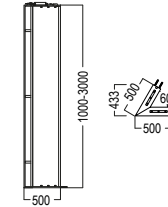


### OL 1265-W60.01

aluminium

1 × corner frame element 60° made of M 1901 with bracing, for double sided back-lit graphics, LED modules (3000 lm, 26 W) and power supply unit 60 W mounted, incl. 1 × cable 2 m with Schuko plug and 2 × screw eye OL 220 for vertical ceiling suspension

W 500 × H X × D 433 mm |



**1** Please advise height 1000-3000 mm when placing the order.

### Light frame element

**135° Corner  
vertically suspended**

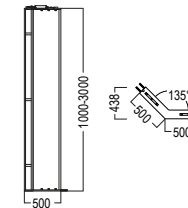


### OL 1265-W135.01

aluminium

1 × corner frame element 135° made of M 1901 with bracing, for double sided back-lit graphics, LED modules (3000 lm, 26 W) and power supply unit 60 W mounted, incl. 1 × cable 2 m with Schuko plug and 2 × screw eye OL 220 for vertical ceiling suspension

W 500 × H X × D 438 mm |



**1** Please advise height 1000-3000 mm when placing the order.

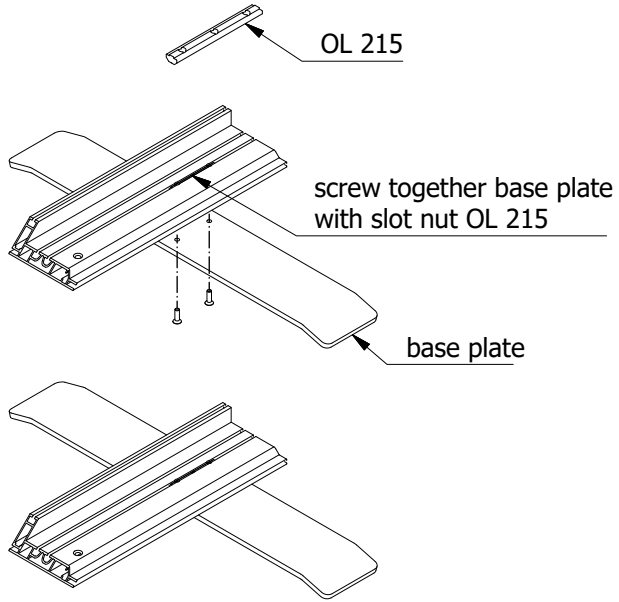
## ➤ technical information

➤ M-OL-1.1	107
octalumina 80 and 120 single-sided assembly instruction	
➤ M-OL-1.2	109
octalumina 120 double-sided assembly instruction	
➤ M-OL-1.3	111
octalumina 120 assembly instruction corner solution	
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Assembly instruction octalumina toolless	
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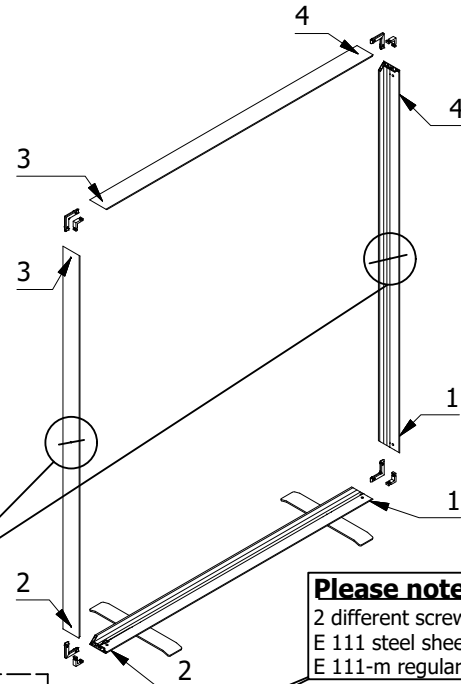
## ➤ technical information

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octalumina Dimmer OL 182 User Manual	

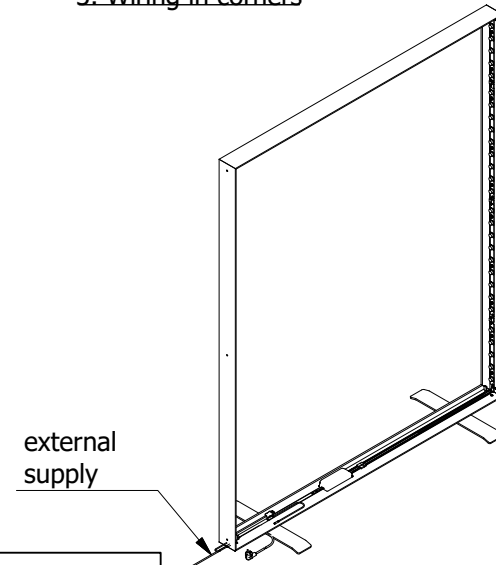
1. Mounting base plate OL 200



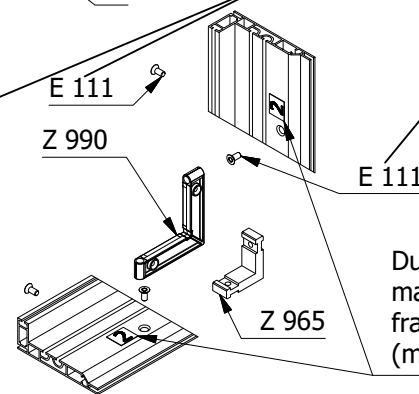
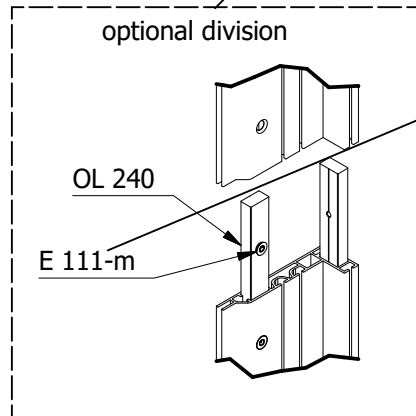
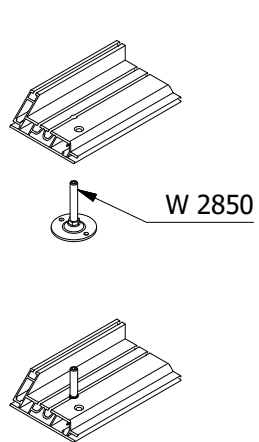
2. Mounting frame parts



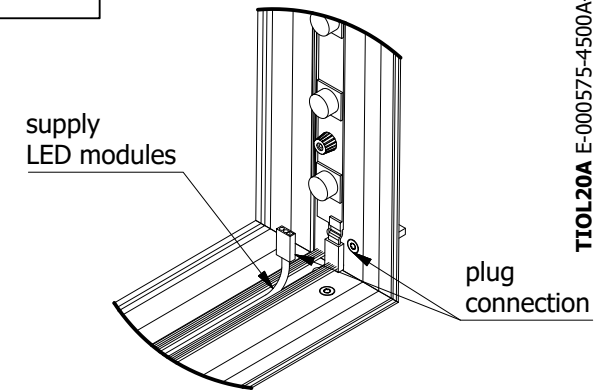
3. Wiring in corners



1a. Alternative: Mounting adjustable foot W 2850

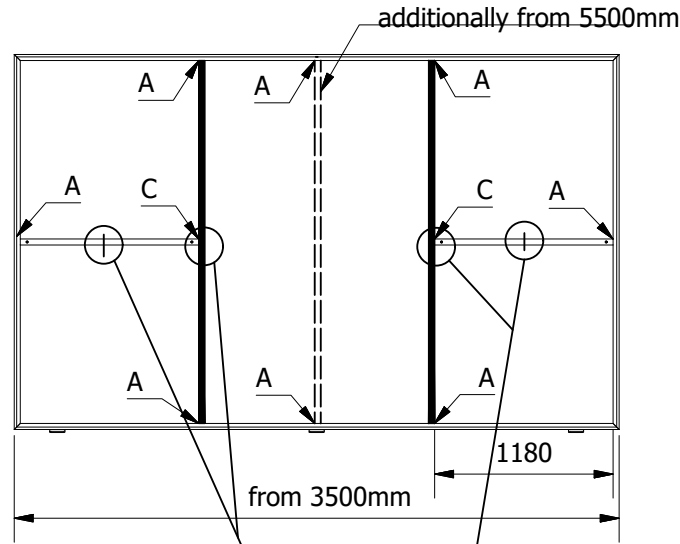
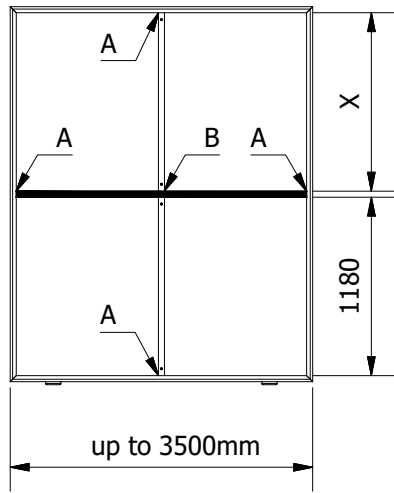


During assembly, make sure that all frame parts match (markings)

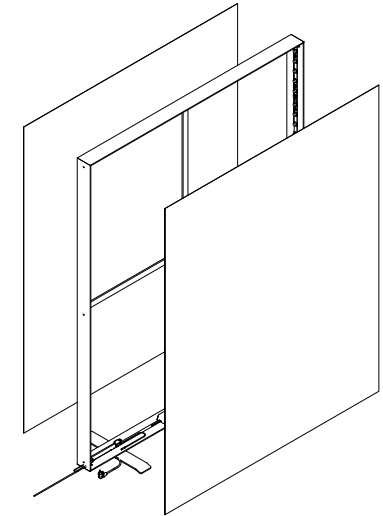


**Run function test of LEDs!**

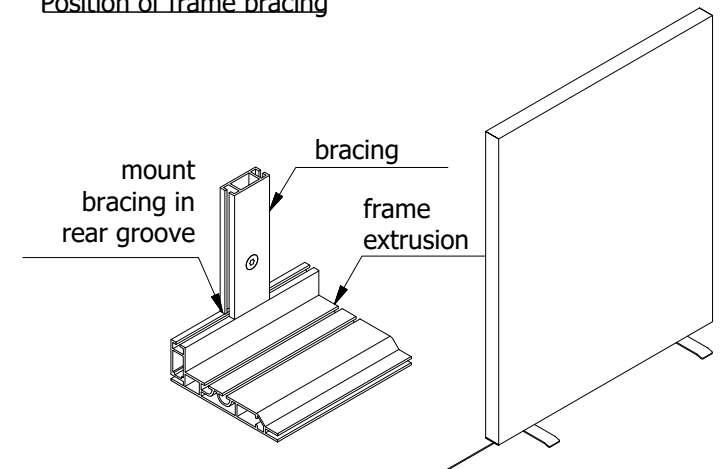
4. Mounting bracing



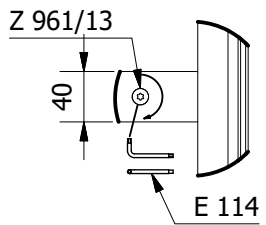
5. Mounting fabric infill



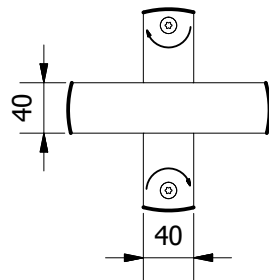
Position of frame bracing



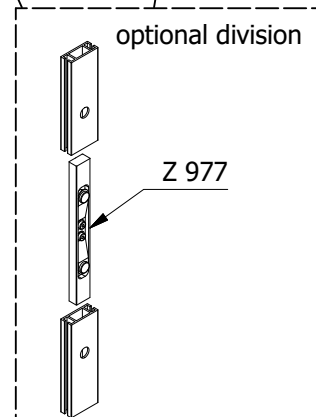
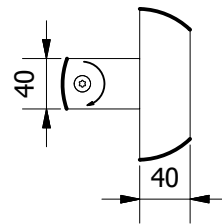
Detail A



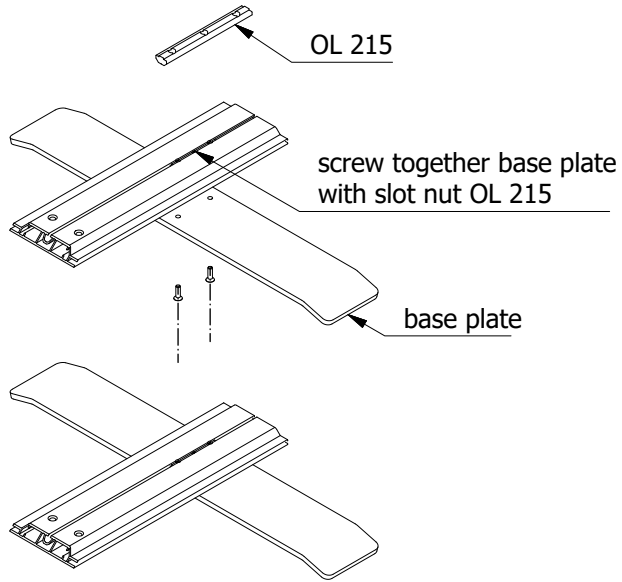
Detail B



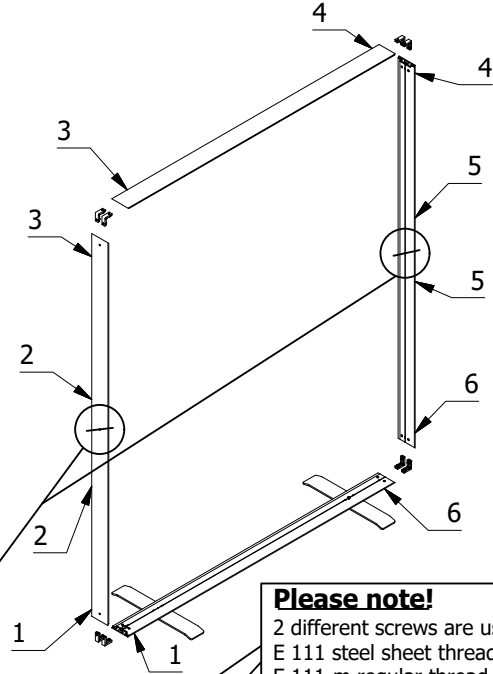
Detail C



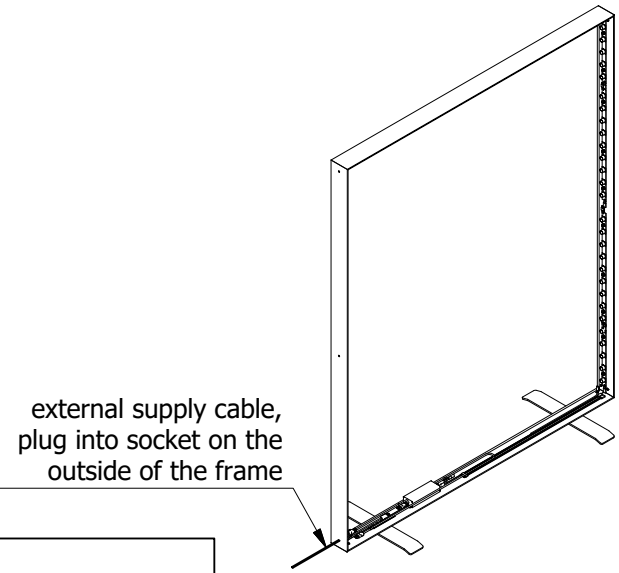
1. Mounting base plate OL 200



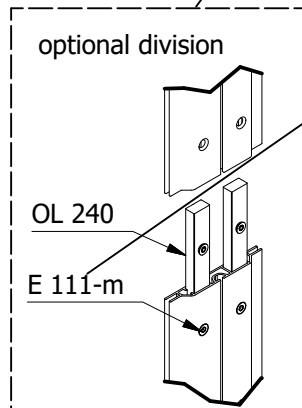
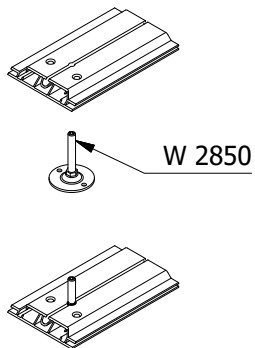
2. Mounting frame parts clockwise



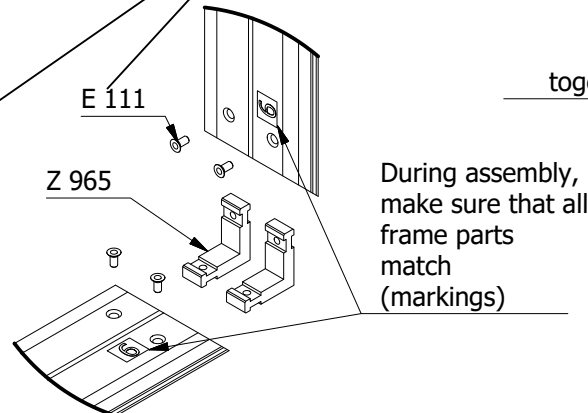
3. Wiring in corners



1a. Alternative: Mounting adjustable foot W 2850



**Please note!**  
 2 different screws are used.  
 E 111 steel sheet thread (DIN 7970)  
 E 111-m regular thread (DIN 7991)

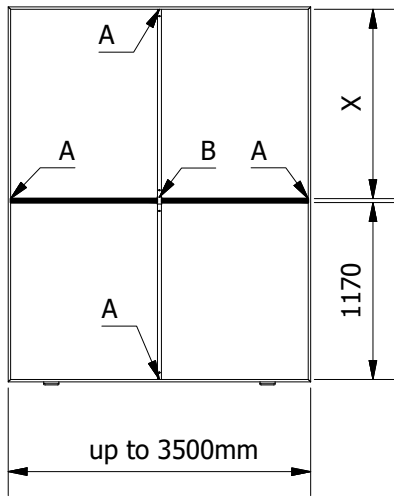


push connectors together until they click

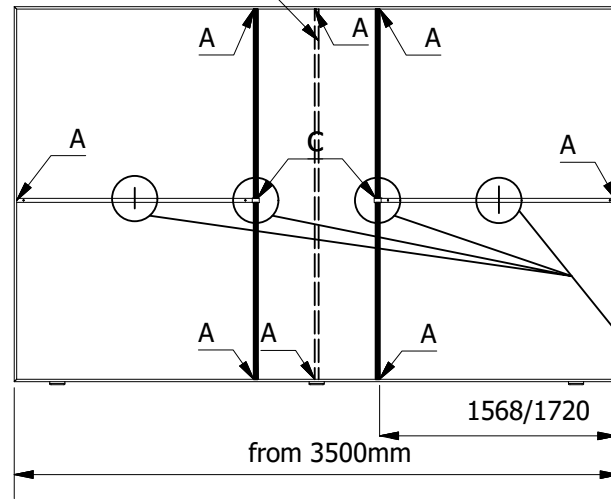
supply LED modules

**Run function test of LEDs!**

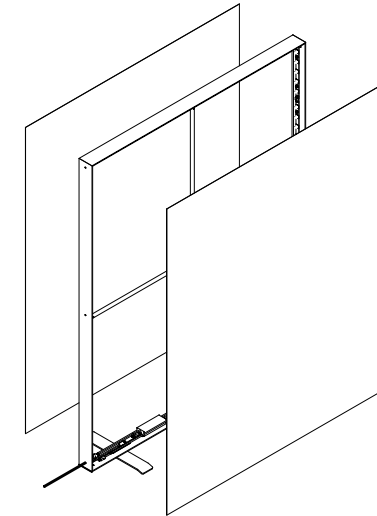
4. Mounting bracing



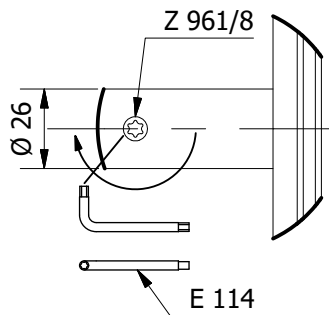
additionally from 5500mm



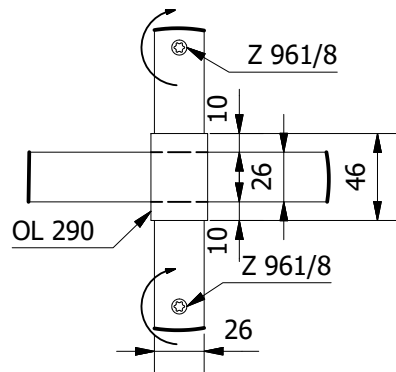
5. Mounting fabric infill



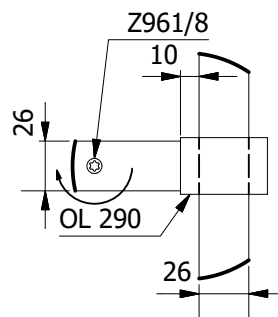
Detail A



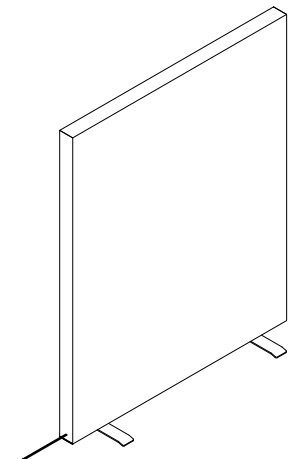
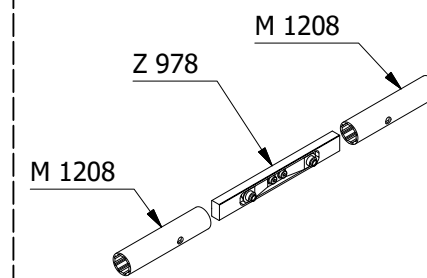
Detail B



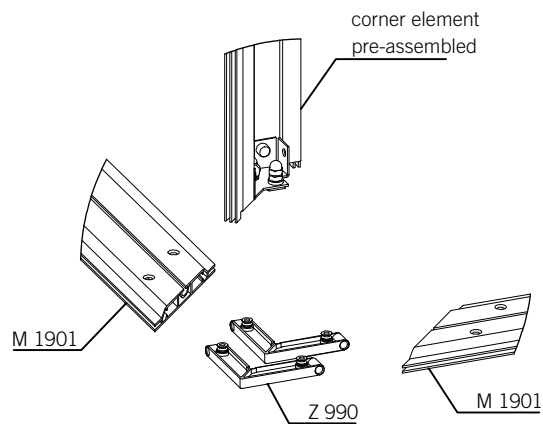
Detail C



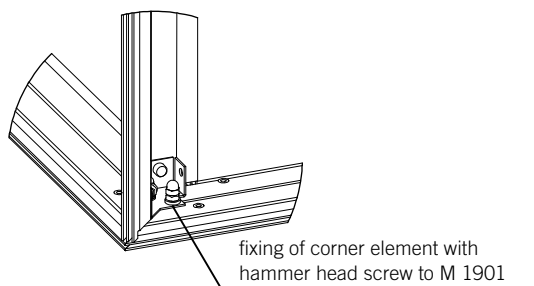
optional division



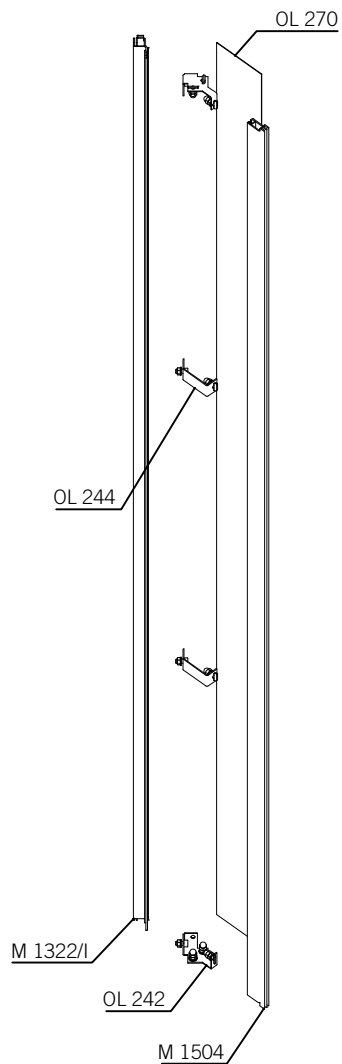
Components



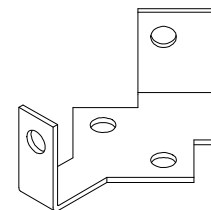
Mounting corner element



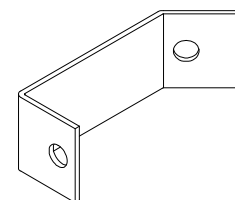
Components corner element (pre-assembled)



OL 242-0Z  
angle support top/bottom



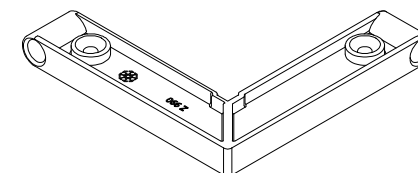
OL 244  
retainer center



M 1901  
extrusion horizontal



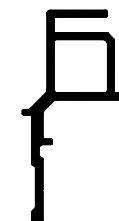
Z 990  
internal corner connector for M 1901

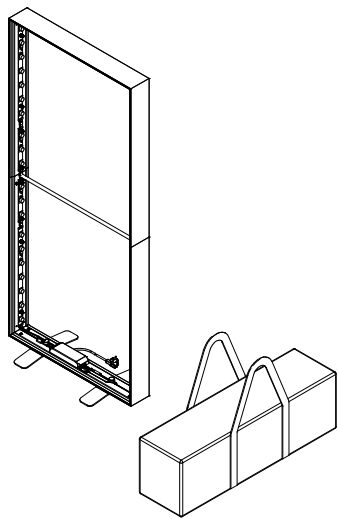


M 1504  
corner extrusion outside

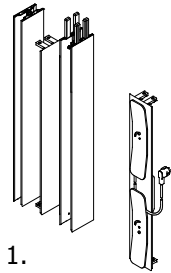


M 1322/I  
corner extrusion inside

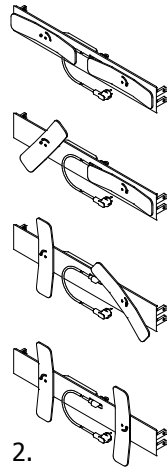




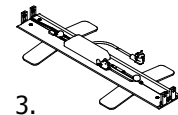
1.



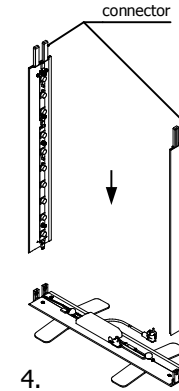
2.



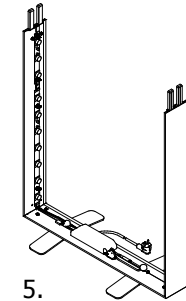
3.



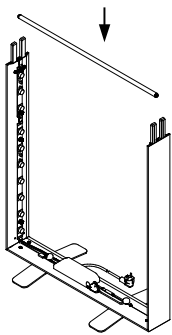
4.



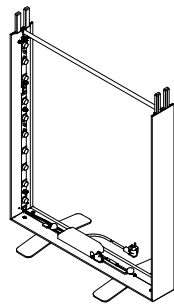
5.



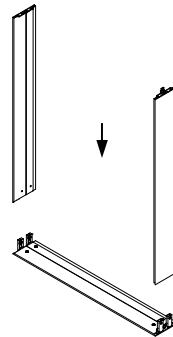
6.



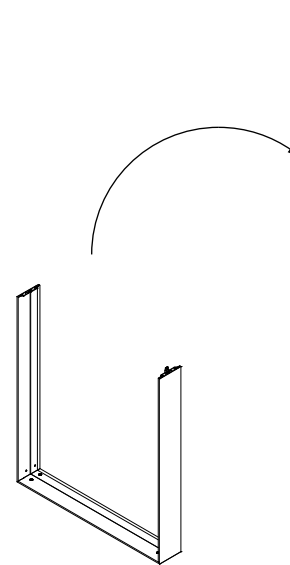
7.



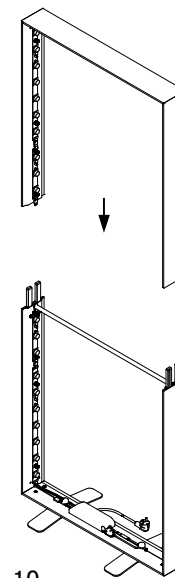
8.



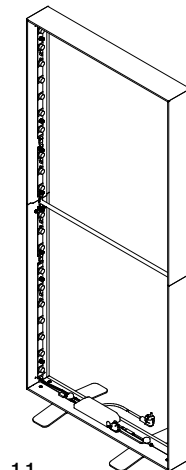
9.



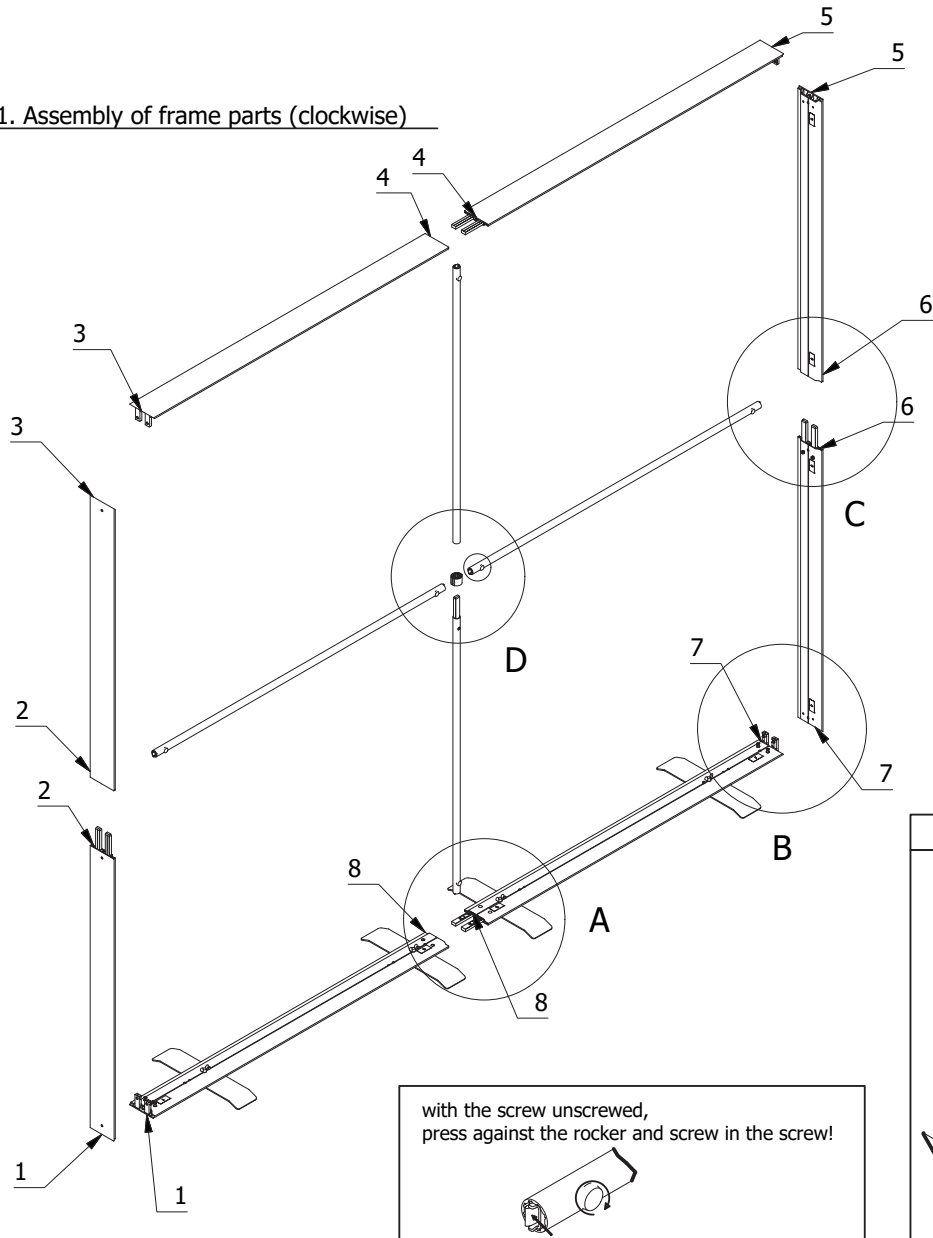
10.



11.

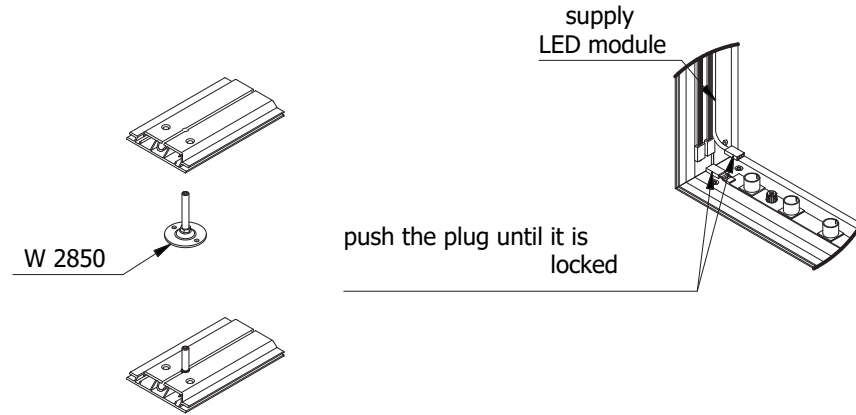


1. Assembly of frame parts (clockwise)



with the screw unscrewed, press against the rocker and screw in the screw!

