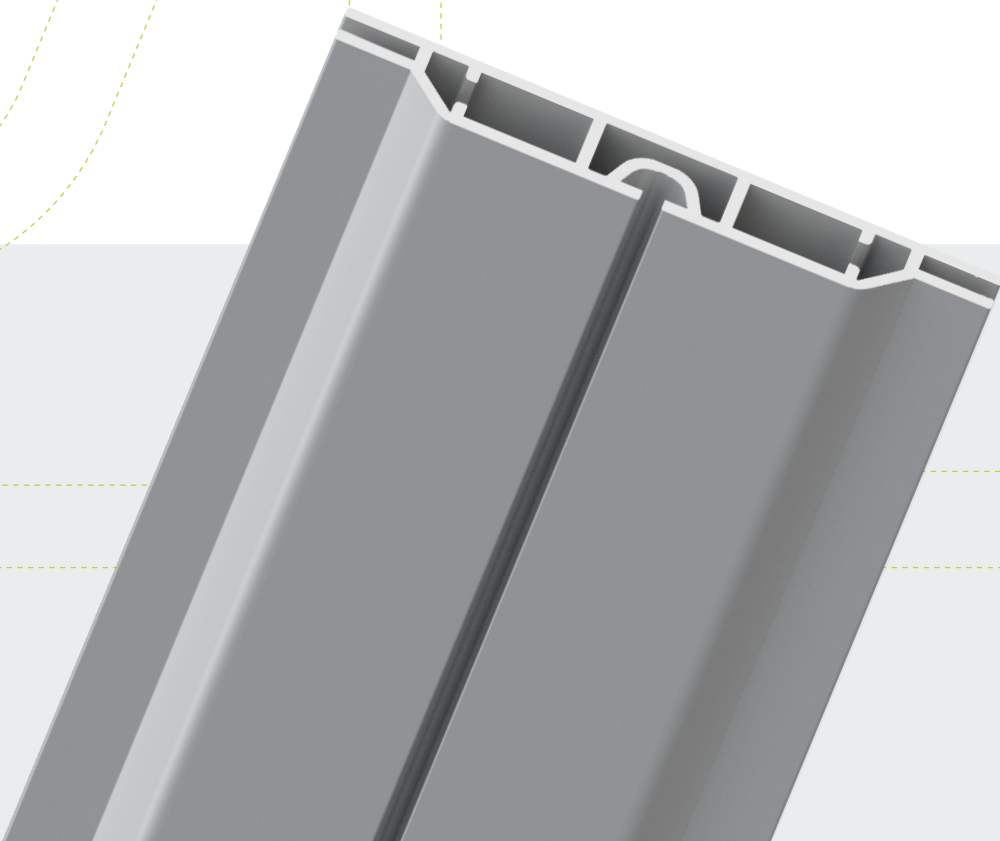


octalumina

40/80/120 mm

↗ Technics 11/25

Light frames for fabric



➤ Contents

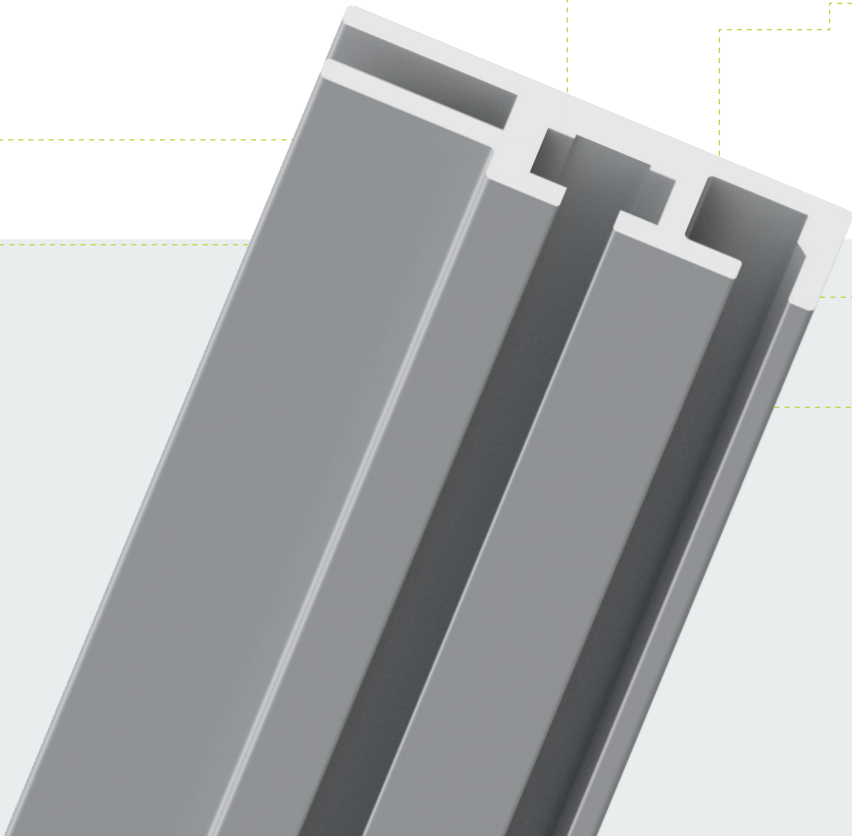
➤ octalumina 40	4
➤ octalumina 80	26
➤ octalumina 120	62
➤ octalumina plus	123
➤ octalumina kubus	171

octalumina

40 mm

↗ **Technics 11/25**

Light frames for fabric



➤ Contents

➤ **octalumina 40**

➤ Basic parts	5
➤ Accessories	7
➤ Electrical parts	8
➤ Products	20
➤ technical information	22

Basic parts

octalumina 40

Tension fabric extr.

without system groove
for single-sided illumination

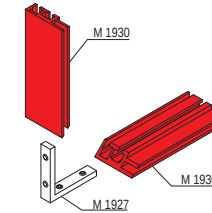
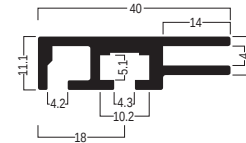


M 1930.01

aluminium

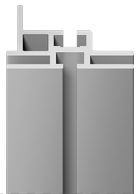
for light frames with single sided illumination, without system groove, graphics with silicone edge M 1313

L 6000 × W 40 × H 11 mm | 3.41 kg



Tension fabric extr.

with system groove
for single-sided illumination

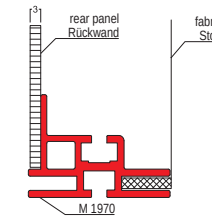
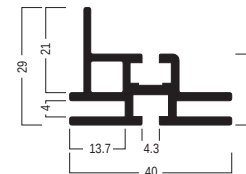


M 1970.01

aluminium

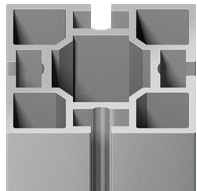
for light frames with single-sided illumination, with system groove, graphics with silicone edge M 1313

L 6000 × W 40 × H 29 mm | 4.341 kg



Square extrusion

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

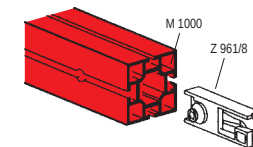
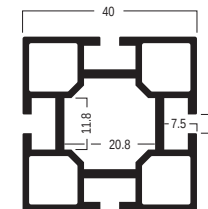


M 1000.01

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

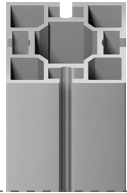


Basic parts

octalumina 40

Corner upright

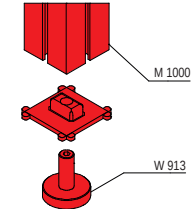
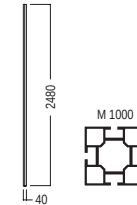
90°
with adjustable foot W 913



W 990.01

aluminium

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



Fixing set

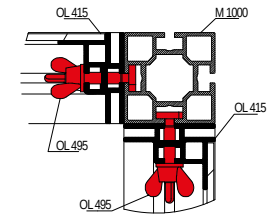
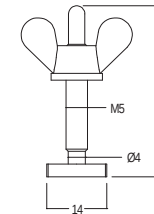
M5
for OCTAlumina 40 frames



OL 495.90

steel

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



Corner connector

90°
for M 1930 / M 1970 / M 1601

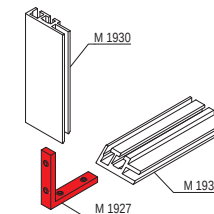
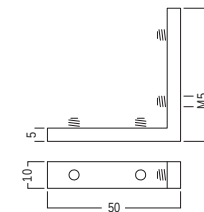


M 1927.00

steel

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

L 50 × W 50 × H 10 mm | 0.014 kg



Accessories

octalumina 40

Adjustable foot

M10
for OCTAlumina 40 frames

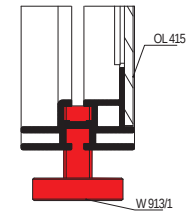
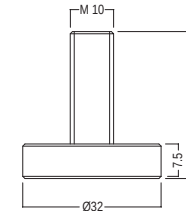


W 913/1.37

steel

M10, for mounting in OCTAlumina 40 light frames (OL 415)

L 32 × W 32 × H 34 mm | 0.008 kg



1 M 10 thread has to be cut into the frame extrusion

Screw eye

max. 35 kg
Opening 20 mm dia.

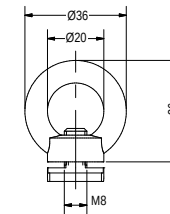


M 1233.37

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



1 max. load capacity 35 kg

Angle support

for panel mounting
for extrusion M 1930

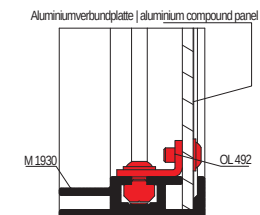
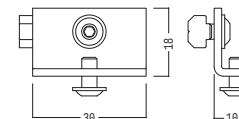


OL 492.37

steel

to fix the rear panel (aluminium compound) to the M 1930 frame profile

L 30 × W 18 × H 10 mm | 0.021 kg



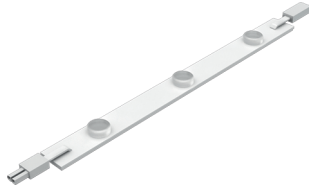
1 recommended for length from 1000 mm

Electrical parts

octalumina 40

LED module

3 LEDs
357 lm / 3.7 W / 24 V

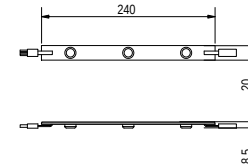


OL 303.90

aluminium/plastic

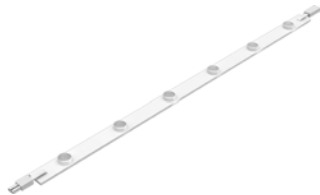
3 LEDs per unit 3.7 W / 24 V, 6500 K, 357 lm, incl. wiring pluggable (plug/bush) back side self-adhesive

L 240 × W 20 × H 9 mm | 0.032 kg



LED module

6 LEDs
708 lm / 7.5 W / 24 V

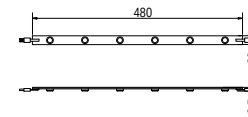


OL 306.90

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 | 0.1 kg



LED module

12 LEDs
1375 lm / 15 W / 24 V

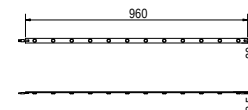


OL 312.90

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

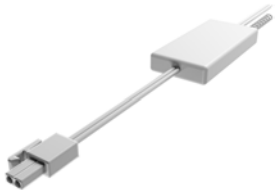


Electrical parts

octalumina 40

Dimmer

Mini
12-24 V

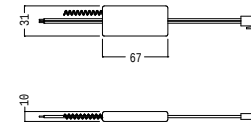


OL 181.90

plastic

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

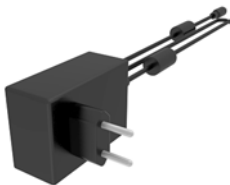
L 67 × W 31 × H 10 mm | 0.144 kg



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

Power supply

36 W
for LEDs

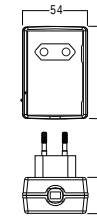


OL 191.90

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

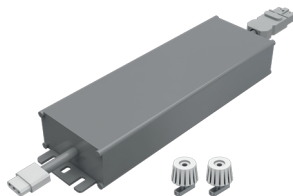
L 79 × W 54 × H 33 mm | 0.209 kg



! 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

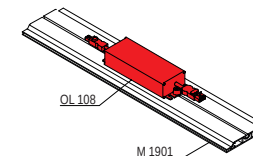
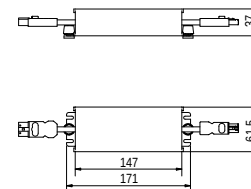


OL 108.90

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



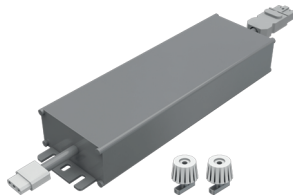
! max. load only up to 48 W recommended for long life soan of the LED power supply unit

Electrical parts

octalumina 40

Power supply

**100 W
for LEDs**

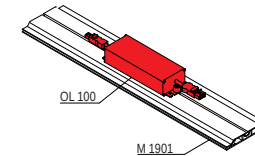
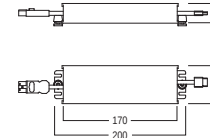


OL 100.90

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

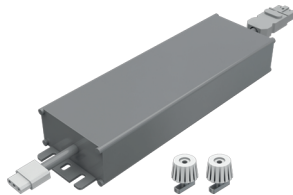
L 200 × W 65 × H 39 mm | 0.921 kg



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

Power supply

**150 W
for LEDs**

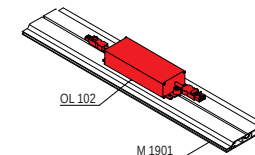
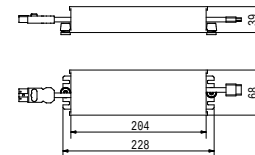


OL 102.90

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

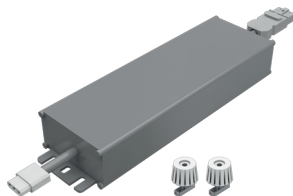
L 228 × W 68 × H 39 mm | 1.174 kg



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

Power supply

**240 W
for LEDs**

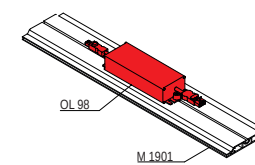
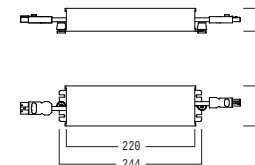


OL 98.90

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 span of the LED power supply unit

Electrical parts

octalumina 40

Power supply

**320 W
for LEDs**

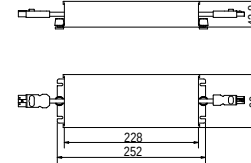


OL 320.90

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

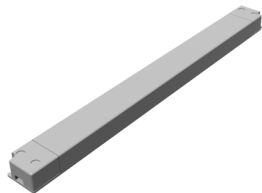
L 252 × W 90 × H 44 mm | 1.78 kg



! 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**

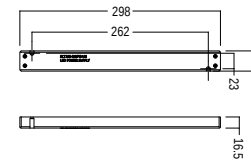


OL 104/1.90

plastic

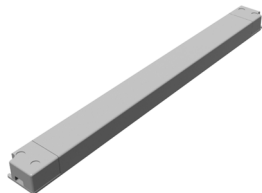
for installation in OCTAlumina 40/80/120 frames, Input: 200-240 V AC, 50/60 Hz, 0.95 A, Output: 24 V DC, 4,17 A, 100 W

L 298 × W 30 × H 16.5 mm | 0.221 kg



Power supply

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

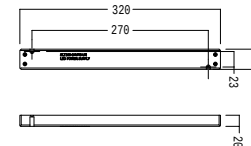


OL 106/1.90

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



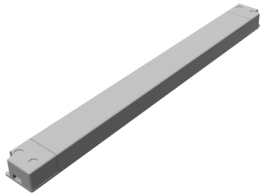
! Only suitable for 230 volts! Not for USA and Canada!

Electrical parts

octalumina 40

Power supply

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

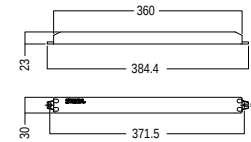


OL 206/1.90

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

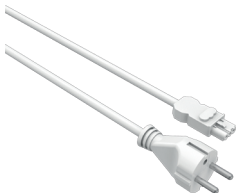
L 360 × W 30 × H 23 mm | 0.431 kg



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

Power cable

**for LED PSU
2000 mm long**

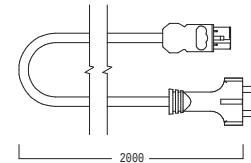


OL 122.90

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 mm²

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**

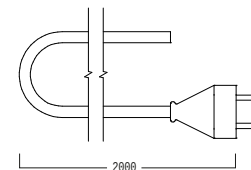


OL 130.30

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 mm²

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

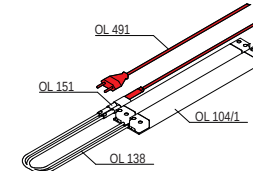
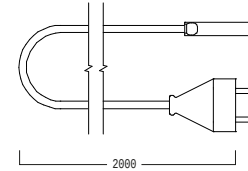


OL 491.90

plastic

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

2000 mm long | 0.08 kg



for LED PSU OL 104/1

Extension cable

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

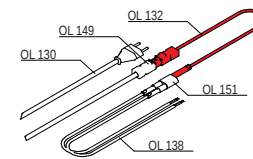
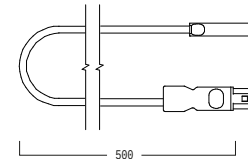


OL 132.90

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

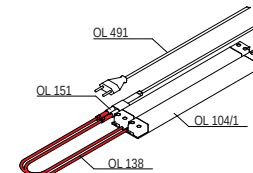
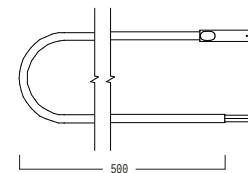


OL 138.90

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

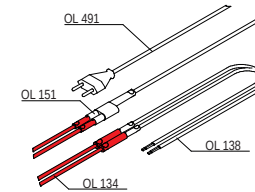
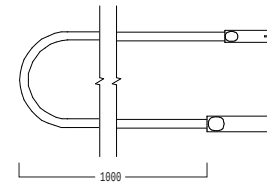
230 V/2,5 A, female connector - plug
1000 mm long



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

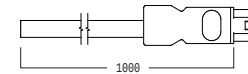


OL 139.30

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

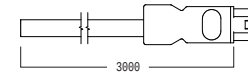


OL 140.30

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



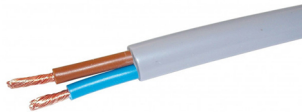
! after cutting the cable
to size the female plug
OL 149 has to be
mounted on the other
side

Electrical parts

octalumina 40

Connecting cable

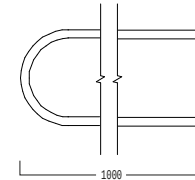
2-wire
1000 mm long



OL 359-1.90

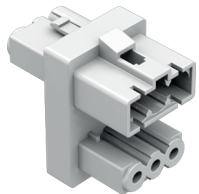
plastic, white

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

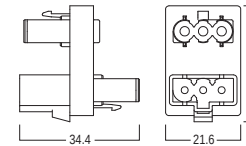


OL 142.90

plastic, white

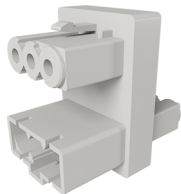
for connecting two power supply units OL 100 and/or OL 102 to the 2 m long power cable OL 122, 1 input / 2 output, 3 poles, 250 V/16 A

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



Distributor block

250 V/16 A
for 3 x PSU

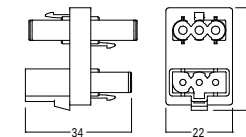


DL 142.90

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

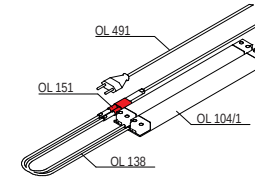
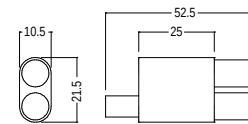


OL 151.90

plastic, white

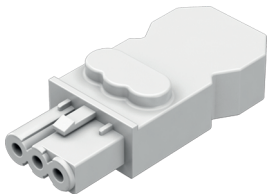
for assembly of 2 × OL 138, 1 input / 2 output, GST08i2, 2-pole, 250 V / 2.5 A

L 52 × W 22 × H 11 mm | 0.006 kg



Female connector

250V / 16A
for DIY assembly

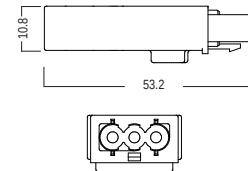


OL 144.30

plastic, white

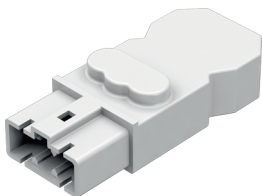
for DIY assembly, 3 pole, with strain relief, use with power cable OL 122, 250V / 16A

L 53 × W 23 × H 14 mm | 0.008 kg



Male plug

250V / 16A
for DIY assembly

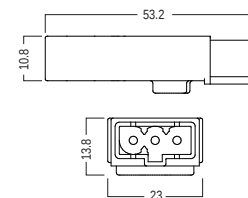


OL 146.30

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

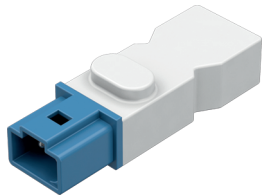


Electrical parts

octalumina 40

Male plug

24V / 16A
for DIY assembly

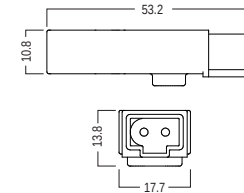


OL 148.90

plastic

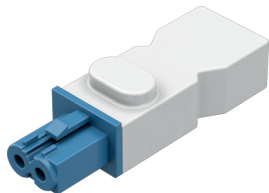
for DIY assembly of 24 V OL 135-1 / OL 137-1 connection cable,
2-pole, with strain relief, 24V / 16A

L 53 × W 18 × H 14 mm | 0.008 kg



Female connector

24V / 16A
for DIY assembly

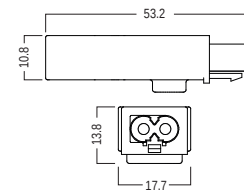


OL 149.90

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

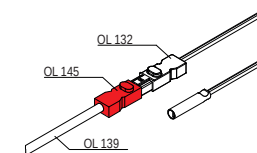
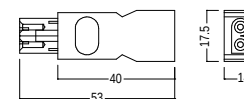


OL 145.90

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

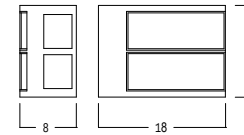
Wago, double
connection module to PSU



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

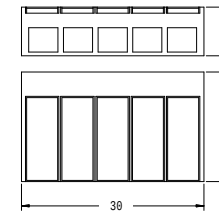
Wago, quintuple
connection module to PSU



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

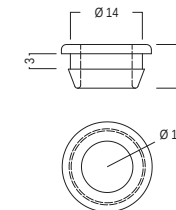
opening 10 mm dia.
L 14 × W 14 × H 9 mm



OL 117.33

rubber

for cable outlet opening Ø 10 mm in rear panel OCTAlumina 40
L 14 × W 14 × H 9 mm |



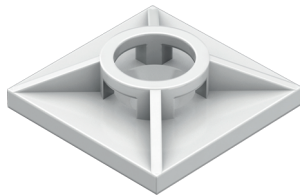
**round drilling
necessary**

Electrical parts

octalumina 40

Adhesive base

100 pcs
for cable ties OL 255

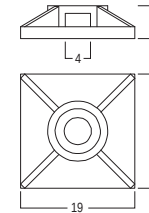


OL 254.90

plastic, white

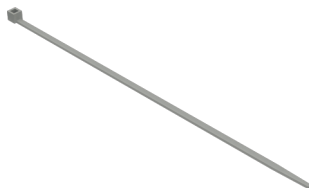
for wire management with wire ties OL 255 (not included), max. width wire ties 4 mm, packaging unit 100 pcs.

L 19 × W 19 × H 5 mm | 0.071 kg



Cable tie

100 pcs
L 155 × W 2.5 mm

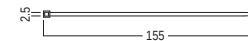


OL 255.90

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

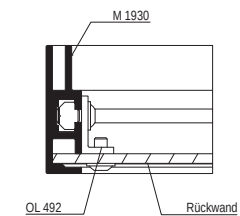
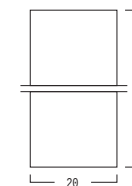


OL 419.90

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 × H 840 × T 40 mm

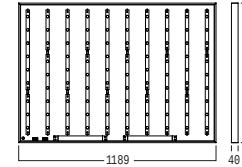


OL 400.01

aluminium

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

W 1189 × H 840 × T 40 mm | 11.729 kg



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

Light frame

wall mounting
W 841 × H 594 × D 40 mm

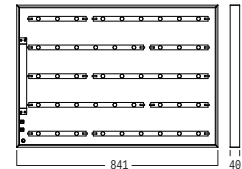


OL 401.01

aluminium

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

W 841 × H 594 × D 40 mm | 6.394 kg



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

Light frame

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

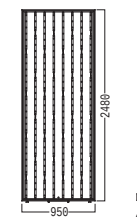


OL 415.01

aluminium

1 × 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 × adjustable foot

W 950 × H 2480 × D 40 mm | 62 kg



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

Products

octalumina 40

Circular lamp

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

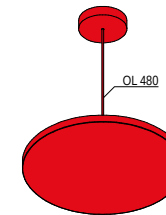
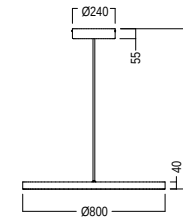


OL 480.90

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

➤ M-OL-0.8

User Manual octalumina Mini Dimmer OL 181

➤ TI-OL-0.9

octalumina electrical connection DALI LED Dimmer OL 183

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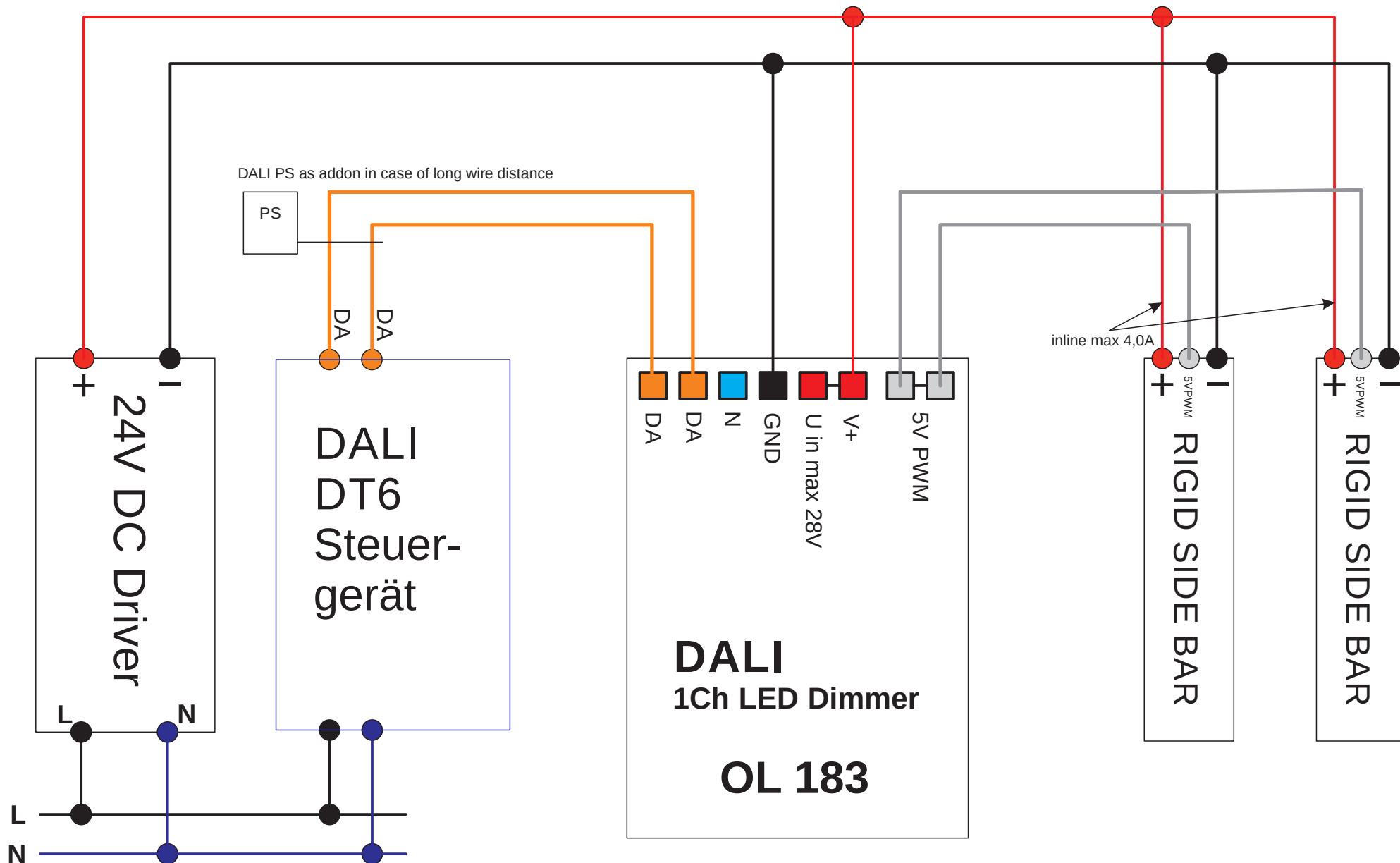
➤ TI-OL-5.0

octalumina 40 LED placement light frame

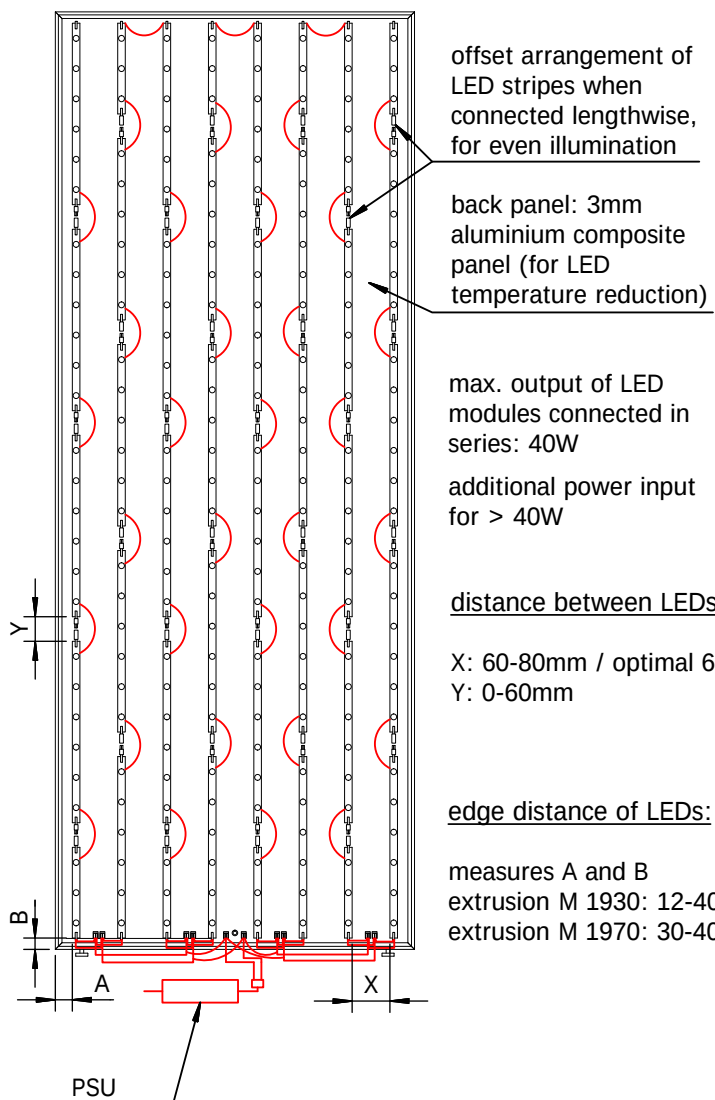
24

➤ TI-OL-5.1

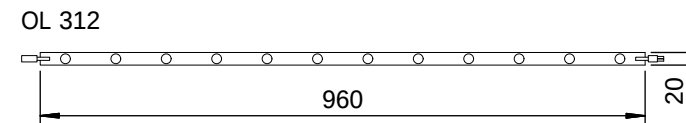
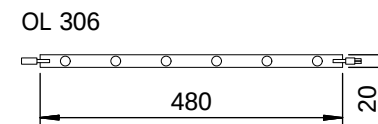
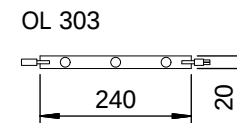
octalumina Mini Dimmer OL 181 User Manual



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



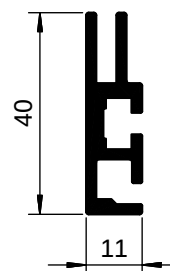
Description LED:

- 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

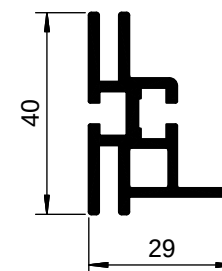
OCTAlumina 40 frame extrusions:

M 1930



size of back panel:
outer size -5mm

M 1970



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

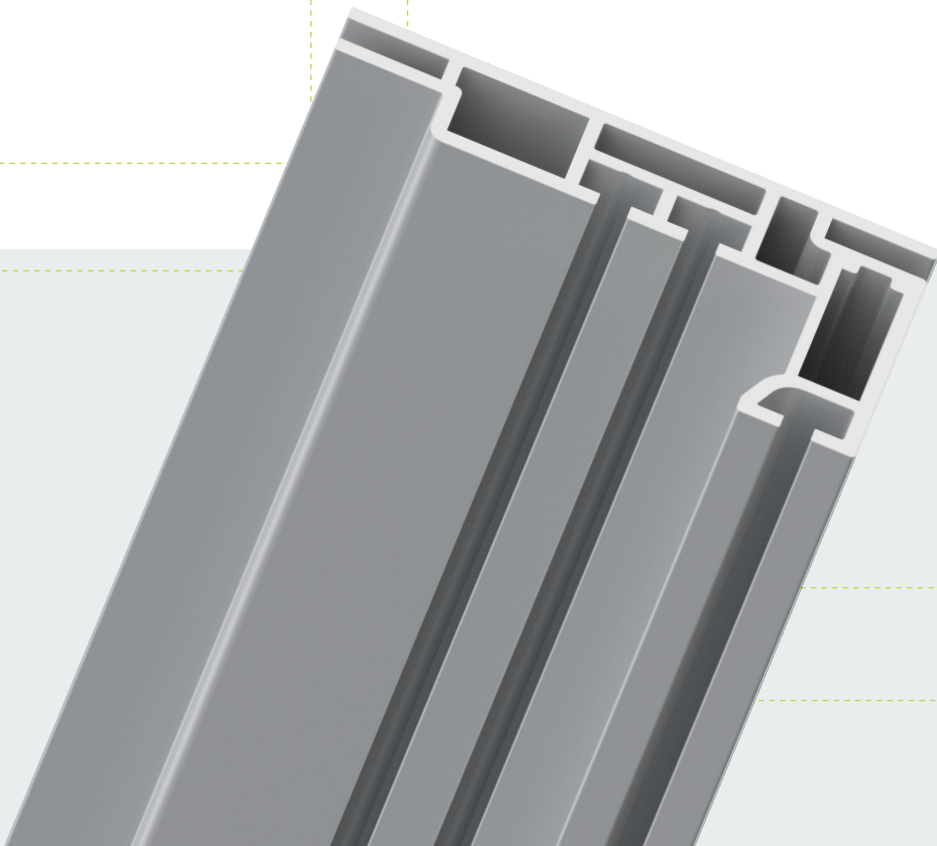


octalumina

80 mm

↗ Technics 11/25

Light frames for fabric



➤ Contents

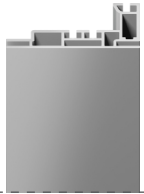
➤ octalumina 80	
➤ Basic parts	27
➤ Accessories	32
➤ Electrical parts	35
➤ Packaging/Transport	46
➤ Products	47
➤ technical information	51

Basic parts

octalumina 80

Tension fabric extr.

without system groove
for single-sided illumination

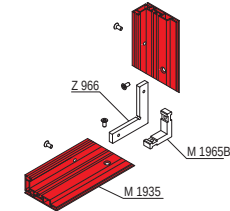
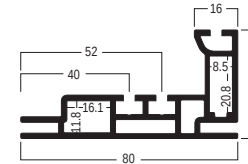