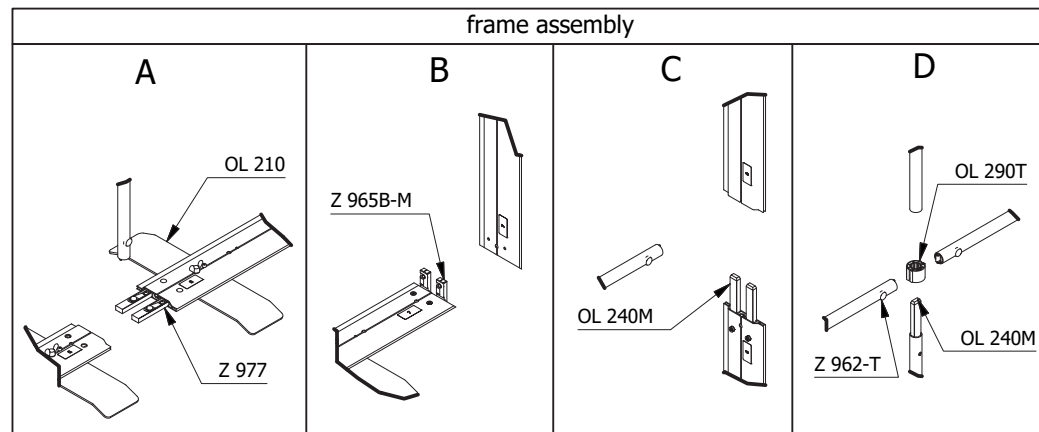
2. alternative assembly of adjustable foot W 2850

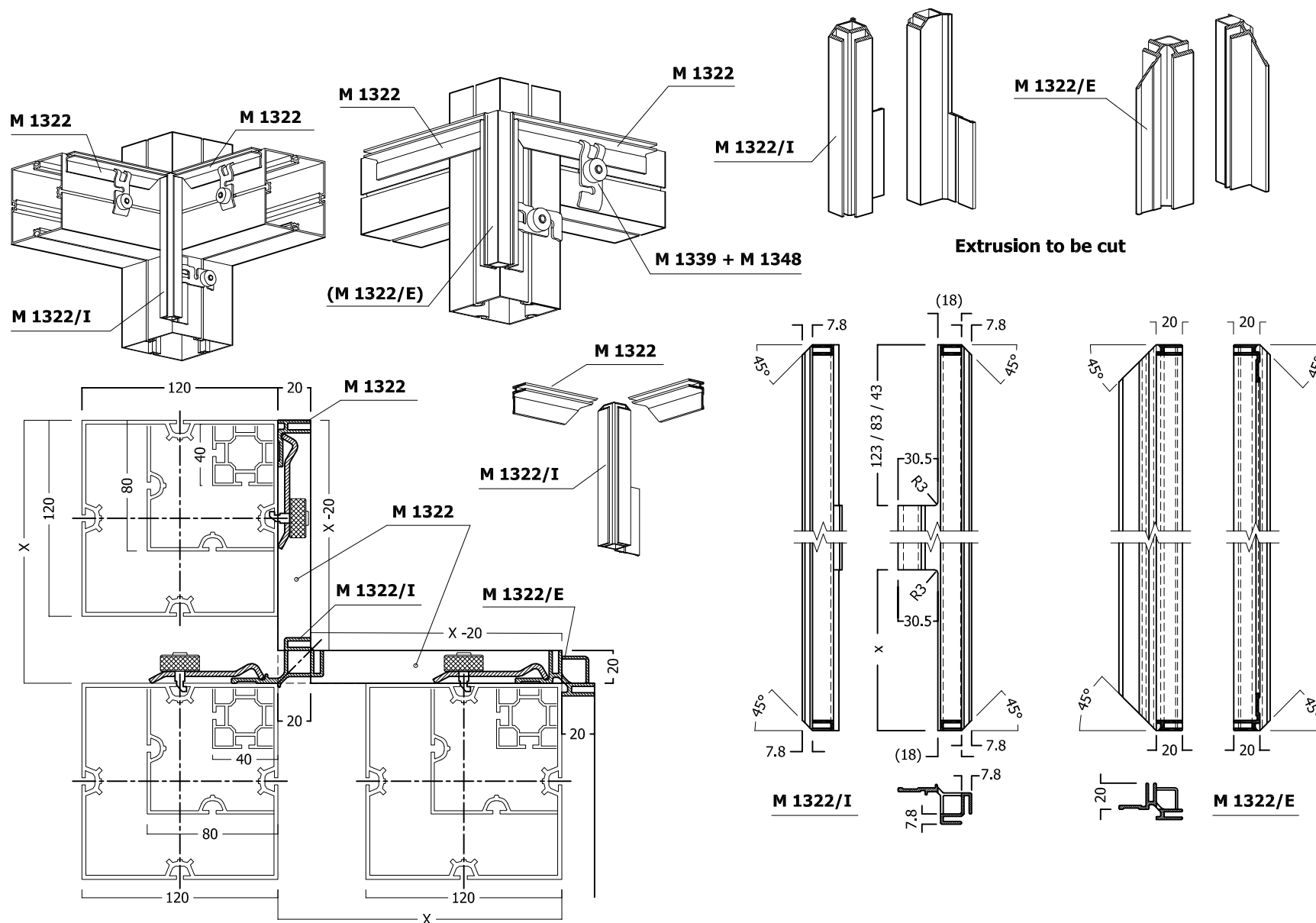


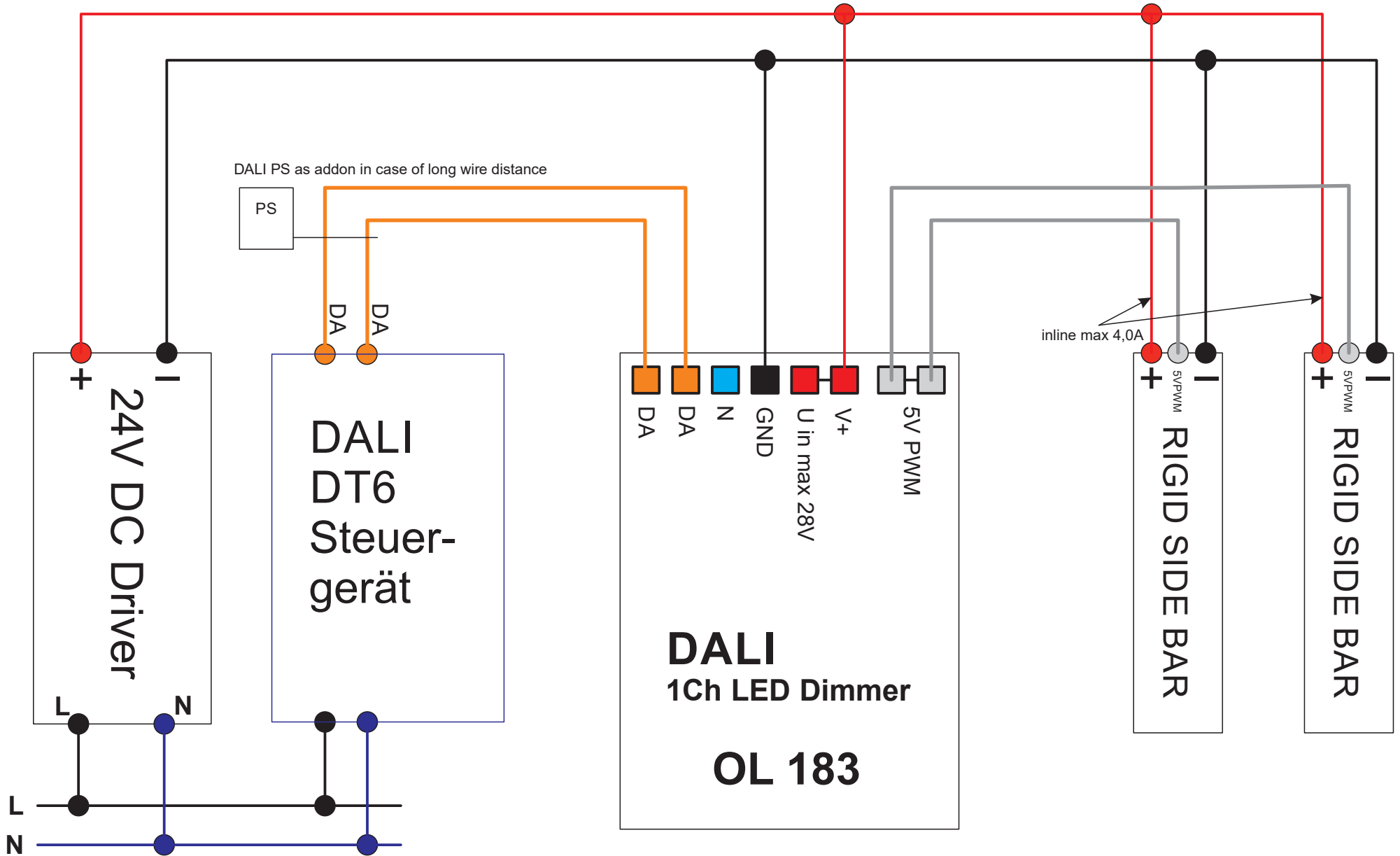
Perform functional test of LEDs

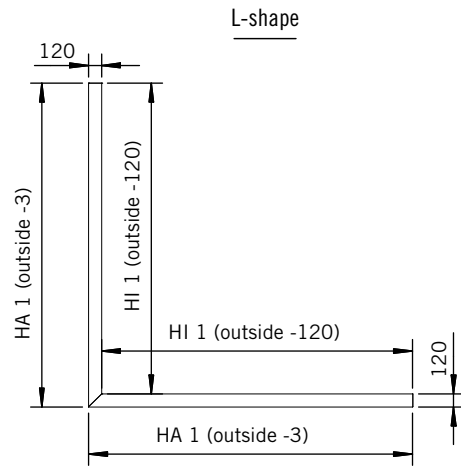
Attention!

The frame may only be moved when assembled.









size of fabric horizontal outside

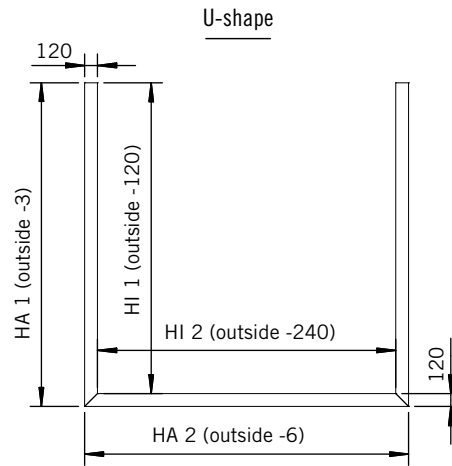
HA 1 = horizontal outside 1:

1 side extrusion M 1901 vertical,  
1 side extrusion M 1504 vertical  
**outer dimension frame -3 mm**

HA 2 = horizontal outside 2:

2 sides extrusion M 1504 vertical  
**outer dimension frame -6 mm**

**size of fabric vertical = height frame**



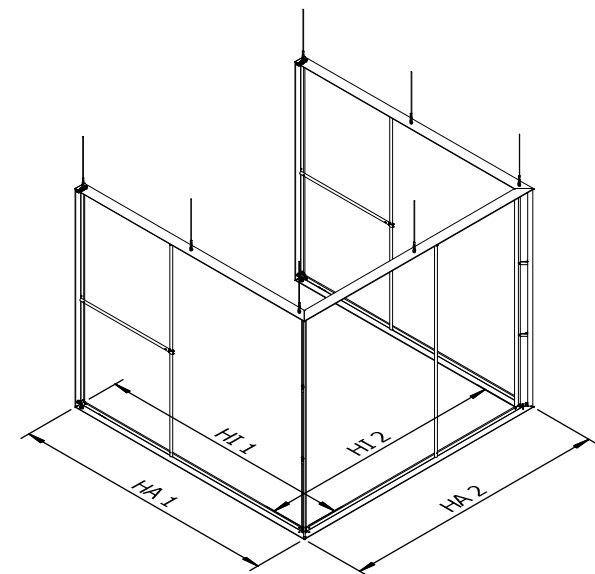
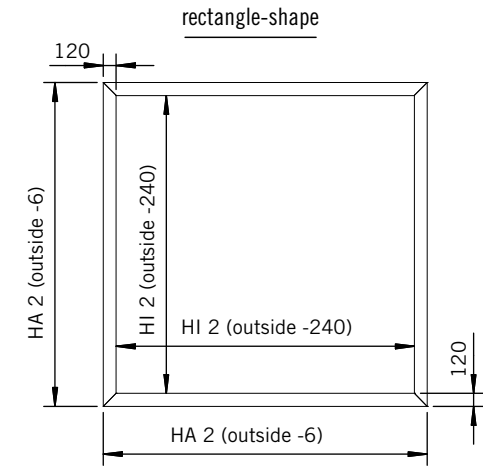
size of fabric horizontal inside

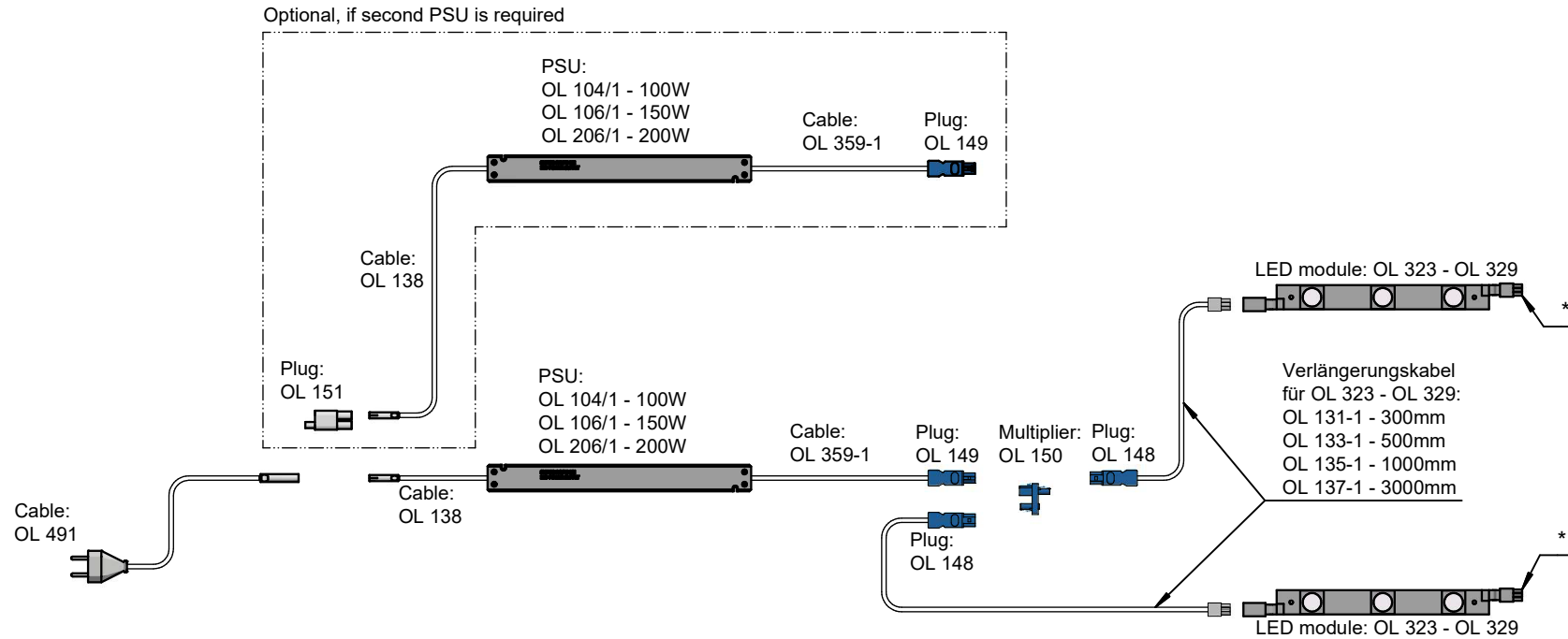
HI 1 = horizontal inside 1:

1 side extrusion M 1901 vertical,  
1 side extrusion M 1322/I vertical  
**outer dimension frame -120 mm**

HI 2 = horizontal inside 2:

2 sides extrusion M 1322/I vertical  
**outer dimension frame -240 mm**





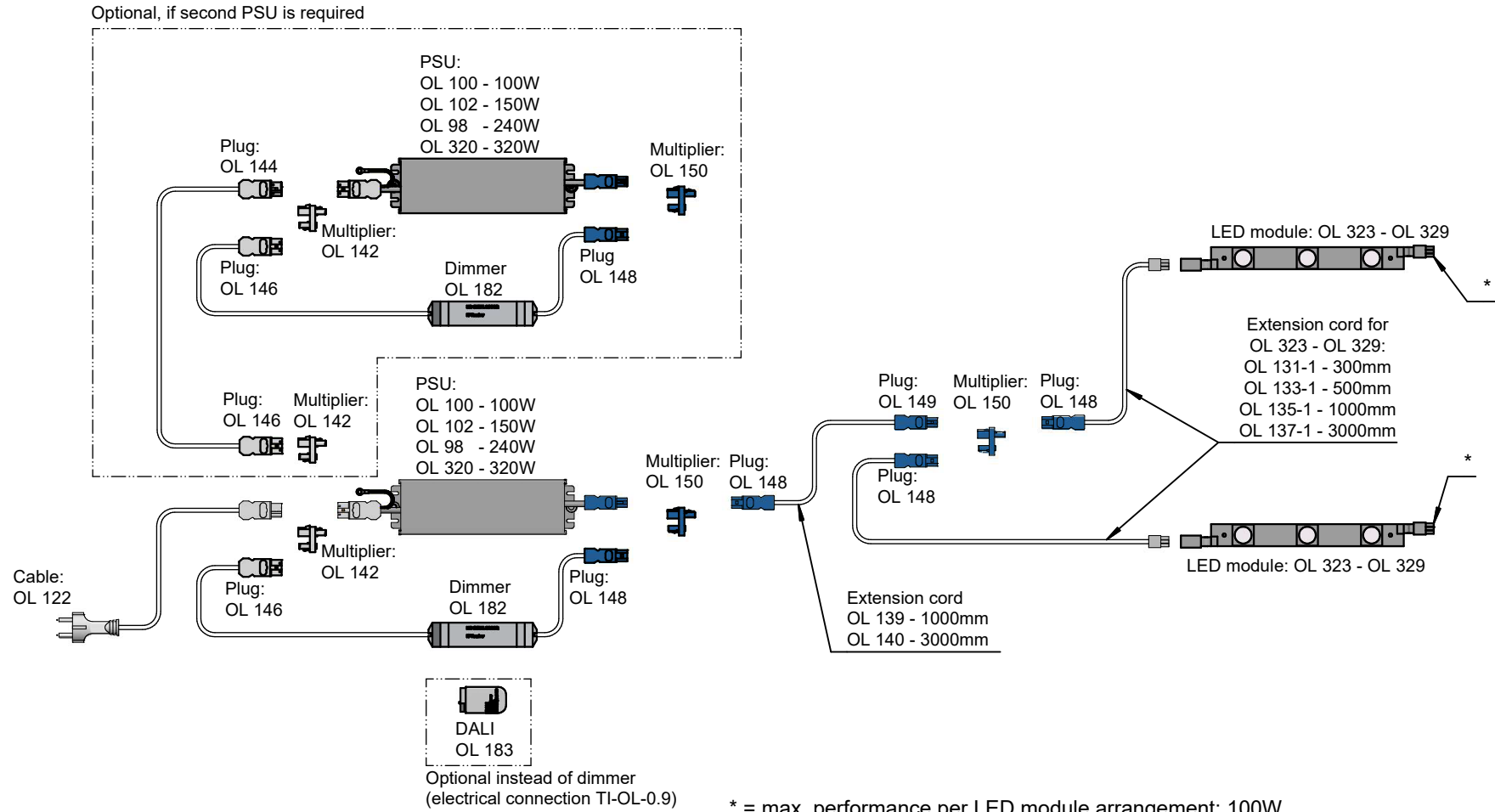
\* = max. performance per LED module arrangement: 100W

if the performance exceeds 100W, an additional infeed is necessary using extension cord OL 131-1 to OL 137-1 or OL 113-300 to OL 113-3000 (depends on type of LED module)

For longer life expectancy, we recommend to only use 80% of the PSU's maximum capacity.

one Dimmer for each PSU OL 182 (Manual Dimmer TI-OL-0.7)

performance per LED module:  
OL 323: 6,5W  
OL 325: 10,3W  
OL 327: 13,9W  
OL 329: 18,7W

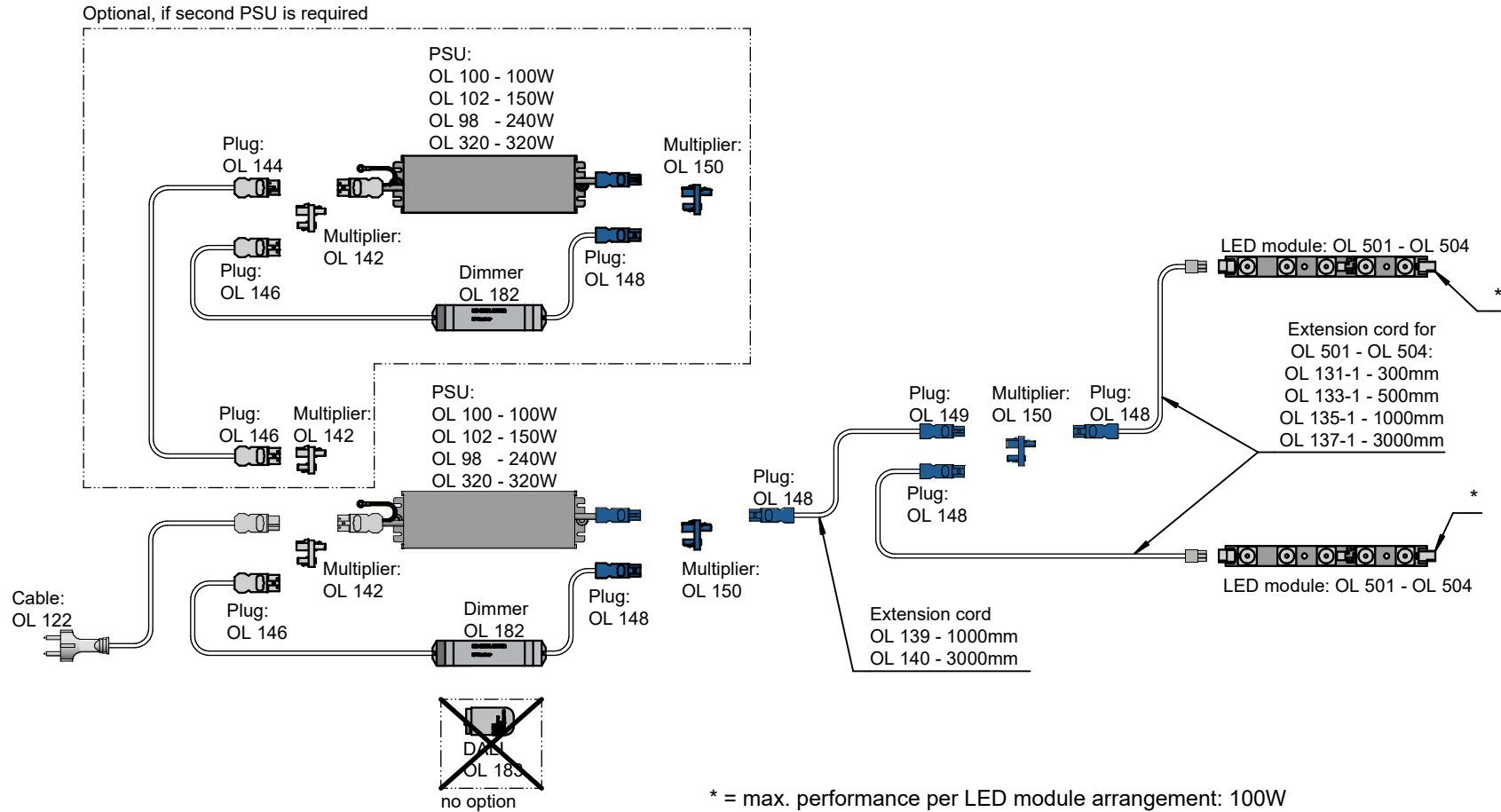


For longer life expectancy, we recommend to only use 80% of the PSU's maximum capacity.

pro Netzteil ein Dimmer OL 182 (Anschlussplan siehe TI-OL-0.7)

if the performance exceeds 100W, an additional infeed is necessary using extension cord OL 131-1 to OL 137-1 or OL 113-300 to OL 113-3000 (depends on type of LED module)

performance per LED module:  
OL 323: 6,5W  
OL 325: 10,3W  
OL 327: 13,9W  
OL 329: 18,7W



\* = max. performance per LED module arrangement: 100W

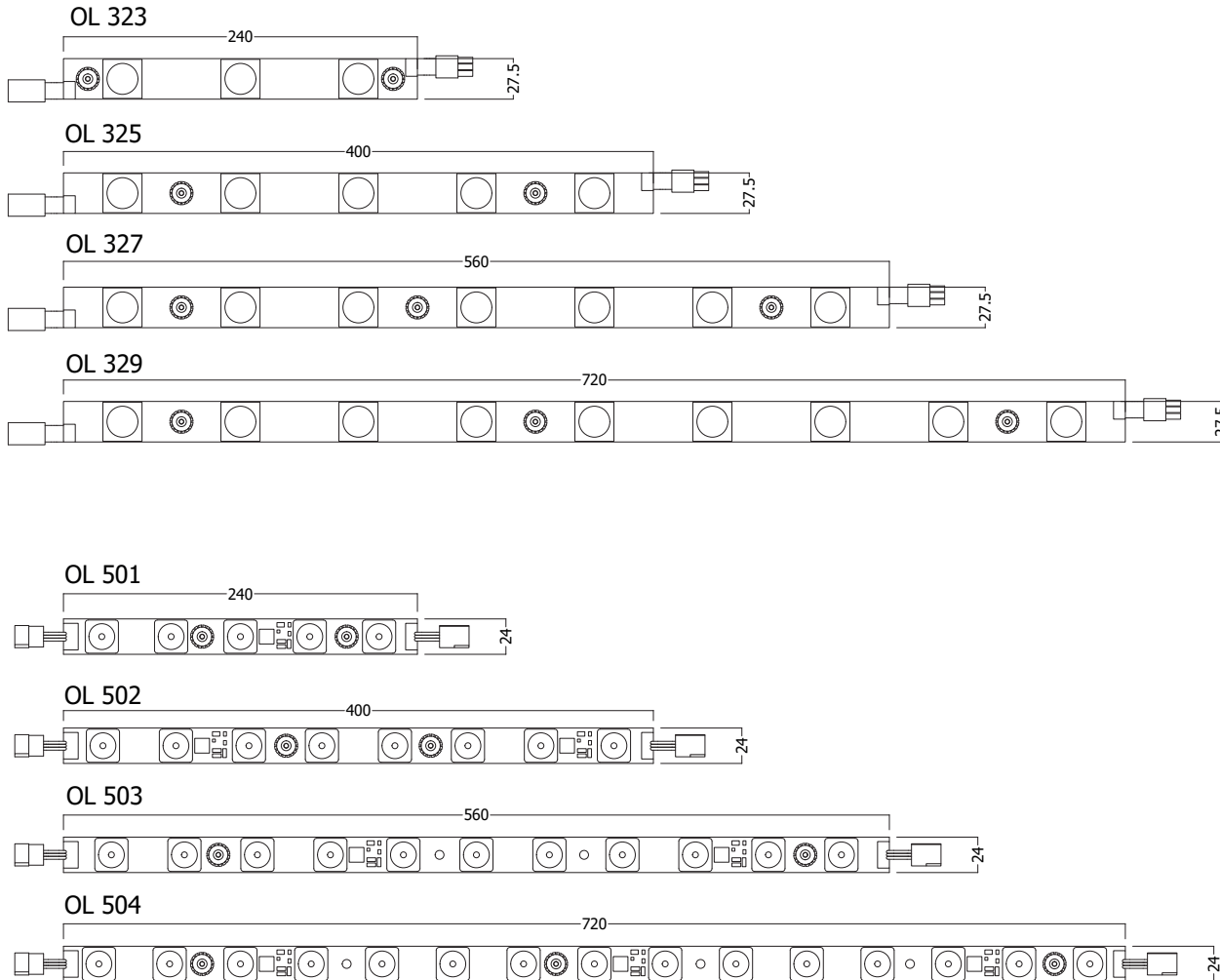
if the performance exceeds 100W, an additional infeed is necessary using extension cord OL 131-1 to OL 137-1 or OL 113-300 to OL 113-3000 (depends on type of LED module)

performance per LED module:  
OL 501: 15 W  
OL 502: 24 W  
OL 503: 33 W  
OL 504: 45 W

For longer life expectancy, we recommend to only use 80% of the PSU's maximum capacity.

one Dimmer for each PSU OL 182 (Manual Dimmer TI-OL-0.7)

Valid from 01.07.2019



### Technical data

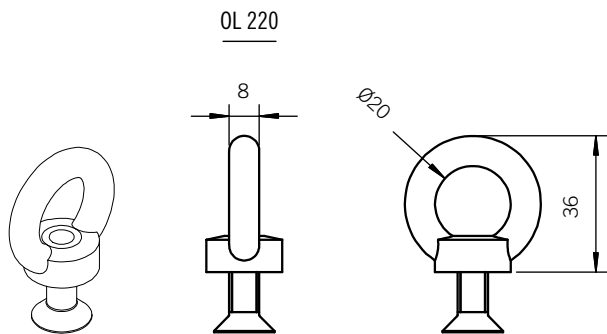
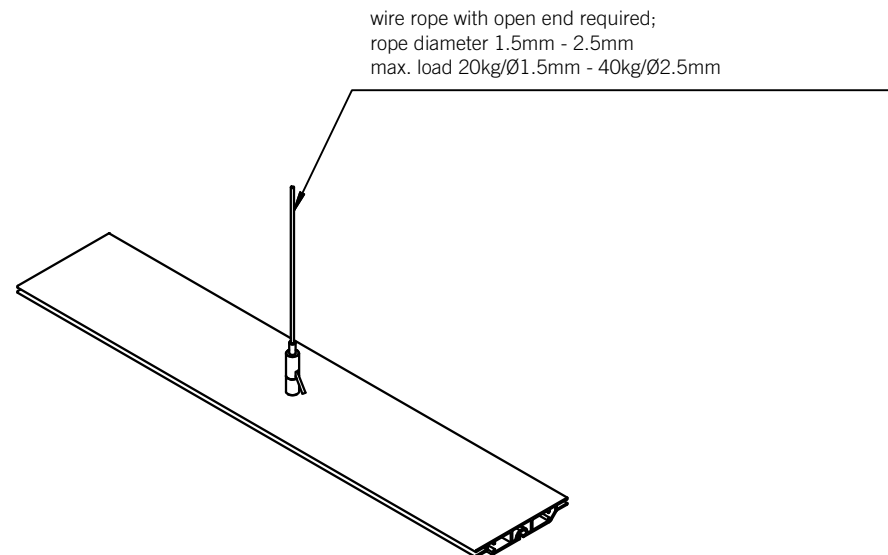
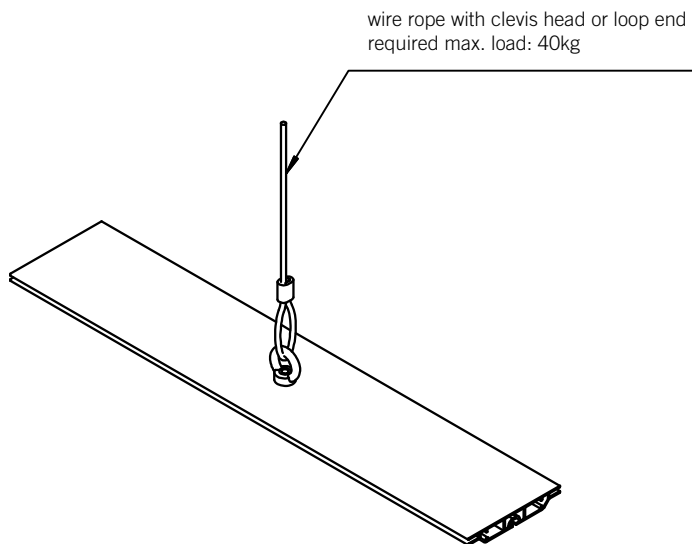
- OL 323 = 6,5 W / 750 LM
- OL 325 = 10,8 W / 1250 LM
- OL 327 = 15,12 W / 1750 LM
- OL 329 = 19,52 W / 2250 LM

- voltage : 24 V
- colour temp.: 6500 K
- plug/socket mounted
- up to frame size 3 m

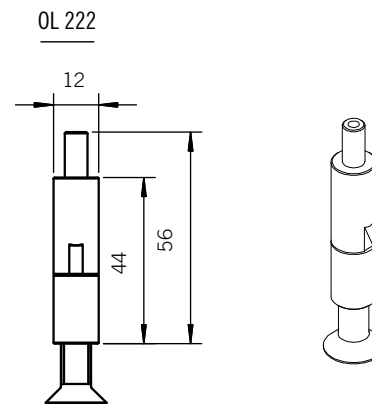
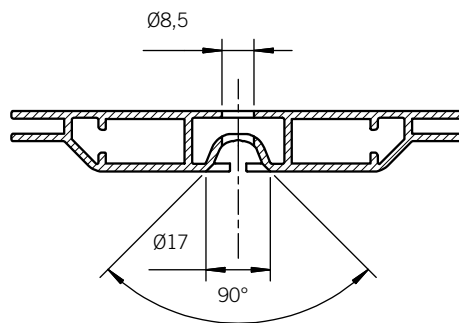
- OL 501 = 15,95 W / 1554 LM
- OL 502 = 26,40 W / 2552 LM
- OL 503 = 35,80 W / 3540 LM
- OL 504 = 48,60 W / 4604 LM

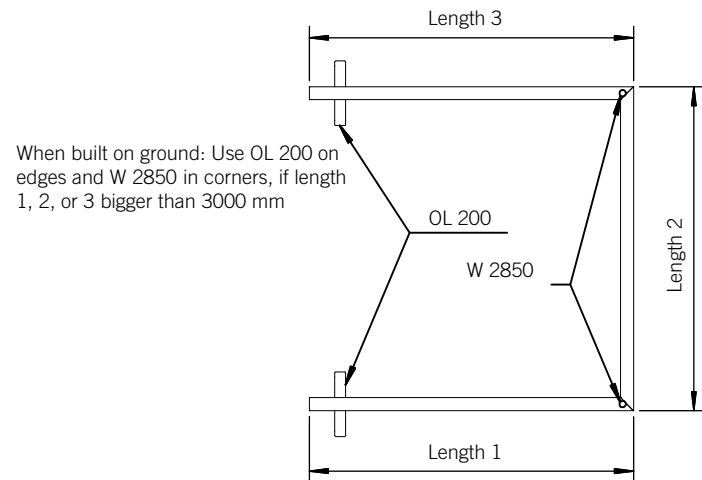
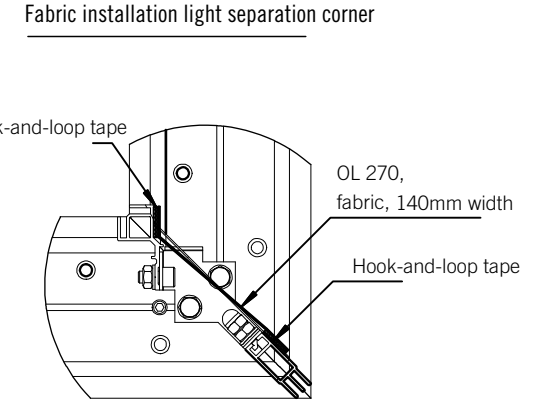
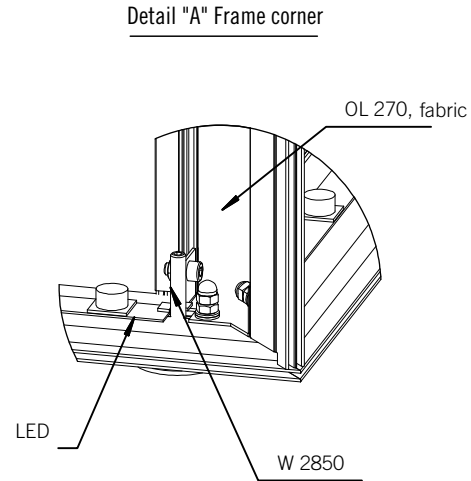
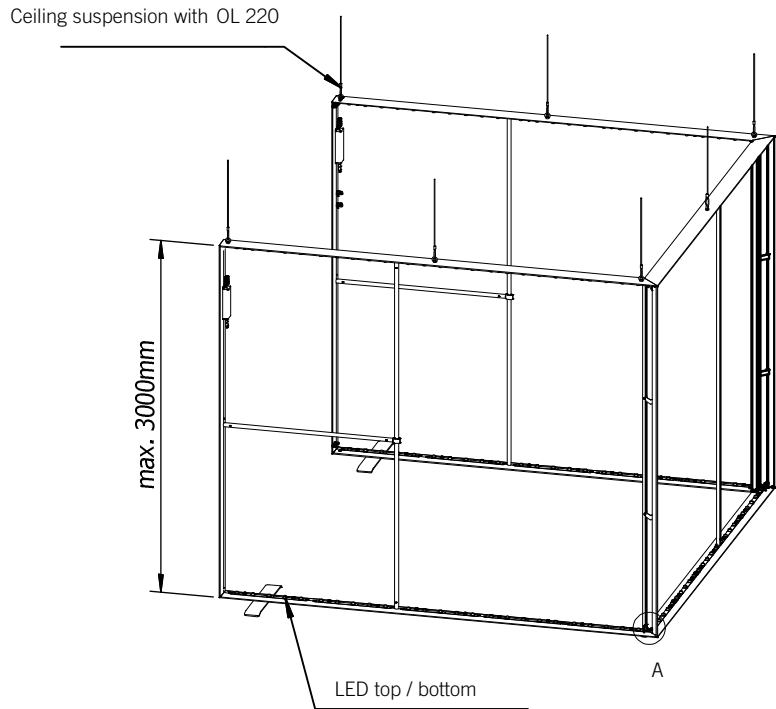
- voltage : 24 V
- colour temp.: 6000-6500K
- plug/socket mounted
- max. distance 18 mm
- use only with extrusions M 1915 and U 1060!
- up to frame size 5 m

TIOL13B E-000575-2611A-000



extrusion processing for OL 220 and OL 222

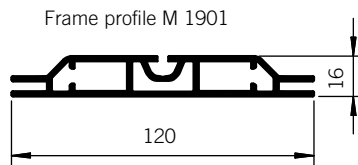




When built on ground: Use OL 200 on edges and W 2850 in corners, if length 1, 2, or 3 bigger than 3000 mm

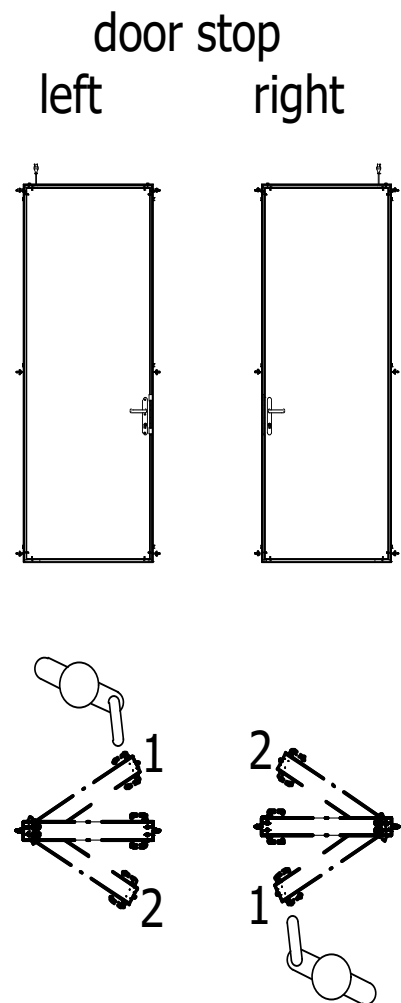
**Note:**

The light box dimensions have to be determined on order

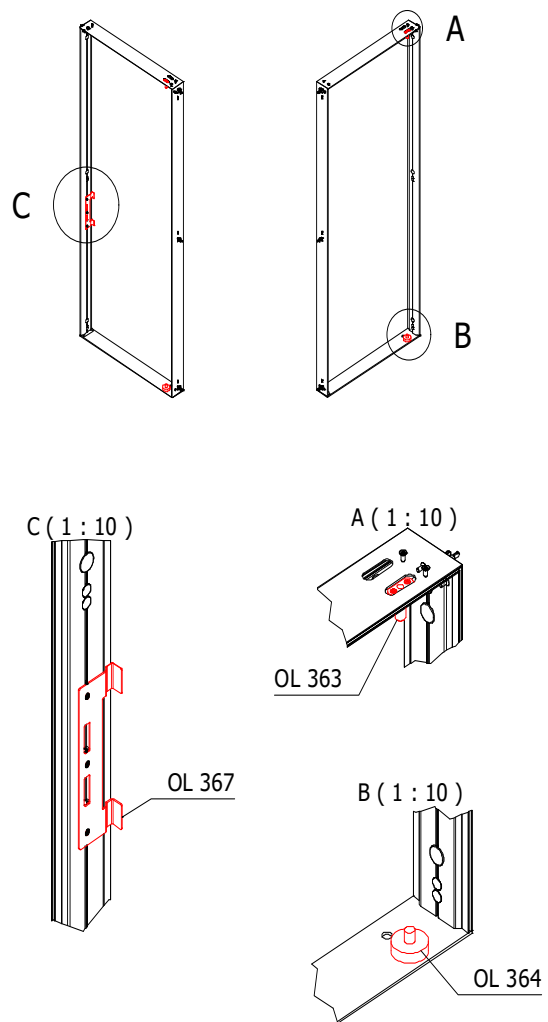


Parts list frame components			
Pos	Amount	Article no.	Description
1	2	M 1901	Profile 1 horizontal
	2	M 1901	Profile 2 horizontal
	2	M 1901	Profile 3 horizontal
	2	M 1901	Profile vertical
	3	M 1208	Strut
7	2	M 1208	Strut horizontal
	8	Z 965	Internal corner connector
9	10	Z 961/8	Tension lock
10	2	OL 290	Connector bracing
11	2	OL 200	Light box base plate
12	2	W 2850	Adjustable foot
	2	5	octalumina 120 Light box corner element

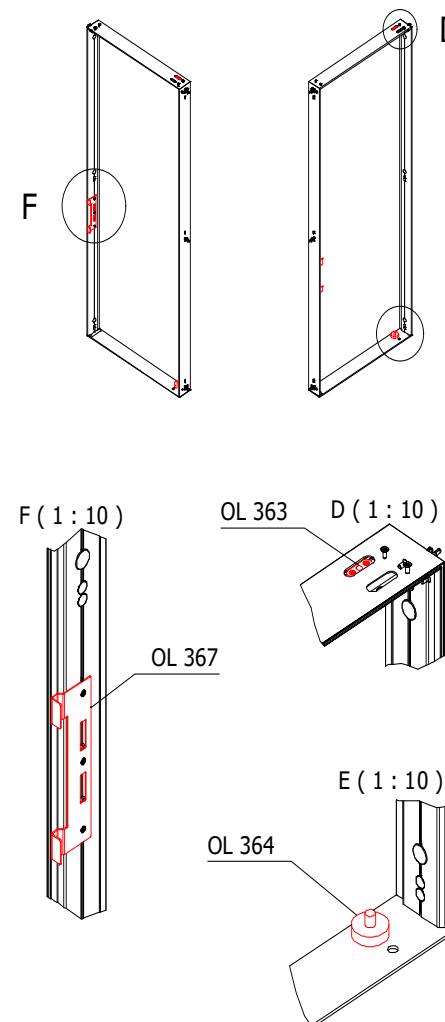
TI-OL-1.6 Subject to change 9.2015RE 19.10.2015 E-000575-5550A-T01A



1 open by "pulling"

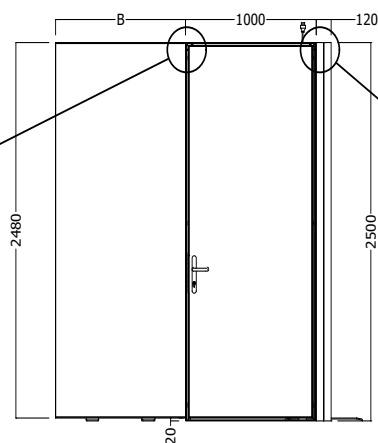
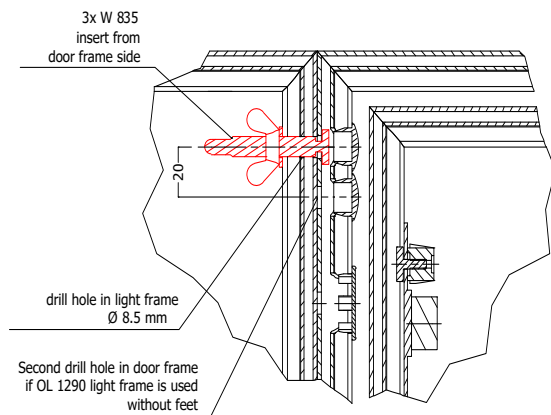


2 open by "pushing"

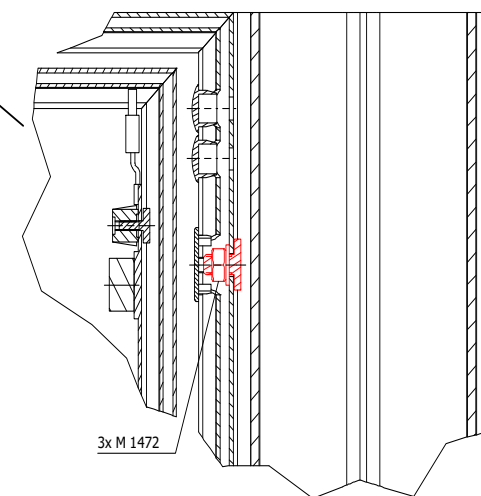


TI-OL-1.7 E-000639-0010A-T01 A In Bearbeitung

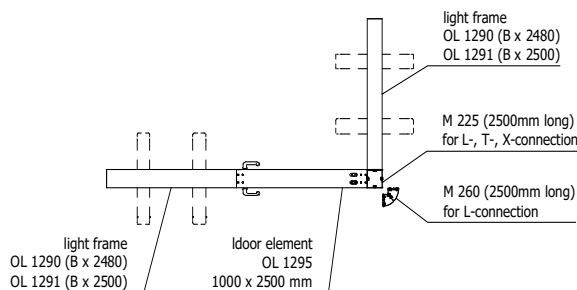
connection  
light frame OL 1290 - door frame



connection  
door frame - extrusion M 225 / M 260

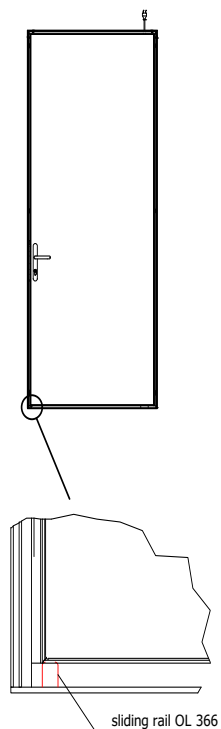


Please note!  
When using OL 1290 light frame **without** feet, there is a height offset of 20 mm **at the top** between the OL 1290 light frame and the door frame of the OL 1295 door element.  
To avoid this height offset, use the light frame OL 1291 with a height of 2500 mm instead of OL 1290.