M 1935.01

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

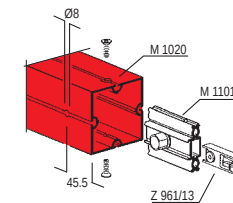
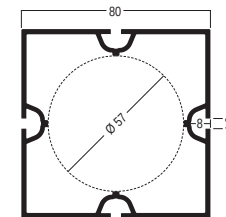


M 1020.01

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

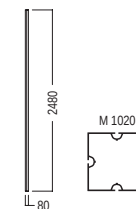


M 1053.01

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



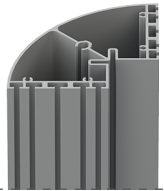
Attention: without adjustable foot W 2850

Basic parts

octalumina 80

Corner upright extrusion

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

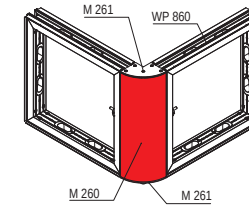
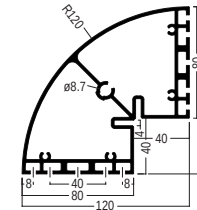


M 260.01

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

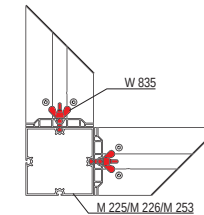
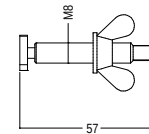


W 835.37

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

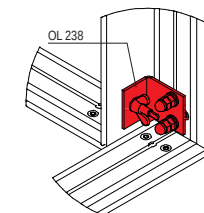
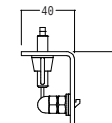
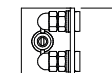


OL 238.37

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

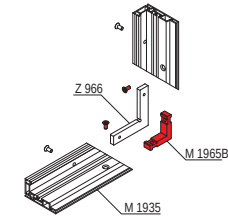
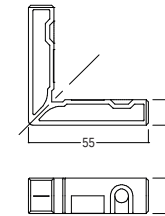


M 1965B.00

zinc die cast

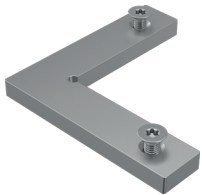
90°, for extrusions with 16 × 12 mm tension lock chamber, with 2 × E 111 countersunk screw and E 111/20

L 55 × W 55 × H 16 mm | 0.051 kg



Corner connector

90°
lock chamber 21 × 12 mm

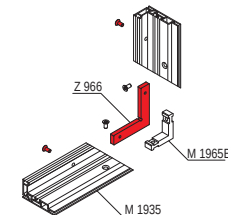
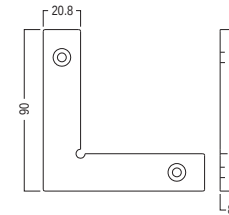


Z 966.00

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

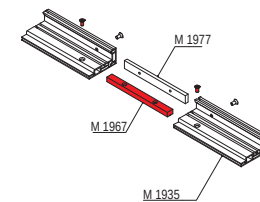
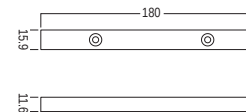


M 1967.00

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

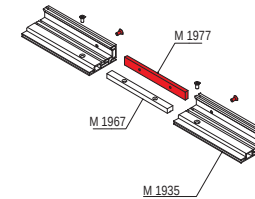
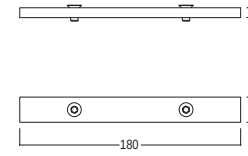


M 1977.00

aluminium

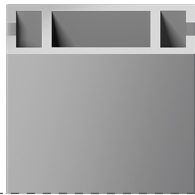
straight, for lateral connection of M 1935 frame profile with 21 × 8.5 mm tension lock chamber, incl. 2 × E 111/m (M6) countersunk screw

L 180 × W 21 × H 8 mm | 0.085 kg



Beam extrusion

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

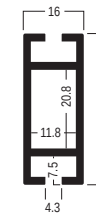


Z 4400.01

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

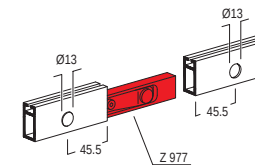
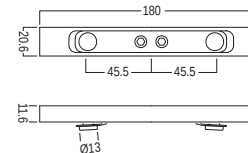


Z 977.90

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

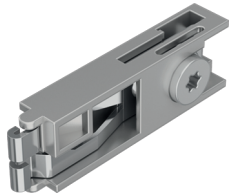


Basic parts

octalumina 80

Tension lock

13 mm
L 70 × W 21 × H 13 mm

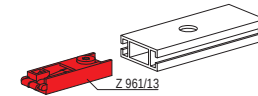
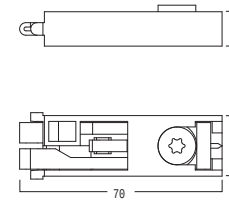


Z 961/13.00

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

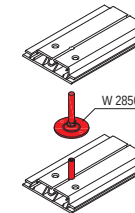
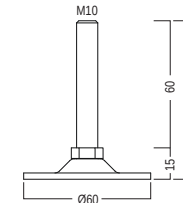


W 2850.37

steel

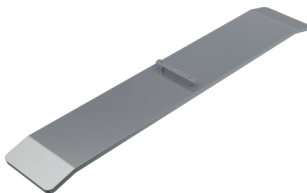
M10 thread, to adjust height of frames/extrusions from the top with hex-star T30

L 60 × W 60 × H 75 mm | 0.113 kg



Base plate

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

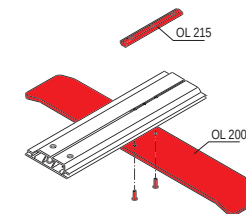
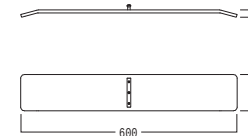


OL 200.21

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

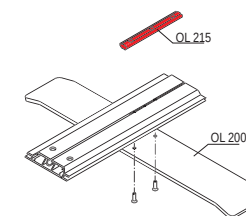
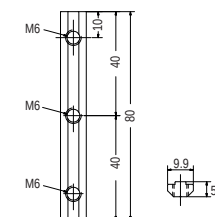


OL 215.00

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

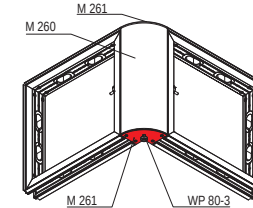
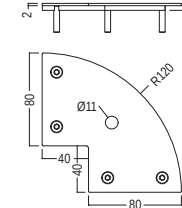


M 261.21

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

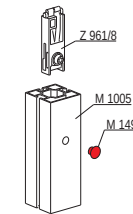


M 1491.35

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

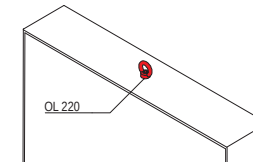
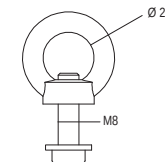


OL 220.37

steel

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

L 36 × W 36 × H 25 mm | 0.063 kg

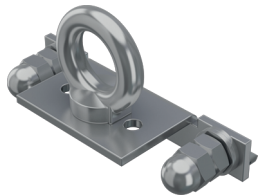


Accessories

octalumina 80

Universal retainer

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

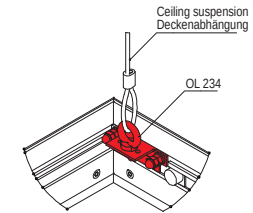
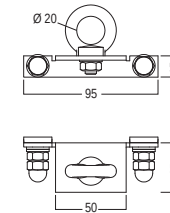


OL 234.37

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



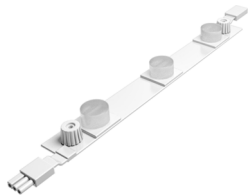
I after removing the eye bolt, can be used for wall mounting

Electrical parts

octalumina 80

LED module

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

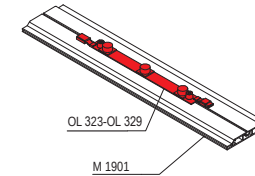
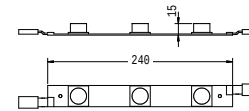


OL 323.90

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

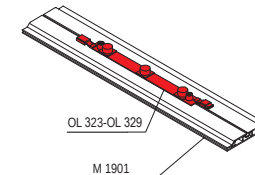
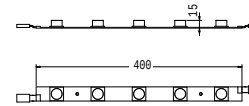


OL 325.90

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

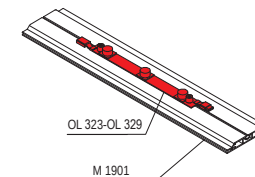
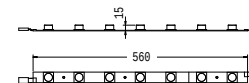


OL 327.90

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

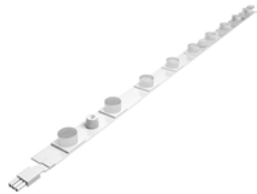


Electrical parts

octalumina 80

LED module

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

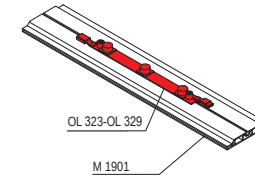


OL 329.90

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

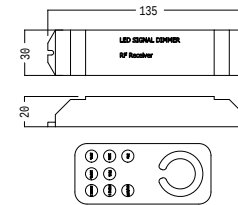


OL 182.90

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

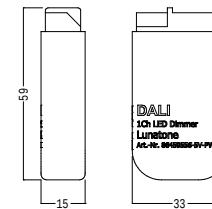


OL 183.90

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



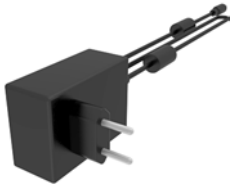
only in combination with OL 323 - OL 329

Electrical parts

octalumina 80

Power supply

**36 W
for LEDs**

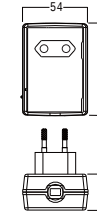


OL 191.90

plastic, black

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

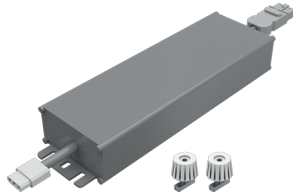
L 79 × W 54 × H 33 mm | 0.209 kg



! 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**

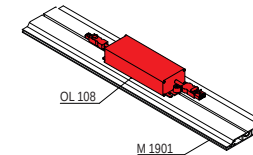
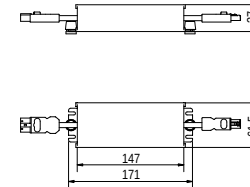


OL 108.90

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

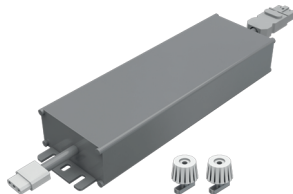
L 171 × W 62 × H 37 mm | 0.722 kg



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

Power supply

**100 W
for LEDs**

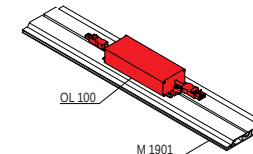
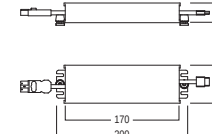


OL 100.90

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



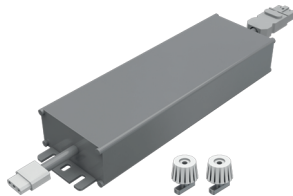
! max. load only up to 80 W recommended for long life soan of the LED power supply unit

Electrical parts

octalumina 80

Power supply

**150 W
for LEDs**

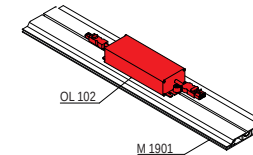
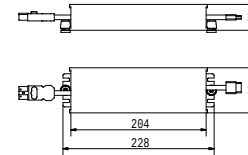


OL 102.90

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

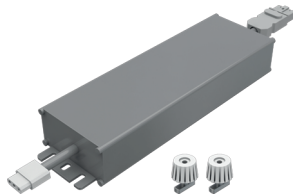
L 228 × W 68 × H 39 mm | 1.174 kg



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

Power supply

**240 W
for LEDs**

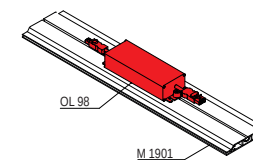
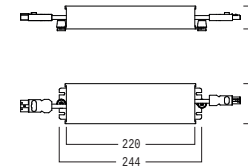


OL 98.90

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

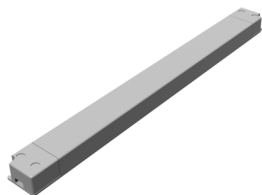
L 244 × W 68 × H 39 mm | 1.219 kg



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**

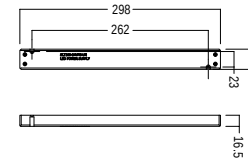


OL 104/1.90

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

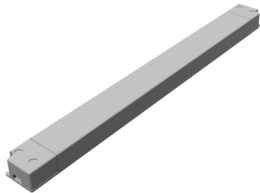


Electrical parts

octalumina 80

Power supply

150 W (Slim Line)
installation in frame

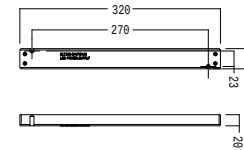


OL 106/1.90

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

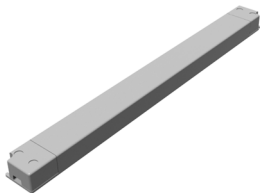
L 320 × W 30 × H 22 mm | 0.243 kg



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

Power supply

200 W (Slim Line)
installation in frame

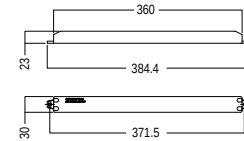


OL 206/1.90

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

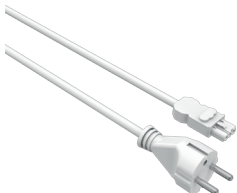
L 360 × W 30 × H 23 mm | 0.431 kg



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

Power cable

for LED PSU
2000 mm long

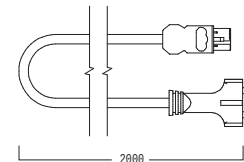


OL 122.90

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 mm²

2000 mm long | 0.277 kg



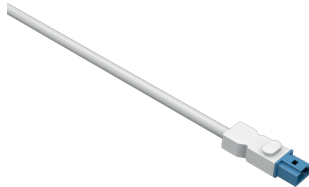
for PSU OL 98 / OL 100 / OL 102 / OL 108

Electrical parts

octalumina 80

Connecting cable

external, 24V
1000 mm long

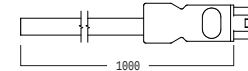


OL 139.30

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

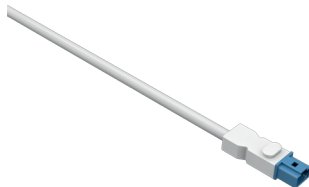
1000 mm long | 0.088 kg



! 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

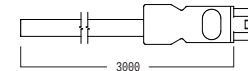


OL 140.30

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

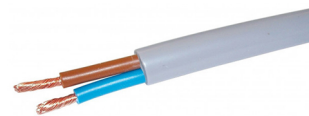
3000 mm long | 0.251 kg



! 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

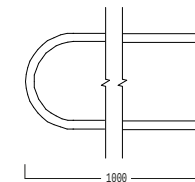


OL 359-1.90

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

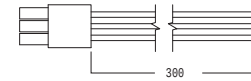


OL 131-1.90

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

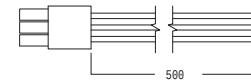


OL 133-1.90

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

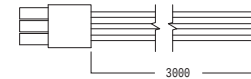


OL 137-1.90

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

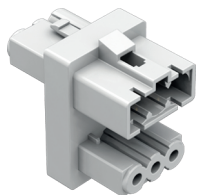
3000 mm long | 0.11 kg



1 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

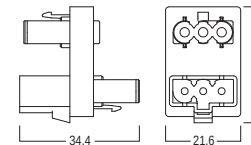


OL 142.90

plastic, white

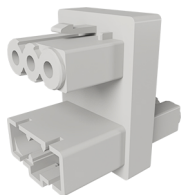
for connecting two power supply units OL 100 and/or OL 102 to the 2 m long power cable OL 122, 1 input / 2 output, 3 poles, 250 V/16 A

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



Distributor block

250 V/16 A
for 3 x PSU

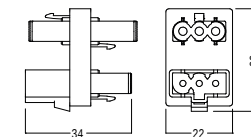


DL 142.90

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

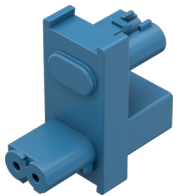


Electrical parts

octalumina 80

Distributor block

24V / 16A
for 2 x LED module

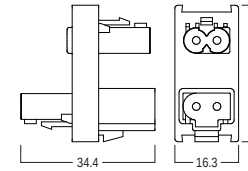


OL 150.30

plastic

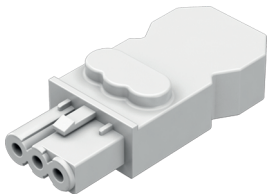
to be used in combination with OL 123 / OL 125 / OL 127 / OL 129, 2 poles, 1 input / 2 output, 24V / 16A

L 35 × W 34 × H 16 mm | 0.006 kg



Female connector

250V / 16A
for DIY assembly

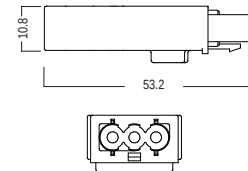


OL 144.30

plastic, white

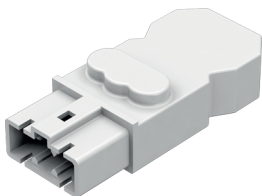
for DIY assembly, 3 pole, with strain relief, use with power cable OL 122, 250V / 16A

L 53 × W 23 × H 14 mm | 0.008 kg



Male plug

250V / 16A
for DIY assembly

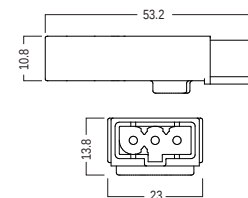


OL 146.30

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

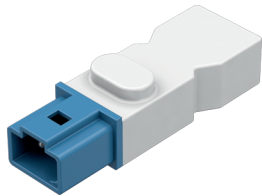


Electrical parts

octalumina 80

Male plug

24V / 16A
for DIY assembly

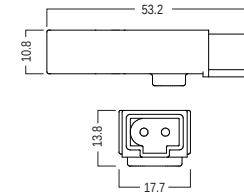


OL 148.90

plastic

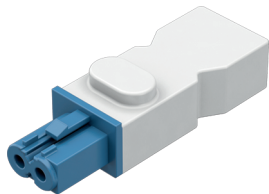
for DIY assembly of 24 V OL 135-1 / OL 137-1 connection cable,
2-pole, with strain relief, 24V / 16A

L 53 × W 18 × H 14 mm | 0.008 kg



Female connector

24V / 16A
for DIY assembly

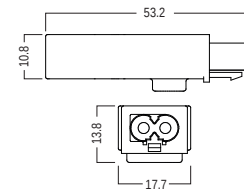


OL 149.90

plastic

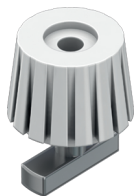
for DIY assembly of OL 98 / OL 100 / OL 102 / OL 104 / OL 106 / OL
108 power supply units, or 24 V OL 139 / OL 140 connection cable,
2-pole, with strain relief, 24V / 16A

L 53 × W 18 × H 14 mm | 0.008 kg



Fixing set

for LEDs / PSU
L 14 × W 14 × H 12 mm

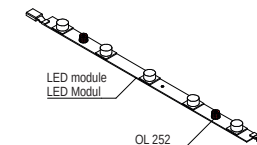
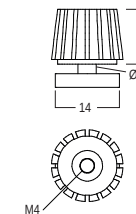


OL 252.90

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

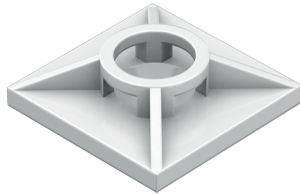


Electrical parts

octalumina 80

Adhesive base

100 pcs
for cable ties OL 255

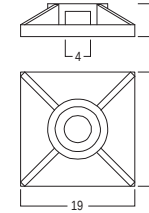


OL 254.90

plastic, white

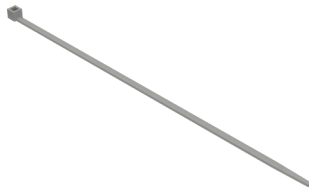
for wire management with wire ties OL 255 (not included), max. width wire ties 4 mm, packaging unit 100 pcs.

L 19 × W 19 × H 5 mm | 0.071 kg



Cable tie

100 pcs
L 155 × W 2.5 mm

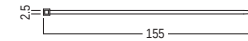


OL 255.90

plastic, white

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

L 155 × W 2.5 mm | 0.051 kg

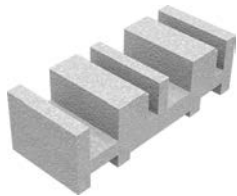


▴ Packaging/Transport

octalumina 80

Foam inlay

for M 1935
L 250 × W 75 × H 105 mm

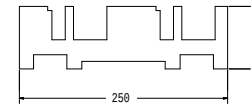


OL 996.90

foam

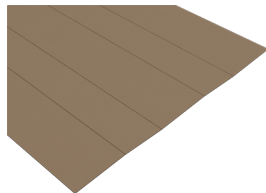
for safe transportation of M 1935 frame profiles with mounted LED modules

L 250 × W 75 × H 105 mm | 0.043 kg



Cardboard

for M 1935
L 1134 × W 1075 × H 6.5 mm

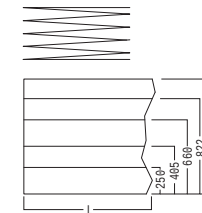


OL 997.90

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

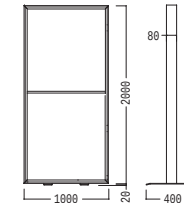


OL 820T.01

aluminium

1 × freestanding frame for double sided back-lit graphic, for toolless assembly, vertically 1× 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 × swiveling base plate, incl. padded transport bag with castors, frames are delivered disassembled, without fabric/graphic

W 1000 × H 2000 × D 80 mm | 10.7 kg



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

Light frame

with base plates
W 1000 × H 2000 × D 80 mm

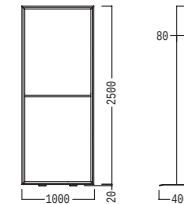


OL 825T.01

aluminium

1 × freestanding frame for double sided back-lit graphic, for toolless assembly, vertically 2 × 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 × swiveling base plate and 2 × adaptor for extension to H 2500 mm, incl. padded transport bag with castors, frames are delivered disassembled, without fabric/graphic

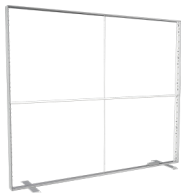
W 1000 × H 2000 × D 80 mm | 11.7 kg



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

Light frame

with base plates
80 mm, custom size

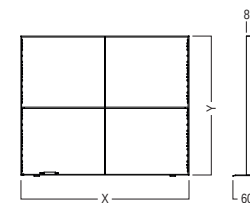


OL 890 E.01

aluminium

1 × 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)

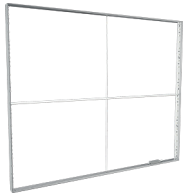
i custom size: please
advise dimensions
when placing the order

Products

octalumina 80

Light frame

without base plates
80 mm, custom size

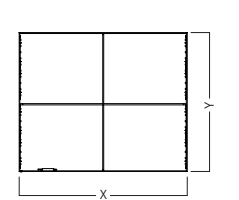


OL 891 E.01

aluminium

1 × 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

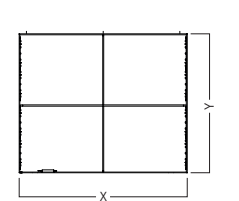


OL 892 E.01

aluminium

1 × 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 |

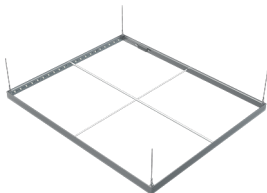


i without
fabric/graphics (fabric
dimensions = outer
frame dimensions)

i custom size: please
advise dimensions
when placing the order

Light frame

horizontally suspended
80 mm, custom size

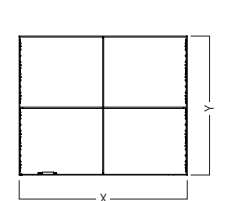


OL 893 E.01

aluminium

1 × 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

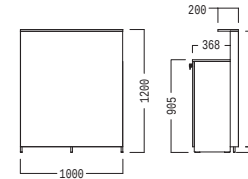


OL C500.90

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

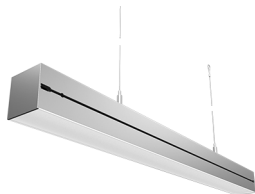


**without
fabric/graphics**

**fabric dimensions =
outer frame
dimensions**

Pendant light

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

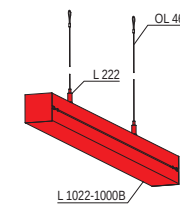
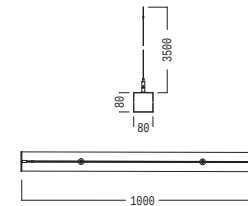


OL 3100.01 | .03

aluminium

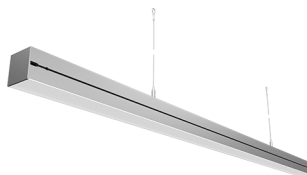
Set consisting of: 1 x upright L 1022-1000B, 1 x power cable L 204, 1 x RGB remote control L 185-2, 2 x steel rope 1,5 x 3.500 mm OL 466, 2 x wire rope retainer set L 222

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

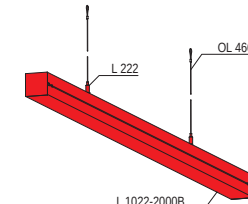
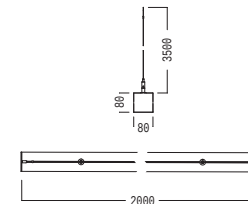


OL 3200.01 | .03

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

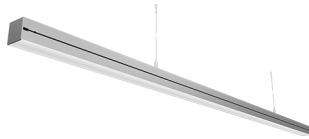


Products

octalumina 80

Pendant light

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

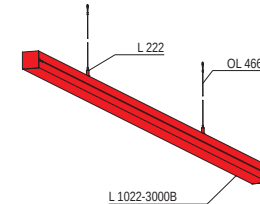
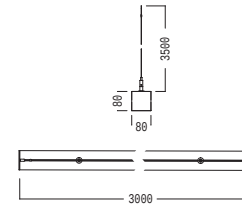


OL 3300.01 | .03

aluminium

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

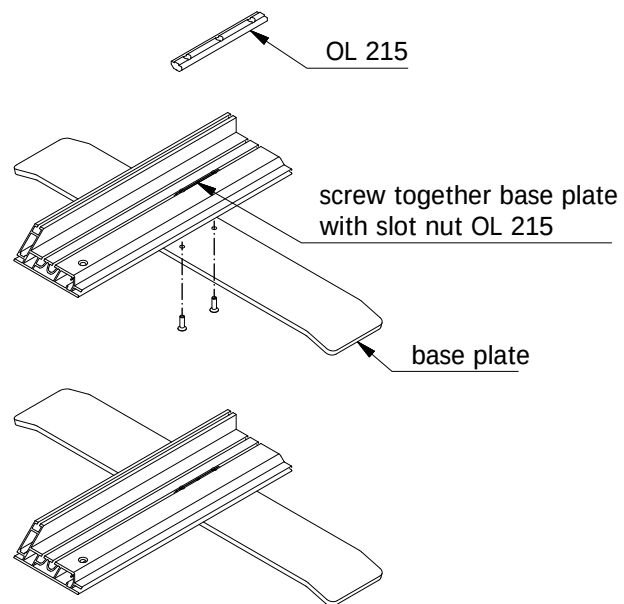
L 3000 × W 80 × H 80 mm | 9.882 kg



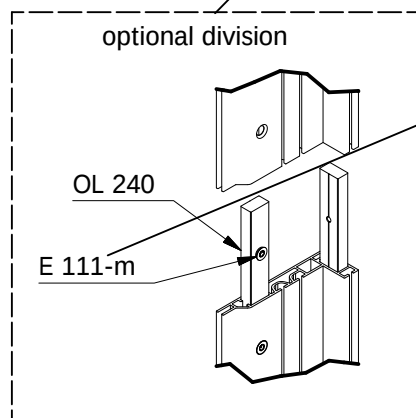
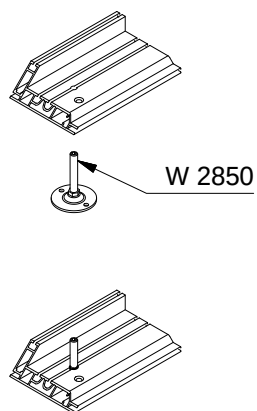
➤ technical information

➤ M-OL-0.7	
User Manual Dimmer OL 182	
➤ M-OL-1.1	52
octalumina 80 and 120 single-sided assembly instruction	
➤ M-OL-2.3	54
Assembly instruction OL C500	
➤ TI-OL C800-1	55
octalumina fabric counter OL C800 fabric dimensions	
➤ TI-OL-0.9	56
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➤ TI-OL-1.2.0	57
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➤ TI-OL-1.2.1	58
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➤ TI-OL-1.4	60
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➤ TI-OL-5.2	
octalumina Dimmer OL 182 User Manual	

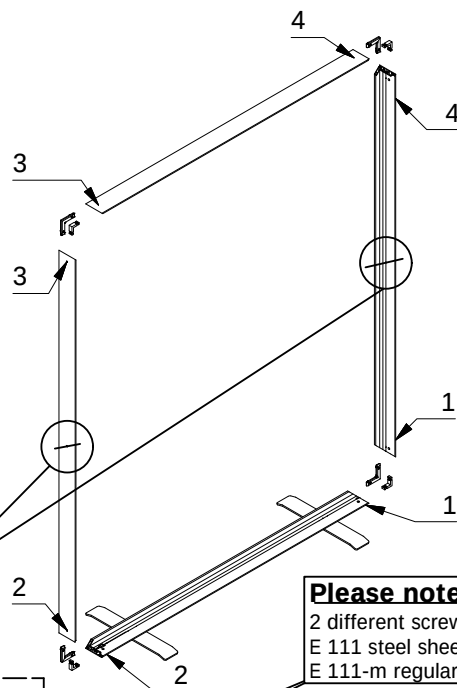
1. Mounting base plate OL 200



1a. Alternative: Mounting adjustable foot W 2850



2. Mounting frame parts

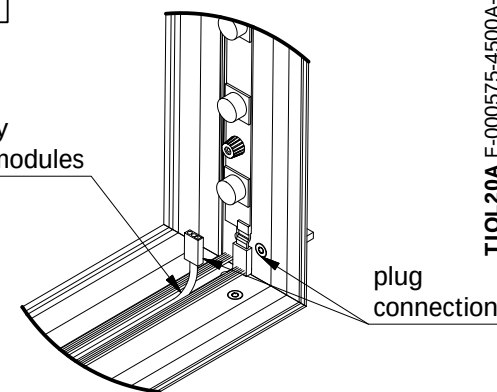
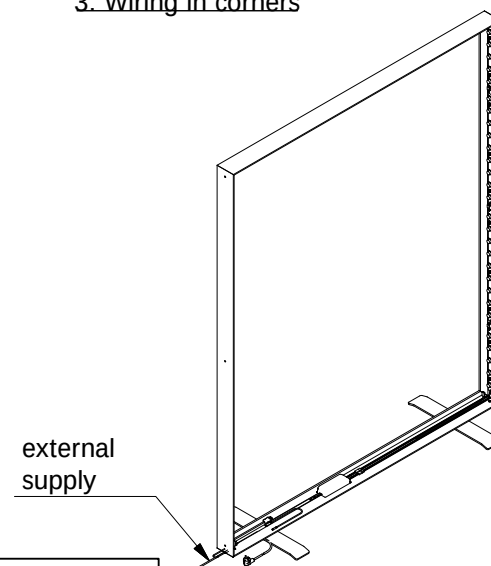


Please note!

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

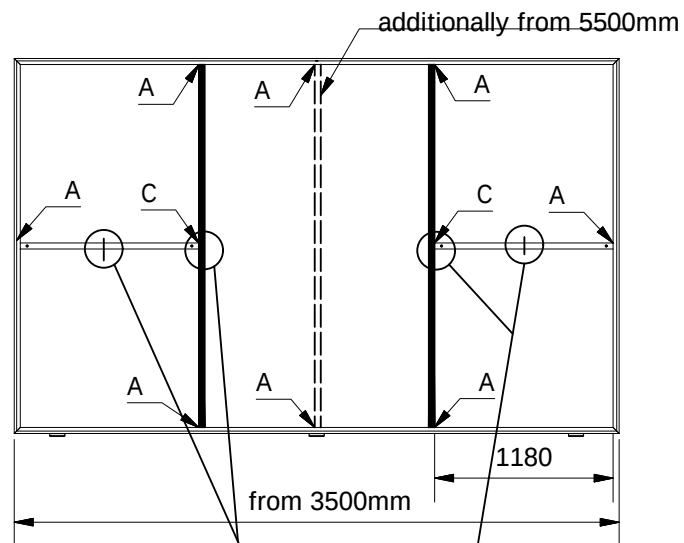
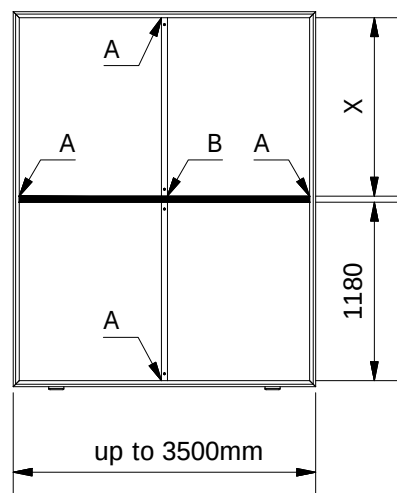
During assembly,
make sure that all
frame parts match
(markings)

3. Wiring in corners

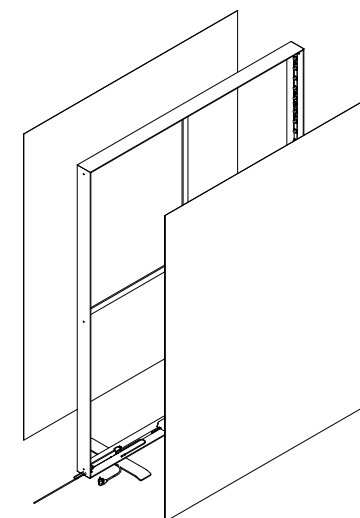


Run function test of LEDs!