TI-OL-1.7 E-000639-0010A-T01 A In Bearbeitung

### sliding rail OL 366

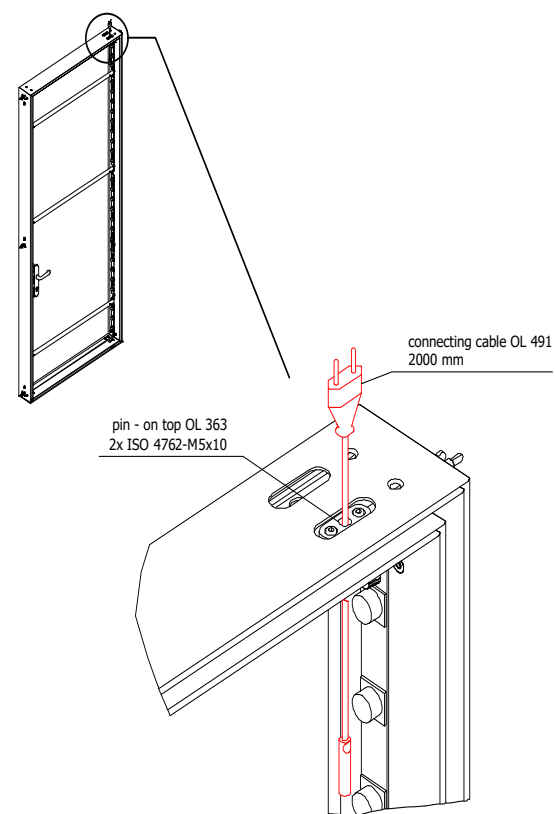


Slide rail OL 366 prevents the closed door from hanging askew in the door frame. This can be due to unstable installation conditions of the frame and the door's weight.

The OL 366 slide rail ensures parallel and uniform gap dimensions between door and frame when the door is closed. The OL 366 slide rail can be removed or inserted without tools in no time.

When the OL 366 slide rail is inserted, a slight amount of force is required to close the door.

### power supply



Power is supplied to the door via the OL 491 connecting cable. First insert the door into the frame and fix it in place using the upper hinge pin OL 363 and two cylinder screws M5x10. Then push the round plug of connecting cable OL 491 through the drill hole in the hinge pin and connect it to the power supply unit installed in the door.

TI-OL-1.7 E-000639-0010A-T01 A In Bearbeitung

## 1. Description:

This LED signal dimmer has AC 85–265 V input/output and generates 0–5 V analog signals. With our T1 wireless remote you can control the LED lamps by radio and adjust the signals. Easy to install and comfortable to use, the dimmer comes with a clear and modern design.



## 2. Specifications

### Dimmer R1 PWM 5V

- Input Voltage: AC 85–265 V
- Output Voltage: AC 85–265 V
- Max. Output Current: 10 A
- Max. Output Signal Current: 40 mA
- Output Signal: PWM 5V Signal
- Working Temp.: -30°C–55°C
- Dimensions: L 135 × W 30 × H 20 mm
- Weight: 48 g

### Remote Control T1 wireless

- Working Voltage: 3 V (CR2032)
- Working Frequency: 433.92 MHz
- Remote Distance: 40–50 m
- Working Temp.: -20°C–55°C
- Dimensions: L 106 × W 56 × H 9 mm
- Weight: 40 g

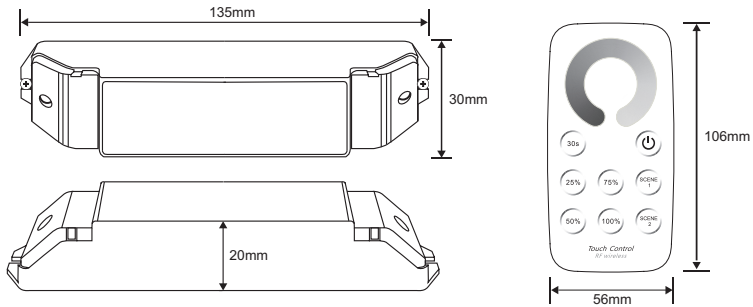
## 3. Basic Features

- The receiver automatically adapts to AC 85–265 V working voltage.
- The receiver has an AC input, isolation power supply and dimming function.
- The radio signal of the RF remote control is very strong, independent of direction and/or obstacles.
- Simple, modern design, easy handling.
- 25%, 50%, 75%, 100% – 4 brightness shortcuts and 2 DIY modes for fast dimming.
- Memory function in case of power failure.

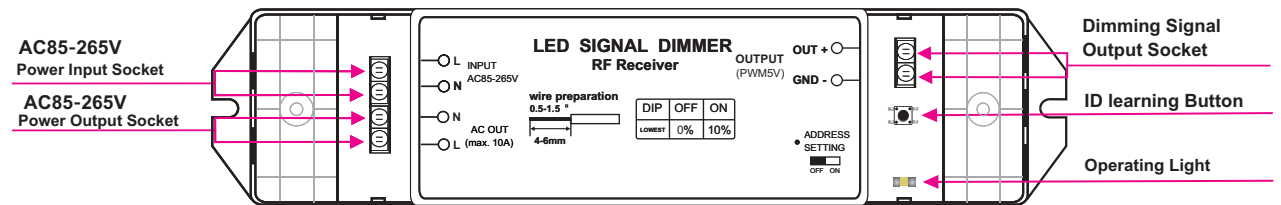
## 4. Safety Warnings

- To ensure proper use and safety, please read this manual carefully before installation.
- Do not use the controller in areas of intense magnetic and high voltage fields.
- To minimize the risk of short circuit damage or fire to the components, please ensure a proper connection.
- Only install the unit in a well ventilated and appropriately tempered environment.
- Only connect the cables when the device is switched off; check the device for correct connection or short circuit before putting it into operation.
- If problems occur, do not open the controller and do not operate it any more!
- This manual is for this model only and may be updated without prior notice.

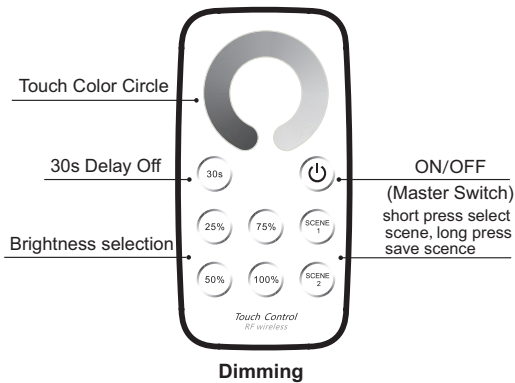
## 5. Dimensions



## 6.1 Operating Instructions Receiver



## 6.2 Operating Instructions Wireless Remote Control



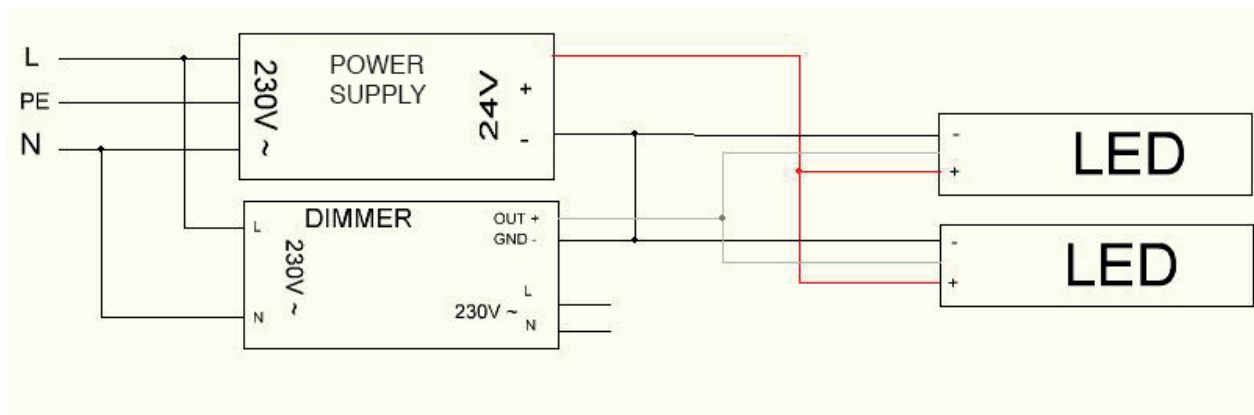
### The learning ID method of remote control

The remote control was set to the receiver before shipment. If you have accidentally deleted the setting, you can program it again as follows:

- Learning ID: Press the ID learning button on the receiver until the power light is on. Then press any key on the remote control until the operating light flashes several times. Done.
- Cancel ID: Press the ID learning button on the receiver for 5 seconds

- After 30 seconds without operation, the remote control automatically switches to sleep mode. Press any key to reactivate it.

## 7. Wiring Instructions



- The dimmer automatically cuts off the output voltage when the brightness signal is 0% and stops the power supply to the dimmer. Thanks to this function, it is possible to switch off the dimmer via the dimming signal.

## 8. After Sales Service

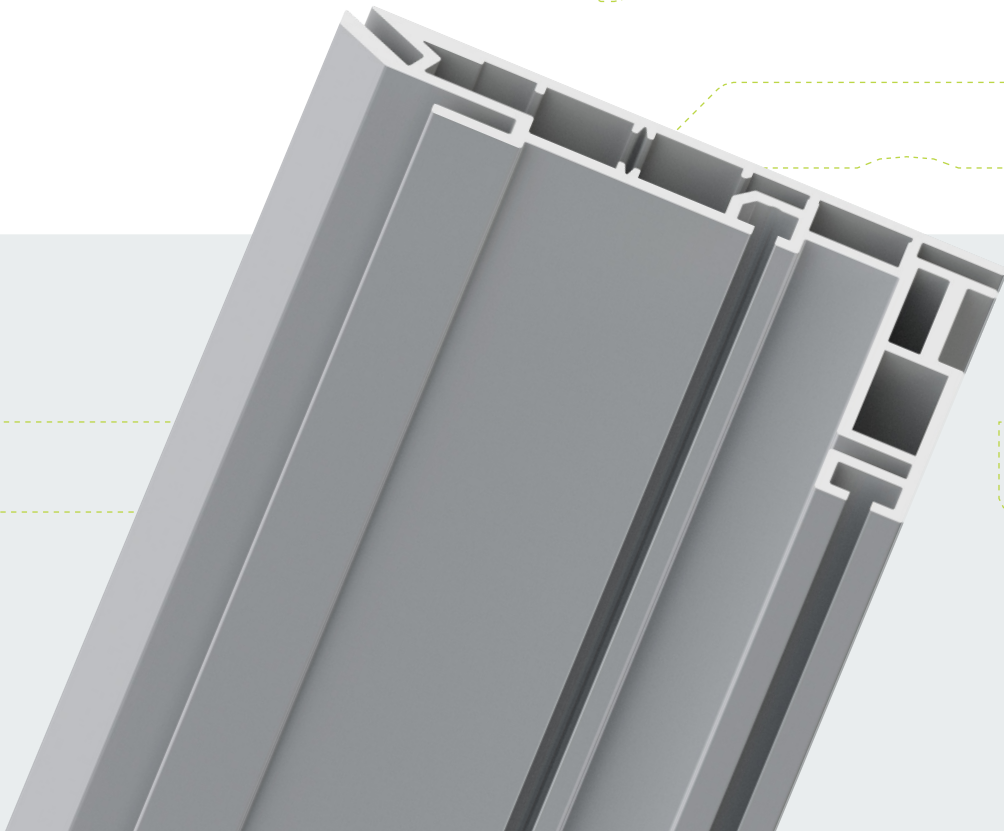
If used according to the instructions, we offer free repair or replacement services for our products for up to 2 years after the date of purchase. Excluded from this are:

- 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

# octalumina plus

↗ Technics 03/26

Light frames for room design



## ➤ Contents

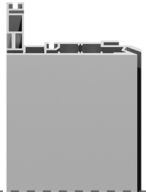
➤ <b>octalumina plus</b>	
➤ Basic parts	131
➤ Accessories	138
➤ Doors	140
➤ Electrical parts	141
➤ technical information	153

## Basic parts

### octalumina plus

#### Tension fabric extr.

plus, 90°  
for several fabric layers

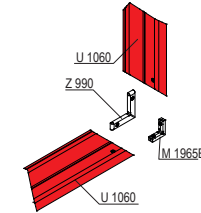
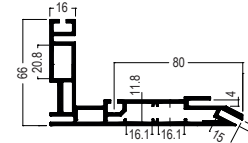


#### U 1060.01

aluminium

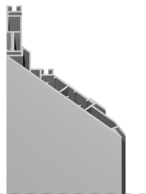
plus, 90°, for several fabric layers to create a three-dimensional effect, slanted groove without visible profile edges, for illumination graphics with silicone edge M 1313

L 6000 × W 120 × H 66 mm | 16.198 kg



#### Tension fabric extr.

plus, 45°  
for several fabric layers

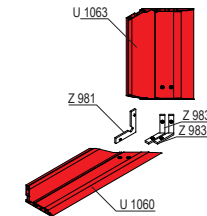
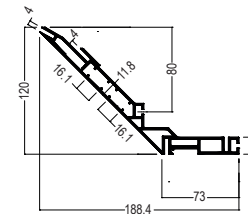


#### U 1063.01

aluminium

plus, 45°, for several fabric layers to create a three-dimensional effect, slanted groove without visible profile edges, for the construction of 90° corners in connection with frame extrusion U 1060, for illumination graphics with silicone edge M 1313

L 6000 × W 120 × H 73 mm | 21.507 kg



#### Square extrusion

4 system grooves  
L 5000 × W 120 × H 120 mm

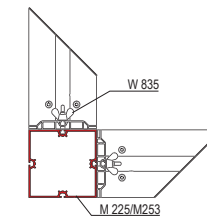
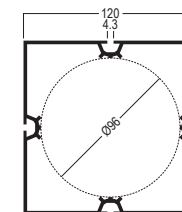


#### M 225.01

aluminium

adaptors with tension lock M 1102 / M 1122, adaptors with safety tension lock M 1124 / M 1126, with 4 system grooves

L 5000 × W 120 × H 120 mm | 19.806 kg



## Basic parts

### octalumina plus

#### Square extrusion

L 6000 x W 120 x H 120 mm  
6000 mm long

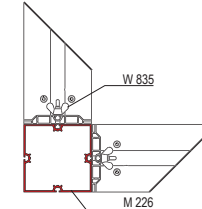
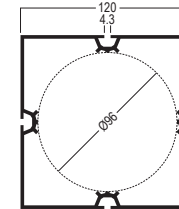


#### M 226.01

aluminium

adaptors with tension lock M 1102 / M 1122, adaptors with safety tension lock M 1124 / M 1126

L 6000 x W 120 x H 120 mm | 22.708 kg



#### Corner upright

90°  
without W 2850

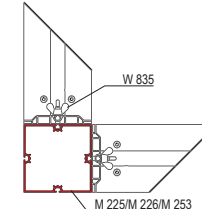
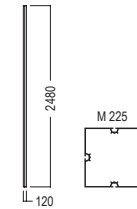


#### M 253.01

aluminium

1 x extrusion manufactured from 120 mm square extrusion M 225, without adjustable foot W 2850

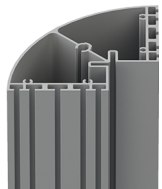
L 120 x W 120 x H 2480 mm | 9.568 kg



**Attention: without adjustable foot W 2850**

#### Corner upright extrusion

90° corner, round  
L 6000 x W 120 x H 120 mm

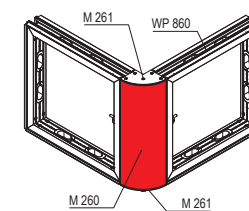
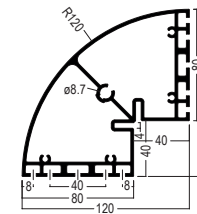


#### M 260.01

aluminium

for connecting extrusions with width 16, 40, 80, 120 mm, octawall pro or octawall 40 frames, fabric can be stretched over the extrusion

L 6000 x W 120 x H 120 mm | 25.5 kg



## Basic parts

### octalumina plus

#### Fixing set

for octalumina plus frames  
M6 × 40 mm

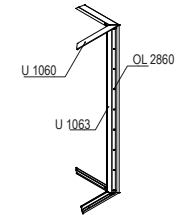
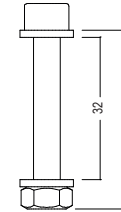


#### OL 2860.37

steel

for connection of extrusions U 1060 / U 1063, 1 × cylinder head screw M6 × 40, 8.8, DIN 912, 2 × washer A6,4 -140HV, DIN 125, 1 × hexagon nut M6, DIN 934

M6 × 40 mm | 0.015 kg



#### Fixing set

for octalumina frames  
L 57 × W 30 × H 30 mm

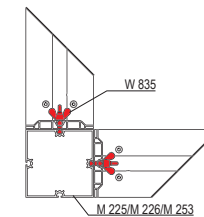
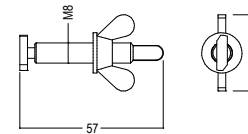


#### W 835.37

steel

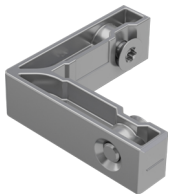
to connect 2 × octalumina frame with or without upright

L 57 × W 30 × H 30 mm | 0.033 kg



#### Corner connector

90°  
lock chamber 16 × 12 mm

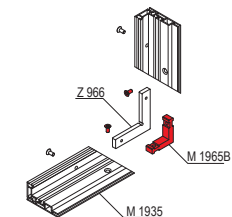
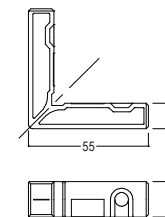


#### M 1965B.00

zinc die cast

90°, for extrusions with 16 × 12 mm tension lock chamber, with 2 × E 111 countersunk screw and E 111/20

L 55 × W 55 × H 16 mm | 0.051 kg



## Basic parts

### octalumina plus

#### Corner connector

90°  
lock chamber 21 × 12 mm

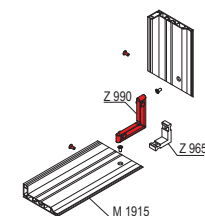
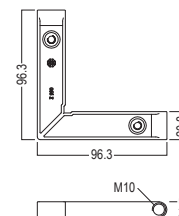


#### Z 990.00

zinc die cast

90°, for extrusions with 21 × 12 mm lock chamber, incl. 2 × M10 threads for adjustable foot C 440/F, incl. 2 × hex-star screw E 111 and E 111/20

L 96 × W 96 × H 12 mm | 0.14 kg



#### Corner connector

90°  
for extrusion U 1060 / U 1063

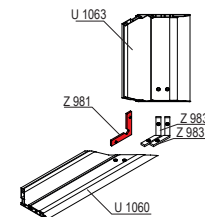
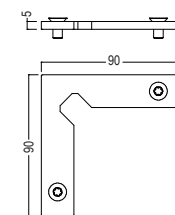


#### Z 981.37

steel

90°, for corner connection of extrusions U 1060 and U 1063, with 2 × countersunk screw E 111/m (M6), with 21 × 12 mm lock chamber

L 90 × W 90 × H 5 mm | 0.127 kg



#### Corner connector

90°, left  
for extrusion U 1060 / U 1063

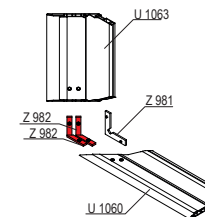
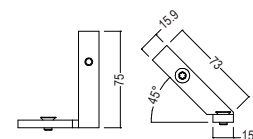


#### Z 982.00

steel

90°, left, for corner connection of extrusions U 1060 and U 1063, with 2 × countersunk screw E 111/m (M6)

L 75 × W 73 × H 5 mm | 0.035 kg



**i** Insert in frame: lower left corner and upper right corner

## Basic parts

### octalumina plus

#### Corner connector

90°, right  
for extrusion U 1060 / U 1063

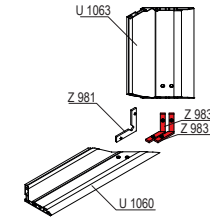
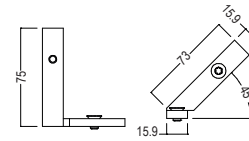


#### Z 983.00

steel

90°, right, for corner connection of extrusions U 1060 and U 1063, with 2 × countersunk screw E 111/m (M6)

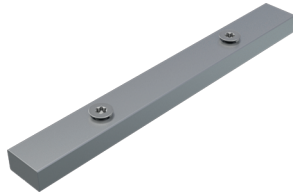
L 75 × W 73 × H 5 mm | 0.035 kg



**I** Insert in frame: lower right corner and upper left corner

#### Internal connector

straight  
lock chamber 21 × 12 mm

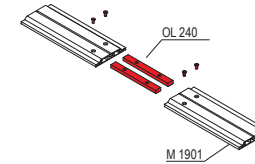
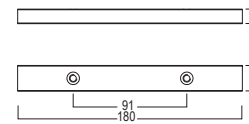


#### OL 240.00

aluminium

straight, for lateral connection of frame profiles with 21 × 12 mm lock chamber, incl. 2 × countersunk screws E 111/m (M6)

L 180 × W 21 × H 12 mm | 0.121 kg



#### Internal connector

straight  
for extrusions M 1925 / M 1935

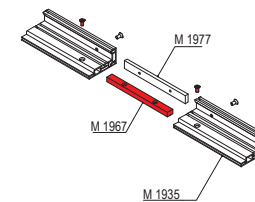
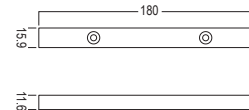


#### M 1967.00

aluminium

straight, for lateral connection of M 1925 and M 1935 frame profiles with 16 × 12 mm tension lock chamber, incl. 2 × E 111/m (M6) countersunk screw

L 180 × W 16 × H 12 mm | 0.094 kg



## Basic parts

### octalumina plus

#### Tension fabric extr.

Bracing  
L 6000 × W 80 × H 16 mm

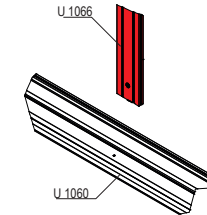
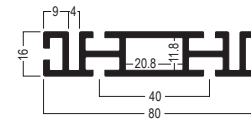


#### U 1066.85

aluminium

bracing for seamless frames, for single sided illumination graphics with silicone edge M 1313, installation of Z 961/13 tension lock possible

L 6000 × W 80 × H 16 mm | 8.254 kg



#### Beam extrusion

2 system grooves  
L 5000 × W 40 × H 16 mm

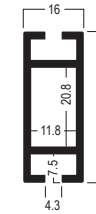


#### Z 4400.01

aluminium

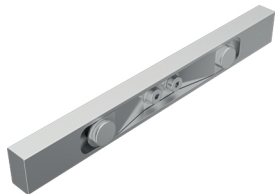
2 system grooves, tension lock Z 961/13 can be mounted, groove depth 7 mm

L 5000 × W 40 × H 16 mm | 3.2 kg



#### Internal connector

straight, toolless  
lock chamber 21 × 12 mm

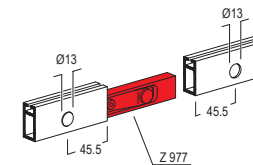
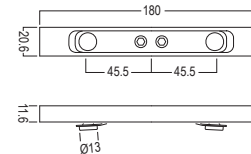


#### Z 977.90

aluminium

straight, toolless, for all beam extrusions with lock chamber 21 × 12 mm and hole 13 mm dia., with push button setting for assembly without tools

L 180 × W 21 × H 12 mm | 0.106 kg

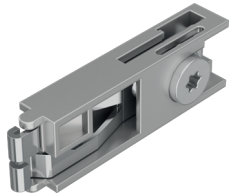


## Basic parts

### octalumina plus

#### Tension lock

13 mm  
L 70 × W 21 × H 13 mm

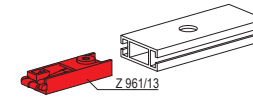
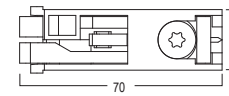
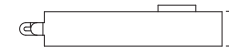


#### Z 961/13.00

zinc die cast/steel

13 mm, for all beam extrusions with lock chamber 21 × 12 mm as well as in conjunction with adaptor Z 161/A, for beam extrusions with lock chamber 39 × 12 mm

L 70 × W 21 × H 13 mm | 0.052 kg



## Accessories

### octalumina plus

#### Adjustable foot

**M10**  
L 60 × W 60 × H 75 mm

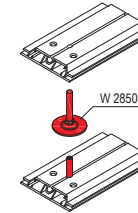
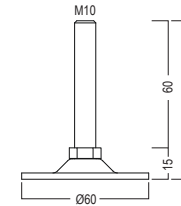


#### W 2850.37

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



#### End plate

for 80 mm extrusions  
for M 260

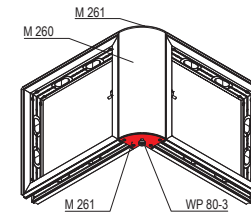
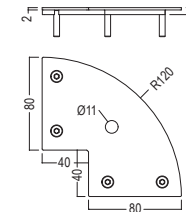


#### M 261.21

steel

for Quarter-round extrusion M 260 in connection with 80 mm extrusions, to create top and bottom horizontal fabric groove, with drilling 11 mm dia. for adjustable foot

L 120 × W 120 × H 6 mm | 0.335 kg



#### End cap

for drill hole 8 mm dia.  
L 13 × W 13 × H 12 mm

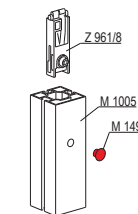
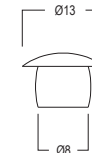


#### M 1491.35

plastic, light grey

to cover drill holes with 8 mm dia., similar to RAL 7035

L 13 × W 13 × H 12 mm |



## Accessories

### octalumina plus

#### Screw eye

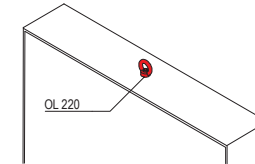
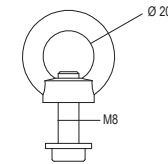
opening 20 mm dia.  
for ceiling suspension



#### OL 220.37

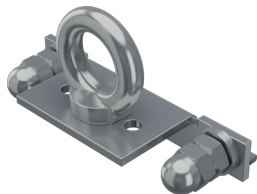
steel

for vertical ceiling suspension, opening 20 mm dia., thread M8  
L 36 × W 36 × H 25 mm | 0.063 kg



#### Universal retainer

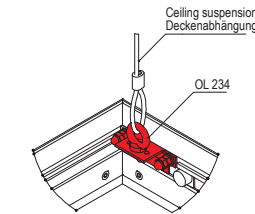
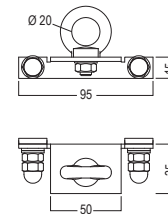
ceiling suspension/wall mount  
for extrusions M 1915/M 1935



#### OL 234.37

steel

for single sided frames, for wall mounting and horizontal ceiling suspension, with eye bolt, can be used with M 1915 and M 1935  
L 95 × W 35 × H 35 mm | 0.17 kg



after removing the eye bolt, can be used for wall mounting

## Doors

### octalumina plus

#### Door

without illumination  
W 896 × H 1991 × D 80 mm

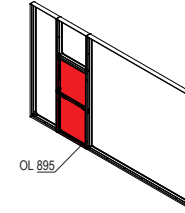
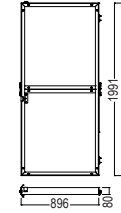


#### OL 895.90

aluminium

door element, without illumination, DIN left or DIN right, opens outwards, incl. electronic door lock, RFID access control, incl. 10 × chip card

W 896 × H 1991 × D 80 mm | 13.75 kg



**!** Attention: electronic door lock opens automatically in the event of a power cut!

**i** fabric dimensions = outer frame dimensions

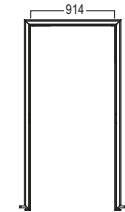
#### Door frame

W 1046 × H 2066 × D 80 mm

#### OL 897.90

aluminium

W 1046 × H 2066 × D 80 mm | 10.27 kg

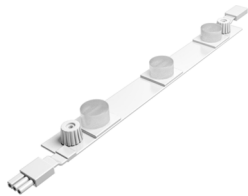


## Electrical parts

### octalumina plus

#### LED module

3 LEDs  
768 lm / 6,48 W / 24 V

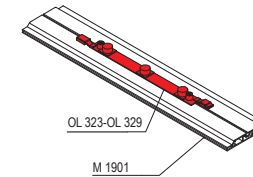
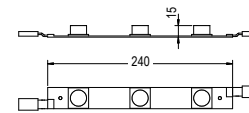


#### OL 323.90

plastic/aluminium

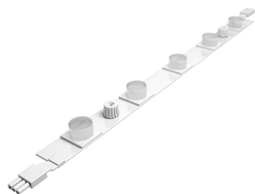
3 LEDs per unit, 6.48 W / 24 V, 6500 K, 768 lumen, with wiring for connecting to the power supply unit, incl. 2 × fixing set OL 252

L 240 × W 28 × H 15 mm | 0.058 kg



#### LED module

5 LEDs  
1280 lm / 10,8 W / 24 V

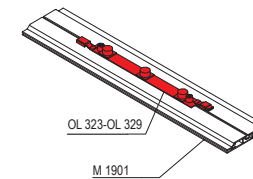
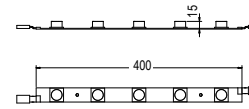


#### OL 325.90

plastic/aluminium

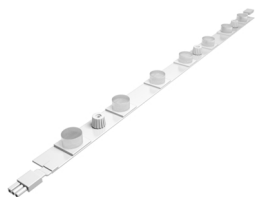
5 LEDs per unit, 10.80 W / 24 V, 6500 K, 1280 lumen, with wiring for connecting to the power supply unit, incl. 2 × fixing set OL 252

L 400 × W 28 × H 15 mm | 0.084 kg



#### LED module

7 LEDs  
1792 lm / 15,12 W / 24 V

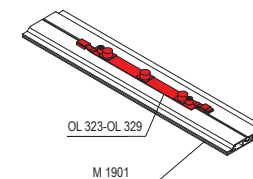
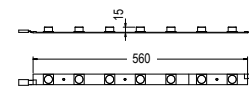


#### OL 327.90

aluminium/plastic

7 LEDs per unit, 15.12 W / 24 V, 6500 K, 1792 lumen, with wiring for connecting to the power supply unit, incl. 2 × fixing set OL 252

L 560 × W 28 × H 15 mm | 0.111 kg

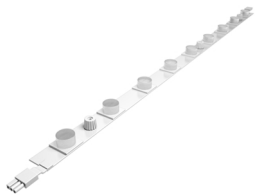


## Electrical parts

### octalumina plus

#### LED module

9 LEDs  
2300 lm / 19,52 W / 24 V

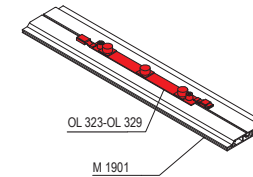


#### OL 329.90

aluminium/plastic

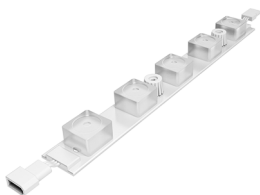
9 LEDs per unit, 19,52 W / 24 V, 6500 K, 2300 lumen, with wiring for connecting to the power supply unit, incl. 2 × fixing set OL 252

L 720 × W 28 × H 15 mm | 0.142 kg



#### LED module

5 LEDs  
1554 lm / 15 W / 24 V

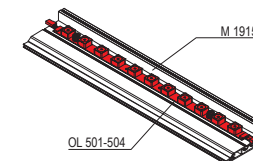
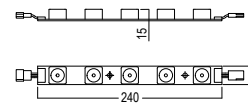


#### OL 501.90

plastic

5 LEDs per unit, 15 W / 24 V, 6500 K, 1554 lm, Power-LED module  
5 m

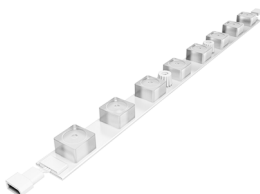
L 240 × W 24 × H 15 mm | 0.15 kg



up to 5000 mm frame height

#### LED module

8 LEDs  
2552 lm / 24 W / 24 V

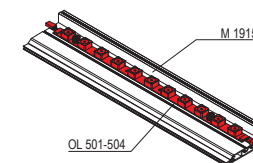
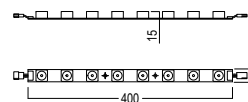


#### OL 502.90

plastic

8 LEDs per unit, 24 W / 24 V, 6500 K, 2552 lm, Power-LED module  
5 m

L 400 × W 24 × H 15 mm | 0.128 kg



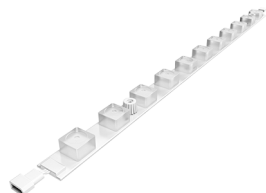
up to 5000 mm frame height

## Electrical parts

### octalumina plus

#### LED module

11 LEDs  
3540 lm / 33 W / 24 V

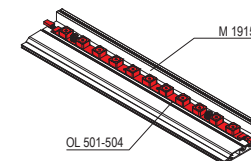
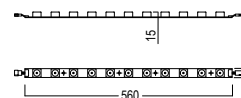


#### OL 503.90

plastic

11 LEDs per unit, 33 W / 24 V, 6500 K, 3540 lm, Power-LED Module  
5 m

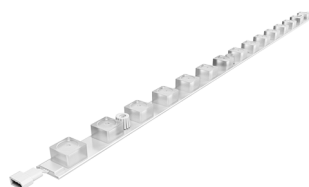
L 560 × W 24 × H 15 mm | 0.158 kg



up to 5000 mm frame height

#### LED module

15 LEDs  
4604 lm / 45 W / 24 V

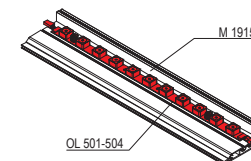
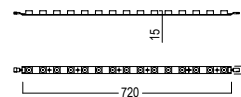