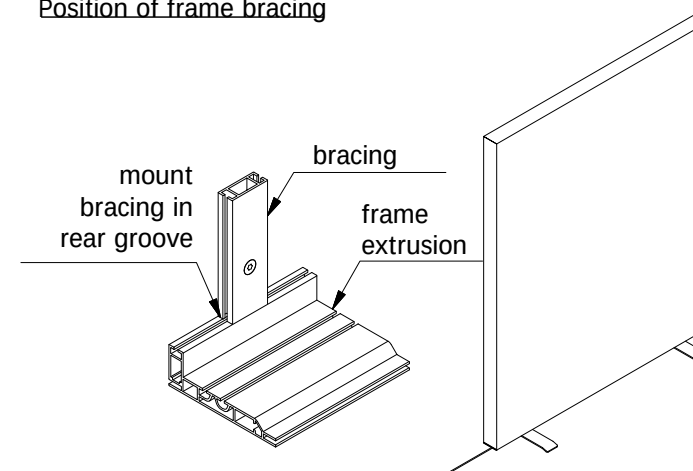
4. Mounting bracing



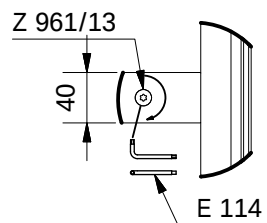
5. Mounting fabric infill



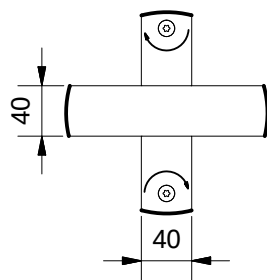
Position of frame bracing



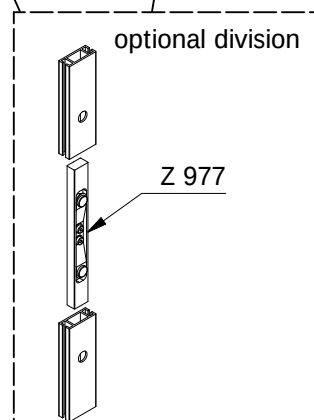
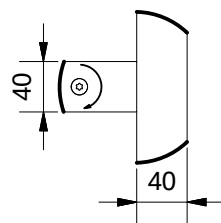
Detail A

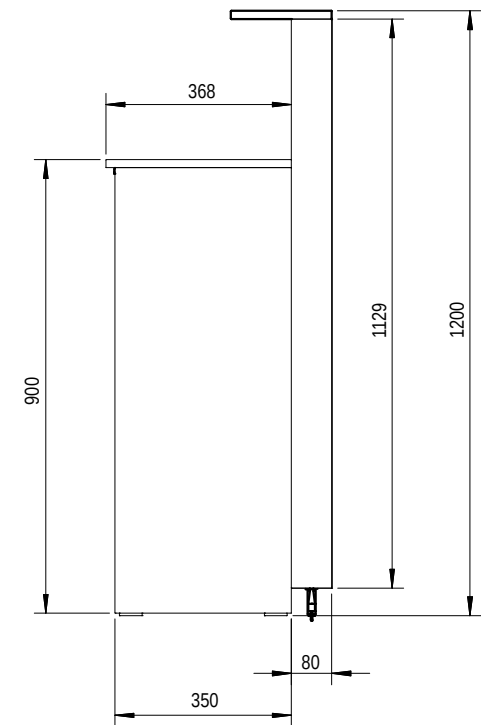
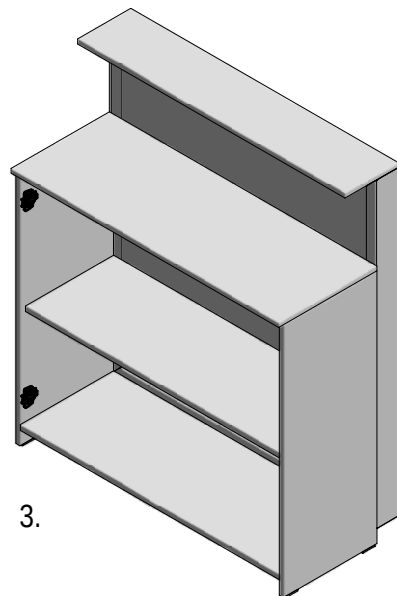
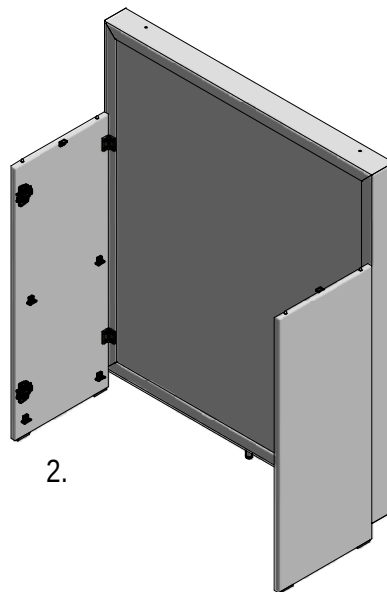
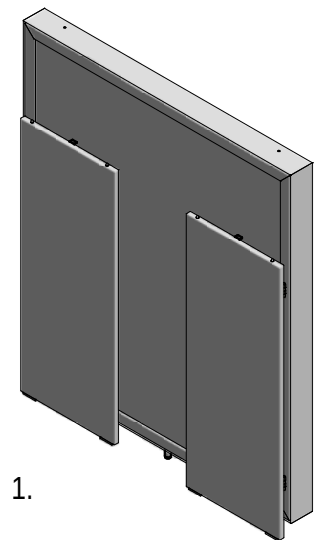


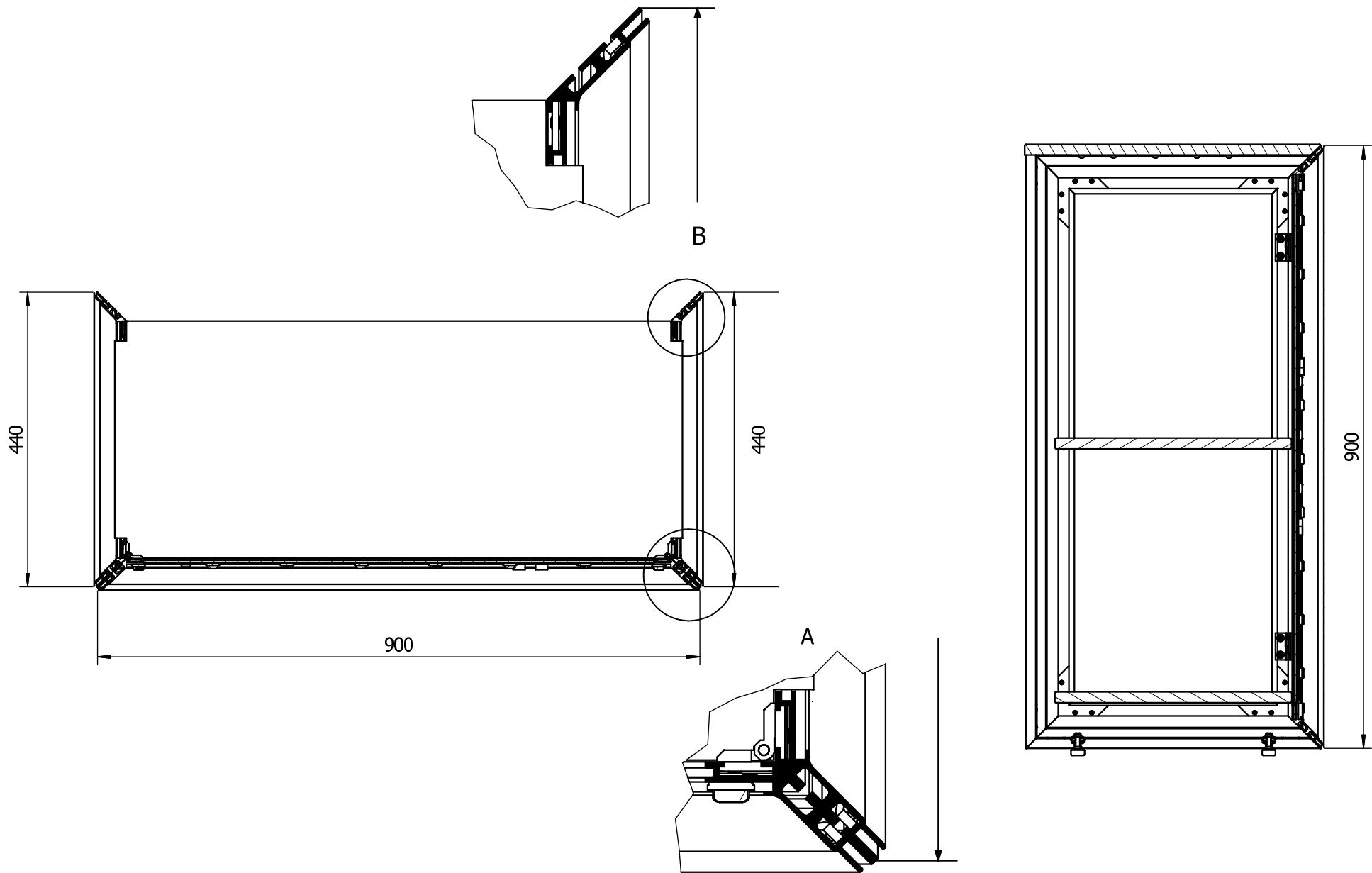
Detail B

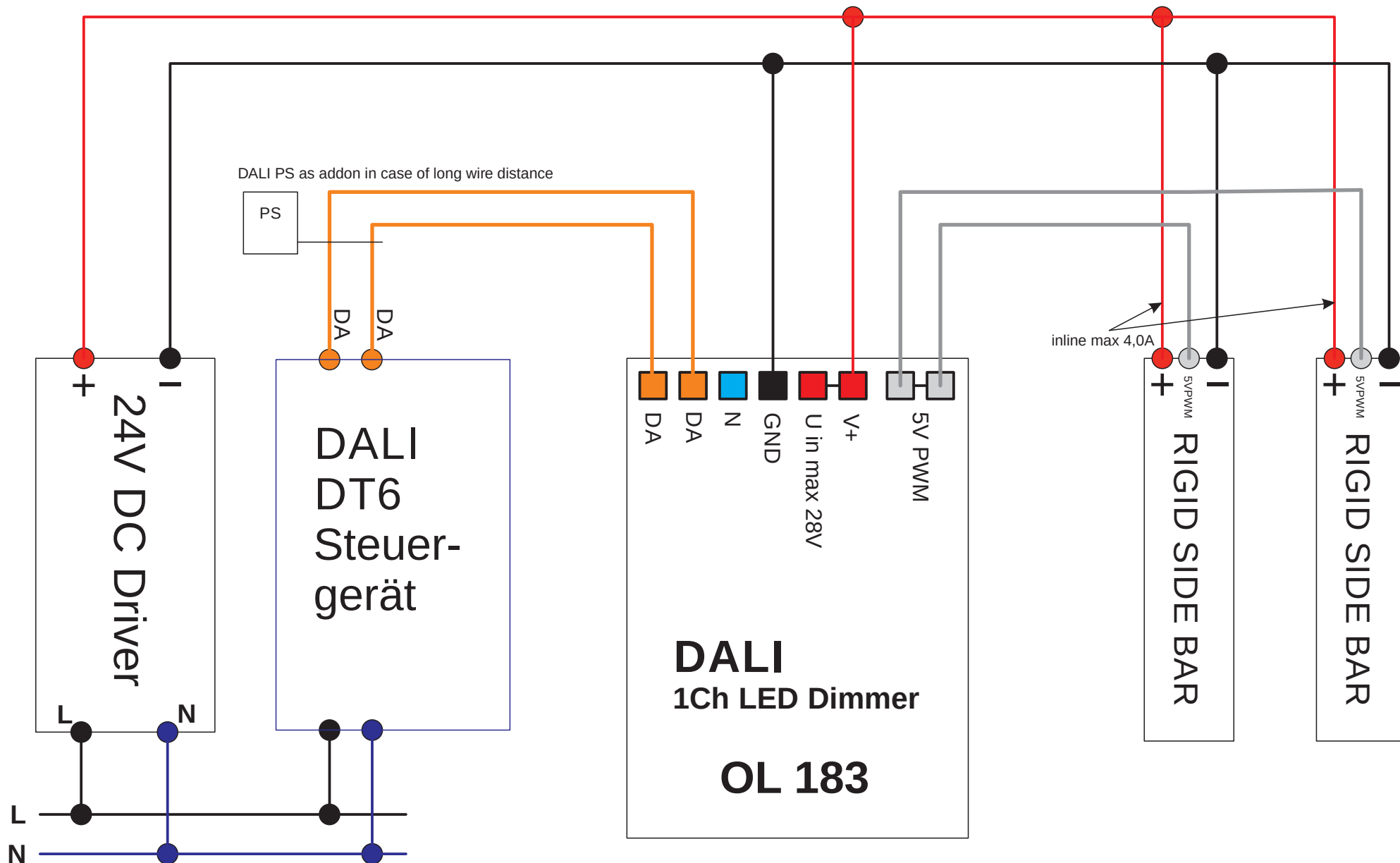


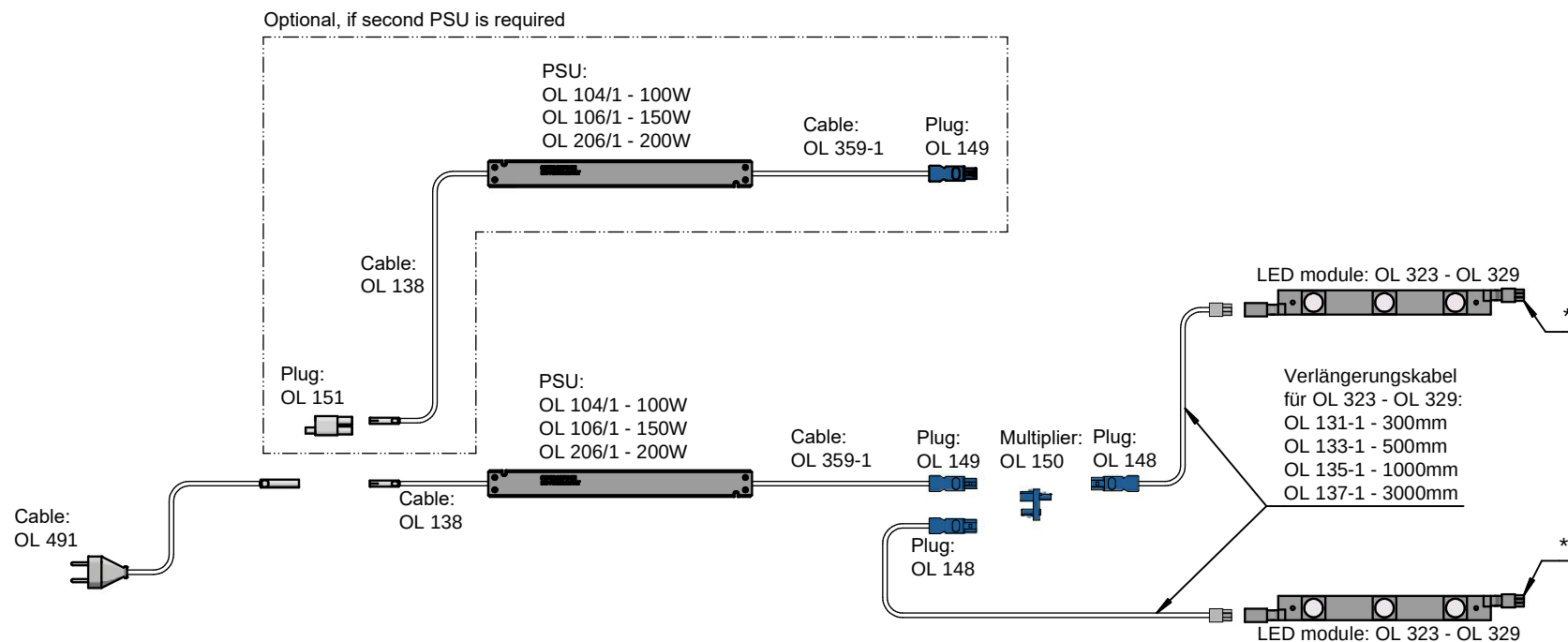
Detail C











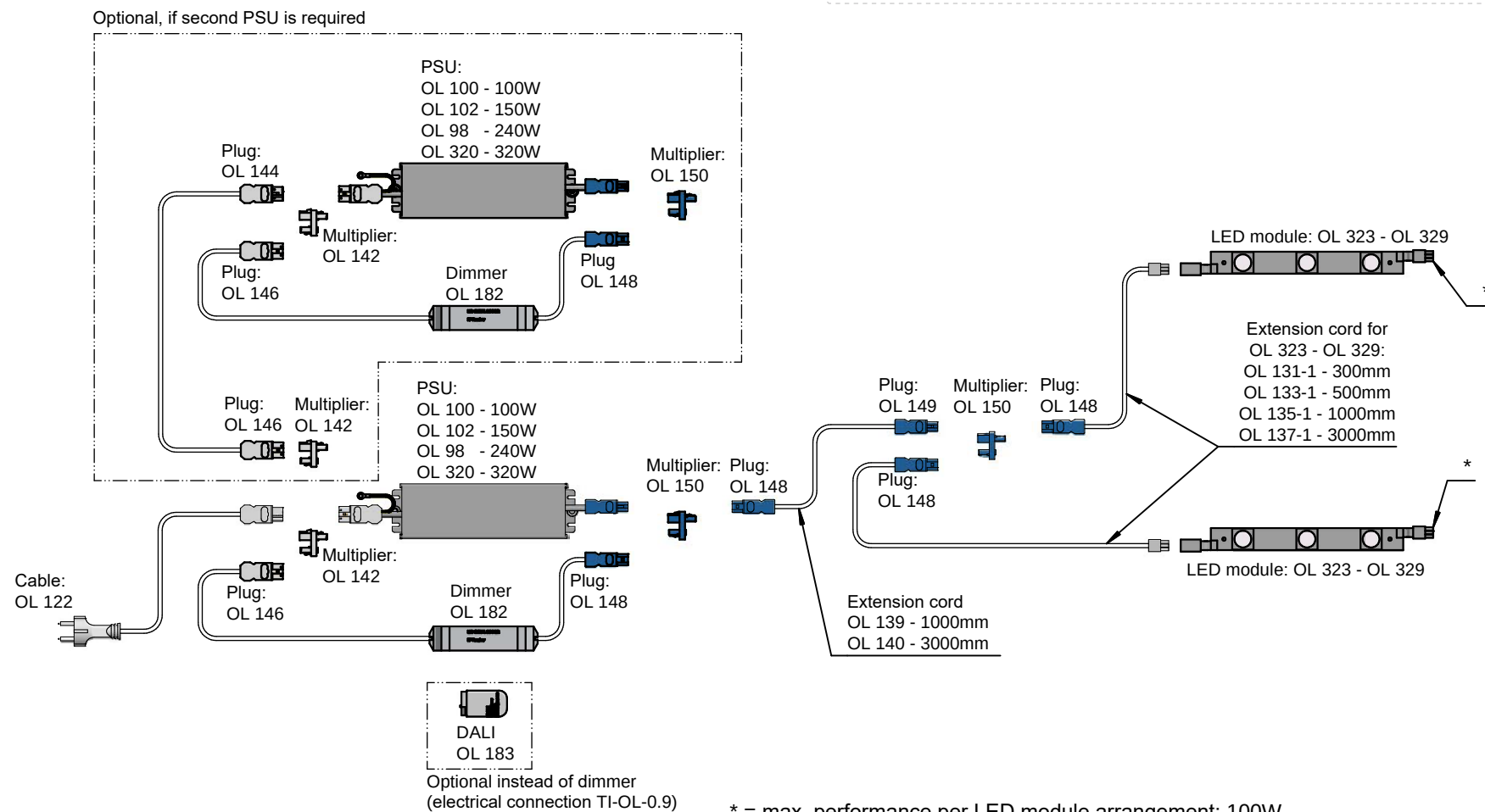
* = max. performance per LED module arrangement: 100W