#### OL 504.90

plastic

15 LEDs per unit, 45 W / 24 V, 6500 K, 4604 lm, Power-LED module 5 m

L 720 × W 24 × H 15 mm | 0.204 kg



up to 5000 mm frame height

#### PWM Dimmer

for OL 323-329, OL 501-504  
L 135 × W 30 × H 20 mm

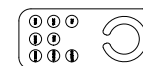
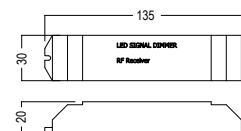


#### OL 182.90

plastic

1 × control unit and remote control for dimming of octanorm LED modules OL 323 - OL 329 and OL 501 - OL 504, Voltage AC 85 - 265 V, max. output current 10 A, max. output signal current 40 mA, output signal PWM 5 V Signal

L 135 × W 30 × H 20 mm | 0.103 kg



only in combination with OL 323-329, OL 501-504

## Electrical parts

### octalumina plus

#### Dimmer

Dali LED  
for OL 323 - OL 329

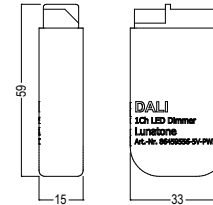


#### OL 183.90

plastic

Dali LED dimmer for octanorm LED modules OL 323 - OL 329, output can be controlled via DALI or SwitchDim2, input voltage from 12V to 48V DC, max. connection current 8A, PWM output (16Bit)

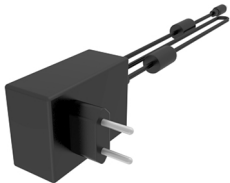
L 59 × W 33 × H 15 mm | 0.017 kg



**!** only in combination  
with OL 323 - OL 329

#### Power supply

36 W  
for LEDs

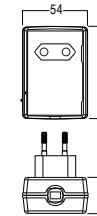


#### OL 191.90

plastic, black

for LEDs, input: 100-240 V AC, 50/60 Hz, 0.8 A, output: 24 V DC, 1.5 A, 36 W, cable length 1000 mm

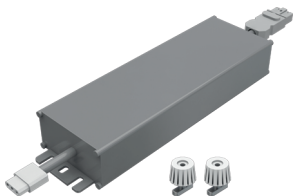
L 79 × W 54 × H 33 mm | 0.209 kg



**!** OL 149 necessary, max.  
load only up to 29 W  
recommended for long  
life soan of the LED  
power supply unit

#### Power supply

60 W  
for LEDs

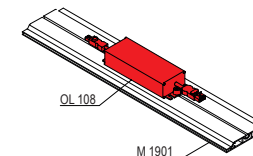
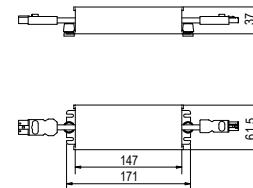


#### OL 108.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 0.64 A, Output: 24 V DC, 2,5 A, 60 W, plug connection at both ends, includes 2 × OL 252 mounting set

L 171 × W 62 × H 37 mm | 0.722 kg



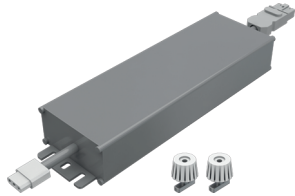
**!** max. load only up to 48  
W  
recommended for  
long life soan of the  
LED power supply unit

## Electrical parts

### octalumina plus

#### Power supply

100 W  
for LEDs

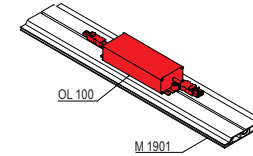
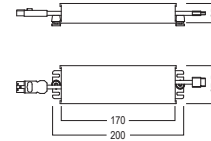


#### OL 100.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 1,1 A, output: 24 V DC, 4,16 A, 100 W, plug connection at both ends, includes 2 × OL 252 mounting set

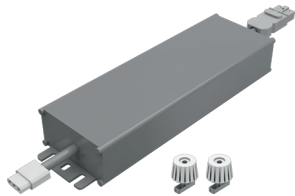
L 200 × W 65 × H 39 mm | 0.921 kg



**!** max. load only up to 80 W recommended for long life soan of the LED power supply unit

#### Power supply

150 W  
for LEDs

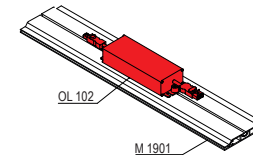
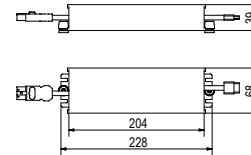


#### OL 102.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 1,7 A, output: 24 V DV, 6,3 A, 150 W, plug connection at both ends, includes 2 × OL 252 mounting set

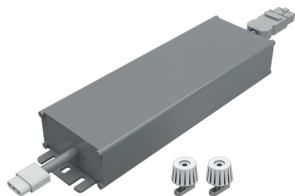
L 228 × W 68 × H 39 mm | 1.174 kg



**!** max. load only up to 120 W recommended for long life span of the LED power supply unit

#### Power supply

240 W  
for LEDs

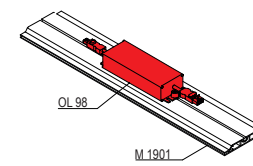
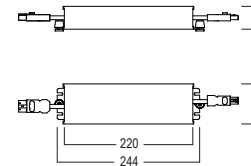


#### OL 98.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 4,0 A, output: 24 V DV, 10,0 A, 240 W, plug connection at both ends, includes 2 × OL 252 mounting set

L 244 × W 68 × H 39 mm | 1.219 kg



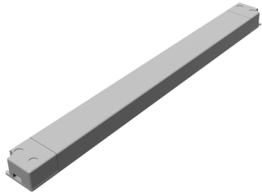
**!** max. load only up to 192 W recommended for long life soan of the LED power supply unit

## Electrical parts

### octalumina plus

#### Power supply

**100 W (Slim Line)  
installation in frame**

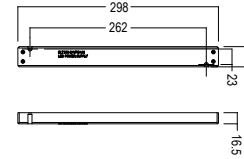


#### OL 104/1.90

plastic

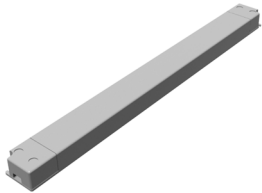
for installation in octalumina 40/80/120 frames, Input: 200-240 V AC, 50/60 Hz, 0.95 A, Output: 24 V DC, 4,17 A, 100 W

L 298 × W 30 × H 16.5 mm | 0.221 kg



#### Power supply

**150 W (Slim Line)  
installation in frame**

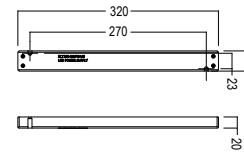


#### OL 106/1.90

plastic

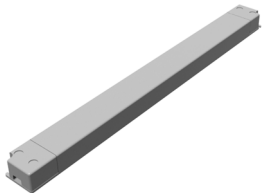
for installation in octalumina 40/80/120 frames, input: 200-240 V AC, 50/60 Hz, 1.0 A, output: 24 V DC, 6,25 A, 150 W

L 320 × W 30 × H 22 mm | 0.243 kg



#### Power supply

**200 W (Slim Line)  
installation in frame**

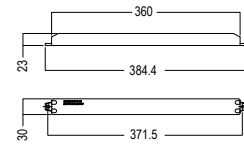


#### OL 206/1.90

plastic

for installation in octalumina 40/80/120 frames, input: 200-240 V AC, 50/60 Hz, 1.6 A, output: 24 V DC, 8,33 A, 200 W

L 360 × W 30 × H 23 mm | 0.431 kg



**Only suitable for 230 volts! Not for USA and Canada!**

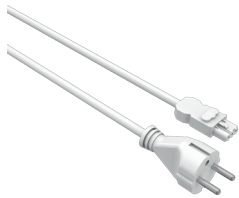
**Only suitable for 230 volts! Not for USA and Canada!**

## Electrical parts

### octalumina plus

#### Power cable

for LED PSU  
2000 mm long

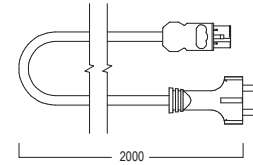


#### OL 122.90

plastic, white

Mains connection cable, socket - Schuko plug, 3 poles, rated voltage 250 V, rated current 16 A, cable type H05VV-F, conductor nominal cross-section 1.5 mm<sup>2</sup>

2000 mm long | 0.277 kg



for PSU OL 98 / OL 100  
/ OL 102 / OL 108

#### Connecting cable

external, 24V  
1000 mm long

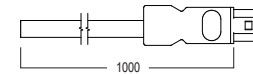


#### OL 139.30

plastic

for connecting a LED module to the power supply unit, if the distance between LED power supply and LED module is too big, incl. plug OL 148 on one side, 24 V/10 A

1000 mm long | 0.088 kg



after cutting the cable  
to size the female plug  
OL 149 has to be  
mounted on the other  
side

#### Connecting cable

external, 24V  
3000 mm long

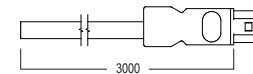


#### OL 140.30

plastic

for connecting a LED module to the power supply unit, if the distance between LED power supply and LED module is too big, incl. plug OL 148 on one side, 24 V/10 A

3000 mm long | 0.251 kg



after cutting the cable  
to size the female plug  
OL 149 has to be  
mounted on the other  
side

## Electrical parts

### octalumina plus

#### Connecting cable

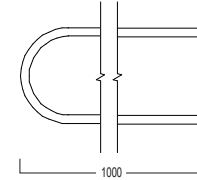
2-wire  
1000 mm long



#### OL 359-1.90

plastic, white

2 wire cable (brown, blue), PVC hose cable white  
1000 mm long | 0.057 kg



#### Extension cable

internal, 24 V  
300 mm long

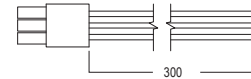


#### OL 131-1.90

plastic, white

24 V, for LED modules OL 3... and OL 5..., with plug for additional power source if series connection of LED modules exceeds 100 W, 24 V

300 mm long | 0.015 kg



**!** After adjusting the cable length, the plug OL 148 has to be attached on the other side

#### Extension cable

internal, 24 V  
500 mm long

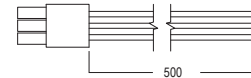


#### OL 133-1.90

plastic, white

24 V, for LED modules OL 3... and OL 5..., with plug for additional power source if series connection of LED modules exceeds 100 W, 24 V

500 mm long | 0.017 kg



**!** After adjusting the cable length, the plug OL 148 has to be attached on the other side

## Electrical parts

### octalumina plus

#### Extension cable

internal, 24 V  
1000 mm long



#### OL 135-1.90

plastic, white

24 V, for LED modules OL 3... and OL 5..., with plug for additional power source if series connection of LED modules exceeds 100 W, 24 V

1000 mm long | 0.038 kg



**!** After adjusting the cable length, the plug OL 148 has to be attached on the other side

#### Extension cable

internal, 24 V  
3000 mm long

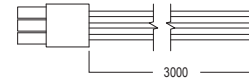


#### OL 137-1.90

plastic, white

24 V, for LED modules OL 3... and OL 5..., with plug for additional power source if series connection of LED modules exceeds 100 W, 24 V

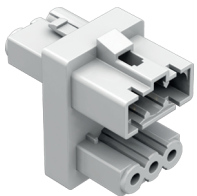
3000 mm long | 0.11 kg



**!** After adjusting the cable length, the plug OL 148 has to be attached on the other side

#### Distributor block

250 V/16 A  
for 2 x PSU

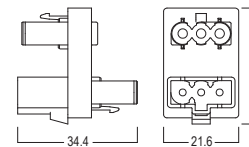


#### OL 142.90

plastic, white

for connecting two power supply units OL 100 and/or OL 102 to the 2 m long power cable OL 122, 1 input / 2 output, 3 poles, 250 V/16 A

L 32 x W 22 x H 35 mm | 0.014 kg

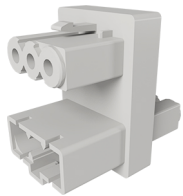


## Electrical parts

### octalumina plus

#### Distributor block

250 V/16 A  
for 3 × PSU

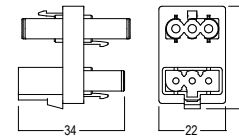


#### DL 142.90

plastic, white

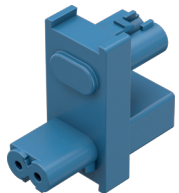
for connecting 3 power supply units to 2 m power cable OL 122, 1 input / 3 output, 3 poles, 250 V/16 A

L 36 × W 22 × H 33 mm | 0.016 kg



#### Distributor block

24V / 16A  
for 2 × LED module

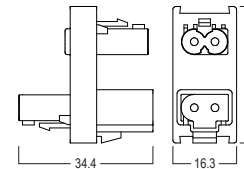


#### OL 150.30

plastic

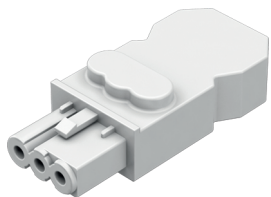
to be used in combination with OL 123 / OL 125 / OL 127 / OL 129, 2 poles, 1 input / 2 output, 24V / 16A

L 35 × W 34 × H 16 mm | 0.006 kg



#### Female connector

250V / 16A  
for DIY assembly

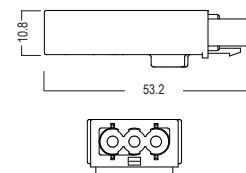


#### OL 144.30

plastic, white

for DIY assembly, 3 pole, with strain relief, use with power cable OL 122, 250V / 16A

L 53 × W 23 × H 14 mm | 0.008 kg

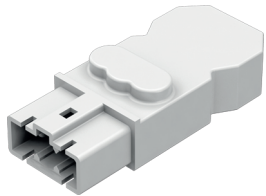


## Electrical parts

### octalumina plus

#### Male plug

250V / 16A  
for DIY assembly

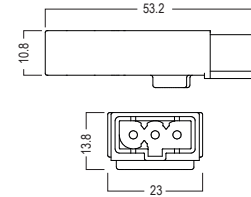


#### OL 146.30

plastic, white

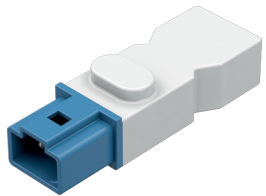
for DIY assembly of OL 98 / OL 100 / OL 102 / OL 104 / OL 106 / OL 108 PSUs, 3-pole, with strain relief, 250V / 16A

L 53 × W 23 × H 14 mm | 0.025 kg



#### Male plug

24V / 16A  
for DIY assembly

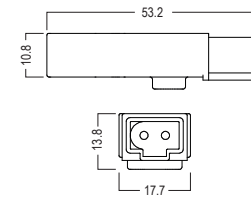


#### OL 148.90

plastic

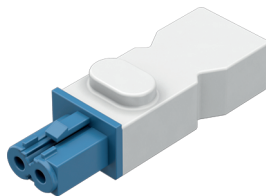
for DIY assembly of 24 V OL 135-1 / OL 137-1 connection cable, 2-pole, with strain relief, 24V / 16A

L 53 × W 18 × H 14 mm | 0.008 kg



#### Female connector

24V / 16A  
for DIY assembly

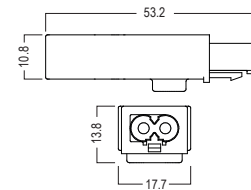


#### OL 149.90

plastic

for DIY assembly of OL 98 / OL 100 / OL 102 / OL 104 / OL 106 / OL 108 power supply units, or 24 V OL 139 / OL 140 connection cable, 2-pole, with strain relief, 24V / 16A

L 53 × W 18 × H 14 mm | 0.008 kg

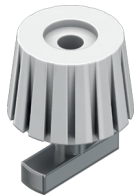


## Electrical parts

### octalumina plus

#### Fixing set

for LEDs / PSU  
L 14 × W 14 × H 12 mm

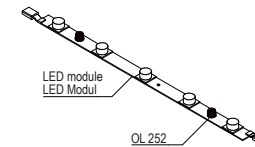
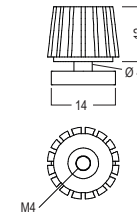


#### OL 252.90

steel/plastic

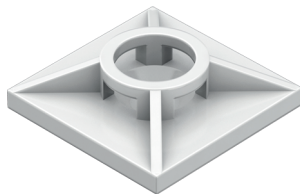
for mounting OL 123 / OL 125 / OL 127 / OL 129 LED modules and  
OL 98 / OL 102 / OL 108 power supply units on frame extrusion

L 14 × W 14 × H 12 mm | 0.004 kg



#### Adhesive base

100 pcs  
for cable ties OL 255

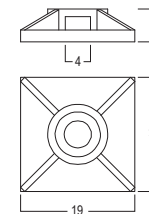


#### OL 254.90

plastic, white

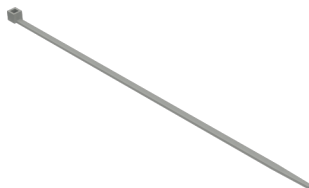
for wire management with wire ties OL 255 (not included), max.  
width wire ties 4 mm, packaging unit 100 pcs.

L 19 × W 19 × H 5 mm | 0.071 kg



#### Cable tie

100 pcs  
L 155 × W 2.5 mm

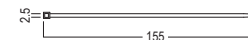


#### OL 255.90

plastic, white

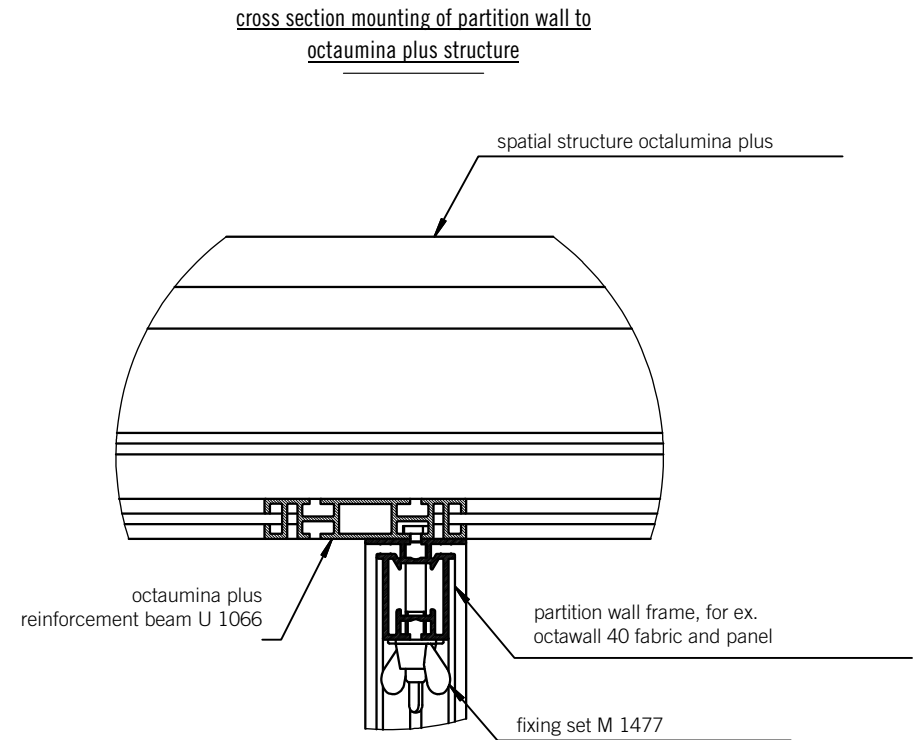
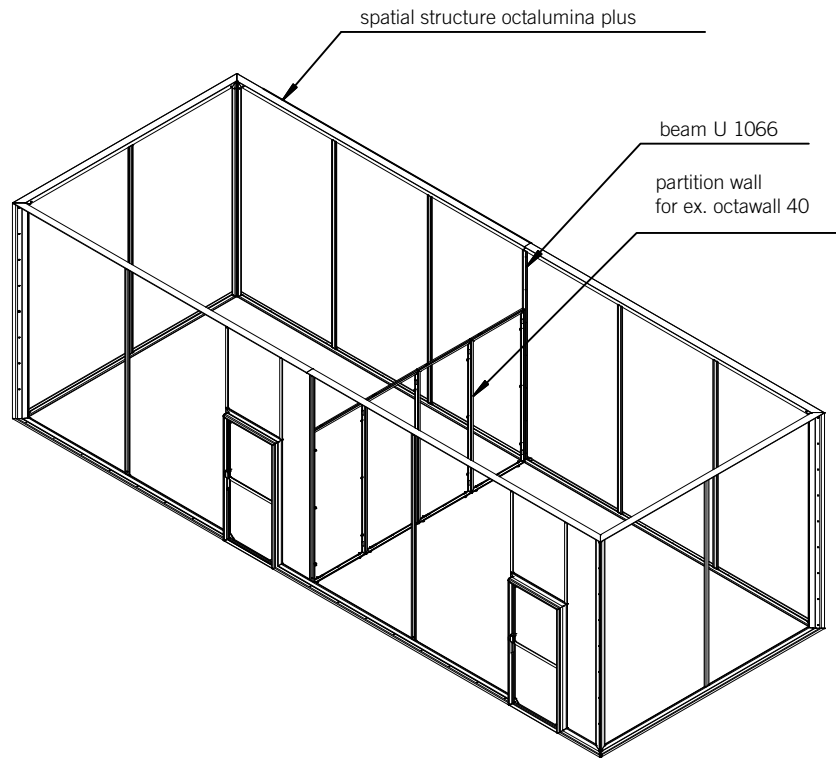
for wire management with fixing set for cable ties, packaging unit:  
100 pcs

L 155 × W 2.5 mm | 0.051 kg



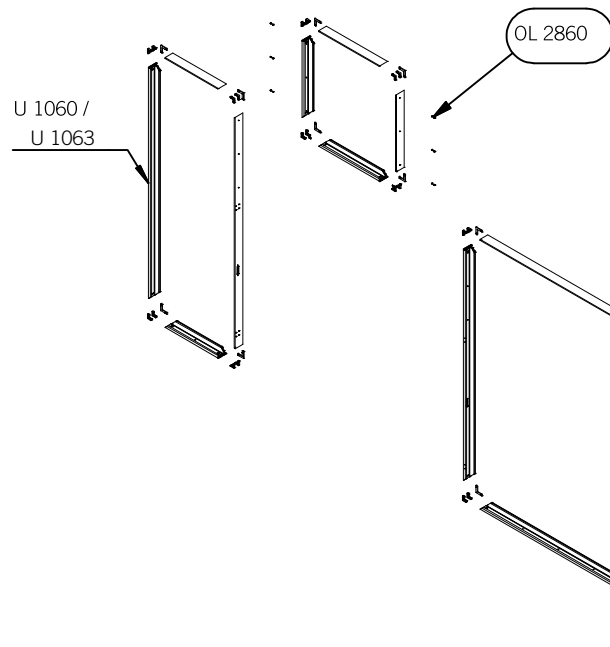
## ➤ technical information

➤ M-OL-4.0	154
octalumina plus installation partition wall	
➤ M-OL-4.1	155
octalumina plus door assembly instructions	
➤ TI-OL-0.9	162
octalumina electrical connection DALI LED Dimmer OL 183	
➤ TI-OL-1.2.0	163
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➤ TI-OL-6.0	173
octalumina plus bracing of frame	
➤ TI-OL-6.3	174
octalumina plus RFID access system for OL 895	

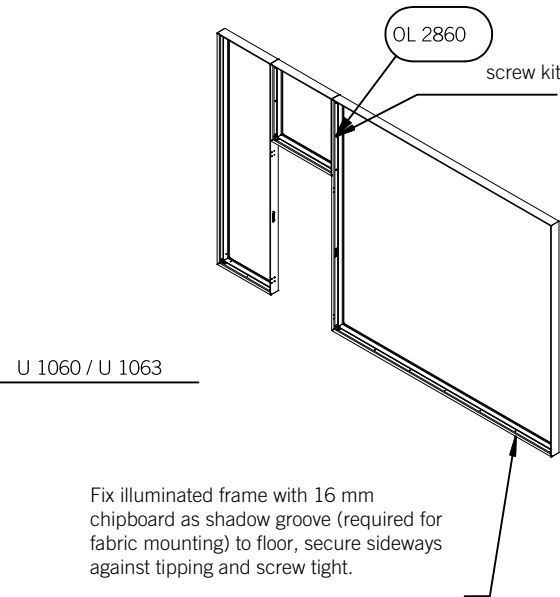


M-OL-4.0

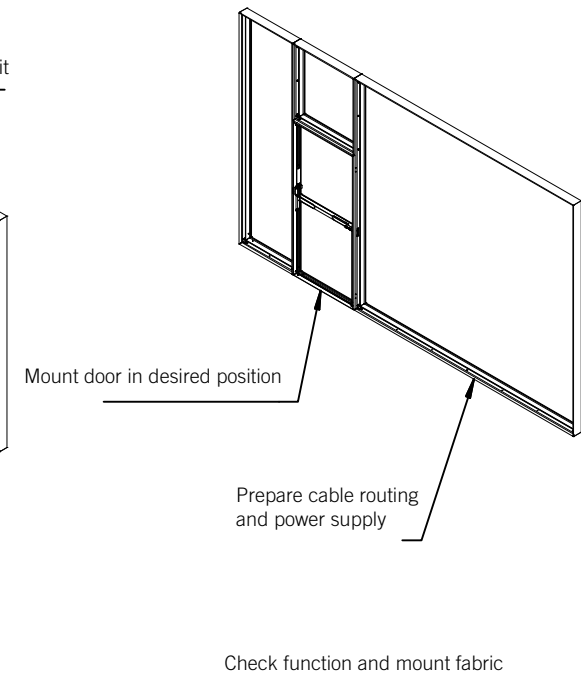
1. Assembly of all frames according to markings



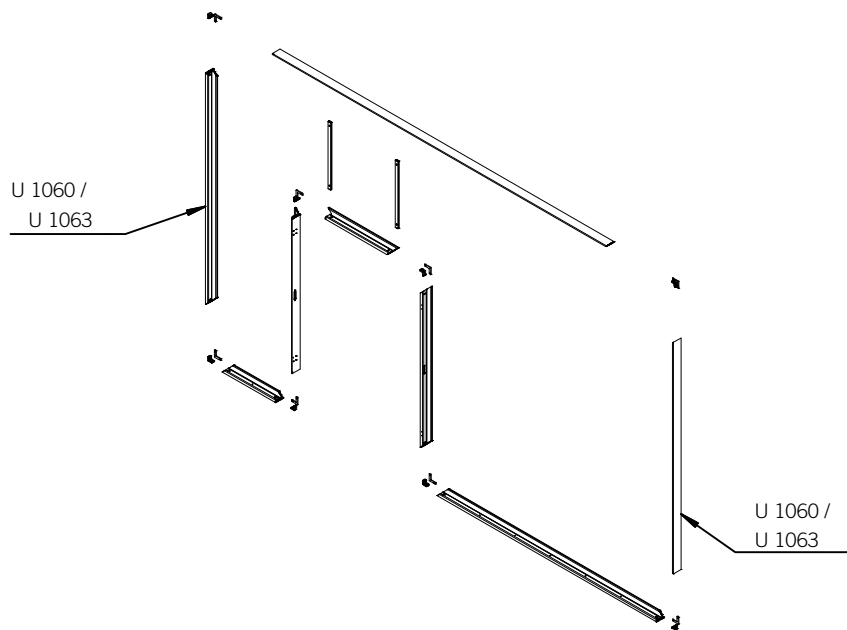
2. Connection of frames



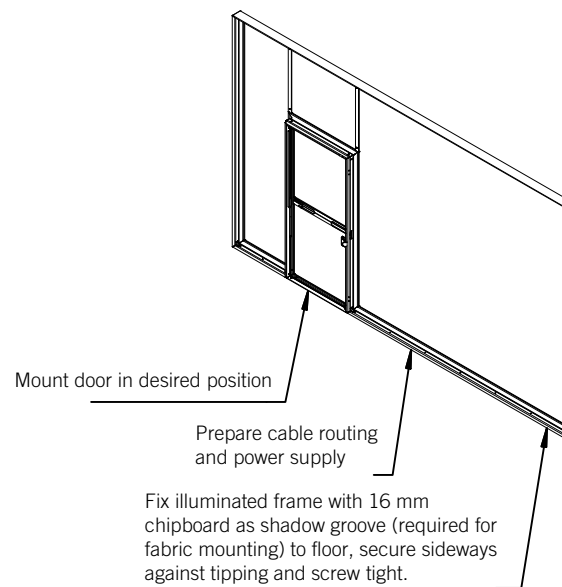
3. Mounting of door



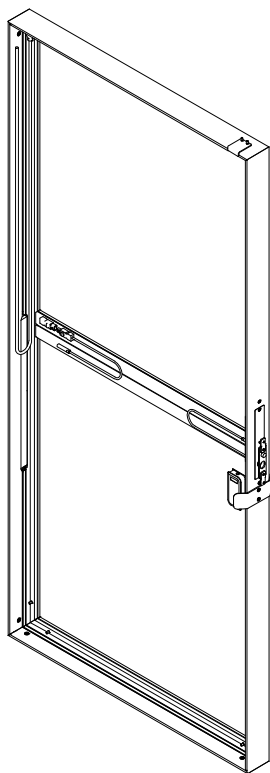
1. Assembly of all frames according to markings



2. Connection of frames



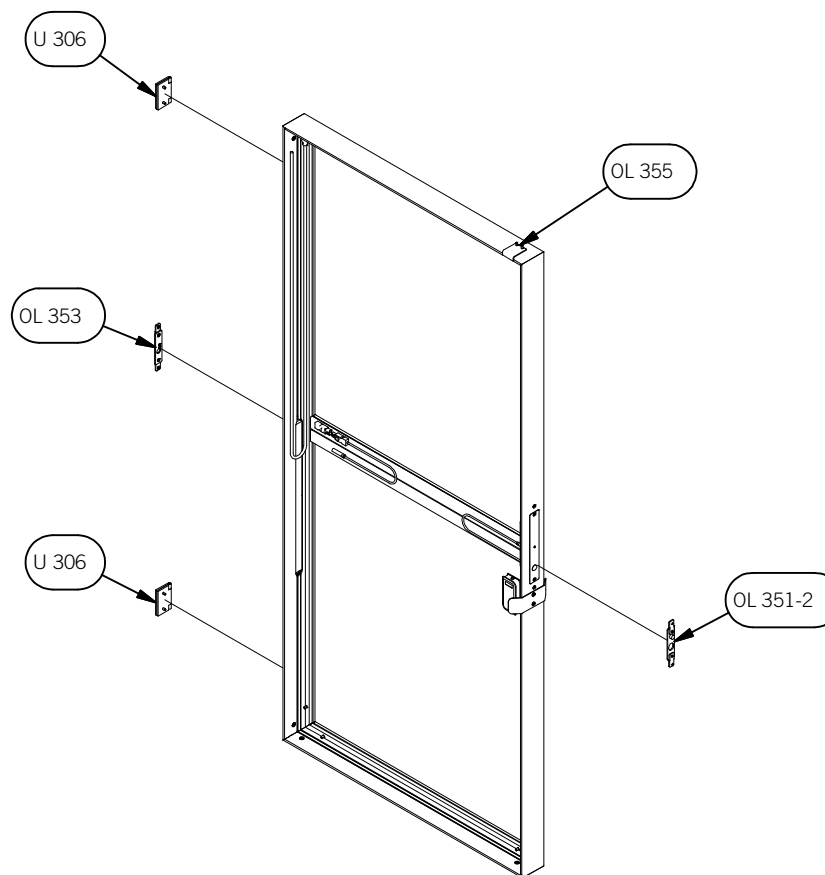
Check function and mount fabric



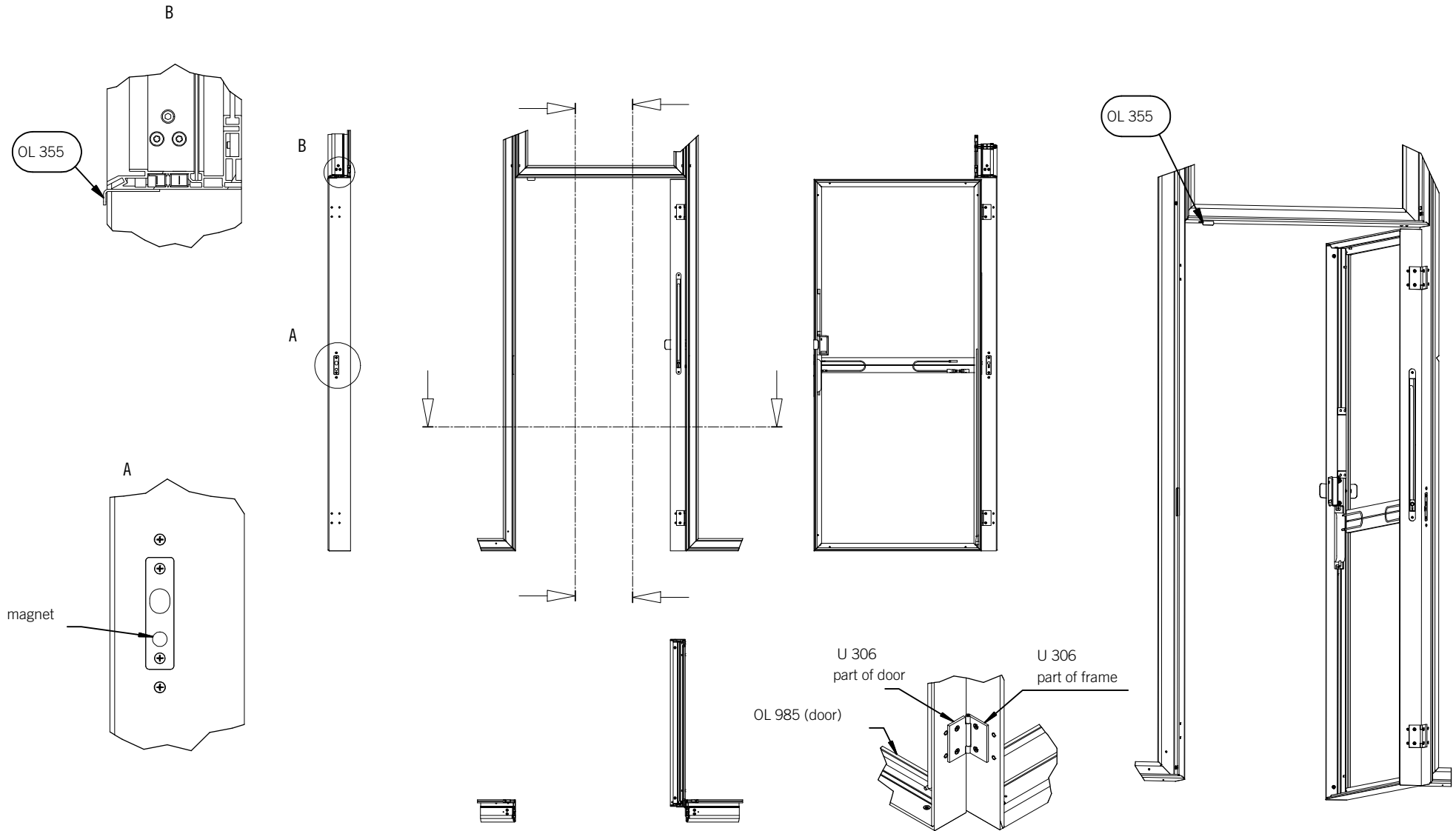
The door can be mounted in different positions:

- DIN left outward opening
- DIN left inward opening
- DIN right outward opening
- DIN right inward opening

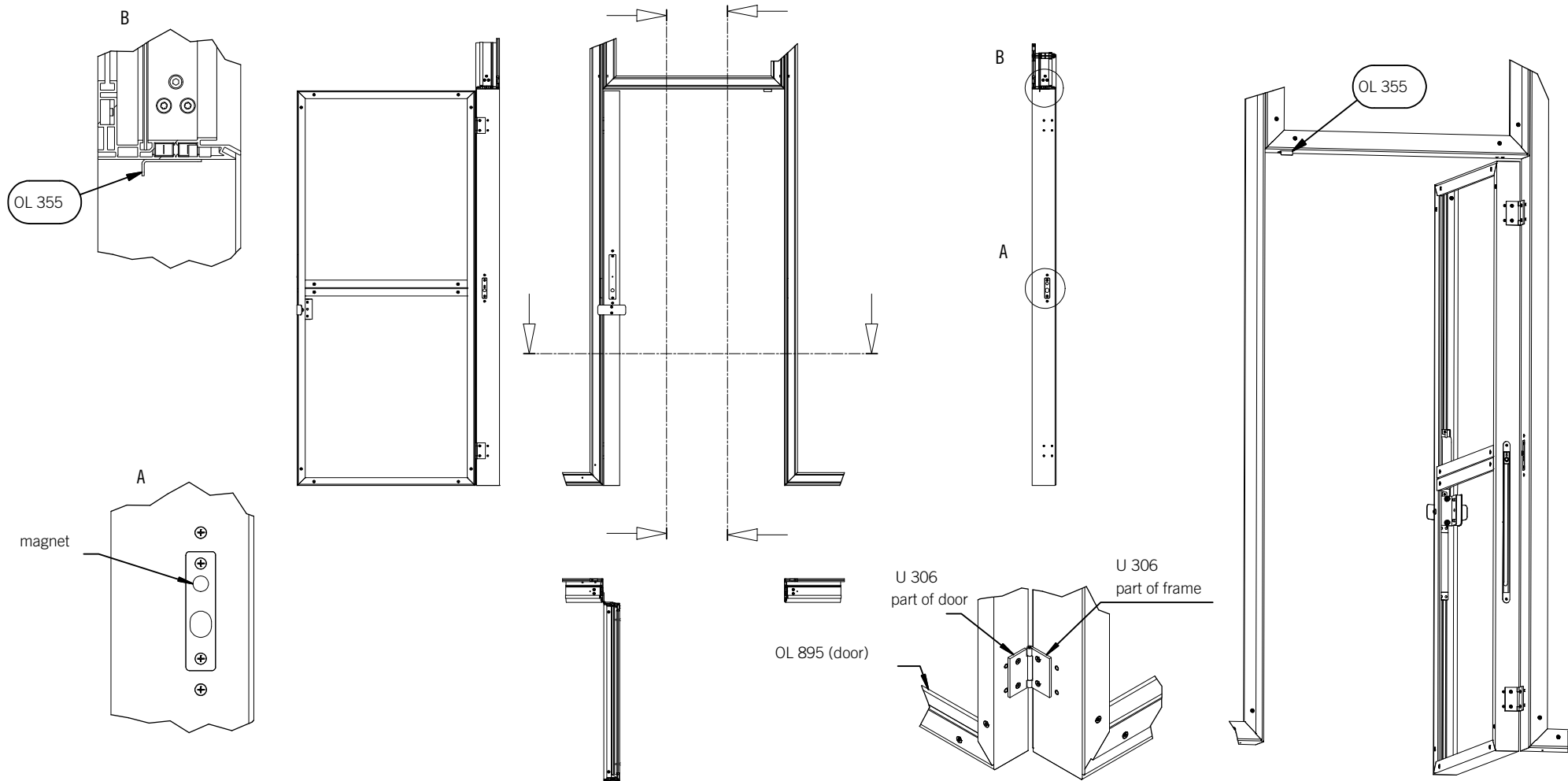
Door hinges and striker plates must be mounted accordingly



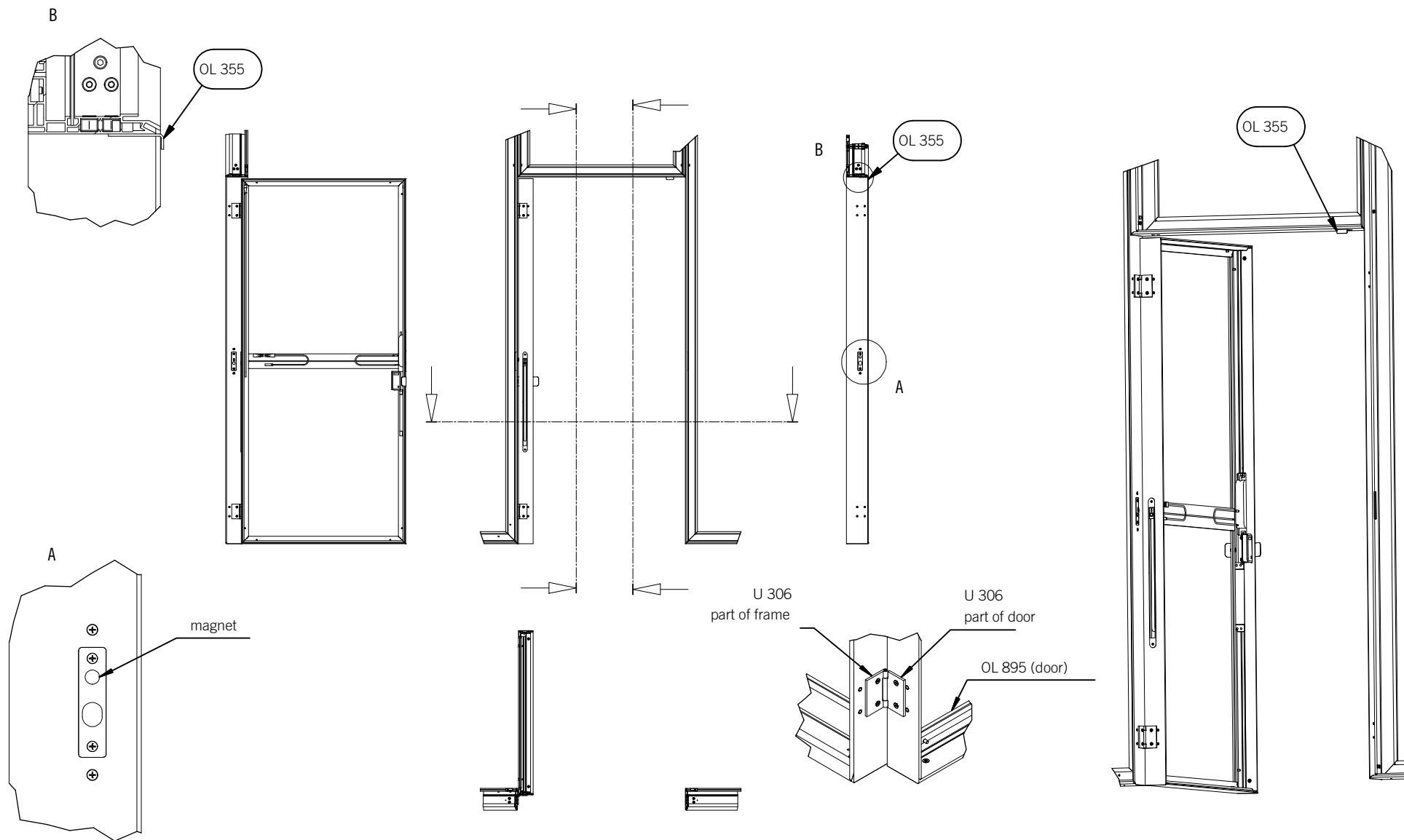
In each case, only unscrew the individual components (U 306, OL 353, OL 355 and OL 351-2) from the door frame and mount to match the desired function.



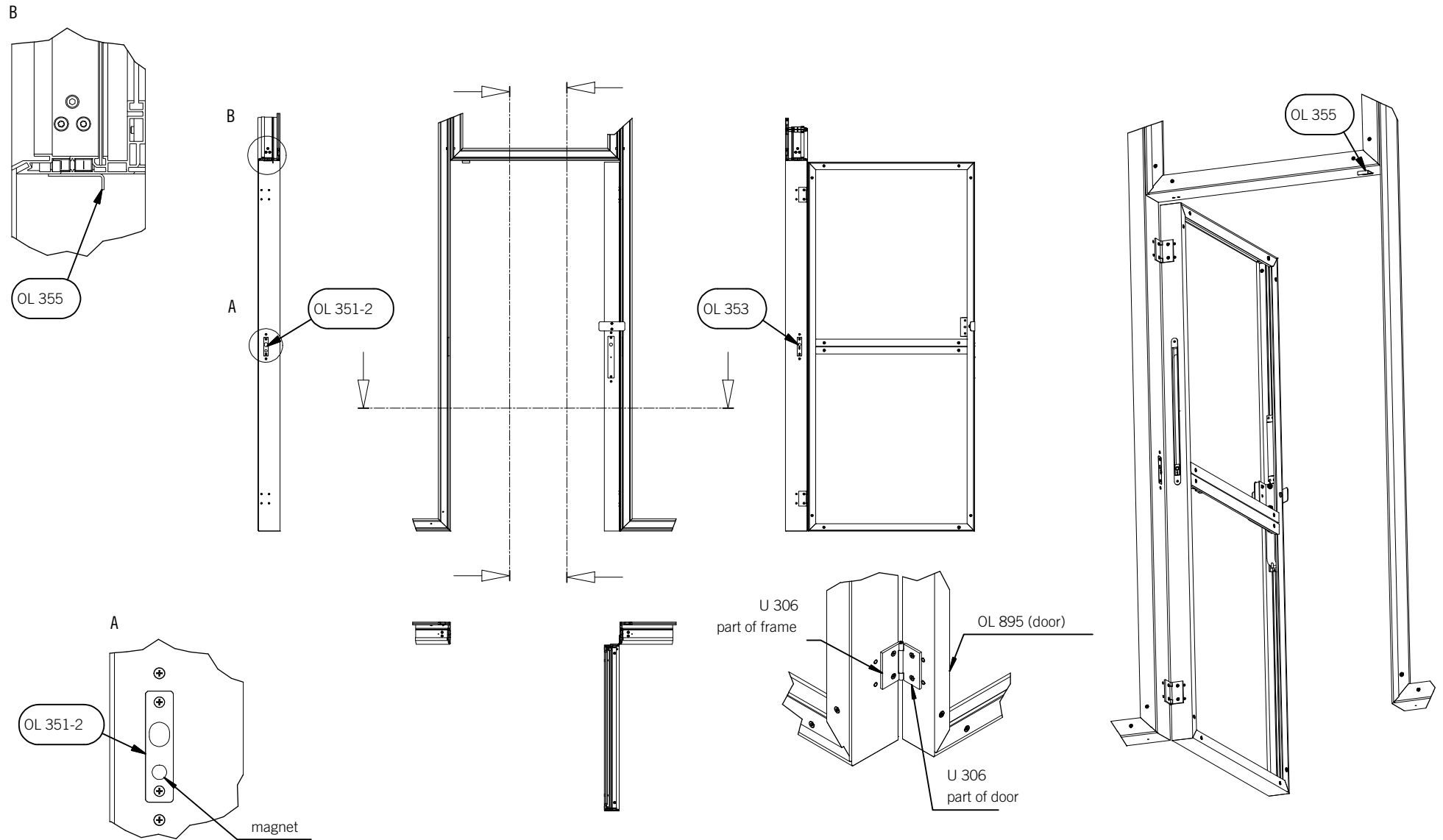
M-OL-4.1 E-000622-0150A-T01 A In Bearbeitung



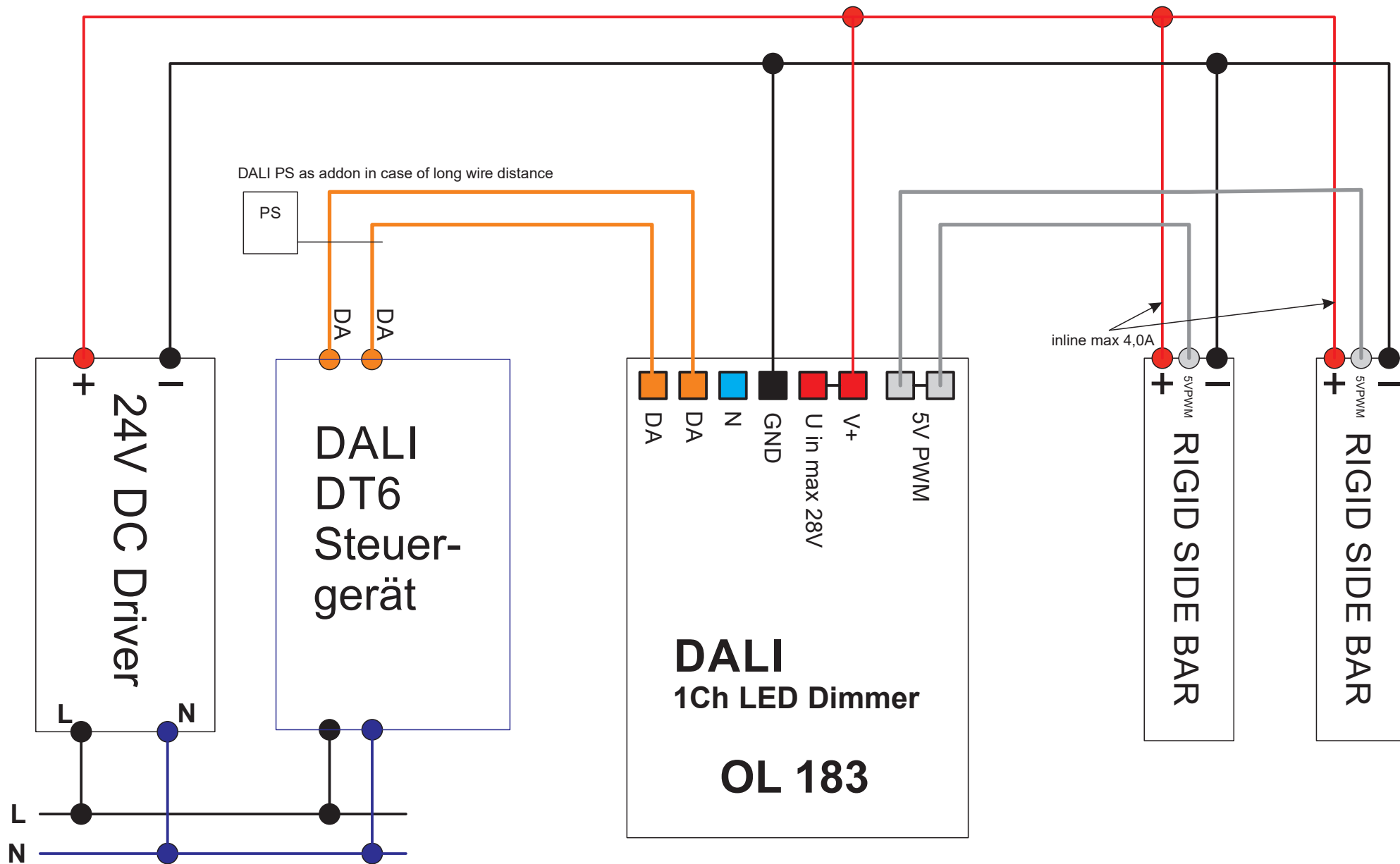
M-OL-4.1 E-000622-0150A-T01 A In Bearbeitung

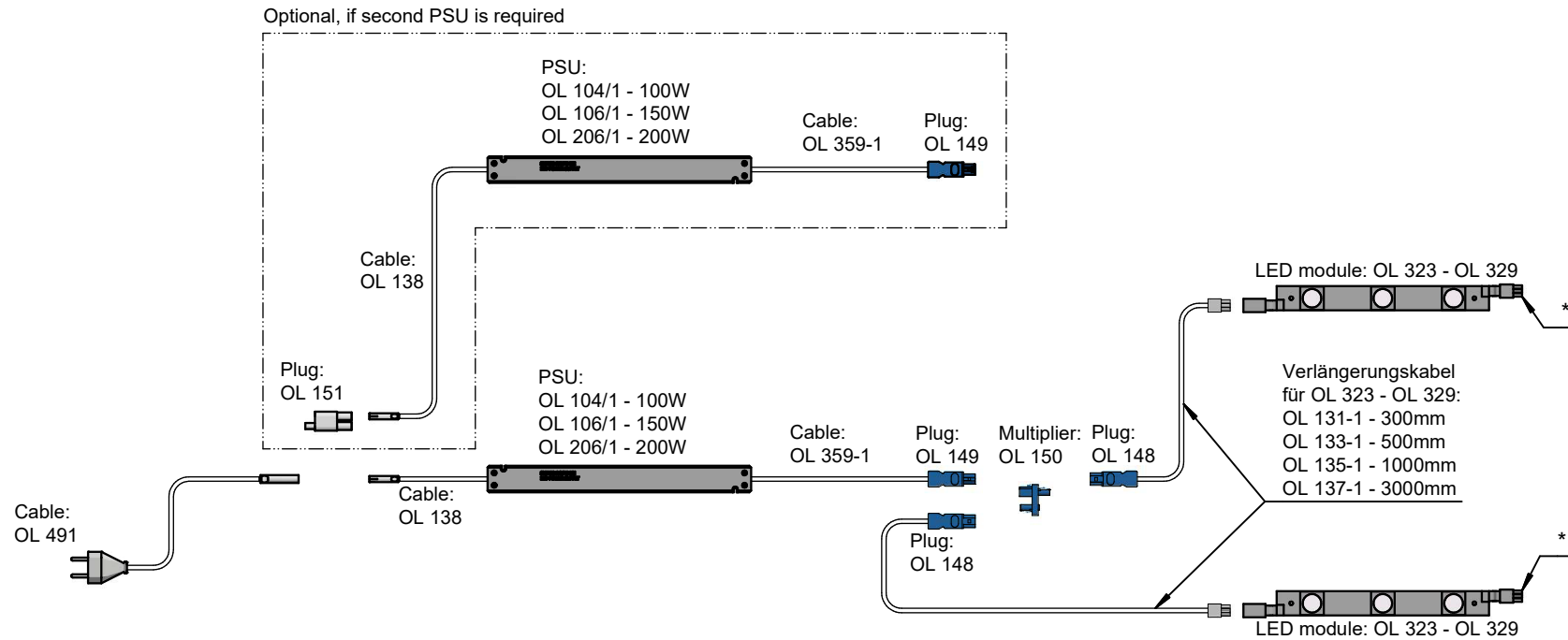


M-OL-4.1 E-000622-0150A-T01 A In Bearbeitung



M-OL-4.1 E-000622-0150A-T01 A In Bearbeitung





\* = max. performance per LED module arrangement: 100W

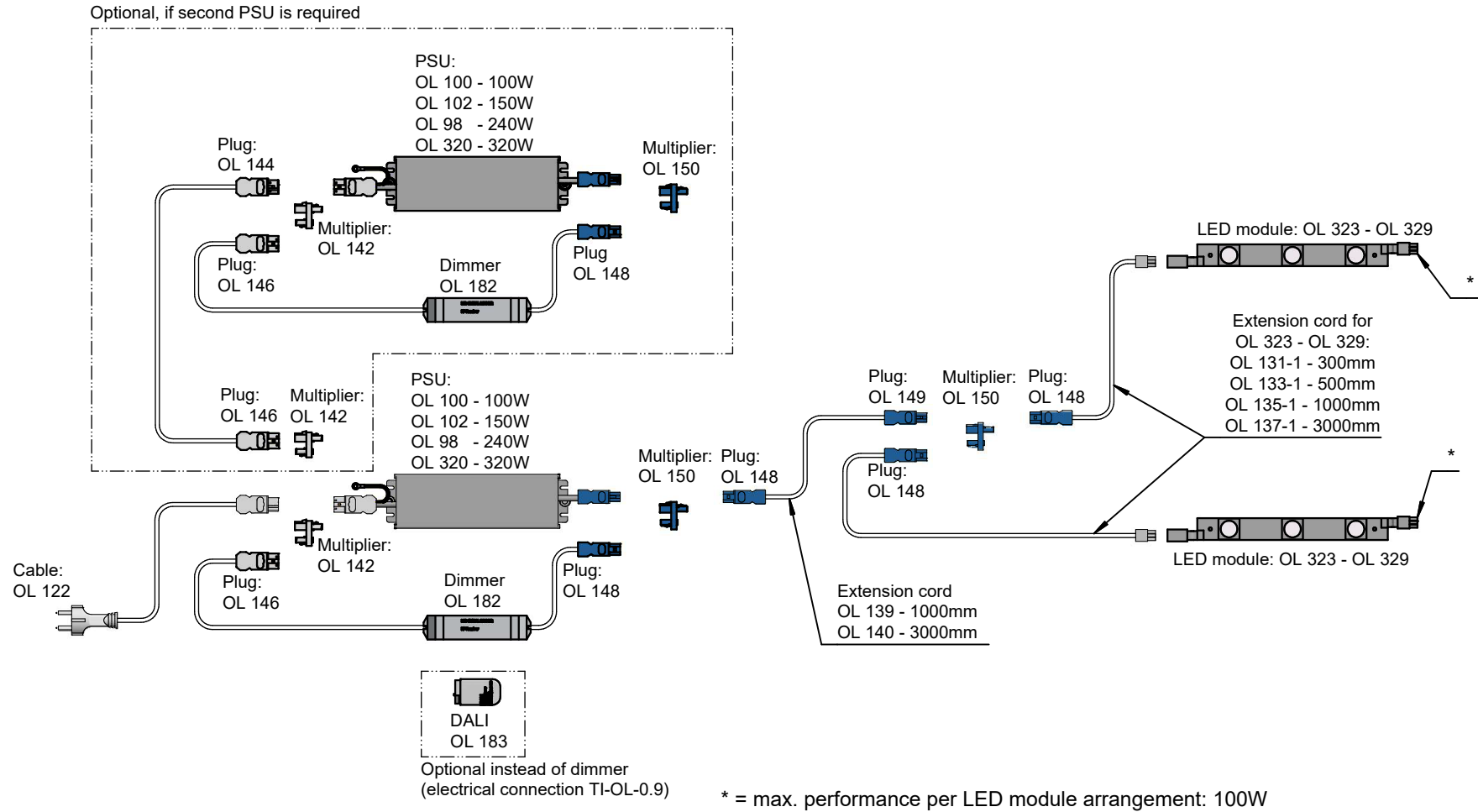
if the performance exceeds 100W, an additional infeed is necessary using extension cord OL 131-1 to OL 137-1 or OL 113-300 to OL 113-3000 (depends on type of LED module)

For longer life expectancy, we recommend to only use 80% of the PSU's maximum capacity.

one Dimmer for each PSU OL 182 (Manual Dimmer TI-OL-0.7)

performance per LED module:  
OL 323: 6,5W  
OL 325: 10,3W  
OL 327: 13,9W  
OL 329: 18,7W

TIOL12E E-000575-2600B-T02 A

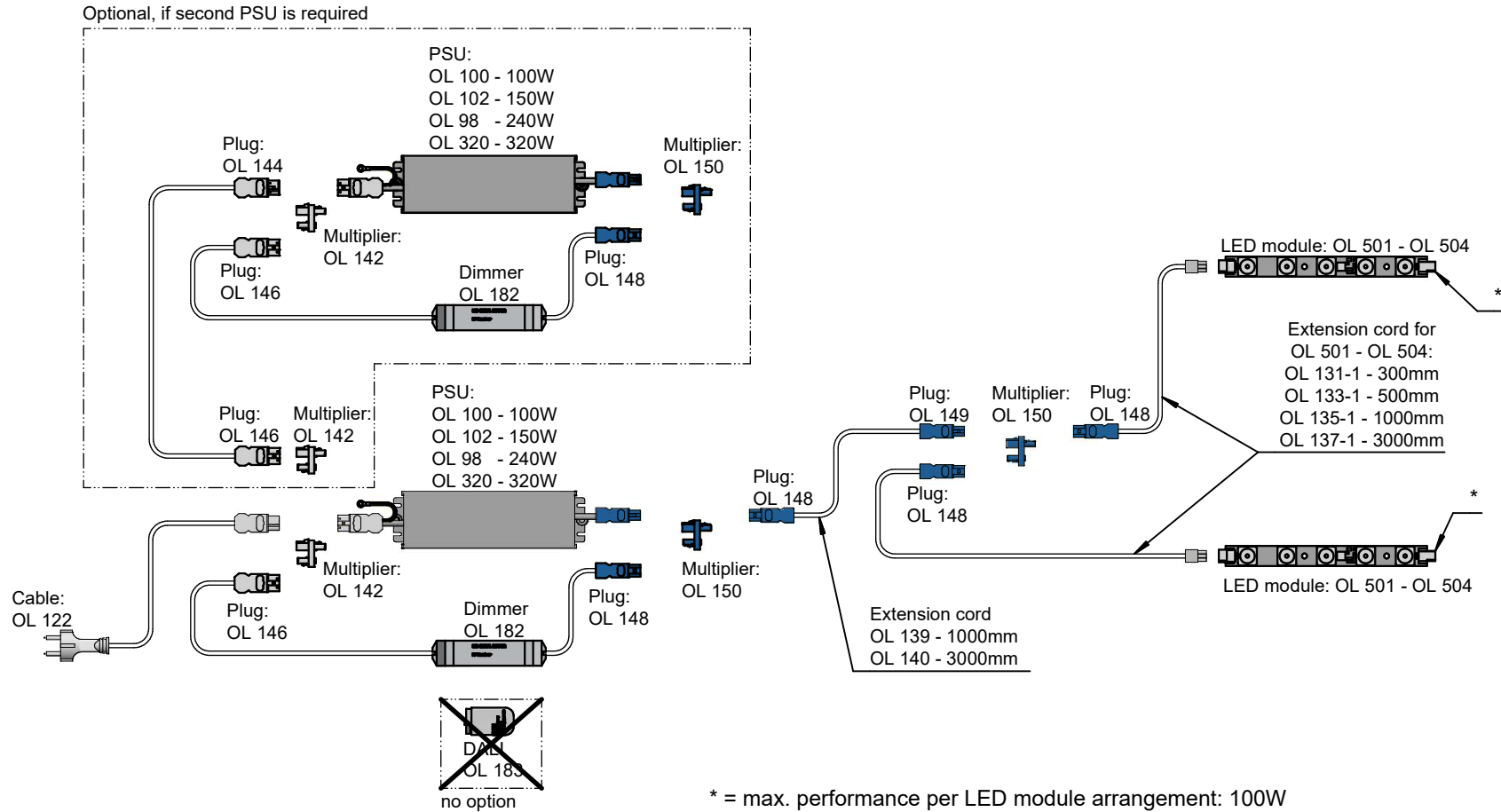


For longer life expectancy, we recommend to only use 80% of the PSU's maximum capacity.

pro Netzteil ein Dimmer OL 182 (Anschlussplan siehe TI-OL-0.7)

if the performance exceeds 100W, an additional infeed is necessary using extension cord OL 131-1 to OL 137-1 or OL 113-300 to OL 113-3000 (depends on type of LED module)

performance per LED module:  
OL 323: 6,5W  
OL 325: 10,3W  
OL 327: 13,9W  
OL 329: 18,7W



\* = max. performance per LED module arrangement: 100W

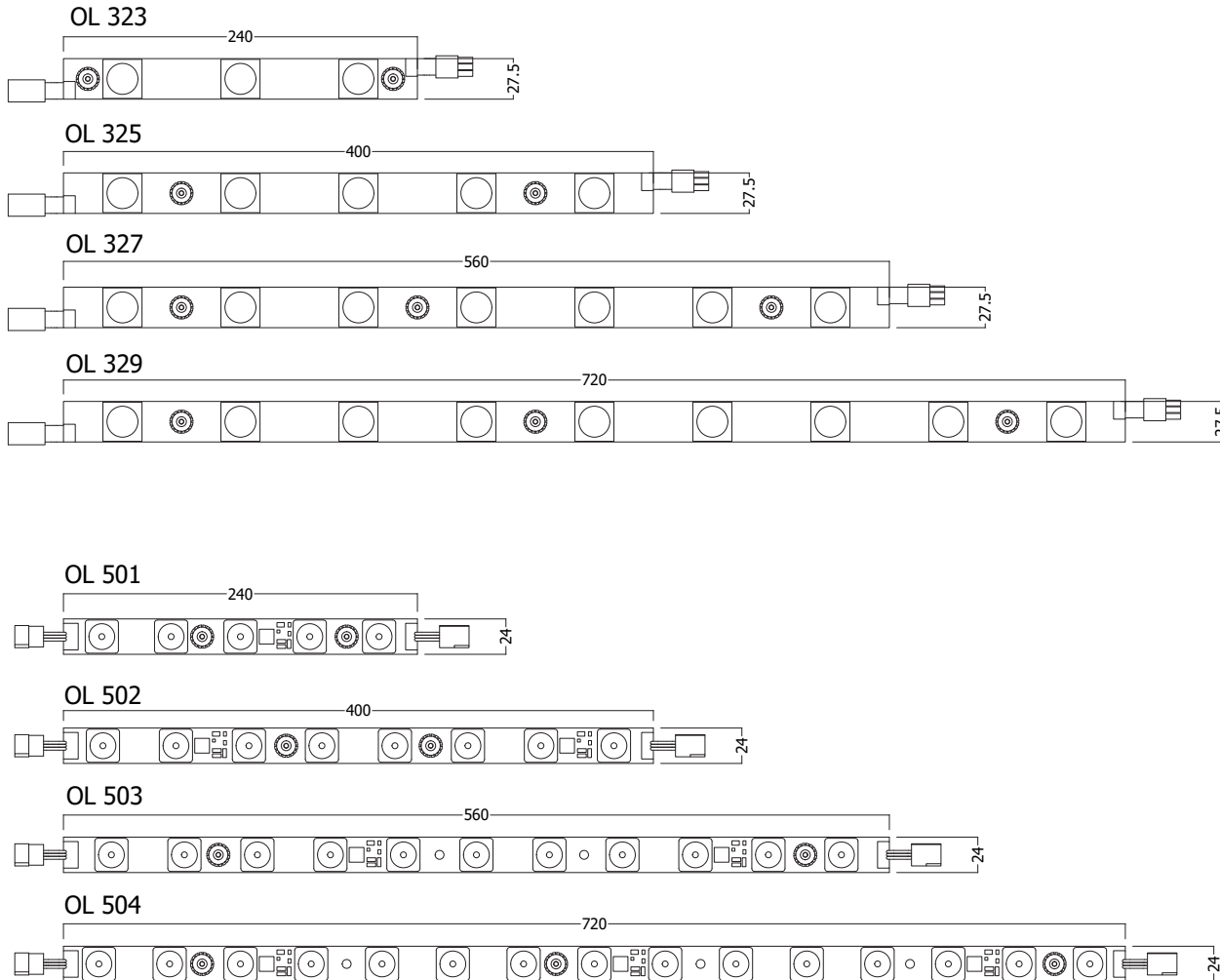
if the performance exceeds 100W, an additional infeed is necessary using extension cord OL 131-1 to OL 137-1 or OL 113-300 to OL 113-3000 (depends on type of LED module)

performance per LED module:  
OL 501: 15 W  
OL 502: 24 W  
OL 503: 33 W  
OL 504: 45 W

For longer life expectancy, we recommend to only use 80% of the PSU's maximum capacity.

one Dimmer for each PSU OL 182 (Manual Dimmer TI-OL-0.7)

Valid from 01.07.2019



### Technical data

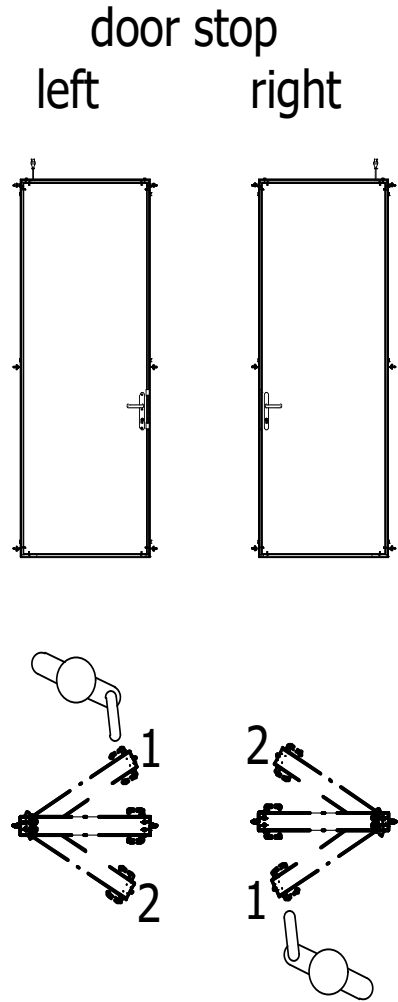
- OL 323 = 6,5 W / 750 LM
- OL 325 = 10,8 W / 1250 LM
- OL 327 = 15,12 W / 1750 LM
- OL 329 = 19,52 W / 2250 LM

- voltage : 24 V
- colour temp.: 6500 K
- plug/socket mounted
- up to frame size 3 m

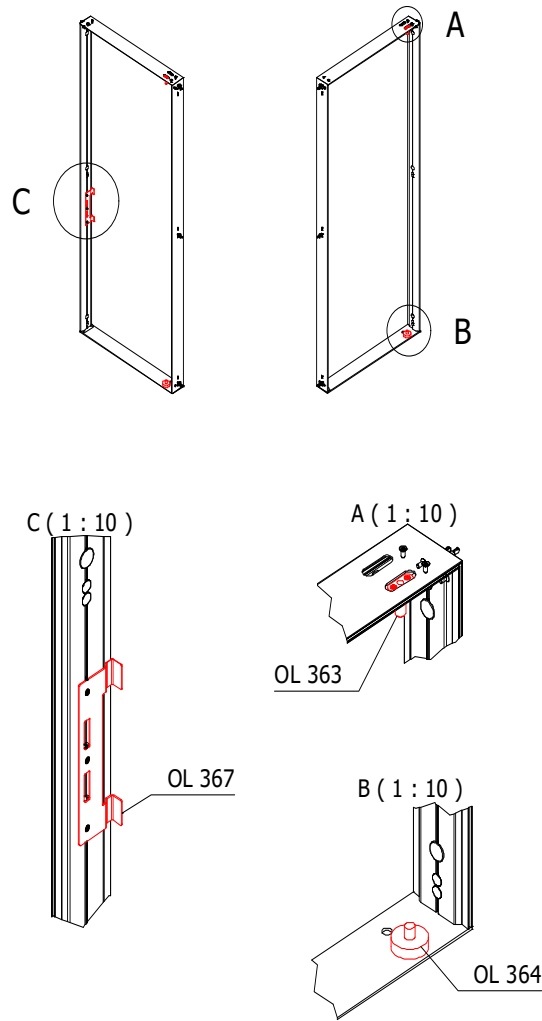
- OL 501 = 15,95 W / 1554 LM
- OL 502 = 26,40 W / 2552 LM
- OL 503 = 35,80 W / 3540 LM
- OL 504 = 48,60 W / 4604 LM

- voltage : 24 V
- colour temp.: 6000-6500K
- plug/socket mounted
- max. distance 18 mm
- use only with extrusions M 1915 and U 1060!
- up to frame size 5 m

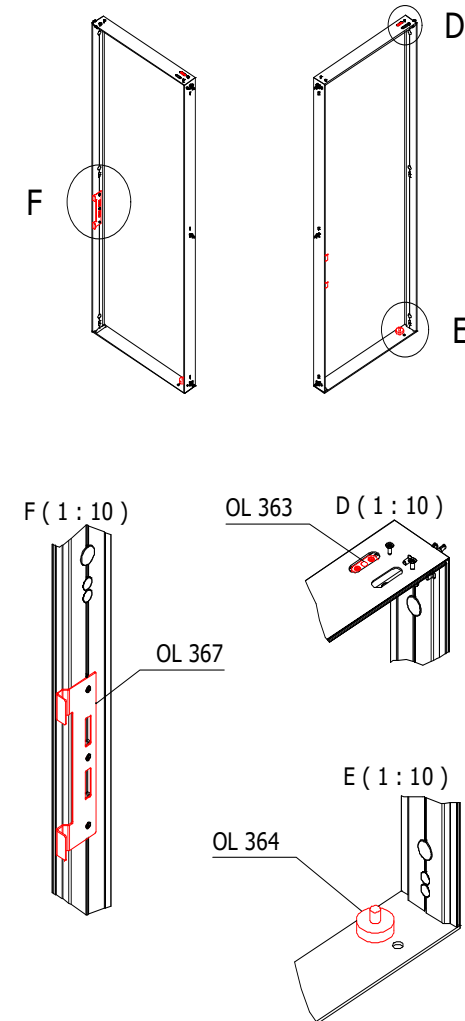
TIOL13B E-000575-2611A-000



1 open by "pulling"

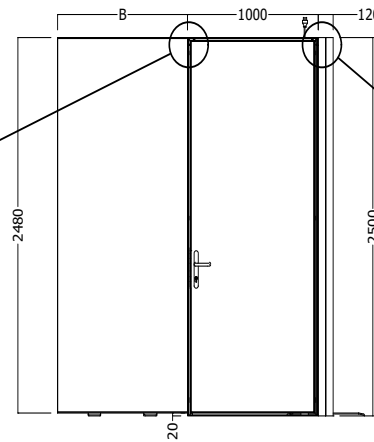
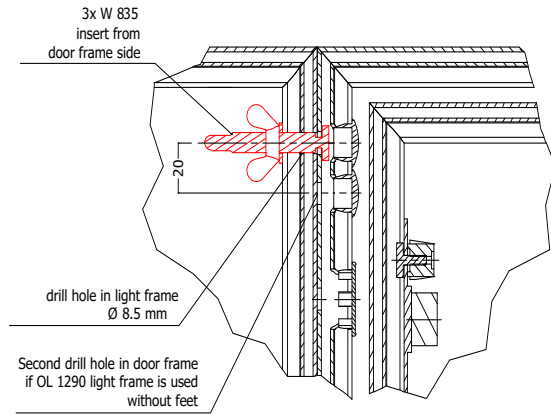


2 open by "pushing"

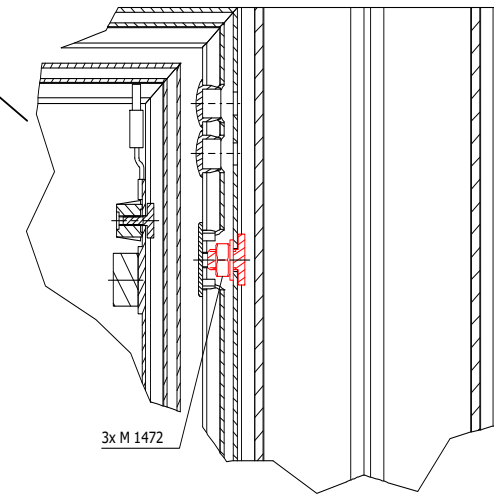


TI-OL-1.7 E-000639-0010A-T01 A In Bearbeitung

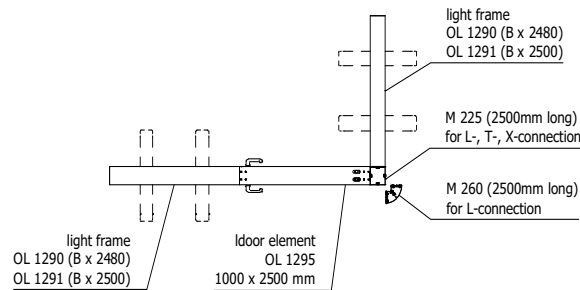
connection  
light frame OL 1290 - door frame



connection  
door frame - extrusion M 225 / M 260

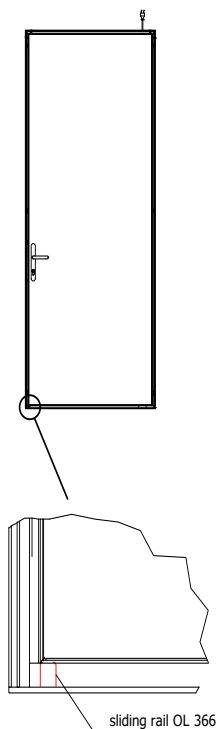


Please note!  
When using OL 1290 light frame **without** feet, there is a height offset of 20 mm **at the top** between the OL 1290 light frame and the door frame of the OL 1295 door element.  
To avoid this height offset, use the light frame OL 1291 with a height of 2500 mm instead of OL 1290.