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



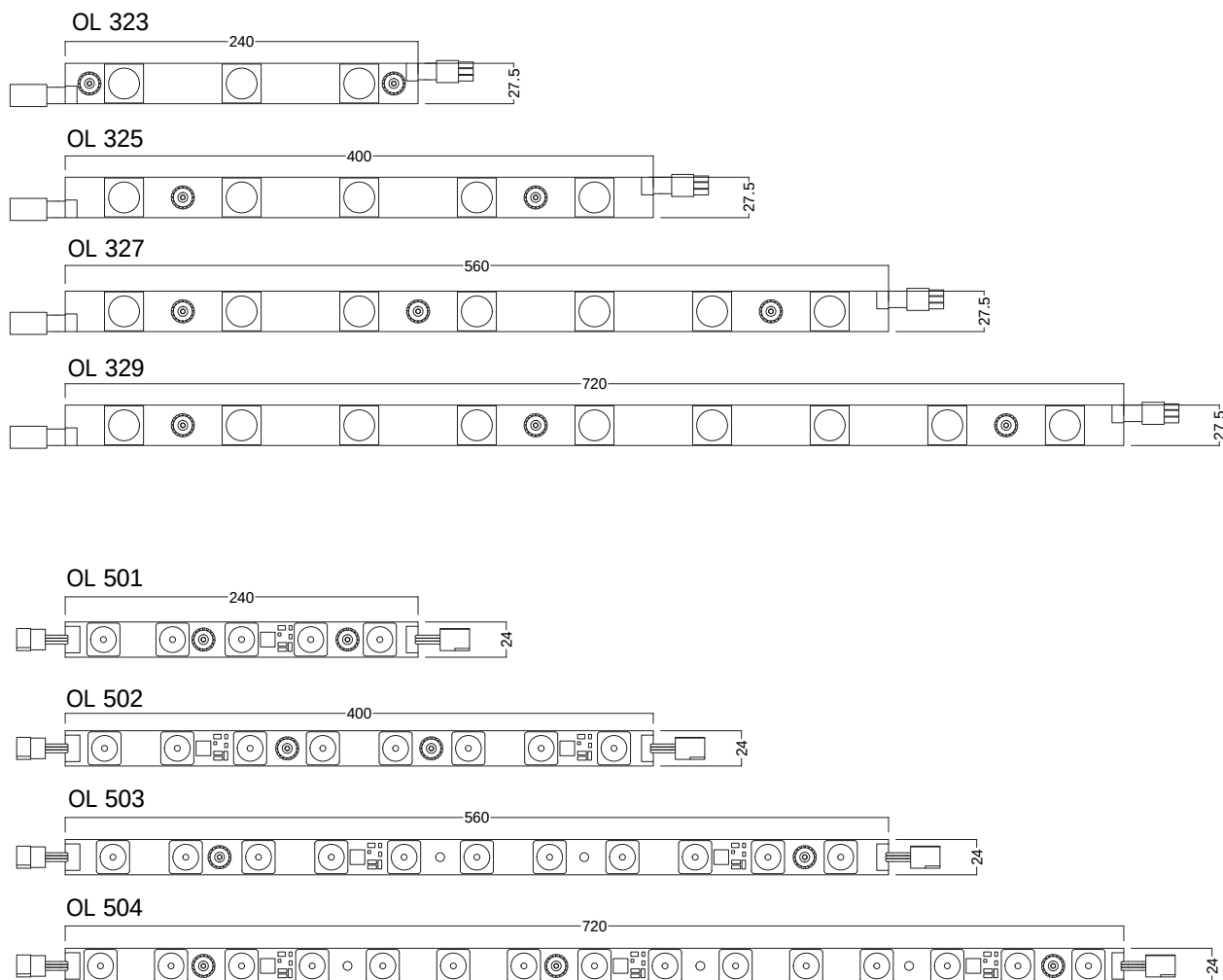
For longer life expectancy,
we recommend to only use
80% of the PSU's
maximum capacity.

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

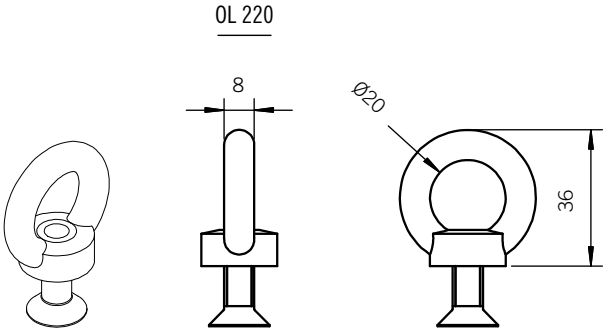
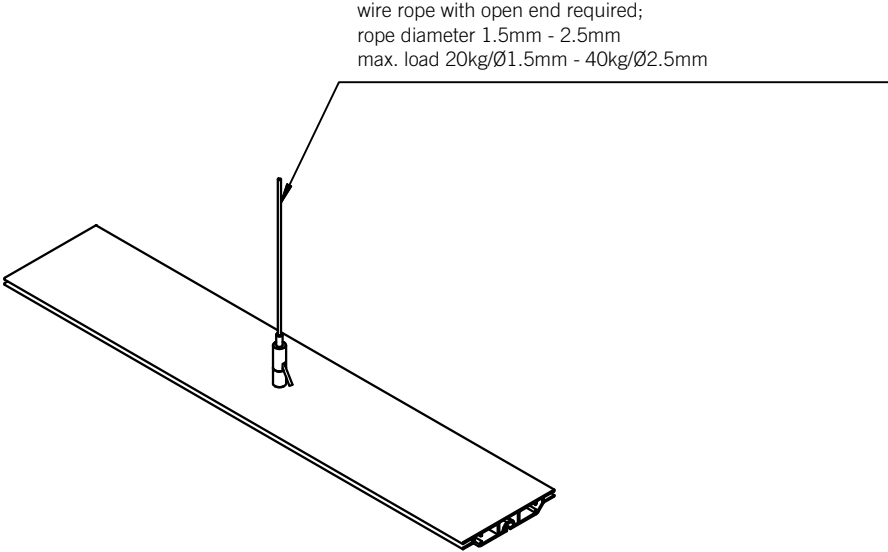
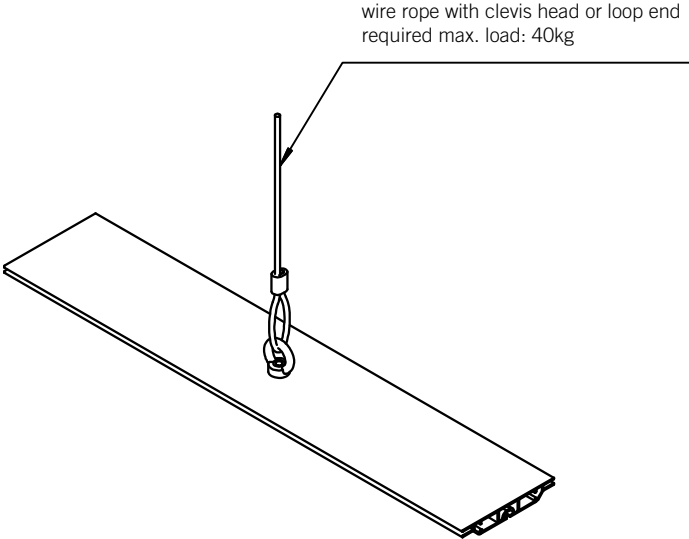
- OL 323 = 6,5 W / 750 LM
- OL 325 = 10,8 W / 1250 LM
- OL 327 = 15,12 W / 1750 LM
- OL 329 = 19,52 W / 2250 LM

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

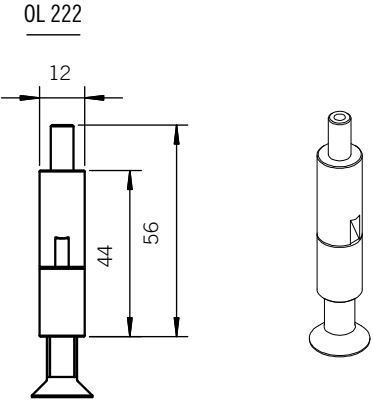
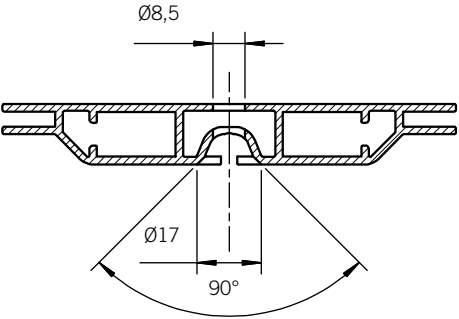
- OL 501 = 15,95 W / 1554 LM
- OL 502 = 26,40 W / 2552 LM
- OL 503 = 35,80 W / 3540 LM
- OL 504 = 48,60 W / 4604 LM

- 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

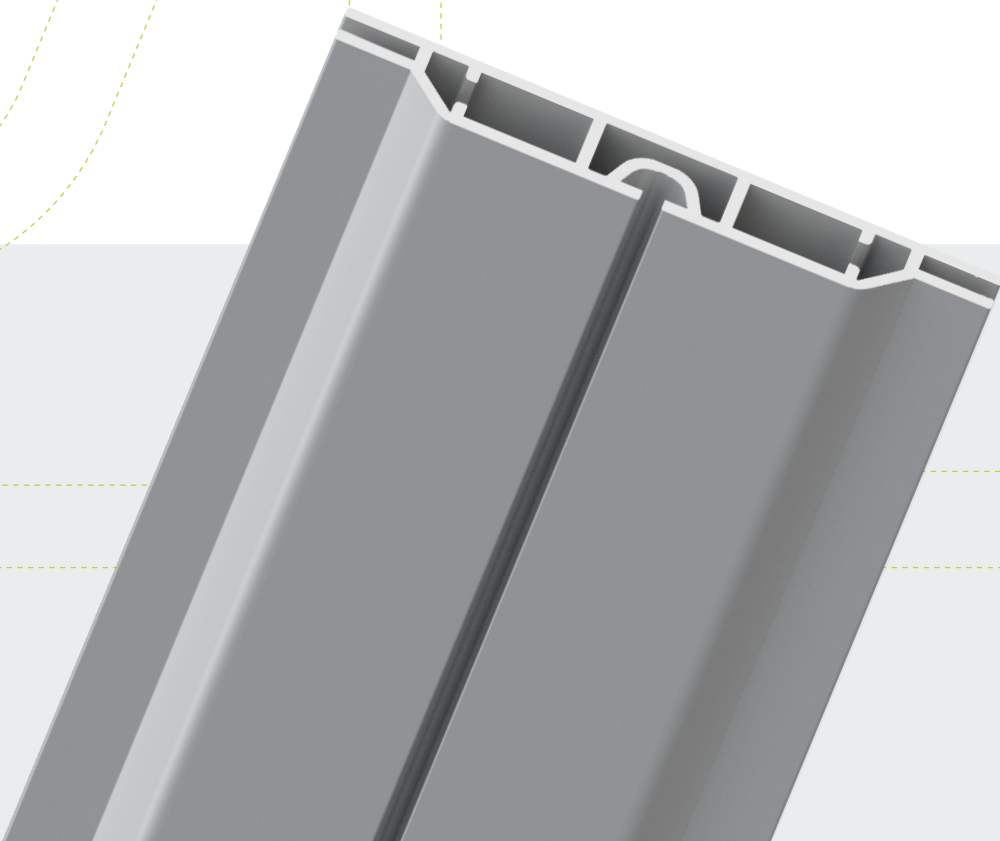


octalumina

120 mm

Technics 11/25

Light frames for fabric



➤ Contents

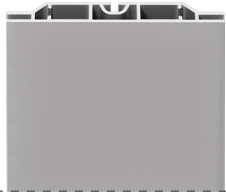
➤ octalumina 120	
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➤ Accessories	72
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➤ Packaging/Transport	89
➤ Products	91
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Basic parts

octalumina 120

Tension fabric extr.

w/o system groove
for double-sided illumination

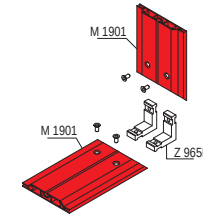
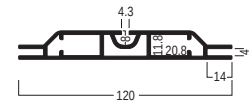


M 1901.01

aluminium

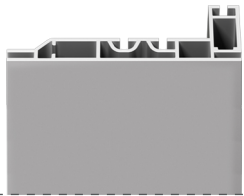
for double-sided illumination, without system groove, graphics with silicone edge M 1313

L 6000 × W 120 × H 16 mm | 9.77 kg



Tension fabric extr.

w/o system groove
for single-sided illumination

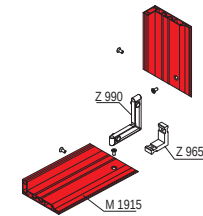
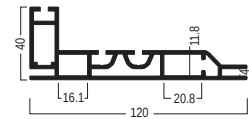


M 1915.01

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

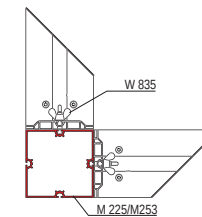
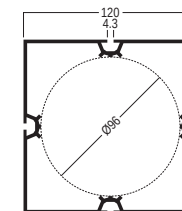


M 225.01

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 × W 120 × H 120 mm
6000 mm long

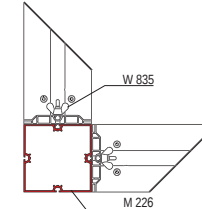
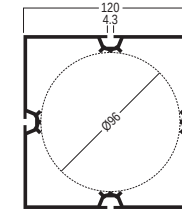


M 226.01

aluminium

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

L 6000 × W 120 × H 120 mm | 22.708 kg



Corner upright

90°
without W 2850

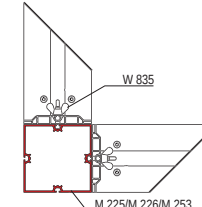
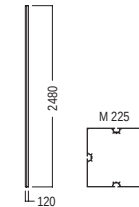


M 253.01

aluminium

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

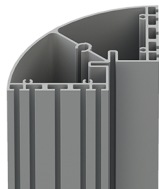
L 120 × W 120 × H 2480 mm | 9.568 kg



Attention: without adjustable foot W 2850

Corner upright extrusion

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

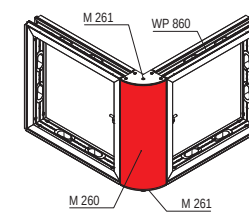
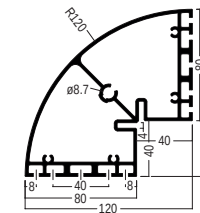


M 260.01

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



Basic parts

octalumina 120

Fixing set

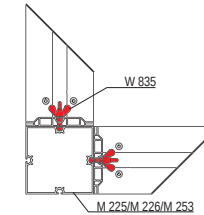
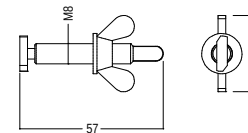
for OCTAlumina frames
L 57 × W 30 × H 30 mm



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

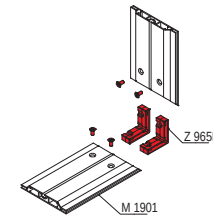
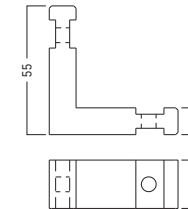
90°
lock chamber 21 × 12 mm



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



steep thread

Corner connector

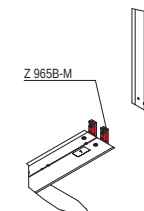
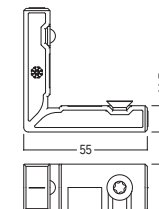
90°, toolless
lock chamber 21 × 12 mm



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

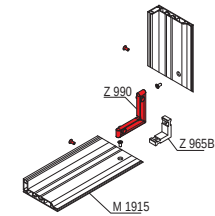
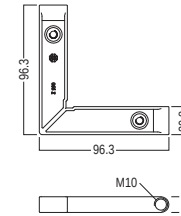


Z 990.00

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

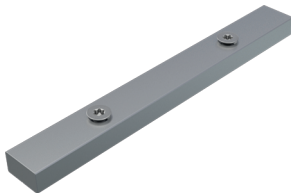
L 96 × W 96 × H 12 mm | 0.14 kg



Internal connector

straight

lock chamber 21 × 12 mm

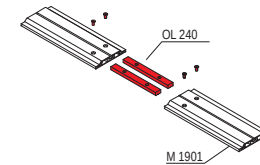
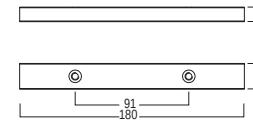


OL 240.00

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

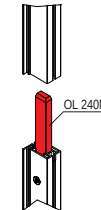
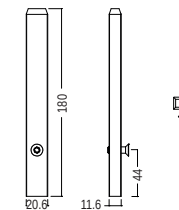


OL 240M.00

aluminium

for pluggable and dismountable 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

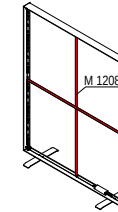
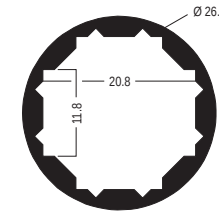
for bracing
L 5000 × W 26.3 × H 26.3 mm



M 1208.85

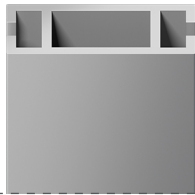
aluminium

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

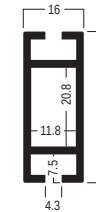
2 system grooves
L 5000 × W 40 × H 16 mm



Z 4400.01

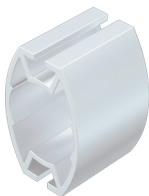
aluminium

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

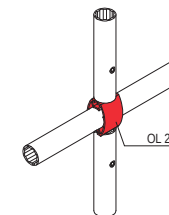
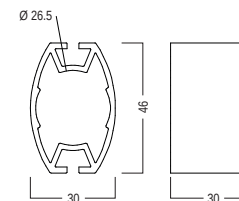
for bracing M 1208
L 30 × W 46 × H 30 mm



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

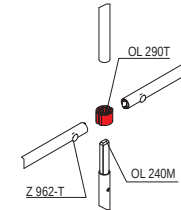
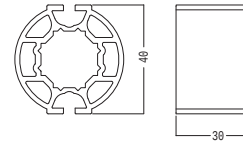


OL 290T.85

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

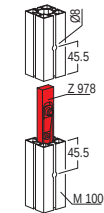
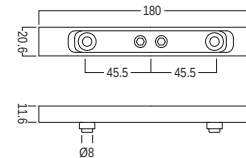


Z 978.90

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

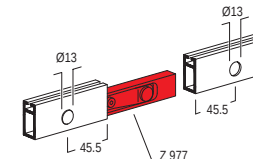
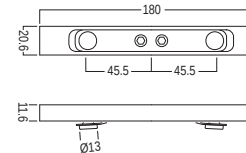


Z 977.90

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

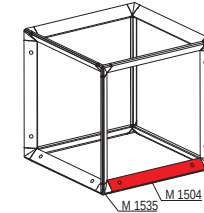
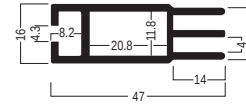


M 1504.01

aluminium

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

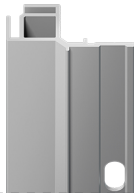
L 6000 × W 47 × H 16 mm | 4.57 kg



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

Tension fabric extr.