TI-OL-1.7 E-000639-0010A-T01 A In Bearbeitung

## sliding rail OL 366

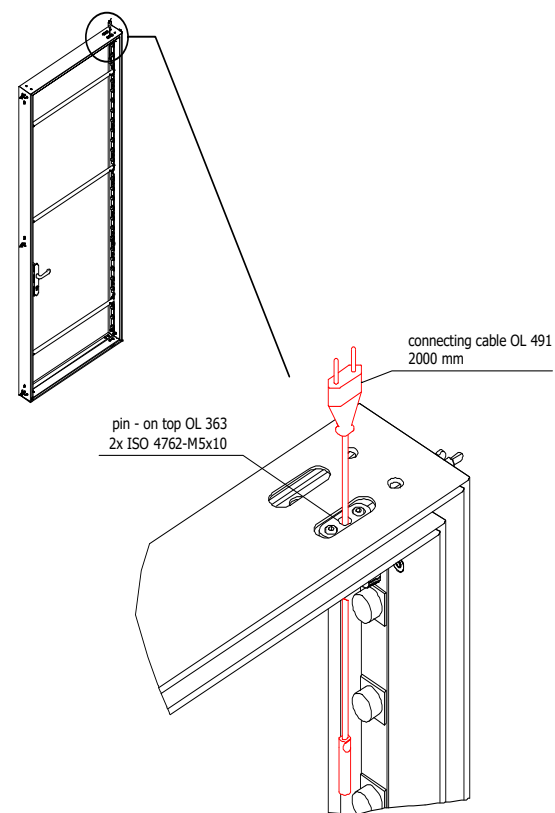


Slide rail OL 366 prevents the closed door from hanging askew in the door frame. This can be due to unstable installation conditions of the frame and the door's weight.

The OL 366 slide rail ensures parallel and uniform gap dimensions between door and frame when the door is closed. The OL 366 slide rail can be removed or inserted without tools in no time.

When the OL 366 slide rail is inserted, a slight amount of force is required to close the door.

## power supply



Power is supplied to the door via the OL 491 connecting cable. First insert the door into the frame and fix it in place using the upper hinge pin OL 363 and two cylinder screws M5x10. Then push the round plug of connecting cable OL 491 through the drill hole in the hinge pin and connect it to the power supply unit installed in the door.

TI-OL-1.7 E-000639-0010A-T01 A In Bearbeitung

## 1. Description:

This LED signal dimmer has AC 85–265 V input/output and generates 0–5 V analog signals. With our T1 wireless remote you can control the LED lamps by radio and adjust the signals. Easy to install and comfortable to use, the dimmer comes with a clear and modern design.



## 2. Specifications

### Dimmer R1 PWM 5V

- Input Voltage: AC 85–265 V
- Output Voltage: AC 85–265 V
- Max. Output Current: 10 A
- Max. Output Signal Current: 40 mA
- Output Signal: PWM 5V Signal
- Working Temp.: -30°C–55°C
- Dimensions: L 135 × W 30 × H 20 mm
- Weight: 48 g

### Remote Control T1 wireless

- Working Voltage: 3 V (CR2032)
- Working Frequency: 433.92 MHz
- Remote Distance: 40–50 m
- Working Temp.: -20°C–55°C
- Dimensions: L 106 × W 56 × H 9 mm
- Weight: 40 g

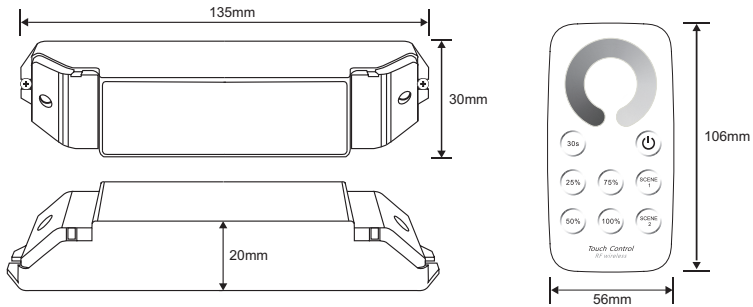
## 3. Basic Features

- The receiver automatically adapts to AC 85–265 V working voltage.
- The receiver has an AC input, isolation power supply and dimming function.
- The radio signal of the RF remote control is very strong, independent of direction and/or obstacles.
- Simple, modern design, easy handling.
- 25%, 50%, 75%, 100% – 4 brightness shortcuts and 2 DIY modes for fast dimming.
- Memory function in case of power failure.

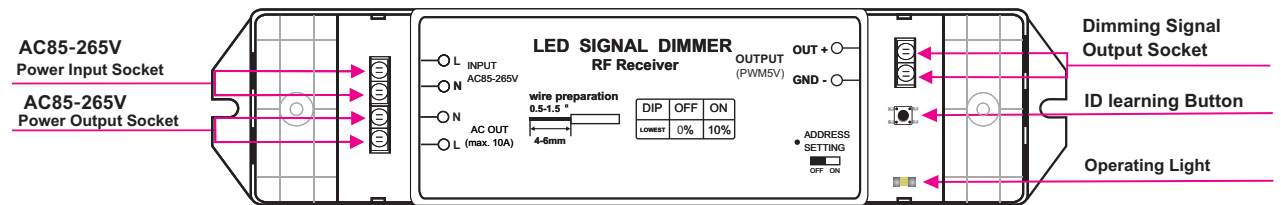
## 4. Safety Warnings

- To ensure proper use and safety, please read this manual carefully before installation.
- Do not use the controller in areas of intense magnetic and high voltage fields.
- To minimize the risk of short circuit damage or fire to the components, please ensure a proper connection.
- Only install the unit in a well ventilated and appropriately tempered environment.
- Only connect the cables when the device is switched off; check the device for correct connection or short circuit before putting it into operation.
- If problems occur, do not open the controller and do not operate it any more!
- This manual is for this model only and may be updated without prior notice.

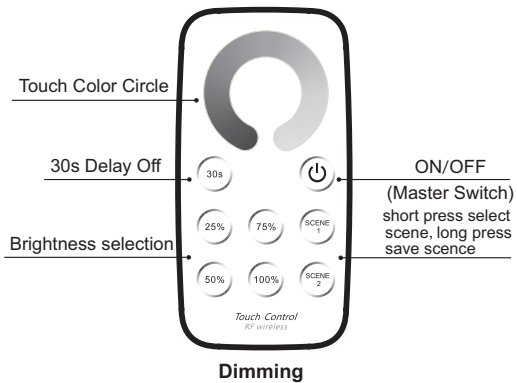
## 5. Dimensions



## 6.1 Operating Instructions Receiver



## 6.2 Operating Instructions Wireless Remote Control



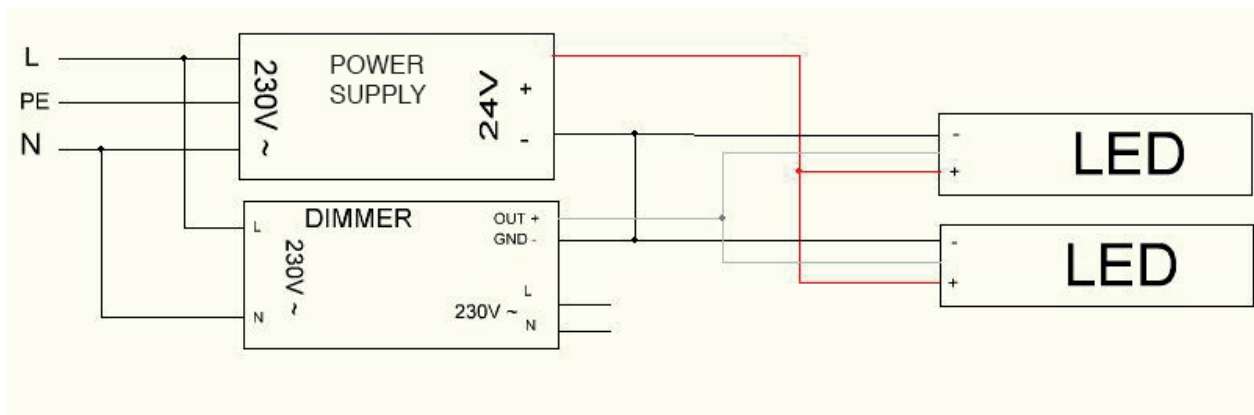
### The learning ID method of remote control

The remote control was set to the receiver before shipment. If you have accidentally deleted the setting, you can program it again as follows:

- Learning ID: Press the ID learning button on the receiver until the power light is on. Then press any key on the remote control until the operating light flashes several times. Done.
- Cancel ID: Press the ID learning button on the receiver for 5 seconds

- After 30 seconds without operation, the remote control automatically switches to sleep mode. Press any key to reactivate it.

## 7. Wiring Instructions



- The dimmer automatically cuts off the output voltage when the brightness signal is 0% and stops the power supply to the dimmer. Thanks to this function, it is possible to switch off the dimmer via the dimming signal.

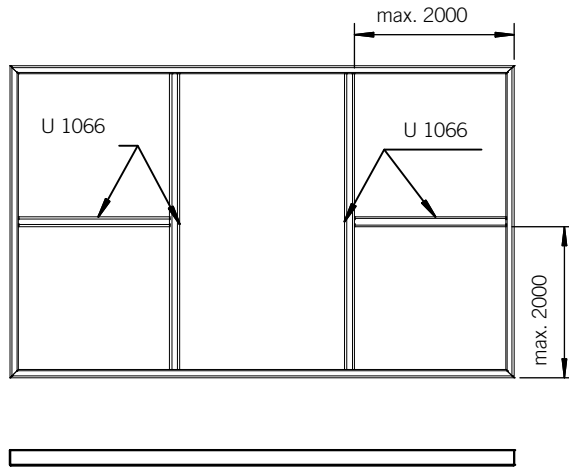
## 8. After Sales Service

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

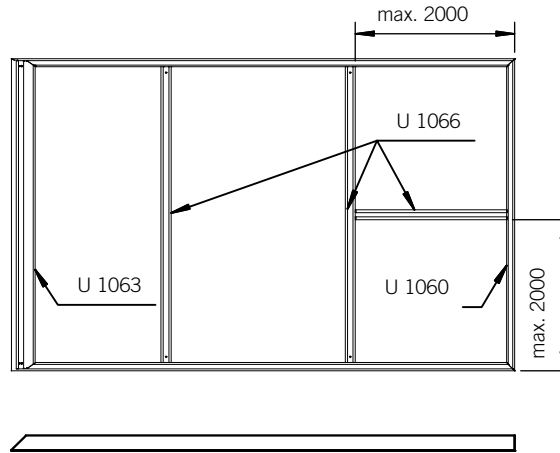
Frame type A

vertical U 1060  
horizontal U 1060



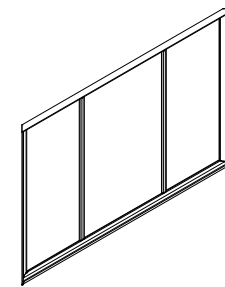
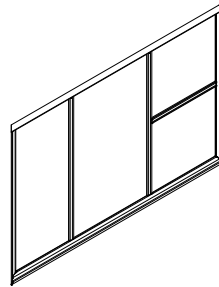
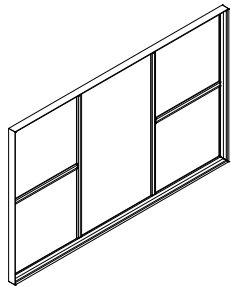
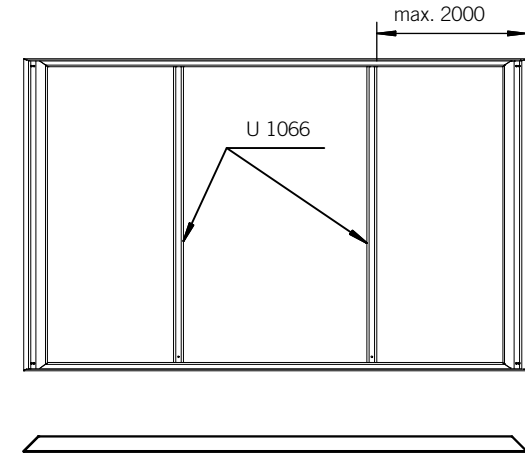
Frame type B

vertical U 1060 / U 1063  
horizontal U 1060

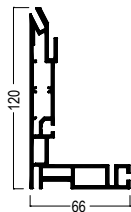


Frame type C

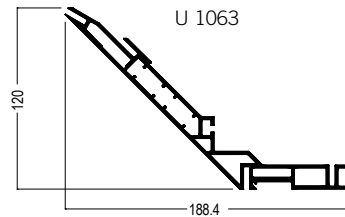
vertical U 1063  
horizontal U 1060



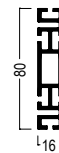
U 1060



U 1063



U 1066

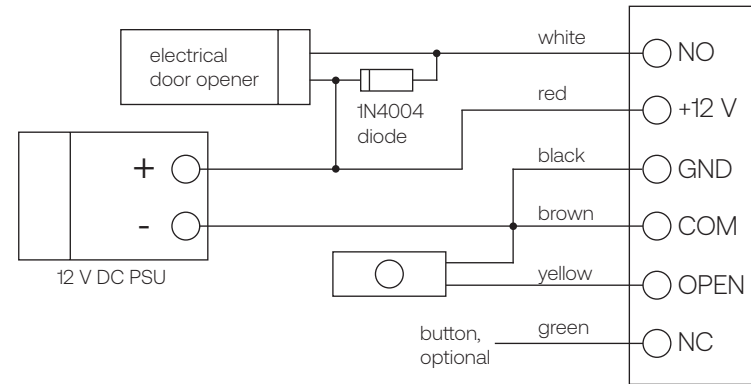


The distance between reinforcements U 1066 must not exceed 2000mm max. Vertically mounted U 1063 extrusions do not require horizontal reinforcements when connected to other frames.

**1. Features**

Memory capacity ➤ RFID Type	2000 transponder 13,65 MHz MIFARE - 1225 kHz EM 4100 / 4102 / 4200 HID Proximity
Supply voltage ➤ Power consumption	12 V DC voltage (9–18 VDC) < 40 mA
Contactless RFID transponder ➤ Technology ➤ Read Range	125 kHz resp. 13,65 MHz proximity transponder 1–8 cm (depending on transponder model)
External wiring	Floating changeover relays, external button
Relais ➤ Adjustable switching time ➤ Loading of relais contacts	Floating changeover relays 1–99 seconds (5 sec. standard) or continuous operation up to 2 A
Protection class ➤ Working temperature range	IP65 –40°C to 60°C
Material ➤ Dimensions ➤ Weight	ABS 102 × 48 × 20 mm 110 g

**2. Cabling**



Wire Color	Function	Description
Red	Power +	9–18 V stabilized DC voltage
Black	GND	Ground 0 V
White	NO	Relais output working current (normally open)
Brown	COM	Common relais input
Green	NC	Relais input standby current (normally closed)
Yellow	OPEN	Optional button input

### 3. General information:

- **IR Remote Control:** for programming your access system. Hold remote towards the LED display of the redading device, distance < 0,3 m
- **User ID Number:** Please allocate individual ID numbers to the users of the system so as to be able to assign the corresponding memory space in the event of the loss of a transponder. A user ID can be any number between 1 and 2000. PLEASE NOTE: Do not use leading zeros!
- **Transponder:** The transponder number is the unique internal 8-digit UID (WEG26)
- **Manager Cards:** The two manager cards (Add Card=flash card and Delete Card) are already stored in the device

### 4. Programming via Manager Cards:

#### Add User Transponder

- Hold Manager Add Card in front of reader (green LED on)
- Hold user transponder in front of reader (data is stored on the next available free space, user ID)
- To finalise operation, hold Manager Add Card in front of reader again (green LED off)

#### Delete User Transponder

- Hold Manager Delete Card in front of reader (green LED on)
- Hold user transponder in front of reader (data is deleted)
- To finalise operation, hold Manager Delete Card in front of reader again (green LED off)

### 5. Programming via Remote Control:

#### ➤ Start and exit programming mode

Programming Steps	Key Combination
Start programming	*(Manager Code)# Factory settings 123456
Quit programming	*

#### ➤ Add user (4 Variants)

Programming Steps	Key Combination
Start programming	*(Manager Code)#
automatic allocation of next available user ID	1 (hold transponder in front of reader) # Any required number of transponders can be programmed in sequence
choose individual user ID	1 (user ID) # (hold transponder in front of reader) # User ID can be any number between 1 and 2000.
via transponder number	1 (enter 8-digit transponder number) #
en-bloc storage (allows you to save up to 2000 transponders in one step)	1 (enter user ID) # (quantity) # (first transponder number) # Transponder numbers must be available in ascending order. Quantity = number of transponders to be programmed.
Quit programming	*

➤ Delete users (4 variants)

Programming Steps	Key Combination
Start programming	*(Manager Code)#
via read mode	2 (hold transponder in front of reader) # Any required number of transponders can be deleted in sequence
via user ID	2 (user ID) # User ID can be any number between 1 and 2000.
via transponder number	2 (enter 8-digit transponder number) #
delete all transponders	2 (Manager Code) #
Quit programming	*

➤ Change of Manager Codes

Programming Steps	Key Combination
Start programming	*(Manager Code)#
Assign new Manager Code	0 (new Manager Code) # (new Manager Code) #
Quit programming	*

➤ Functions of relays

Programming Steps	Key Combination
Start programming	*(Manager Code)#
Change switching time of relays (dynamic)	3 (1-99) # The relays switching time can be 2 to 99 seconds, 1 = 50 ms (factory setting is 5 seconds) [S2-MI: 4 (1-99) #]
Continuous operation (static)	3 0 # [S2-MI: 4 (1-99) #] The relays is turned ON/OFF upon transponder recognition and retains its setting until the next recognition.
Quit programming	*

➤ Alarm Signalling

Programming Steps	Key Combination
Start programming	*(Manager Code)#
Blocking time OFF	4 0 # (factory settings) [S2-MI: 7 0 #]
Blocking time ON	4 1 # 10 minutes blocking time [S2-MI: 7 1 #]
Blocking alarm ON	4 2 # [S2-MI: 7 2 #]
Set alarm in minutes	5 (0-30) # (factory setting 1 minute)
Quit programming	*

Blocking time will be activated for 10 minutes after 10 failed attempts (red LED flashing fast). The acoustic blocking alarm can be set for up to 30 minutes. Hold a valid transponder in front of reader to turn off the alarm or enter the Manager Code followed by #

➤ **Optical an audible Signalling**

Programming Steps	Key Combination
Start programming	*(Manager Code)#
LED settings	OFF = 6 1 #                      ON = 6 2 #
Acoustic signal settings	OFF = 6 3 #                      ON = 6 4 #
Quit programming	*

Status	LED	Buzzer
Operation	Red LED illuminated	-
In programming mode	Red LED flashes	one sound
During programming	Yellow LED illuminated	one sound
Malfunction	-	three sounds
Quit programming mode	Red LED illuminated	one sound
Relais ON	Green LED illuminated	one sound
Alarm	Red LED flashes rapidly	tone intervals

**6. User functions:**

- **Open door:** Hold valid transponder in front of reader (The relais picks up for the set time)
- **Stop alarm:** Hold valid transponder in front of reader or use remote control: Manager Code #

**7. Factory settings without Manager Cards:**

- Turn off supply voltage
- Connect Yellow and Black wires (key fuction open) and turn on supply voltage
- Remove Yellow wire after 2 signals (LED display switches to yellow)
- Wait 10 seconds until LED switches to red (successful reset to factory settings )

PLEASE NOTE: All settings are reset. Stored transponders are retained.

**8. Factory settings with Manager Cards:**

- Turn off supply voltage
- Connect Yellow and Black wires (key fuction open) and turn on supply voltage
- Remove Yellow wire after 2 signals (LED display switches to yellow)
- Hold Manager Add Card in front of reader irst, then Manager Delete Card
- LED switches to red (successful reset to factory settings )

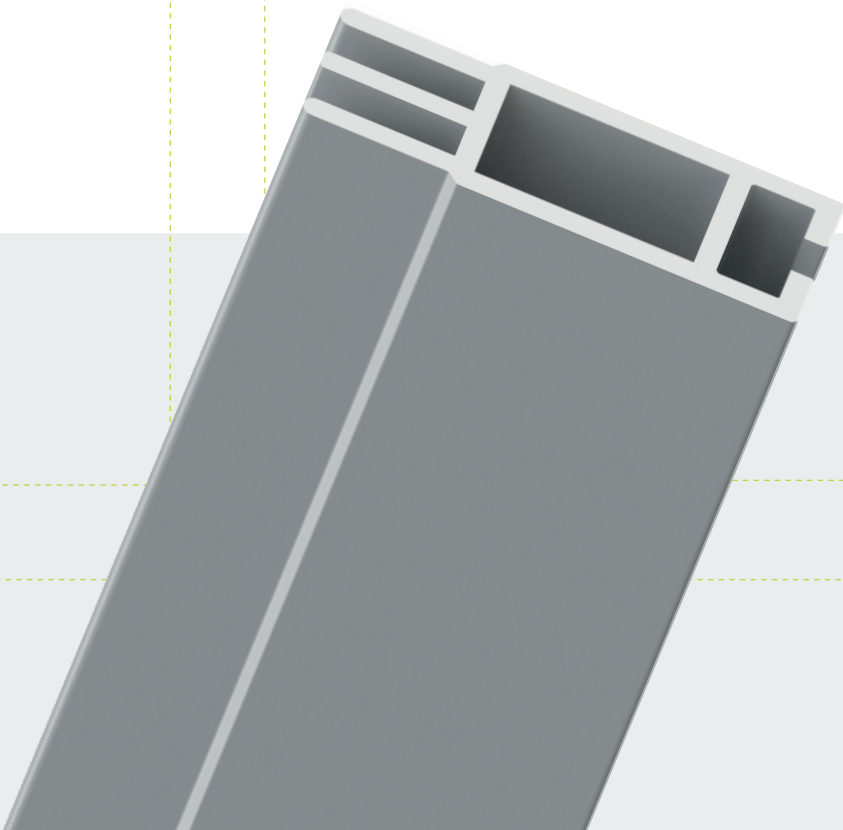
PLEASE NOTE: All settings are reset. Stored transponders are retained.

# octalumina

## kubus

Technics 03/26

Light frames for fabric cubes



## ➤ Contents

➤ <b>octalumina kubus</b>	
➤ Basic parts	180
➤ Accessories	184
➤ Electrical parts	185
➤ Products	195
➤ technical information	198

## Basic parts

### octalumina kubus

#### Tension fabric extr.

for corner solution  
for illumination

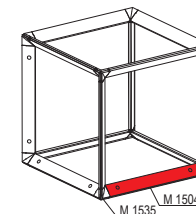
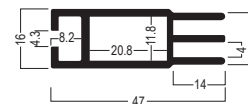


#### M 1504.01

aluminium

for corner solution, for illumination, for graphics with silicone edge  
M 1313, suspendable

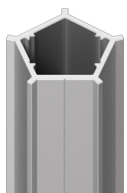
L 6000 × W 47 × H 16 mm | 4.57 kg



**Attention: maximum  
size of cube 2500 ×  
2500 × 2500 mm**

#### Extrusion

also as illumination element  
L 5000 × W 36 × H 36 mm

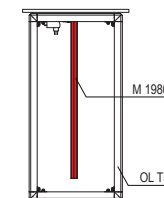
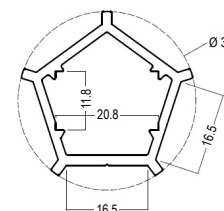


#### M 1980.00

aluminium

for illumination element manufacturing, LED strip OL 682 is stuck  
to the outer surfaces, Z 961/8 tension lock can be installed

L 5000 × W 36 × H 36 mm | 2.651 kg



**Attention: can only be  
used in connection  
with OL T50**

#### Knuckle

for M 1504  
L 96 × W 96 × H 96 mm

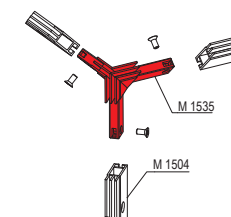
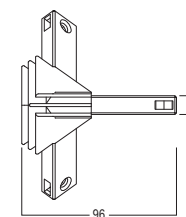


#### M 1535.31

plastic

for connection with tension fabric extrusion M 1504

L 96 × W 96 × H 96 mm | 0.056 kg

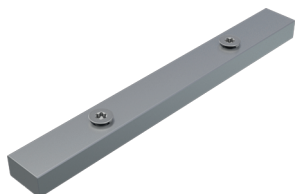


## Basic parts

### octalumina kubus

#### Internal connector

straight  
lock chamber 21 × 12 mm

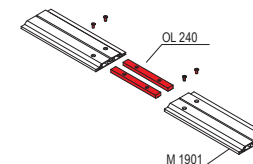
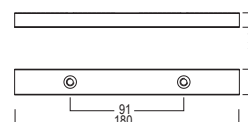


#### OL 240.00

aluminium

straight, for lateral connection of frame profiles with 21 × 12 mm lock chamber, incl. 2 × countersunk screws E 111/m (M6)

L 180 × W 21 × H 12 mm | 0.121 kg



#### Beam extrusion

groove depth 7 mm  
L 5000 × W 50 × H 16 mm

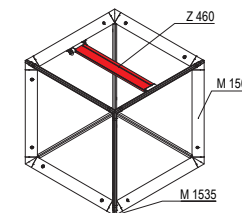
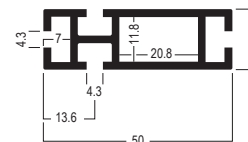


#### Z 460.01 | .11

aluminium

for installation of cube illumination, installation of Z 951/13 tension lock, groove depth 7 mm

L 5000 × W 50 × H 16 mm | 3.955 kg



#### Adaptor

for single sided bracing  
for cube

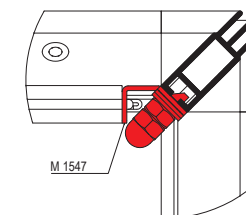
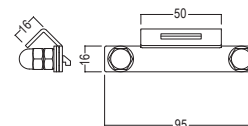


#### M 1547.37

steel

for single sided bracing, to install 16 mm bracing extrusion to cube extrusion M 1504, with 2 × hammerhead screw M 1472

L 16 × W 16 × H 95 mm | 0.098 kg



**!** mount bracing only on the same side as illumination element, otherwise shadows may occur

## Basic parts

### octalumina kubus

#### Adaptor

for double sided bracing  
for cube

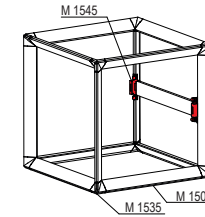
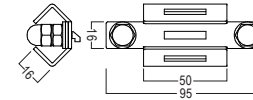


#### M 1545.37

steel

for double sided bracing, to install 16 mm bracing extrusions to  
cube extrusion M 1504, with 2 × M 1472 hammerhead screw

L 28 × W 28 × H 95 mm | 0.115 kg



**!** mount bracing only on  
the same side as  
illumination element,  
otherwise shadows  
may occur

#### Corner bracing

bottom  
for cube

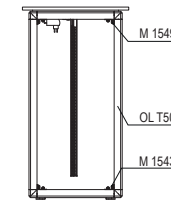
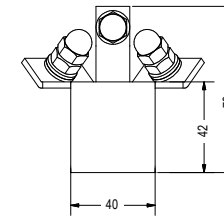


#### M 1543.37

steel

to stabilize the bottom corner when cube is used as table,  
integrated foot, with 3 × M 1472 hammerhead screw

L 50 × W 87 × H 79 mm | 0.223 kg



#### Corner bracing

top  
for cube

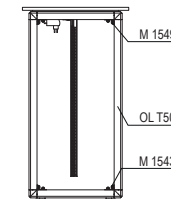
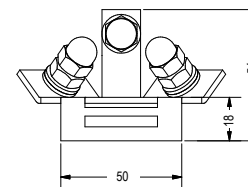


#### M 1549.37

steel

to stabilize the top corner when cube is used as table, integrated  
foot, with 3 × M 1472 hammerhead screw

L 50 × W 87 × H 54 mm | 0.144 kg

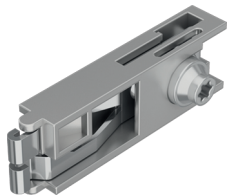


## Basic parts

### octalumina kubus

#### Tension lock

8 mm  
L 70 × W 20 × H 12 mm

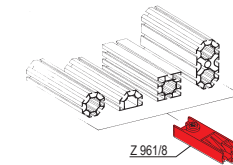
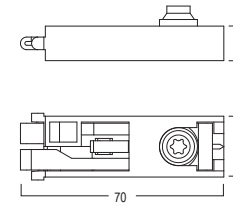


#### Z 961/8.00

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



#### Tension lock

key hole aperture  
lock chamber 21 × 12 mm

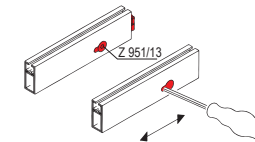
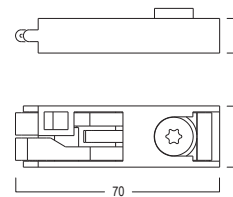


#### Z 951/13.00

zinc die cast/steel

13 mm, for all beam extrusions with lock chamber 21 × 12 mm and key hole aperture, L 70 × W 21 × H 12 mm

L 70 × W 21 × H 12 mm | 0.052 kg



## Accessories

### octalumina kubus

#### Screw eye

max. 35 kg  
Opening 20 mm dia.

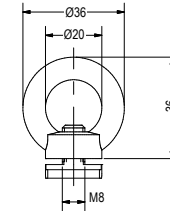


#### M 1233.37

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



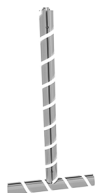
**max. load capacity 35 kg**

## Electrical parts

### octalumina kubus

#### Illumination element

**T-shape (3400 lm / 40 W)  
5 sides illuminated**

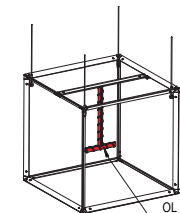
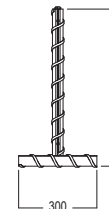


#### OL 670.90

**aluminium**

T-shaped illumination element, made of extrusion M 1201, for 5-sided illumination of cubes with 1000 mm height, 6500 K, incl. LED bands and cable connection

L 300 × W 50 × H 602 mm | 1.1 kg



**PSU and Z 460  
extrusion not included**

#### Illumination element

**straight (3400 lm / 40 W)  
4 sides illuminated**

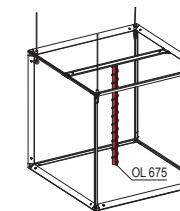
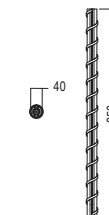


#### OL 675.90

**aluminium**

Straight illumination element, made of extrusion M 1201, for 4-sided illumination of cubes with 1000 mm height, 6500 K, incl. LED bands and cable connection

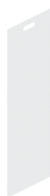
L 40 × W 40 × H 850 mm | 0.998 kg



**PSU and Z 460  
extrusion not included**

#### Diffusor screen

**L 200 × W 1 × H 640 mm**

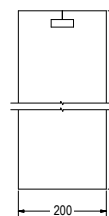


#### OL 650.90

**plastic**

for light dispersion if more than 1 lighting element OL 670 / OL 675 is used

L 200 × W 1 × H 640 mm | 0.077 kg



## Electrical parts

### octalumina kubus

#### Diffusor screen

L 200 × W 1 × H 2140 mm

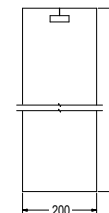


#### OL 655.90

plastic

for light dispersion if more than 1 lighting element OL 670 / OL 675 is used

L 200 × W 1 × H 2140 mm | 0.053 kg



#### Illumination element

19780 lm / 12 W  
for cube bigger as 150 cm

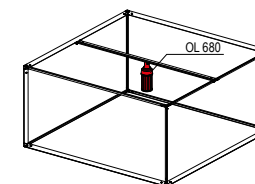
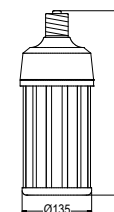


#### OL 680.90

plastic

for cubes with edge lengths bigger than 150 cm, complete with bulb fitting and connecting cable, voltage: 100-230 V AV, output: 120 W, IP64, 15600 lm, bulb fitting: E40

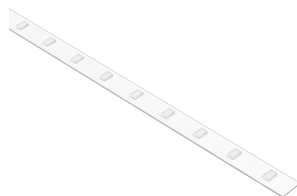
L 135 × W 140 × H 280 mm | 1.8 kg



**Attention: Only to be installed by expert staff**

#### LED strip

self-adhesive  
for M 1980

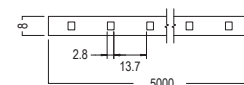


#### OL 682.90

plastic

for extrusion M 1980, on roll, voltage: 24V, light color: 5600 K, power: 4,8W/m, self-adhesive back

L 5000 × W 8 × H 2.2 mm | 0.109 kg



**LED strip can be cut to length in 100 mm steps**

## Electrical parts

### octalumina kubus

#### LED strip

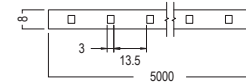
self-adhesive  
for M 1201



#### OL 685.90

plastic

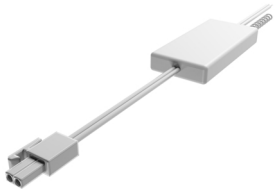
for extrusion M 1201, on roll, voltage: 24V, light color: 6500 K,  
power: 24 W/m, luminous flux: 1700 lm/m, self-adhesive back  
L 5000 × W 10 × H 1,5 mm | 0.138 kg



**i** LED strip can be cut to length in 100 mm steps

#### Dimmer

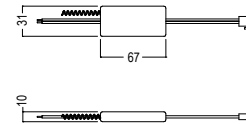
Mini  
12-24 V



#### OL 181.90

plastic

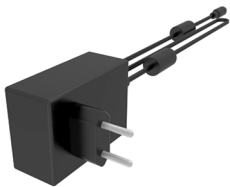
controller and remote Voltage: 12V-24V 6A Max, 144 W @ 24 V, 72 W @ 12V, 1 channel input open, output with LED connector  
L 67 × W 31 × H 10 mm | 0.144 kg



**i** only in combination with OL 303 - 312, OL 685, OL 682

#### Power supply

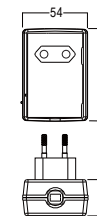
36 W  
for LEDs



#### OL 191.90

plastic, black

for LEDs, input: 100-240 V AC, 50/60 Hz, 0.8 A, output: 24 V DC, 1.5 A, 36 W, cable length 1000 mm  
L 79 × W 54 × H 33 mm | 0.209 kg



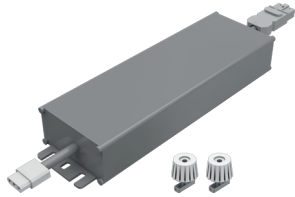
**i** OL 149 necessary, max. load only up to 29 W recommended for long life soan of the LED power supply unit

## Electrical parts

### octalumina kubus

#### Power supply

60 W  
for LEDs

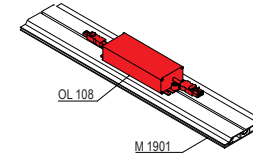
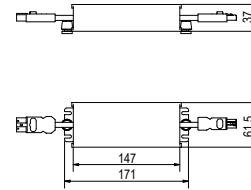


#### OL 108.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 0.64 A, Output: 24 V DC, 2,5 A, 60 W, plug connection at both ends, includes 2 × OL 252 mounting set

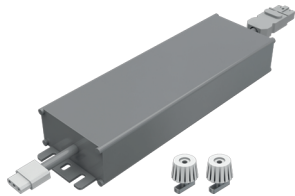
L 171 × W 62 × H 37 mm | 0.722 kg



**!** max. load only up to 48 W recommended for long life soan of the LED power supply unit

#### Power supply

100 W  
for LEDs

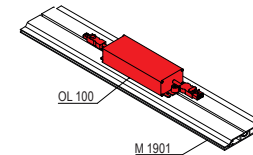
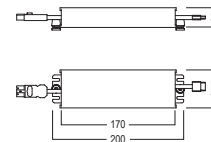


#### OL 100.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 1,1 A, output: 24 V DC, 4,16 A, 100 W, plug connection at both ends, includes 2 × OL 252 mounting set

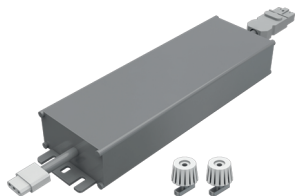
L 200 × W 65 × H 39 mm | 0.921 kg



**!** max. load only up to 80 W recommended for long life soan of the LED power supply unit

#### Power supply

150 W  
for LEDs

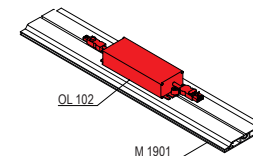
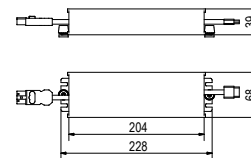


#### OL 102.90

aluminium/plastic

for LEDs, input: 100-240 V AC, 50/60 Hz, 1,7 A, output: 24 V DV, 6,3 A, 150 W, plug connection at both ends, includes 2 × OL 252 mounting set

L 228 × W 68 × H 39 mm | 1.174 kg



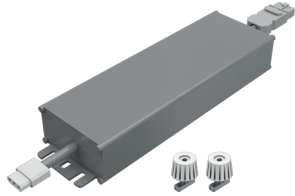
**!** max. load only up to 120 W recommended for long life span of the LED power supply unit

## Electrical parts

### octalumina kubus

#### Power supply

**240 W  
for LEDs**

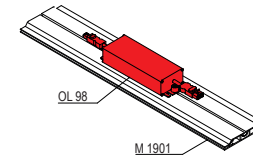
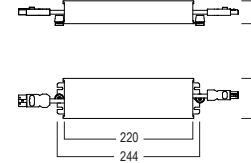


#### OL 98.90

**aluminium/plastic**

for LEDs, input: 100-240 V AC, 50/60 Hz, 4.0 A, output: 24 V DV, 10,0 A, 240 W, plug connection at both ends, includes 2 x OL 252 mounting set

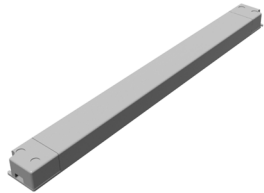
L 244 x W 68 x H 39 mm | 1.219 kg



**!** max. load only up to 192 W recommended for long life soan of the LED power supply unit

#### Power supply

**100 W (Slim Line)  
installation in frame**

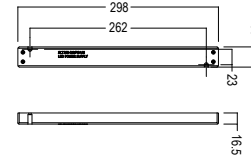


#### OL 104/1.90

**plastic**

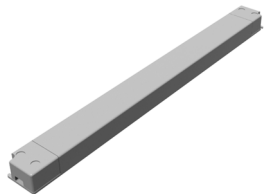
for installation in octalumina 40/80/120 frames, Input: 200-240 V AC, 50/60 Hz, 0.95 A, Output: 24 V DC, 4,17 A, 100 W

L 298 x W 30 x H 16.5 mm | 0.221 kg



#### Power supply

**150 W (Slim Line)  
installation in frame**

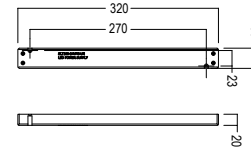


#### OL 106/1.90

**plastic**

for installation in octalumina 40/80/120 frames, input: 200-240 V AC, 50/60 Hz, 1.0 A, output: 24 V DC, 6,25 A, 150 W

L 320 x W 30 x H 22 mm | 0.243 kg



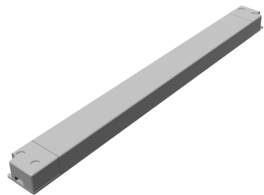
**!** Only suitable for 230 volts! Not for USA and Canada!

## Electrical parts

### octalumina kubus

#### Power supply

**200 W (Slim Line)  
installation in frame**

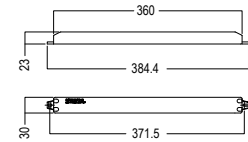


#### OL 206/1.90

plastic

for installation in octalumina 40/80/120 frames, input: 200-240 V AC, 50/60 Hz, 1.6 A, output: 24 V DC, 8.33 A, 200 W

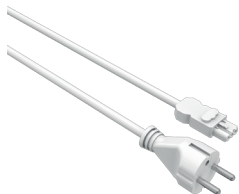
L 360 × W 30 × H 23 mm | 0.431 kg



**!** Only suitable for 230 volts! Not for USA and Canada!

#### Power cable

**for LED PSU  
2000 mm long**

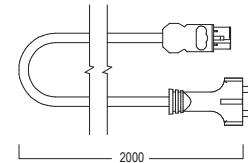


#### OL 122.90

plastic, white

Mains connection cable, socket - Schuko plug, 3 poles, rated voltage 250 V, rated current 16 A, cable type H05VV-F, conductor nominal cross-section 1.5 mm<sup>2</sup>

2000 mm long | 0.277 kg



**!** for PSU OL 98 / OL 100 / OL 102 / OL 108

#### Connecting cable

**external, 24V  
1000 mm long**

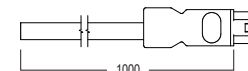


#### OL 139.30

plastic

for connecting a LED module to the power supply unit, if the distance between LED power supply and LED module is too big, incl. plug OL 148 on one side, 24 V/10 A

1000 mm long | 0.088 kg



**!** after cutting the cable to size the female plug OL 149 has to be mounted on the other side

## Electrical parts

### octalumina kubus

#### Connecting cable

external, 24V  
3000 mm long

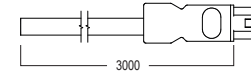


#### OL 140.30

plastic

for connecting a LED module to the power supply unit, if the distance between LED power supply and LED module is too big, incl. plug OL 148 on one side, 24 V/10 A

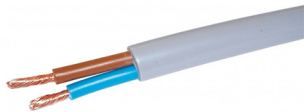
3000 mm long | 0.251 kg



**!** after cutting the cable to size the female plug OL 149 has to be mounted on the other side

#### Connecting cable

2-wire  
1000 mm long

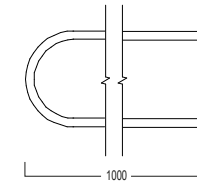


#### OL 359-1.90

plastic, white

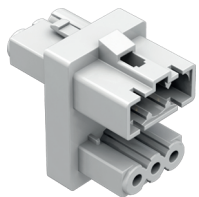
2 wire cable (brown, blue), PVC hose cable white

1000 mm long | 0.057 kg



#### Distributor block

250 V/16 A  
for 2 x PSU

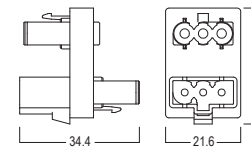


#### OL 142.90

plastic, white

for connecting two power supply units OL 100 and/or OL 102 to the 2 m long power cable OL 122, 1 input / 2 output, 3 poles, 250 V/16 A

L 32 x W 22 x H 35 mm | 0.014 kg

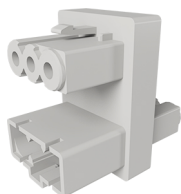


## Electrical parts

### octalumina kubus

#### Distributor block

250 V/16 A  
for 3 × PSU

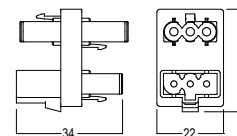


#### DL 142.90

plastic, white

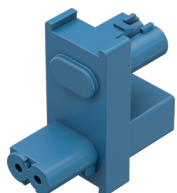
for connecting 3 power supply units to 2 m power cable OL 122, 1 input / 3 output, 3 poles, 250 V/16 A

L 36 × W 22 × H 33 mm | 0.016 kg



#### Distributor block

24V / 16A  
for 2 × LED module

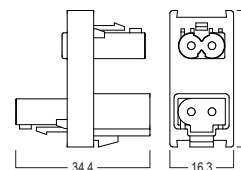


#### OL 150.30

plastic

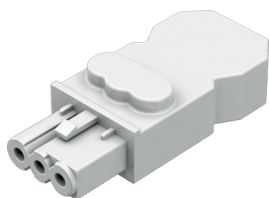
to be used in combination with OL 123 / OL 125 / OL 127 / OL 129, 2 poles, 1 input / 2 output, 24V / 16A

L 35 × W 34 × H 16 mm | 0.006 kg



#### Female connector

250V / 16A  
for DIY assembly

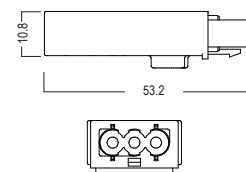


#### OL 144.30

plastic, white

for DIY assembly, 3 pole, with strain relief, use with power cable OL 122, 250V / 16A

L 53 × W 23 × H 14 mm | 0.008 kg

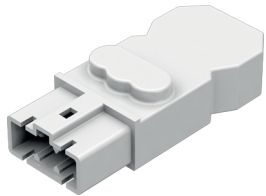


## Electrical parts

### octalumina kubus

#### Male plug

250V / 16A  
for DIY assembly

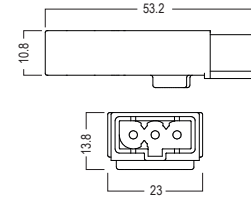


#### OL 146.30

plastic, white

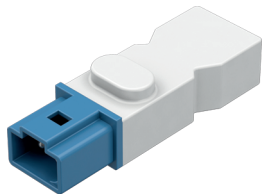
for DIY assembly of OL 98 / OL 100 / OL 102 / OL 104 / OL 106 / OL 108 PSUs, 3-pole, with strain relief, 250V / 16A

L 53 × W 23 × H 14 mm | 0.025 kg



#### Male plug

24V / 16A  
for DIY assembly

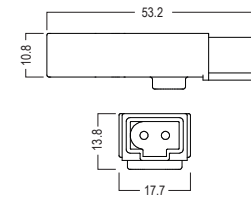


#### OL 148.90

plastic

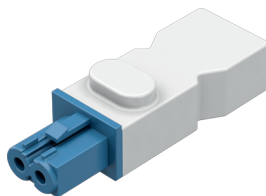
for DIY assembly of 24 V OL 135-1 / OL 137-1 connection cable, 2-pole, with strain relief, 24V / 16A

L 53 × W 18 × H 14 mm | 0.008 kg



#### Female connector

24V / 16A  
for DIY assembly

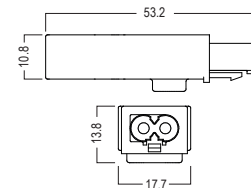


#### OL 149.90

plastic

for DIY assembly of OL 98 / OL 100 / OL 102 / OL 104 / OL 106 / OL 108 power supply units, or 24 V OL 139 / OL 140 connection cable, 2-pole, with strain relief, 24V / 16A

L 53 × W 18 × H 14 mm | 0.008 kg

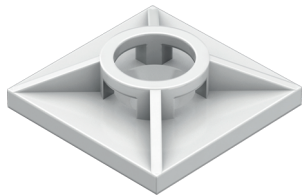


## Electrical parts

### octalumina kubus

#### Adhesive base

100 pcs  
for cable ties OL 255

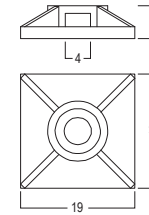


#### OL 254.90

plastic, white

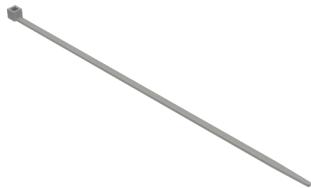
for wire management with wire ties OL 255 (not included), max. width wire ties 4 mm, packaging unit 100 pcs.

L 19 × W 19 × H 5 mm | 0.071 kg



#### Cable tie

100 pcs  
L 155 × W 2.5 mm

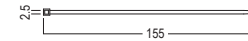


#### OL 255.90

plastic, white

for wire management with fixing set for cable ties, packaging unit 100 pcs

L 155 × W 2.5 mm | 0.051 kg



## Products

### octalumina kubus

#### Light cube

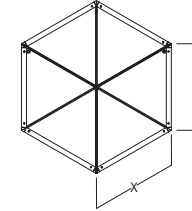
cube  
custom size



#### OL 690.90

aluminium

cube solution for ceiling suspension (depending on size), optional with lighting element OL 675 (straight), OL 670 (T-shaped) or OL 680 (cone-shaped), up to 2500 mm edge length, Custom size: please specify dimensions in your order  
custom size |



without  
fabric/graphics

#### Counter

illuminated  
W 900 × H 912 × D 440 mm

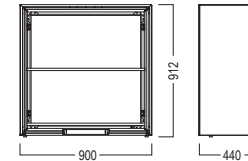


#### OL C800.31

aluminium

incl. 2 × shelves, octalumina front frame, 6500 K, fabric wing doors without illumination, pre-assembled LEDs and PSU, cable length 2 m, space-saving, foldable, easy assembly, outer frame dimensions front: W 900 × H 900 mm, outer frame dimensions side: W 440 × H 900 mm

W 900 × H 912 × D 440 mm | 24.398 kg



without  
fabric/graphics

fabric dimensions =  
outer frame  
dimensions + 5 mm

#### Transport bag

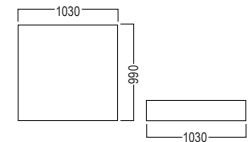
for Q 800/OL C800  
L 1030 × W 210 × H 990 mm



#### Q 899.90

nylon

transport bag for counter Q 800 and illuminated counter OL C800  
L 1030 × W 210 × H 990 mm |



## Products

### octalumina kubus

#### Bar table

illuminated  
L 570 x W 570 x H 1031 mm

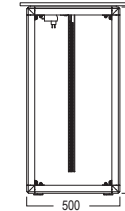


#### OL T50.90

aluminium

bar table with 4 illuminated sides, corners with no visible edges, with tabletop, Power: 19W, Power adapter: OL 191, Light color: 5600K, outer frame dimension: W 498 x H 998 mm

L 570 x W 570 x H 1031 mm | 14.139 kg

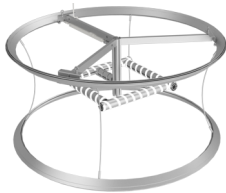


without  
fabric/graphics

fabric dimension =  
outer frame dimension

#### Circular lamp

1000 mm dia.  
for seamless graphics

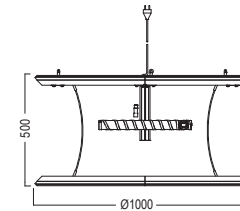


#### OL 440.01

aluminium

1 x ceiling lamp, for seamless graphics, LED modules and LED power supply unit mounted (6500 K, 9860 lm, 140 W), incl. cable with Schuko plug

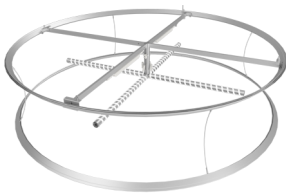
L 1000 x W 1000 x H 500 mm | 11 kg



without  
fabric/graphics

#### Circular lamp

2000 mm dia.  
for seamless graphics

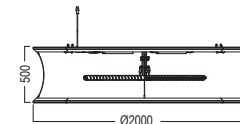


#### OL 450.01

aluminium

1 x ceiling lamp, for seamless graphics, LED modules and LED power supply unit mounted (6500 K, 16320 lm, 230 W), incl. cable with Schuko plug

L 2000 x W 2000 x H 500 mm | 21 kg



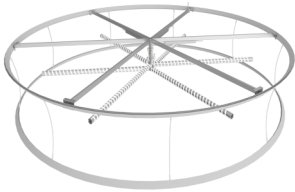
without  
fabric/graphics

## Products

### octalumina kubus

#### Circular lamp

3000 mm dia.  
for seamless graphics

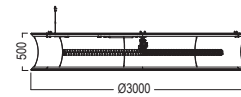


#### OL 460.01

aluminium

1 × ceiling lamp, for seamless graphics, LED modules and LED power supply unit mounted (6500 K, 40800 lm, 576 W), incl. cable with Schuko plug

L 3000 × W 3000 × H 500 mm | 37 kg



without  
fabric/graphics

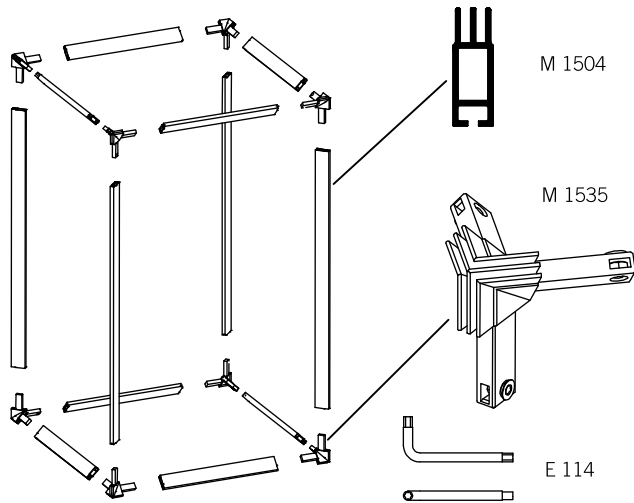
## ➤ technical information

➤ M-OL-2.0	200
octalumina Bar table OL T50 assembly instruction	
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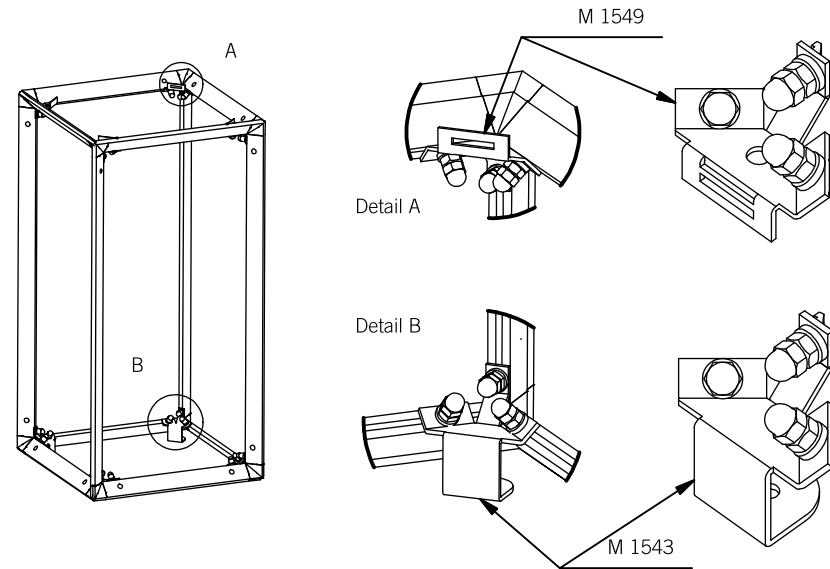
## ➤ technical information

➤ TI-OL-3.1	213
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➤ TI-OL-3.3	215
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➤ TI-OL-5.1	216
octalumina Mini Dimmer OL 181 User Manual	

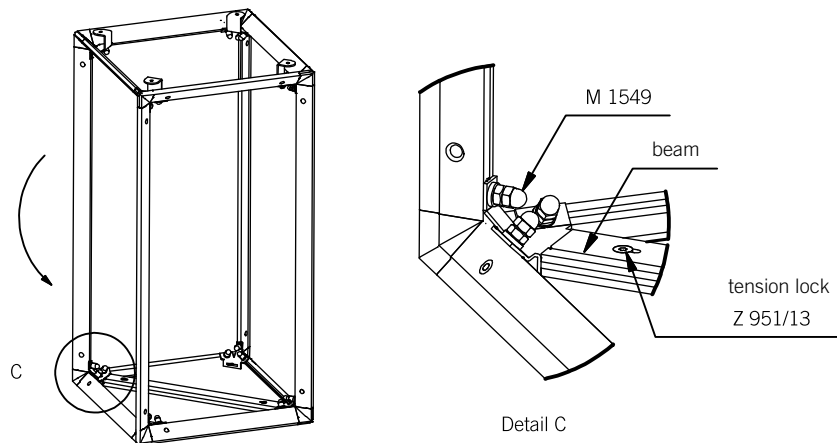
1. assemble cube



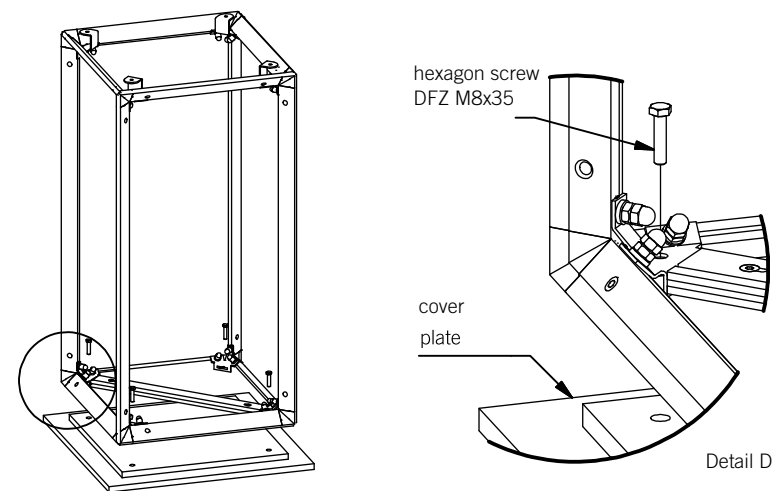
2. assemble angle reinforcement M 1543 and M 1549



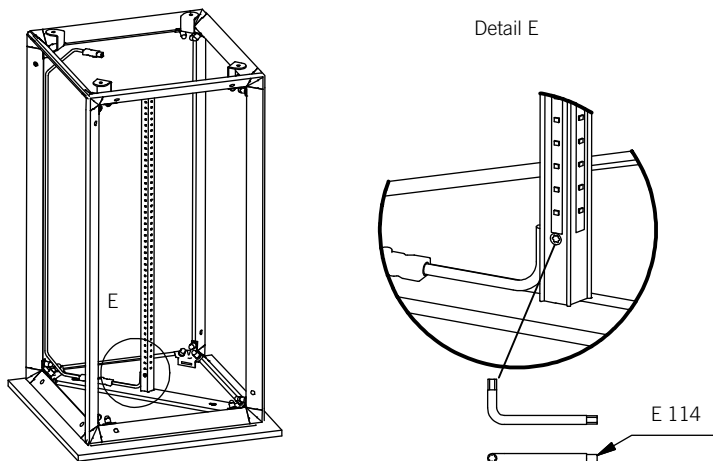
3. turn cube and assemble diagonal beam



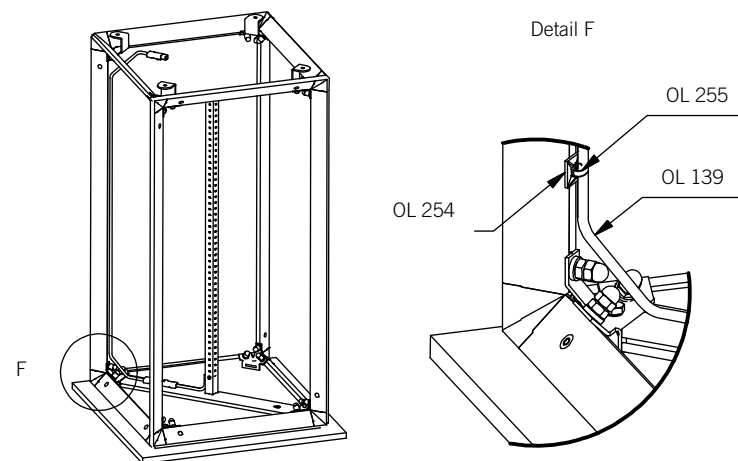
4. assemble cover plate



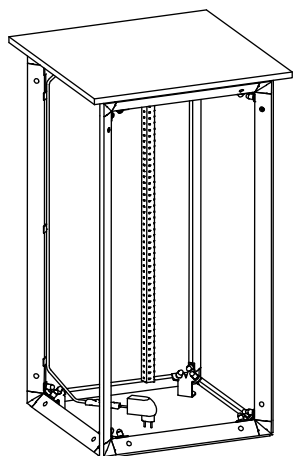
5. assemble lighting element in the center at diagonal beam



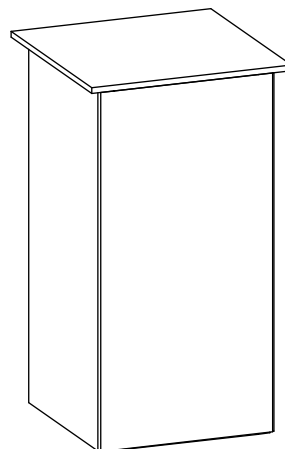
6. vertical installation of fixing set OL 254, fix connecting cable OL 139 with cable ties OL 255



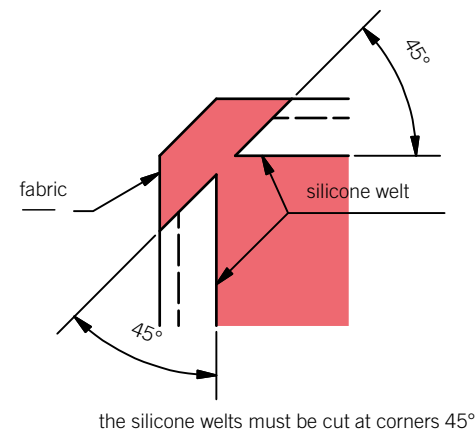
7. turn cube, connect all plugs, plug into the power supply unit, functional test LED



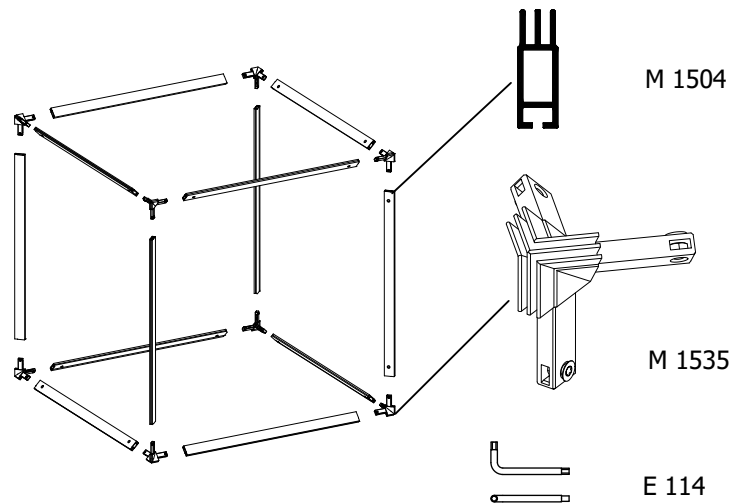
8. install fabric



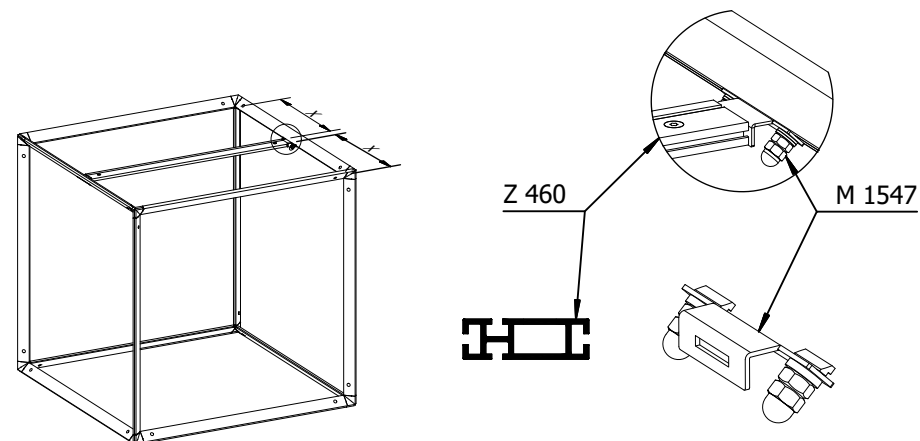
information for fabric fitting



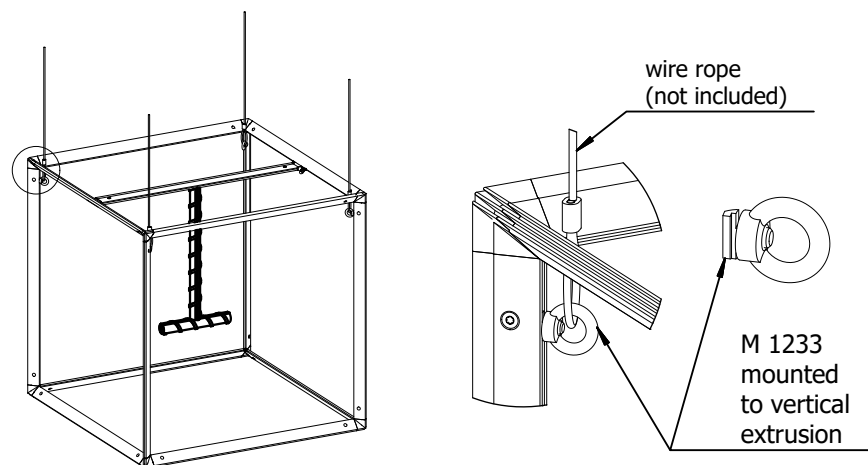
1. assembly of cube



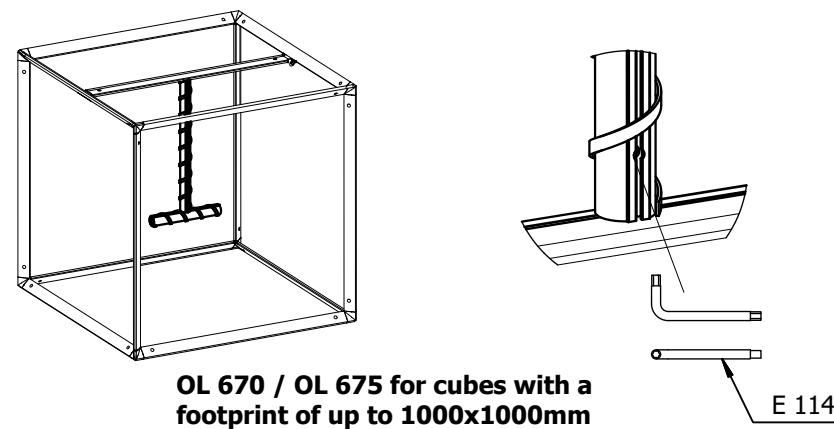
2. mounting of beam for lighting in center of cube



3. mounting of wire suspension (if required)

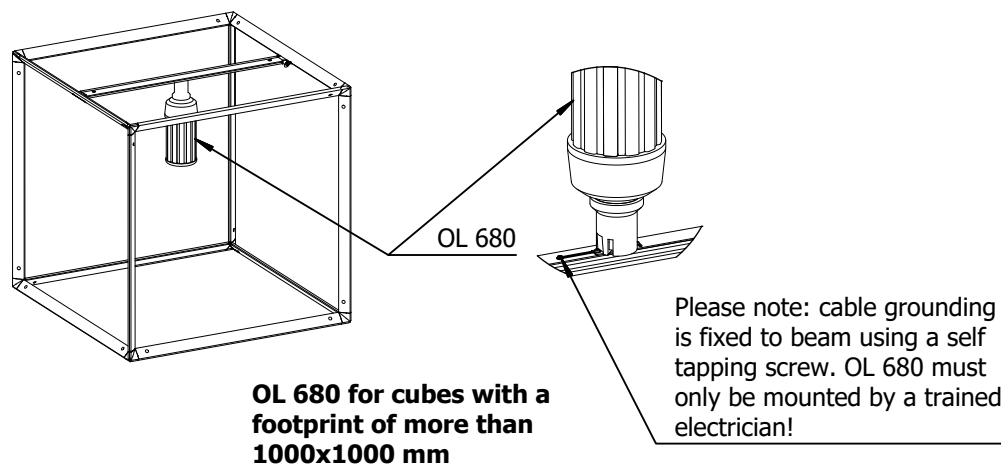


4a. mounting of lighting element (OL 670 / OL 675 in center of beam)

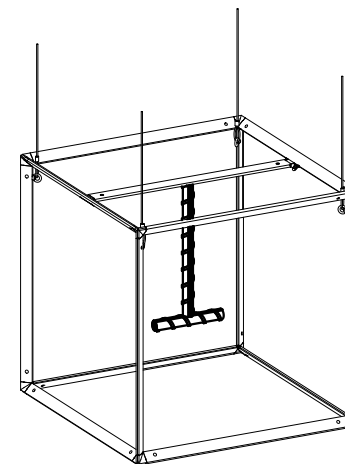


TI TIOL41B E-000520-1110A-T01 B Schnelle Änderung 29.10.2018 SC

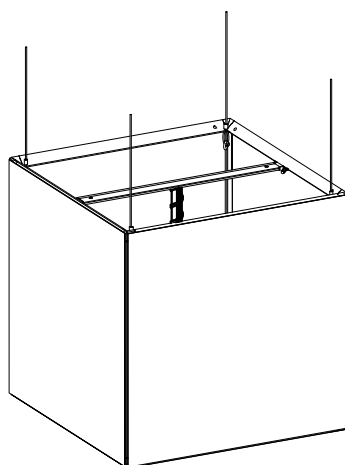
4b. alternative: mounting of lighting element OL 680 in center of beam