90° internal corner
for single sided fabric

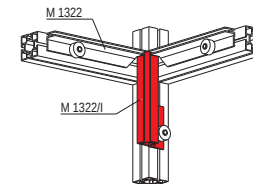
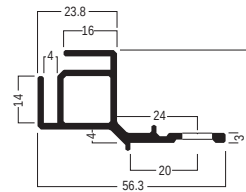


M 1322/I.01

aluminium

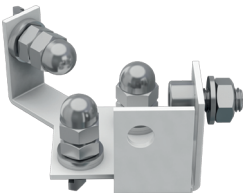
90° internal corner, for single sided fabric (with silicone edge
M 1313), with 11 × hole 8.9 × 18 mm, for mounting in system groove:
for 40 mm square extrusions use fixing set M 1348, for 80 mm and
120 mm square extrusions use fixing clip M 1339

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



Retainer

for corner solution
top/bottom

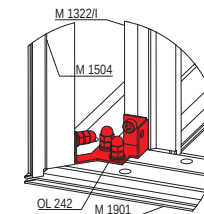
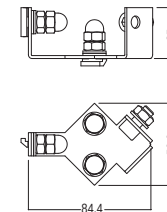


OL 242.85

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

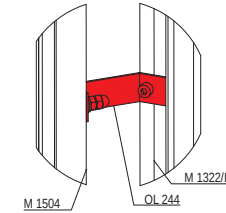
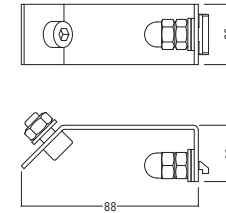


OL 244.85

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

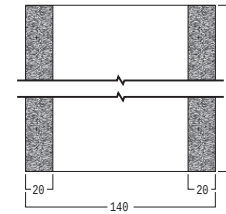


OL 270.30

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

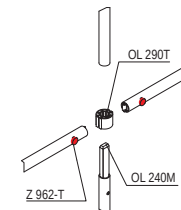
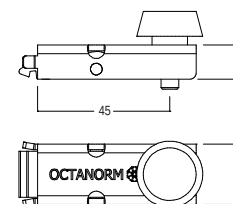


Z 962-T.37

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

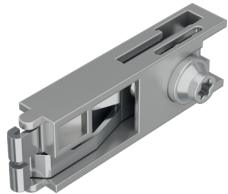


Basic parts

octalumina 120

Tension lock

8 mm
L 70 × W 20 × H 12 mm

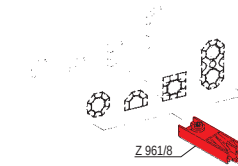
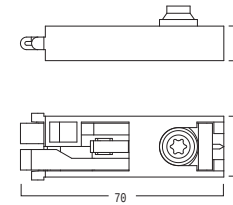


Z 961/8.00

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

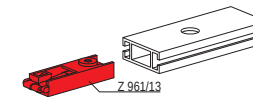
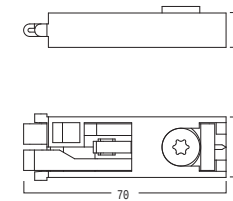


Z 961/13.00

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

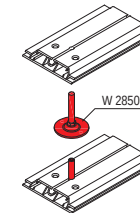
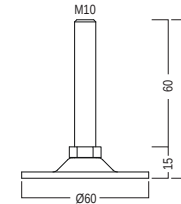


W 2850.37

steel

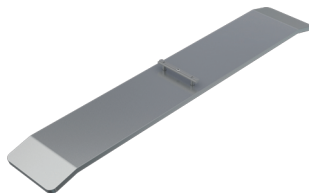
M10 thread, to adjust height of frames/extrusions from the top with hex-star T30

L 60 × W 60 × H 75 mm | 0.113 kg



Base plate

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

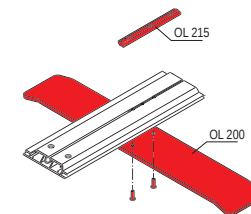
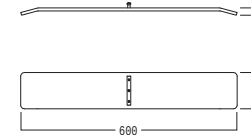


OL 200.21

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

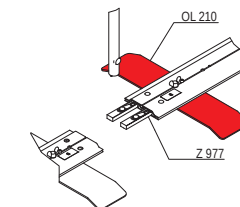
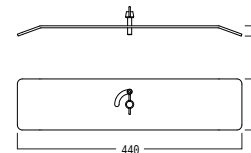


OL 210.21

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

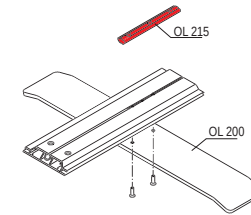
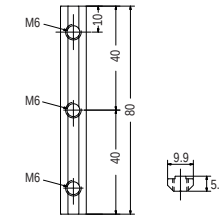


OL 215.00

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

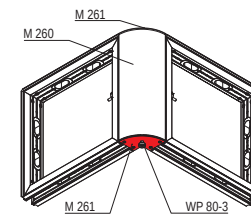
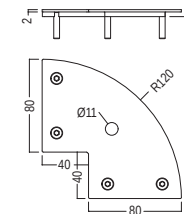


M 261.21

steel

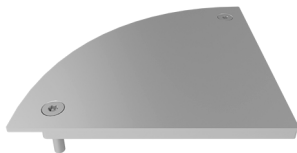
for Quarter-round extrusion M 260 in connection with 80 mm extrusions, to create top and bottom horizontal fabric groove, with drilling 11 mm dia. for adjustable foot

L 120 × W 120 × H 6 mm | 0.335 kg



End plate

for 120 mm extrusions
for M 260

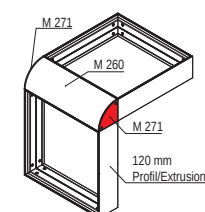
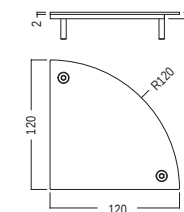


M 271.21

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

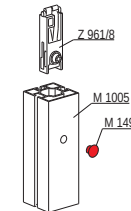


M 1491.35

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

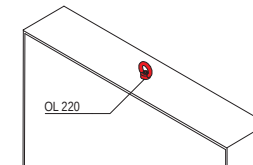
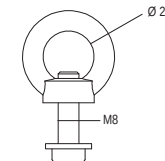


OL 220.37

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

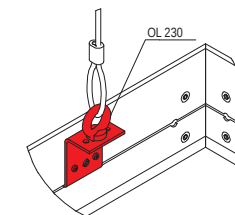
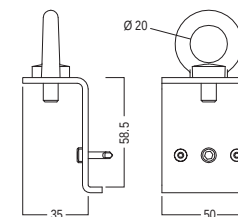


OL 230.37

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



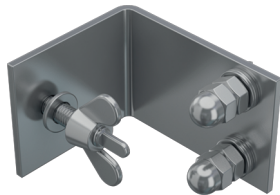
i After removing the eye bolt, can be used for wall mounting

Accessories

octalumina 120

Internal connector

90°
for OCTAlumina 120 frames

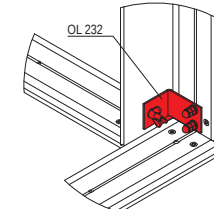
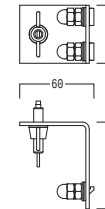


OL 232.37

steel

for 90° connection between 2 OCTAlumina 120 frames without corner upright, with 2 × M 1472 hammerhead screws and 1 × mounting set W 835

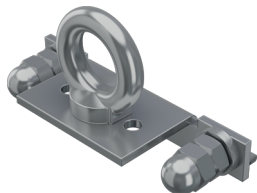
W 75 × H 50 × D 60 mm | 0.239 kg



! fabric has to be cut in the area of the connection

Universal retainer

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

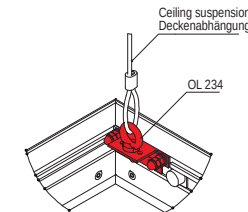
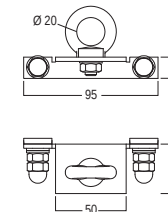


OL 234.37

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

Universal retainer

with screw eye
for wall and ceiling

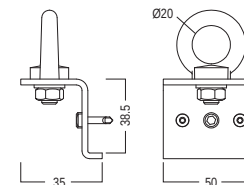


OL 236.37

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**

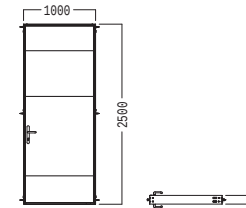


OL 1295.01

aluminium

1 × 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 × cross bracing, 2 m cable with Euro plug, door handle set and lock cylinder

W 1000 × H 2480 × D 120 mm | 32 kg



**without
fabric/graphics**

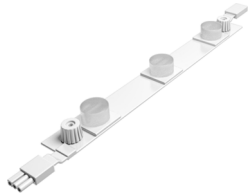
**Measurement for
prints = W 950 × H
2458 mm**

Electrical parts

octalumina 120

LED module

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

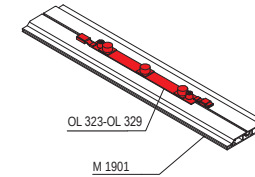
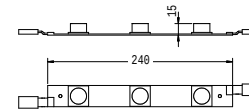


OL 323.90

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

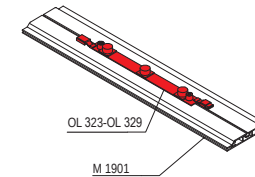
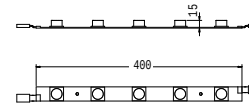


OL 325.90

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

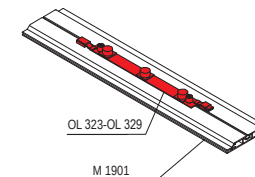
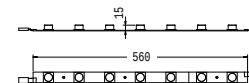


OL 327.90

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

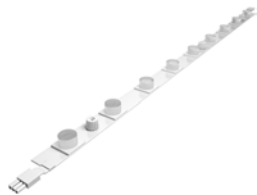


Electrical parts

octalumina 120

LED module

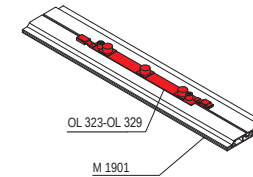
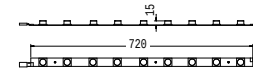
9 LEDs
2300 lm / 19,52 W / 24 V



OL 329.90

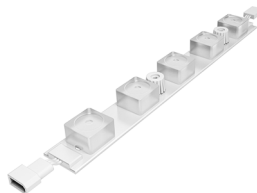
aluminium/plastic

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

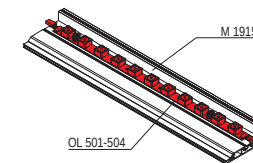
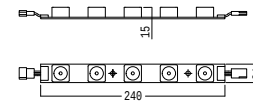
5 LEDs
1554 lm / 15 W / 24 V



OL 501.90

plastic

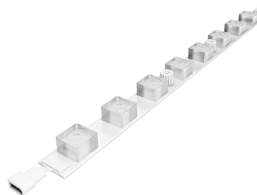
5 LEDs per unit, 15 W / 24 V, 6500 K, 1554 lm, Power-LED module
5 m
L 240 × W 24 × H 15 mm | 0.15 kg



up to 5000 mm frame height

LED module

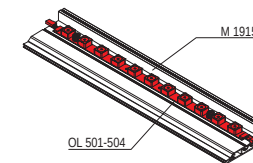
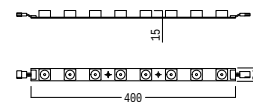
8 LEDs
2552 lm / 24 W / 24 V



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



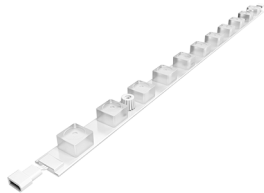
up to 5000 mm frame height

Electrical parts

octalumina 120

LED module

11 LEDs
3540 lm / 33 W / 24 V

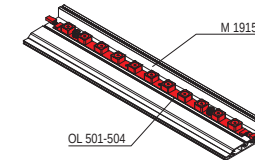
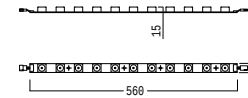


OL 503.90

plastic

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

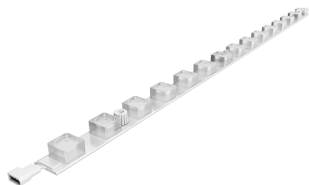
L 560 × W 24 × H 15 mm | 0.158 kg



up to 5000 mm frame height

LED module

15 LEDs
4604 lm / 45 W / 24 V

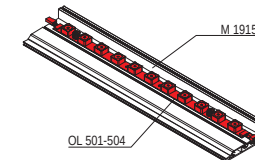
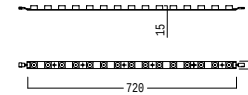


OL 504.90

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

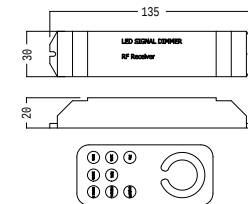


OL 182.90

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

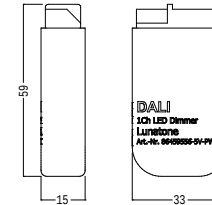


OL 183.90

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)

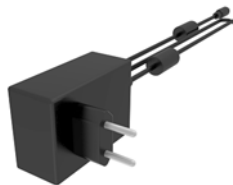
L 59 × W 33 × H 15 mm | 0.017 kg



! only in combination
with OL 323 - OL 329

Power supply

36 W
for LEDs

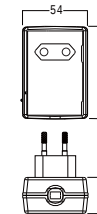


OL 191.90

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

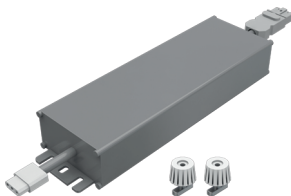
L 79 × W 54 × H 33 mm | 0.209 kg



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

Power supply

60 W
for LEDs

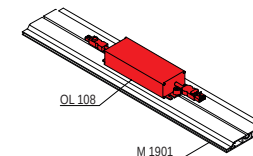
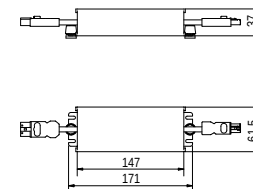


OL 108.90

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



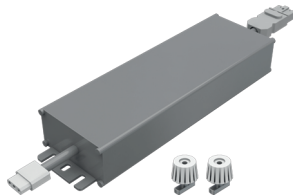
! max. load only up to 48
W recommended for
long life span of the
LED power supply unit

Electrical parts

octalumina 120

Power supply

**100 W
for LEDs**

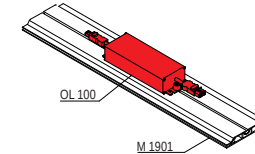
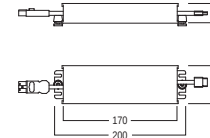


OL 100.90

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

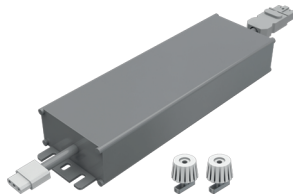
L 200 × W 65 × H 39 mm | 0.921 kg



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

Power supply

**150 W
for LEDs**

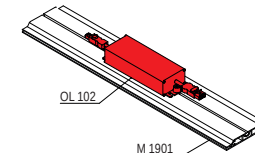
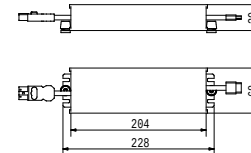


OL 102.90

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

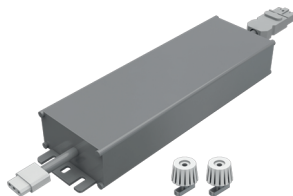
L 228 × W 68 × H 39 mm | 1.174 kg



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

Power supply

**240 W
for LEDs**

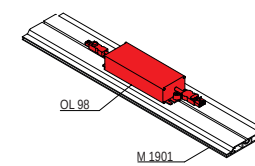
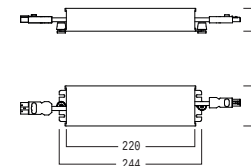


OL 98.90

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



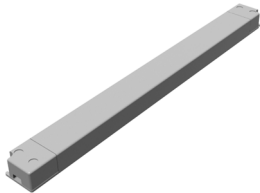
max. load only up to 192 W recommended for long life span of the LED power supply unit

Electrical parts

octalumina 120

Power supply

100 W (Slim Line)
installation in frame

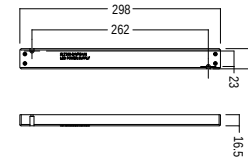


OL 104/1.90

plastic

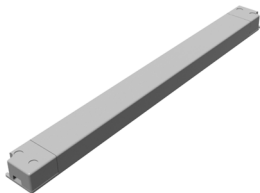
for installation in OCTAlumina 40/80/120 frames, Input: 200-240 V AC, 50/60 Hz, 0.95 A, Output: 24 V DC, 4,17 A, 100 W

L 298 × W 30 × H 16.5 mm | 0.221 kg



Power supply

150 W (Slim Line)
installation in frame

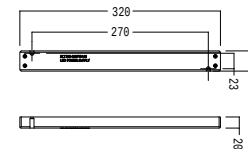


OL 106/1.90

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

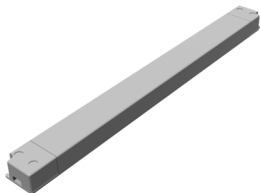
L 320 × W 30 × H 22 mm | 0.243 kg



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

Power supply

200 W (Slim Line)
installation in frame

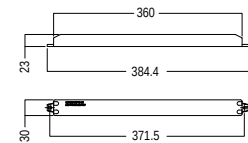


OL 206/1.90

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



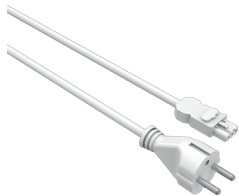
Only suitable for 230 volts! Not for USA and Canada!