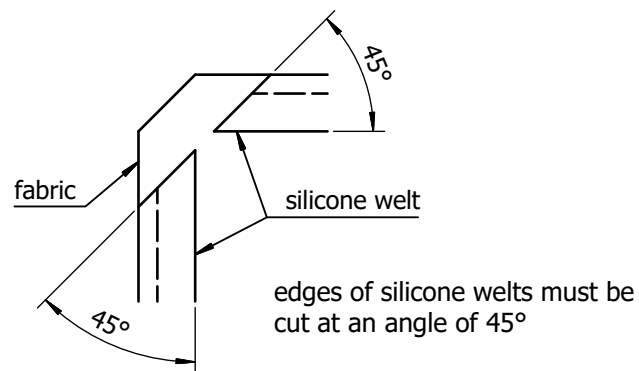
5. LED connection and function test

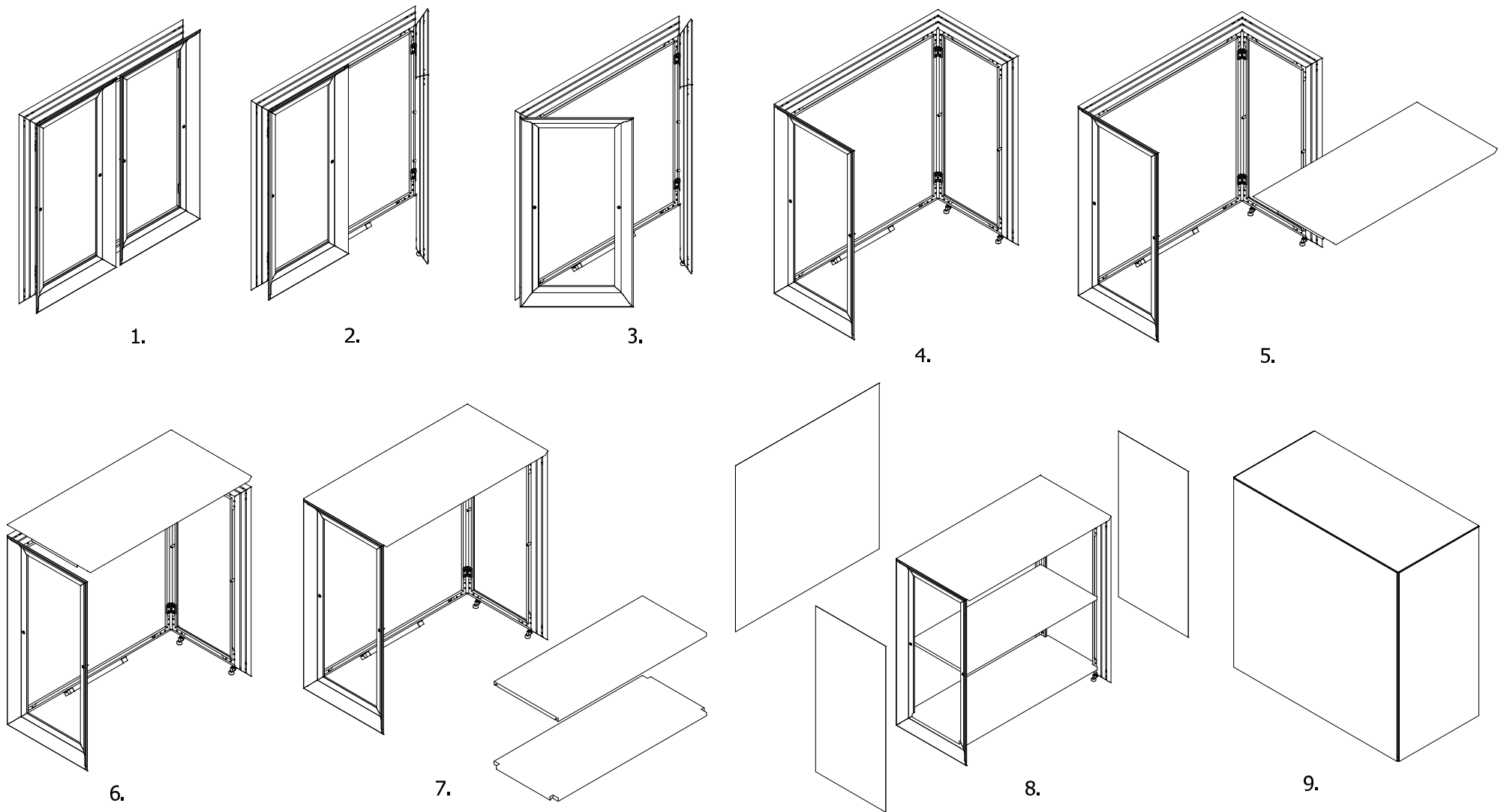


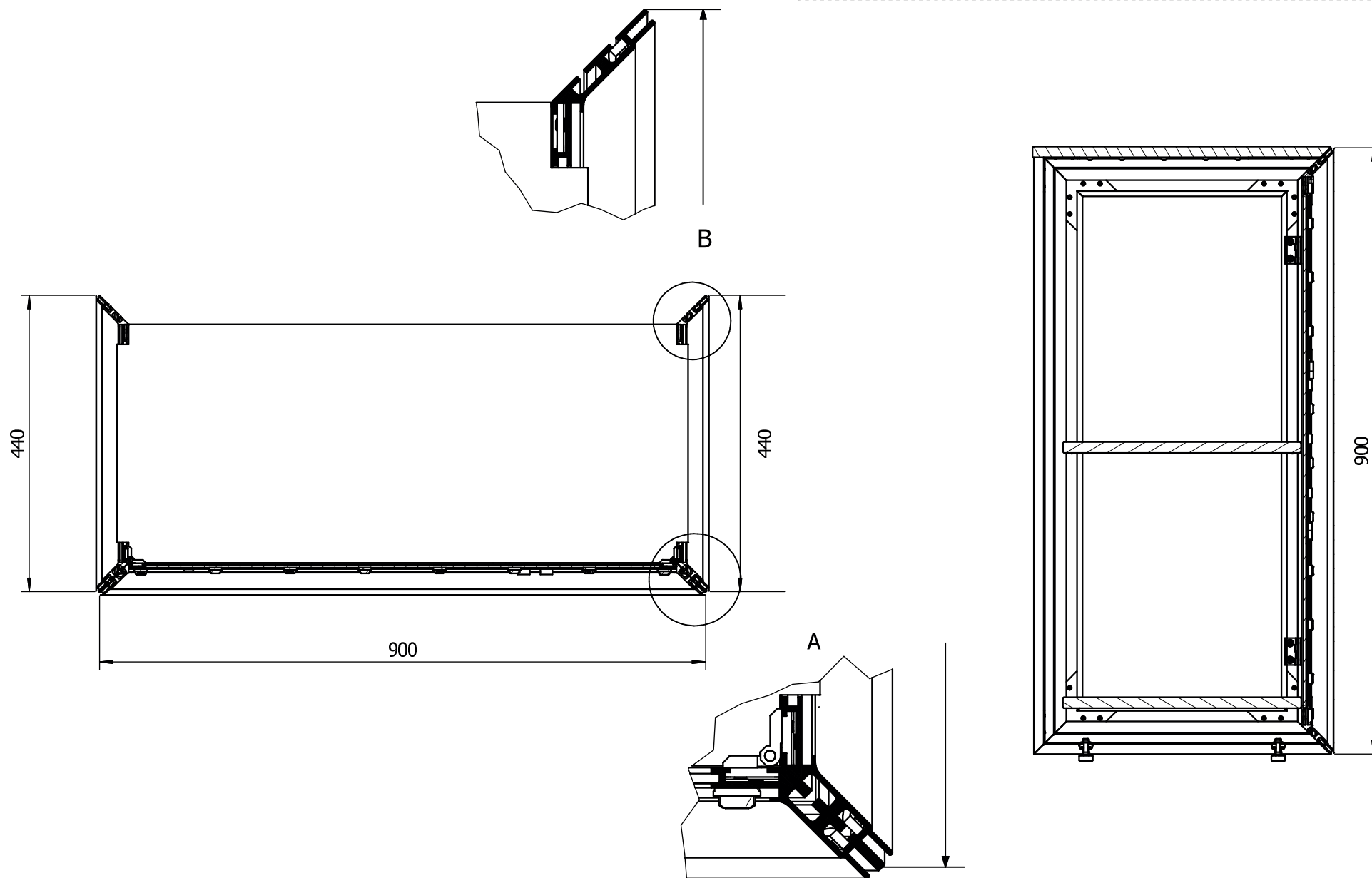
6. mounting of fabric



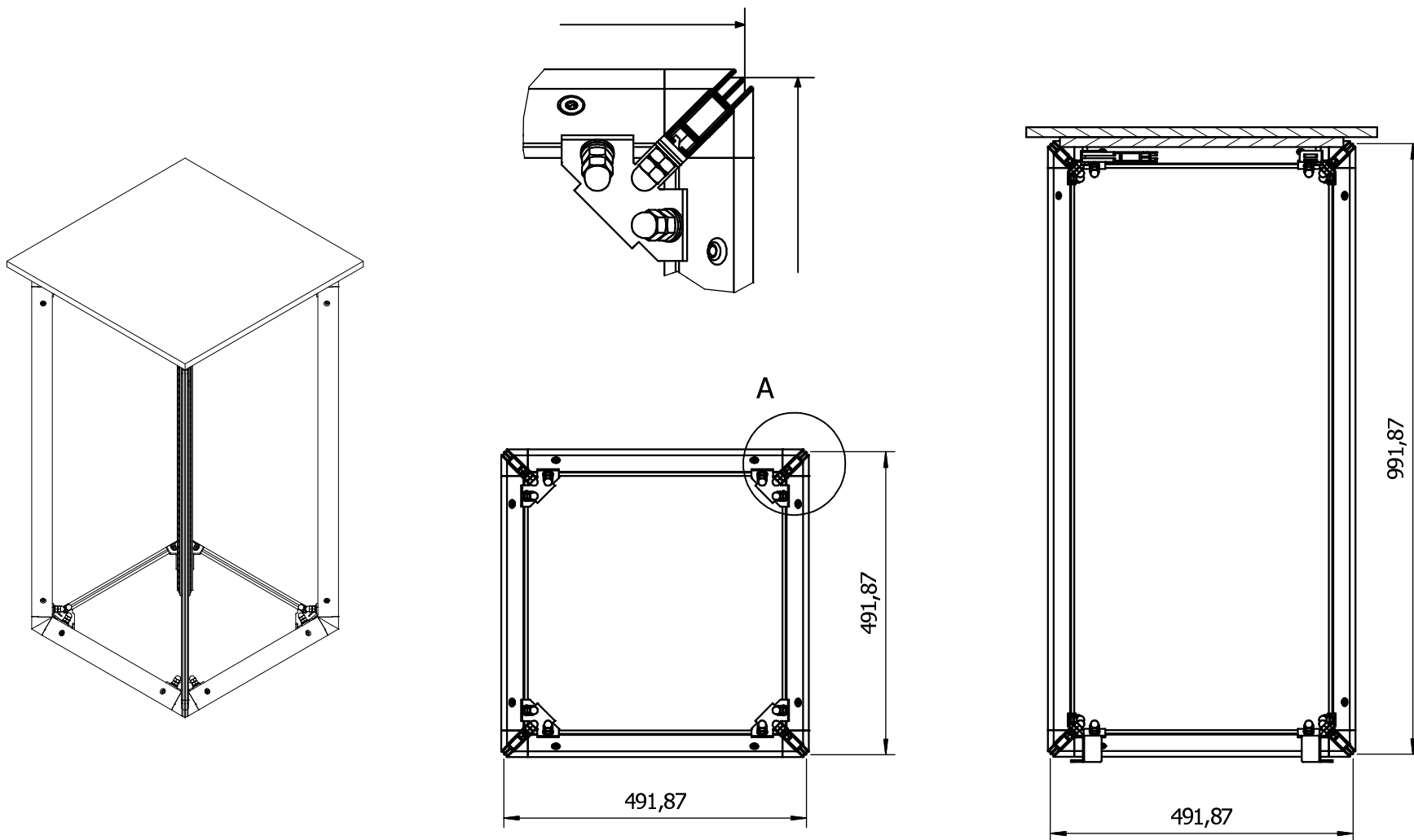
information for fabric fitting



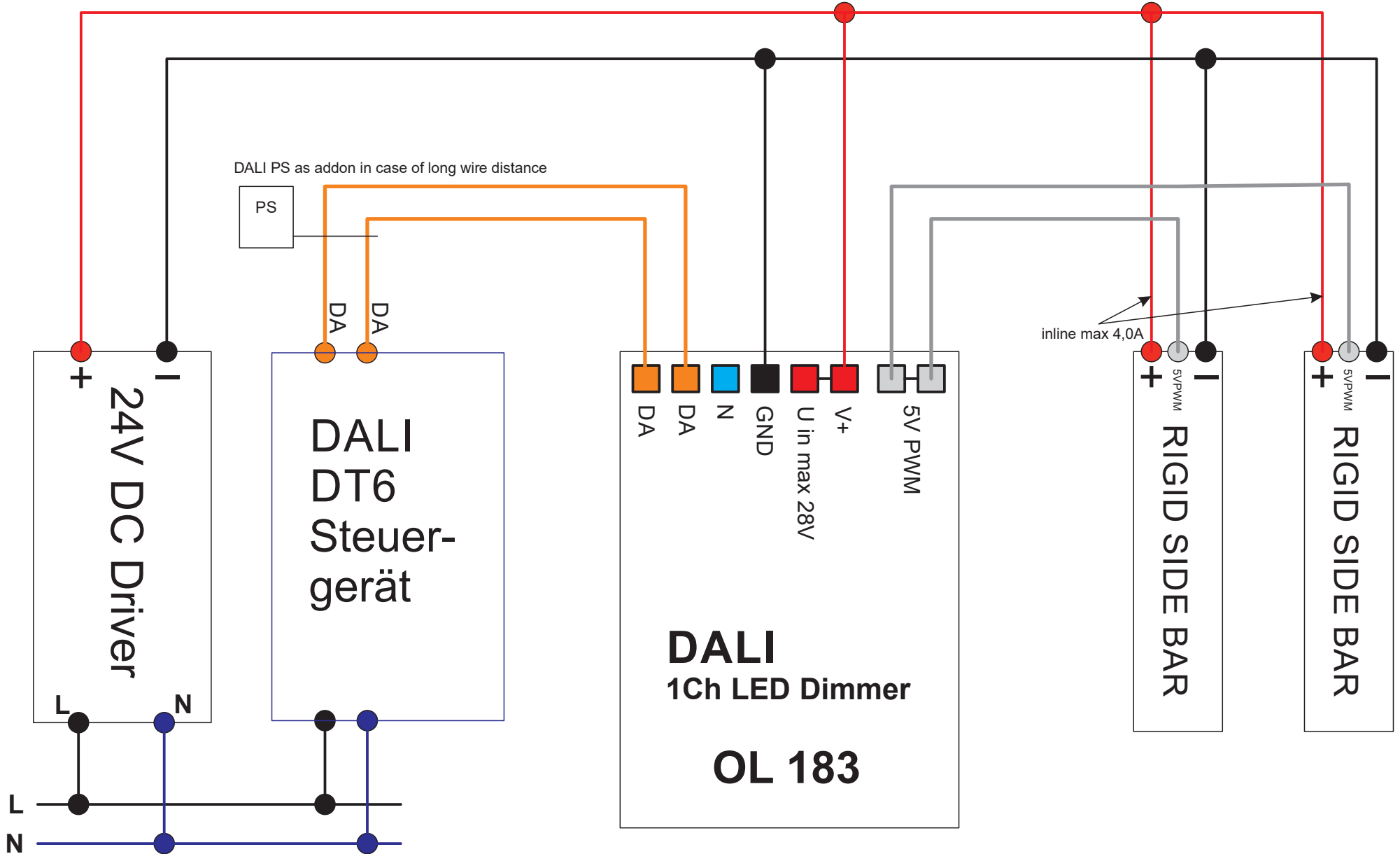


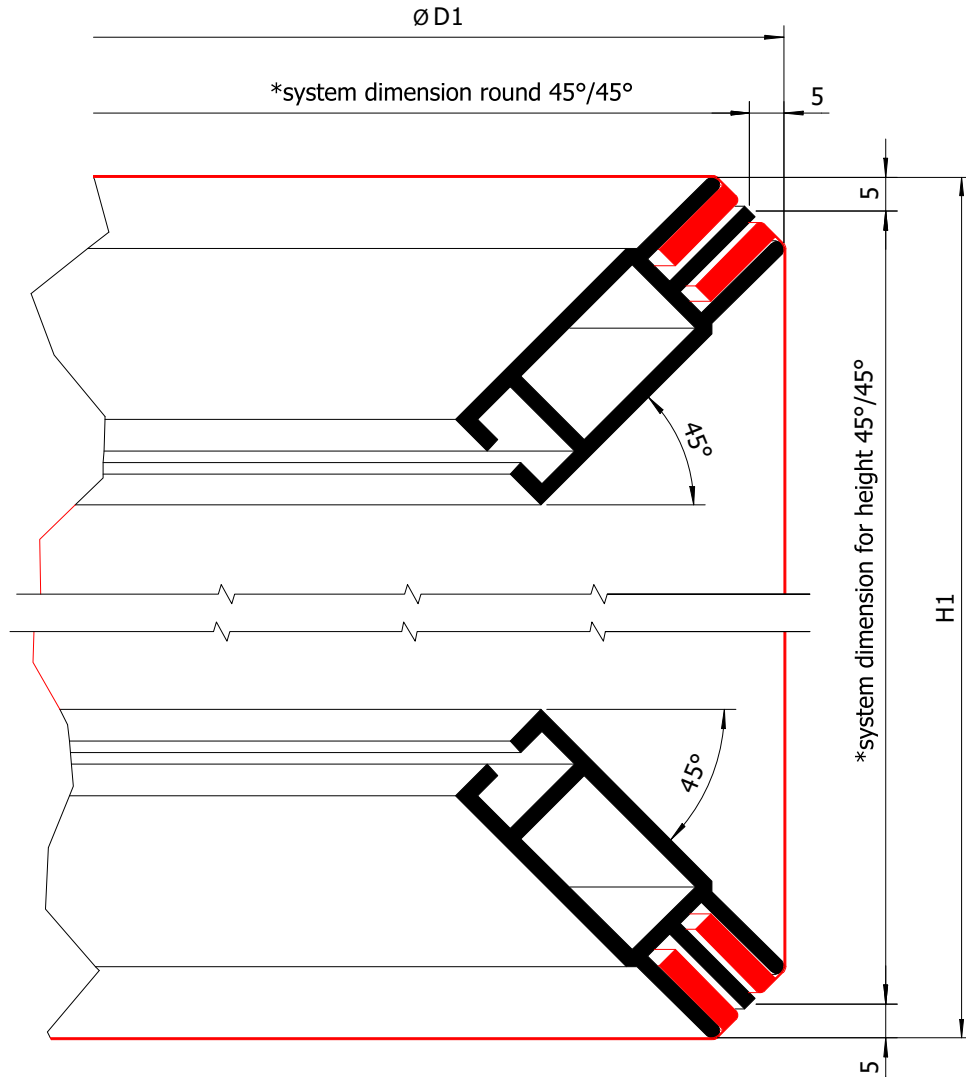


TIOL C800-1 E-000455-3620A-T01A



TIOL T50-3 E-000520-1500A-T03A

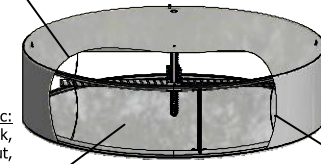




\*as defined by our fabric supplier; may vary individually

**Top fabric:**  
Block-out, white back,  
Ø D1 - 10 mm, round cut,  
flat silicone edge 14 x 3 mm all around,  
\*system dimension 45°/45°.

**Bottom fabric:**  
Block-out, white back,  
Ø D1 - 10 mm, round cut,  
flat silicone edge 14 x 3 mm all around,  
\*system dimension 45°/45°.



**Circumferential fabric:**  
Block-out, white back or  
with print, translucent,  
L x (H1 - 10 mm),  
vertical closure with flat silicone edge,  
flat silicone edge 14 x 3 mm all around,  
L : \*system dimension 90°/90°  
H1: \*system dimension 45°/45°

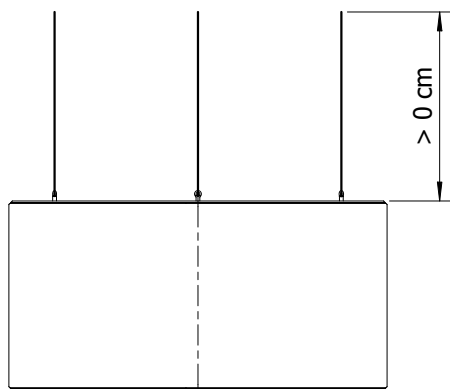
Dimensions round fabric top/bottom		
Item N°	D1	*system dim. round 45°/45°
OL 440	1000	990
OL 450	2000	1990
OL 460	3000	2990



Extrusion for vertical closure with flat  
silicone edge 14 x 3 mm  
\*system dimension 90°/90°

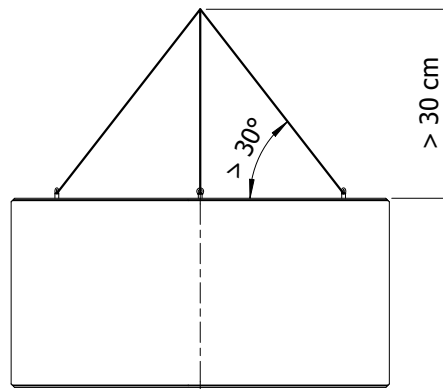
Dimensions circumferential fabric			
Item N°	D1	L = (D1 x 3,14) - 5 mm	*system dim. for height 45°/45°
OL 440	1000	3135	= H1 - 10 mm
OL 450	2000	6275	= H1 - 10 mm
OL 460	3000	9415	= H1 - 10 mm

### 3 Hanging Points

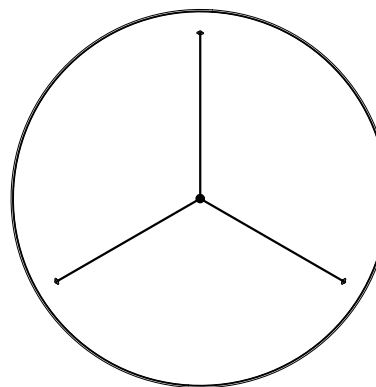
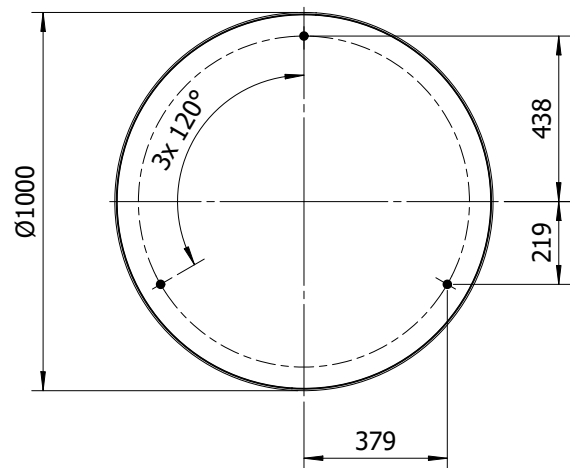


required accessories:  
3x suspension kit OL 435 or  
3x suspension kit OL 437

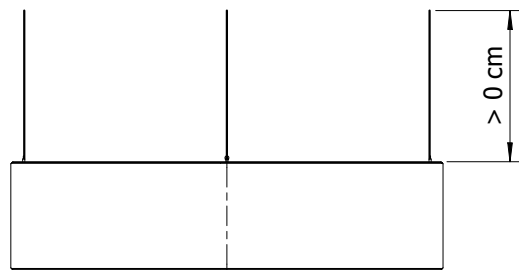
### 1 Hanging Point



required accessories:  
1x central ceiling suspension OL 436-3

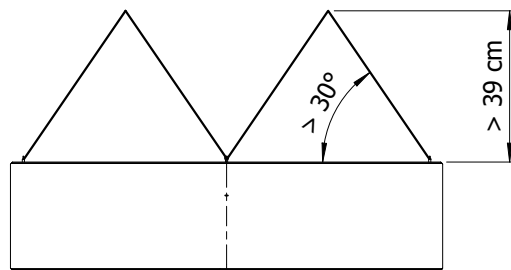


### 4 Hanging Points



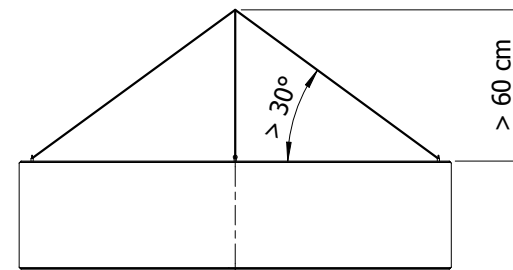
required accessories:  
4x suspension kit OL 435 or  
4x suspension kit OL 437

### 2 Hanging Points

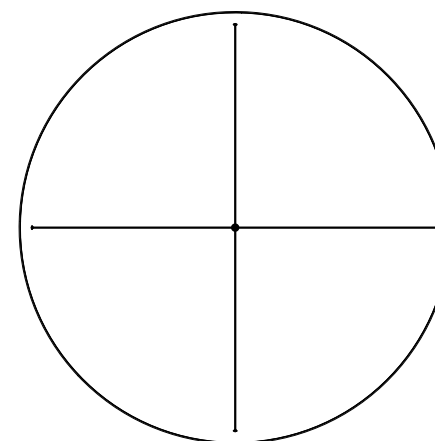
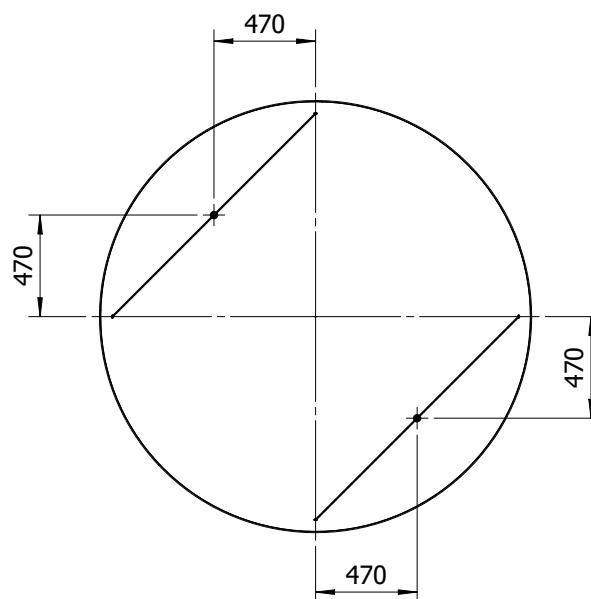
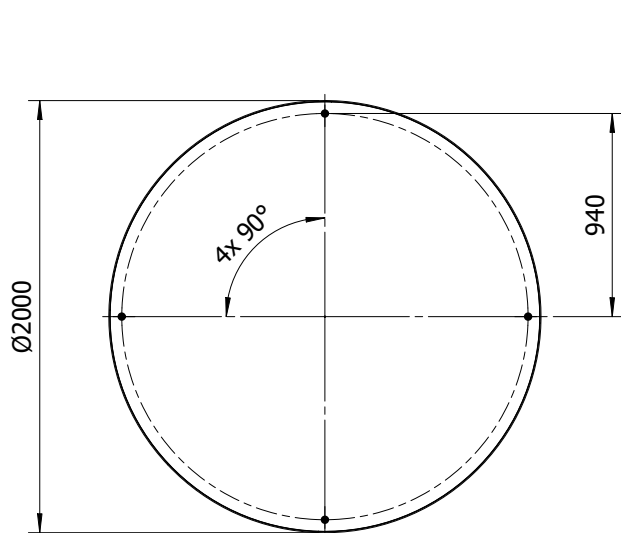


required accessories:  
4x suspension kit OL 437

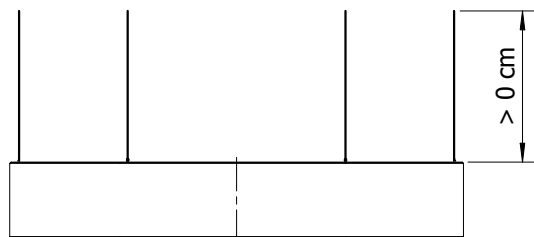
### 1 Hanging Point



required accessories:  
1x central ceiling suspension OL 436-4

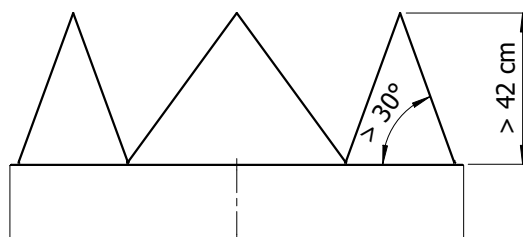


### 6 Hanging Points



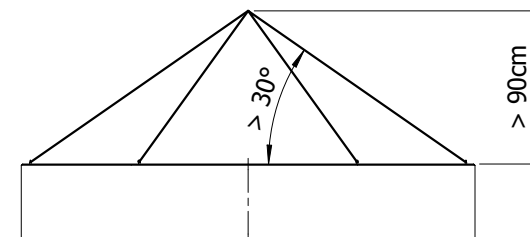
required accessories:  
4x suspension kit OL 435 or  
6x 4x suspension kit OL 437

### 3 Hanging Points

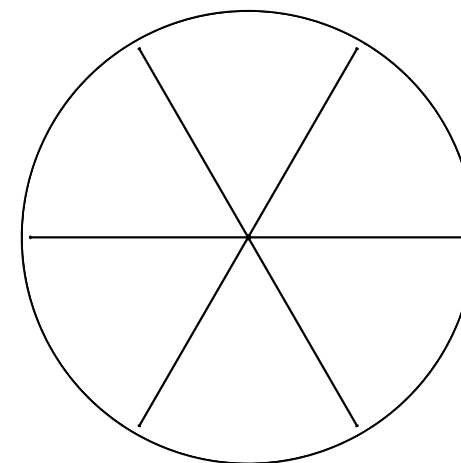
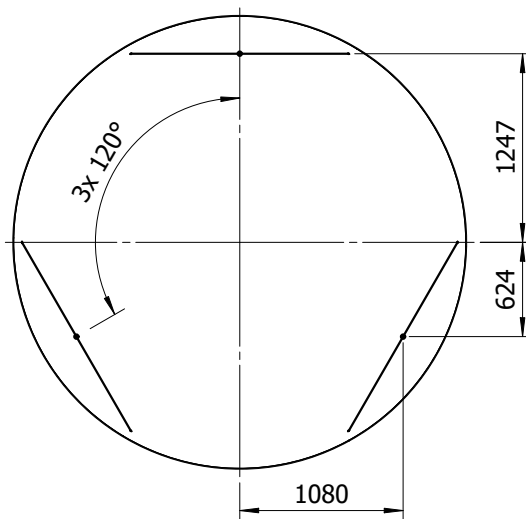
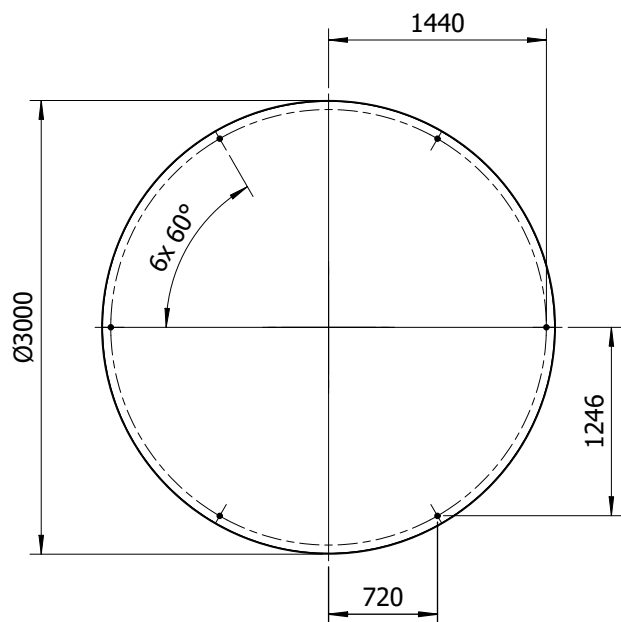


required accessories: 6x 4x  
suspension kit OL 437

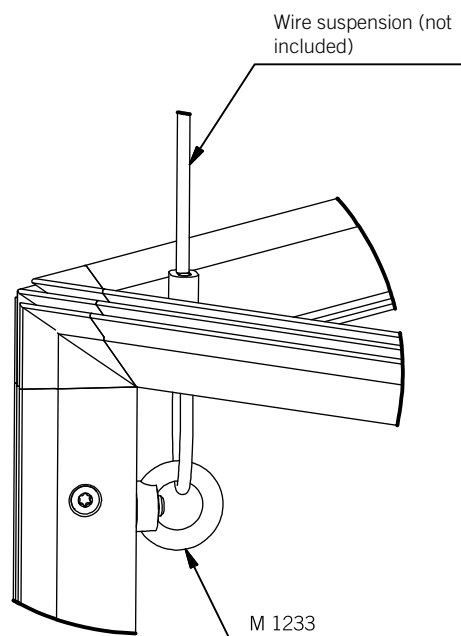
### 1 Hanging Point



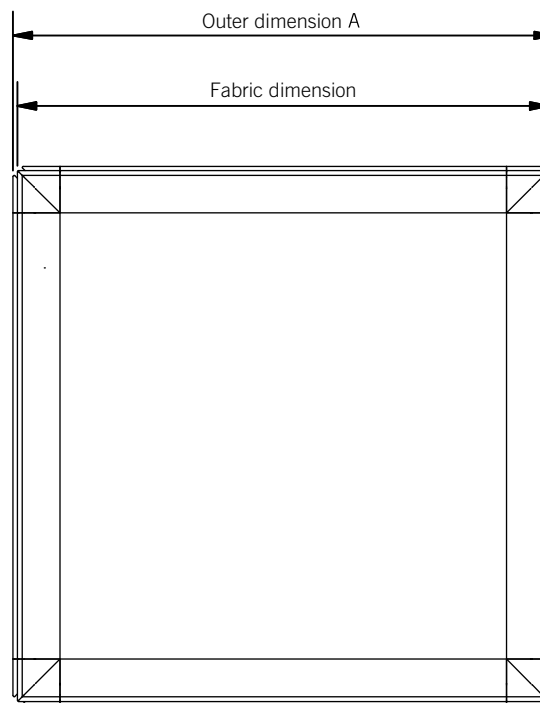
required accessories:  
1x central ceiling suspension OL 436-6



Wire suspension

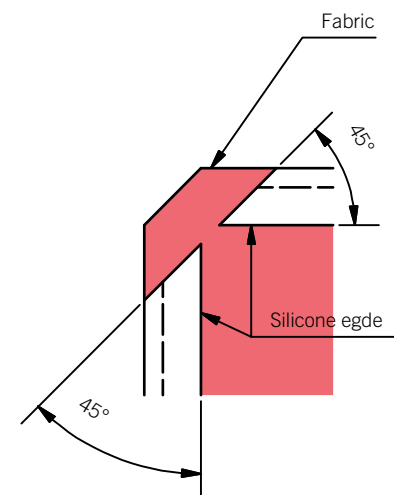


Fabric dimensions



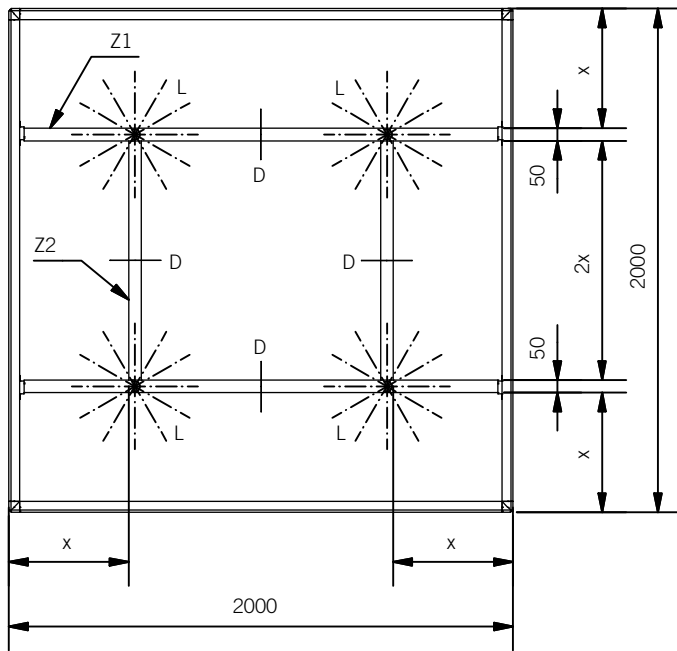
Fabric dimensions = Outer dimensions A - 4 mm

Fabric fitting



The silicone edges have to be cut at a 45° angle at both ends

Cube square 4 lighting elements



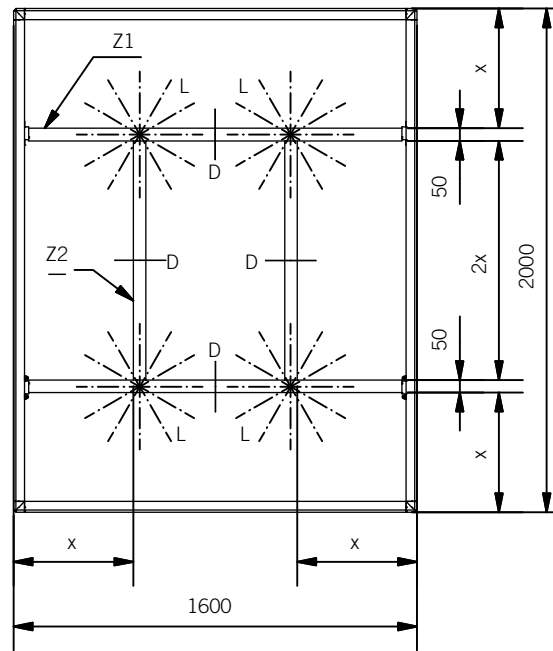
Example: Cube 2000 x 2000 mm

dimension X:  $(2000-100) / 4 = 475$  mm

Z1 beam:  $2000 - 120 = 1880$  mm  
Z2 beam:  $2x = 950$  mm

lighting element (L) at intersection of beam diffuser foil (D) between lighting elements

Cube rectangular 4 lighting elements



Example: Cube 2000 x 1600 mm

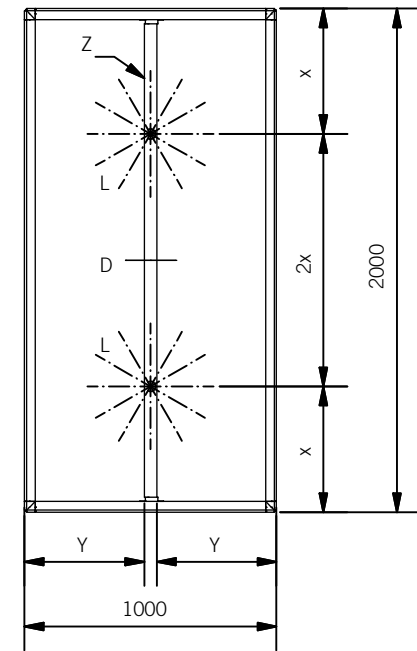
dimension X:  $(2000-100) / 4 = 475$  mm

For determining of **measure X** the **longer outer dimension** must be used

Z1 beam:  $1600 - 120 = 1480$  mm  
Z2 beam:  $2x = 950$  mm

lighting element (L) at intersection of beam diffuser foil (D) between lighting elements

Cube rectangular 2 lighting elements



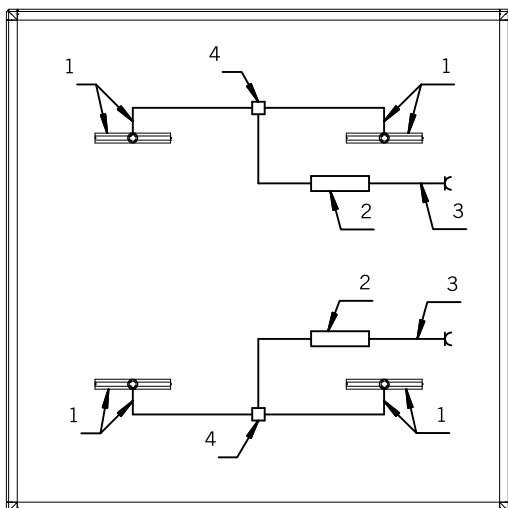
Example: Cube 2000 x 1000 mm

dimension X:  $2000 / 4 = 500$  mm

beam:  $2000 - 120$  mm = 1880mm

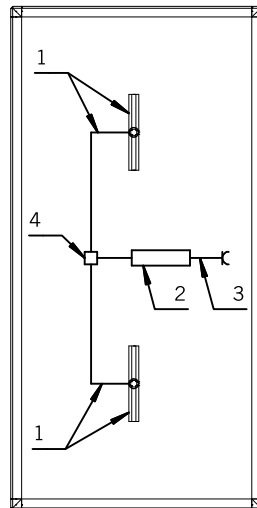
lighting element (L) with measure X diffuser foil (D) between lighting elements

Cube 4 Lighting Elements



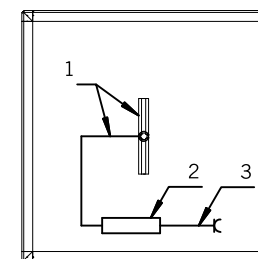
Parts list for wiring of 4 lighting elements			
Item	Qty	Art. N°	Description
1	4	OL 670, OL 675	lighting element (straight or T-shaped)
2	2	OL 102	PSU
3	2	OL 122	connection cable
4	2	OL 150	distribution block

Cube 2 Lighting Elements

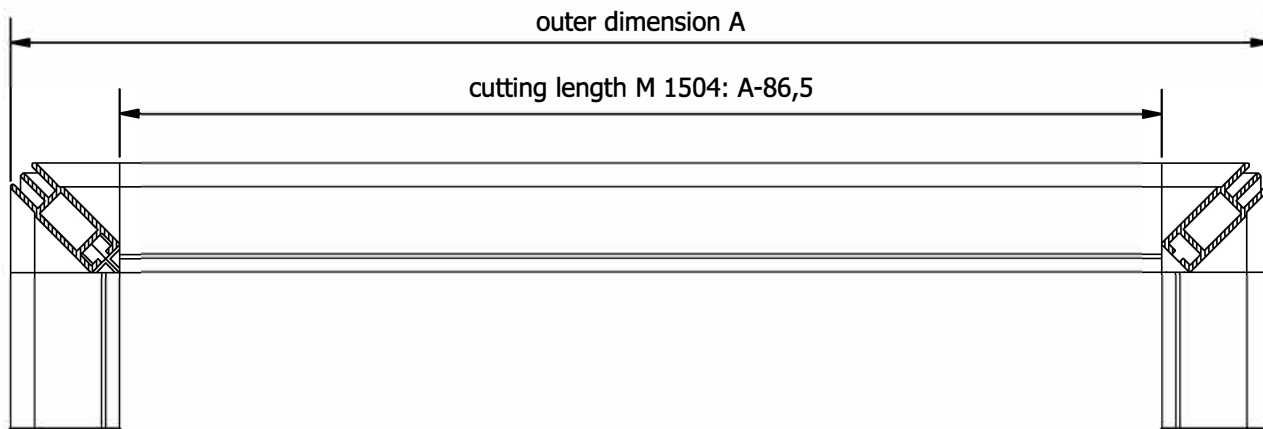


Parts list for wiring of 2 lighting elements			
Item	Qty	Art. N°	Description
1	2	OL 670, OL 675	lighting element (straight or T-shaped)
2	1	OL 102	PSU
3	1	OL 122	connection cable
4	1	OL 150	distribution block

Cube 1 Lighting Element

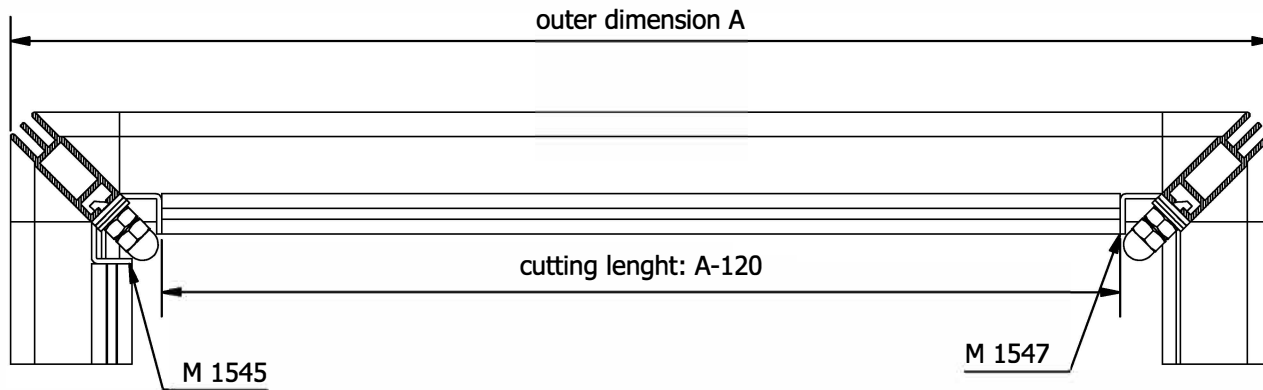


Parts list for wiring of 1 lighting element			
Item	Qty	Art. N°	Description
1	1	OL 670, OL 675	Lighting element (straight or T-shaped)
2	1	OL 100	PSU
3	1	OL 122	connection cable



fabric tension extrusion M 1504:

cutting length extrusion:  
outer dimension frame -86,5mm



reinforcement extrusion:

cutting length extrusion:  
outer dimension frame -120mm

extrusions: Z 4400, Z 400, Z 460

TI-OL-3.3

**Description:**

Mini Dimmer for brightness control of LED strips (indoor use only), consuming 144 W max. at 24 V. The Mini Dimmer is controlled by a RF remote.

**1. Specifications**

- Working temperature: - 20 to 60 °C
- Supply voltage: 24 V
- Output: dimmed, max. 24 V
- Size: L 50 x W 30 x H 10 mm
- Max. amps: 6 A

**2. Warning**

- Never connect to AC 220 V or voltage > 24 V DC.
- Check if LEDs are dimmable before use.
- We assume no warranty for damages caused by over-voltage, overload, improper use or use of incompatible components.

**3. Remote Control**

<b>I</b>	On
<b>O</b>	Off
<b>XX %</b>	Brightness Short Keys
<b>DIY</b>	Press once, adjust brightness, press again to save
<b>Delay Off</b>	Turn off after 30 sec.)
<b>+</b>	Speed/brightness
<b>-</b>	Speed/brightness
<b>FUN</b>	Flash/Fade





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