Electrical parts

octalumina 120

Power cable

for LED PSU
2000 mm long

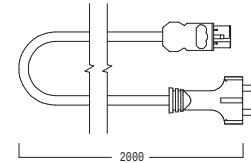


OL 122.90

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 mm²

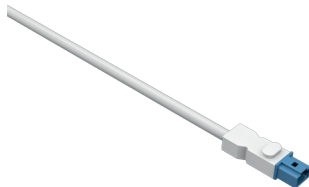
2000 mm long | 0.277 kg



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

Connecting cable

external, 24V
1000 mm long

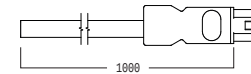


OL 139.30

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

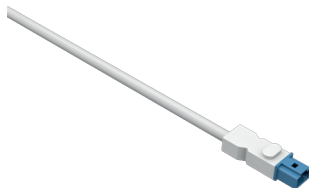
1000 mm long | 0.088 kg



i 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



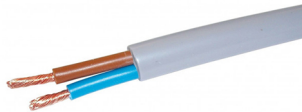
i after cutting the cable
to size the female plug
OL 149 has to be
mounted on the other
side

Electrical parts

octalumina 120

Connecting cable

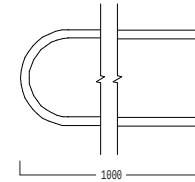
2-wire
1000 mm long



OL 359-1.90

plastic, white

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



Extension cable

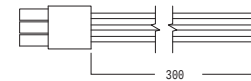
internal, 24 V
300 mm long



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

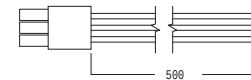
internal, 24 V
500 mm long



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

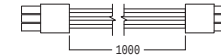


OL 135-1.90

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

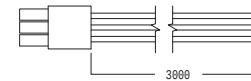


OL 137-1.90

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

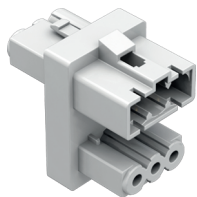
3000 mm long | 0.11 kg



! 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

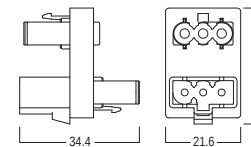


OL 142.90

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

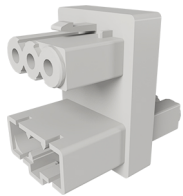


Electrical parts

octalumina 120

Distributor block

250 V/16 A
for 3 × PSU

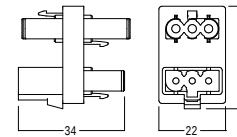


DL 142.90

plastic, white

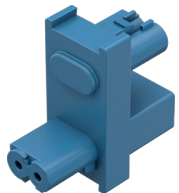
for connecting 3 power supply units to 2 m power cable OL 122, 1 input / 3 output, 3 poles, 250 V/16 A

L 36 × W 22 × H 33 mm | 0.016 kg



Distributor block

24V / 16A
for 2 × LED module

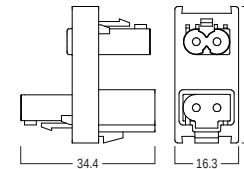


OL 150.30

plastic

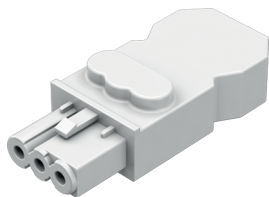
to be used in combination with OL 123 / OL 125 / OL 127 / OL 129, 2 poles, 1 input / 2 output, 24V / 16A

L 35 × W 34 × H 16 mm | 0.006 kg



Female connector

250V / 16A
for DIY assembly

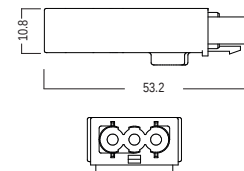


OL 144.30

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

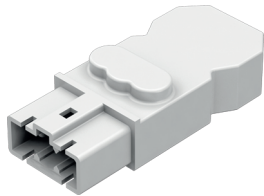


Electrical parts

octalumina 120

Male plug

250V / 16A
for DIY assembly

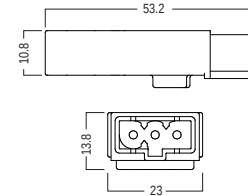


OL 146.30

plastic, white

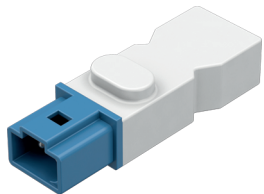
for DIY assembly of OL 98 / OL 100 / OL 102 / OL 104 / OL 106 / OL 108 PSUs, 3-pole, with strain relief, 250V / 16A

L 53 × W 23 × H 14 mm | 0.025 kg



Male plug

24V / 16A
for DIY assembly

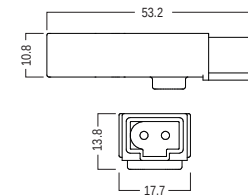


OL 148.90

plastic

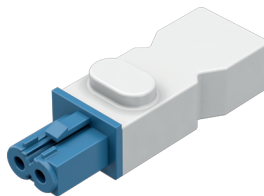
for DIY assembly of 24 V OL 135-1 / OL 137-1 connection cable, 2-pole, with strain relief, 24V / 16A

L 53 × W 18 × H 14 mm | 0.008 kg



Female connector

24V / 16A
for DIY assembly

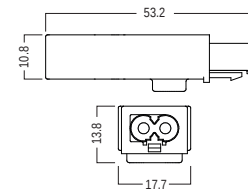


OL 149.90

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

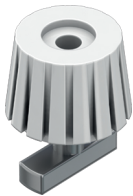


Electrical parts

octalumina 120

Fixing set

for LEDs / PSU
L 14 × W 14 × H 12 mm

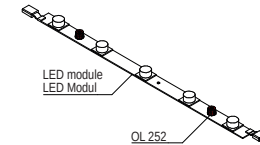
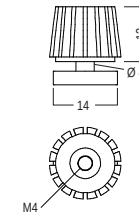


OL 252.90

steel/plastic

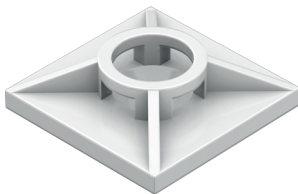
for mounting OL 123 / OL 125 / OL 127 / OL 129 LED modules and
OL 98 / OL 102 / OL 108 power supply units on frame extrusion

L 14 × W 14 × H 12 mm | 0.004 kg



Adhesive base

100 pcs
for cable ties OL 255

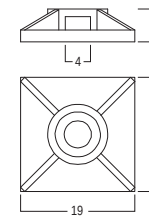


OL 254.90

plastic, white

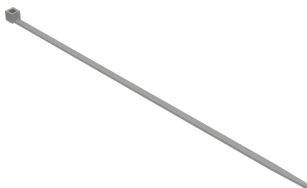
for wire management with wire ties OL 255 (not included), max.
width wire ties 4 mm, packaging unit 100 pcs.

L 19 × W 19 × H 5 mm | 0.071 kg



Cable tie

100 pcs
L 155 × W 2.5 mm

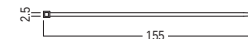


OL 255.90

plastic, white

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

L 155 × W 2.5 mm | 0.051 kg

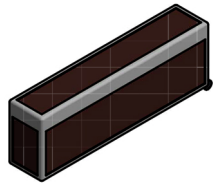


➤ Packaging/Transport

octalumina 120

Transport box

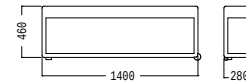
for OL 1210T / OL 1220 T
L 1400 × W 280 × H 460 mm



OL 902-10.90

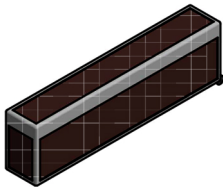
plastic/aluminium

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



Transport box

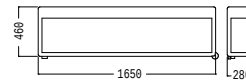
for OL 1230T
L 1650 × W 280 × H 460 mm



OL 902-30.90

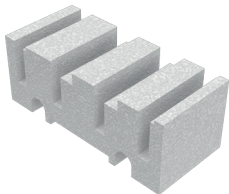
plastic/aluminium

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



Foam inlay

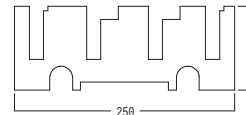
for extrusion M 1901
L 250 × W 95 × H 100 mm



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

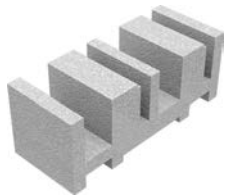


➤ Packaging/Transport

octalumina 120

Foam inlay

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

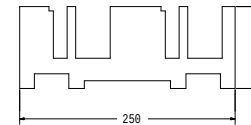


OL 991.90

foam

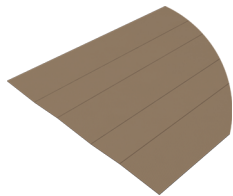
for safe transportation of M 1915 frame profiles with mounted LED modules

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 mm/palet, weight per palet: 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

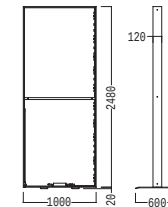


OL 1210.01

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

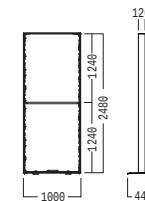


OL 1210T.01

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

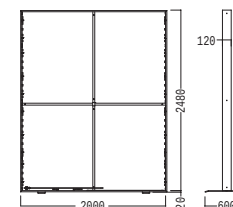


OL 1220.01

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



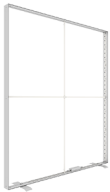
without fabric/graphics (fabric dimensions = outer frame dimensions)

Products

octalumina 120

Light frame

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

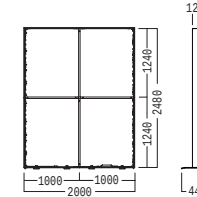


OL 1220T.01

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)

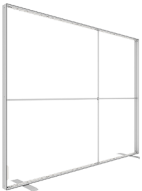
W 2000 × H 2480 × D 120 mm | 24.7 kg



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

Light frame

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

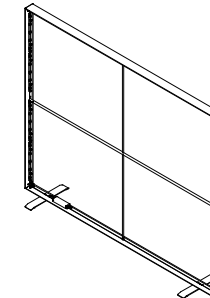
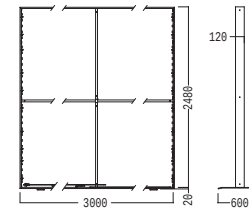


OL 1230.01

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

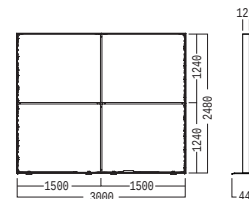


OL 1230T.01

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



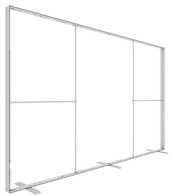
without
fabric/graphics (fabric
dimensions = outer
frame dimensions)

Products

octalumina 120

Light frame

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

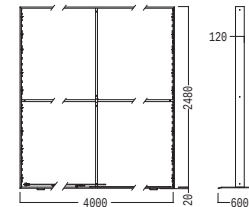


OL 1240.01

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

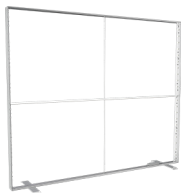
W 4000 × H 2480 × D 120 mm | 39.81 kg



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

Light frame

with base plates
120 mm, custom size

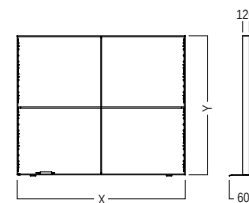


OL 1290.01

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 |

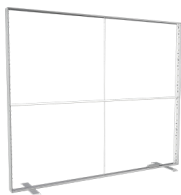


i without
fabric/graphics (fabric
dimensions = outer
frame dimensions)

i custom size: please
advise dimensions
when placing the order

Light frame

with base plates
120 mm, custom size

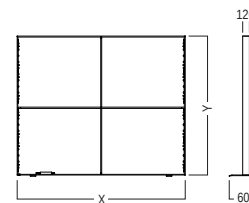


OL 1290 E.01

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)

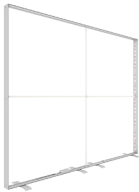
i custom size: please
advise dimensions
when placing the order

Products

octalumina 120

Light frame

toolless, with base plates
120 mm, custom size

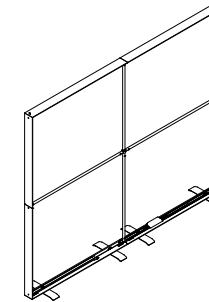
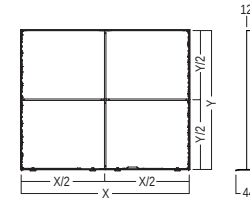


OL 1290T.01

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 |

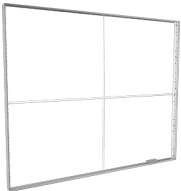


i without
fabric/graphics (fabric
dimensions = outer
frame dimensions)

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

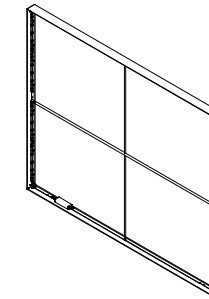
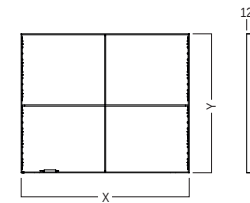


OL 1291.01

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 |

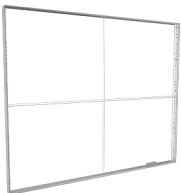


i without
fabric/graphics (fabric
dimensions = outer
frame dimensions)

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

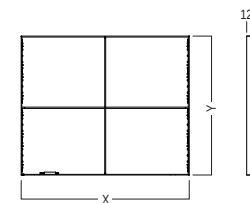


OL 1291 E.01

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

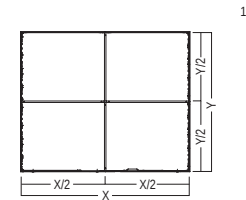


OL 1291T.01

aluminium

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

120 mm, custom size |



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

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

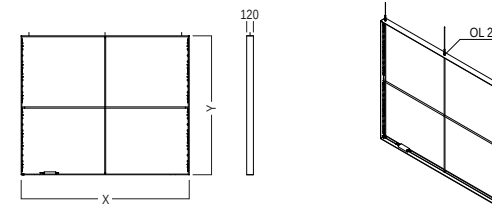


OL 1292.01

aluminium

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

120 mm, custom size |



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

custom size: please advise dimensions when placing the order

Light frame

vertically suspended
120 mm, custom size

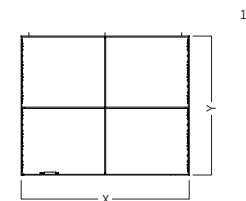


OL 1292 E.01

aluminium

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

120 mm, custom size |



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

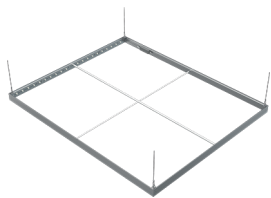
custom size: please advise dimensions when placing the order

Products

octalumina 120

Light frame

horizontally suspended
120 mm, custom size

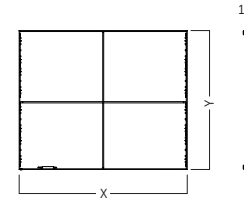


OL 1293 E.01

aluminium

1 × frame element for single-sided back-lit graphics, LED modules and LED power supply unit mounted, incl. 1 × 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 |

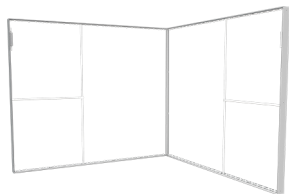


i without
fabric/graphics (fabric
dimensions = outer
frame dimensions)

i custom size: please
advise dimensions
when placing the order

Light frame

L-shaped
120 mm, custom size

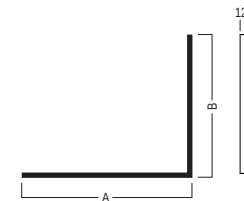


OL 1261.01

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 |

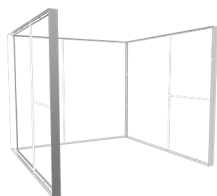


i without
fabric/graphics

i custom size: please
advise dimensions
when placing the order

Light frame

U-shaped
120 mm, custom size

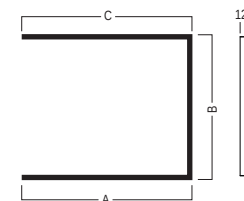


OL 1262.01

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

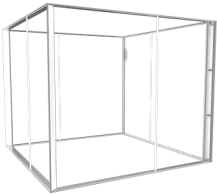
i custom size: please
advise dimensions
when placing the order

Products

octalumina 120

Light frame

rectangular corner
120 mm, custom size

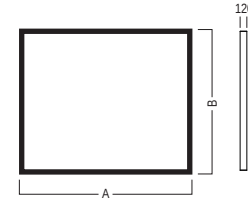


OL 1264.01

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 × H X × D 120 mm

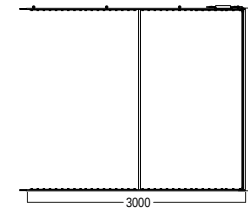


OL 1265-3000.01

aluminium

1 × 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 × cable 2 m with Schuko plug and 4 × screw eye OL 220 for vertical ceiling suspension

W 3000 × H X × D 120 mm |



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

Light frame element

vertically suspended
W 2000 × H X × D 120 mm

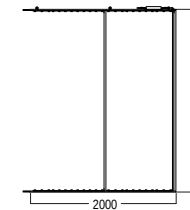


OL 1265-2000.01

aluminium

1 × 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 × cable 2 m with Schuko plug and 3 × screw eye OL 220 for vertical ceiling suspension

W 2000 × H 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

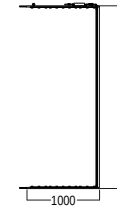


OL 1265-1000.01

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 |



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 |



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

Light frame element

vertically suspended
120 mm, custom size

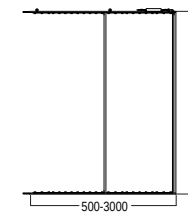


OL 1265-SO.01

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 |



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

Products

octalumina 120

Light frame element

**Start / end element
vertically suspended**

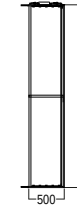


OL 1265-E500.01

aluminium

1 × 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 × cable 2 m with Schuko plug and 2 × screw eye OL 220 for vertical ceiling suspension

W 500 × H X × D 120 mm |



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

Light frame element

**90° Corner
vertically suspended**

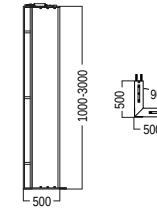


OL 1265-W90.01

aluminium

1 × 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 × cable 2 m with Schuko plug and 2 × screw eye OL 220 for vertical ceiling suspension

W 500 × H X × D 500 mm |



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

Light frame element

**45° Corner
vertically suspended**

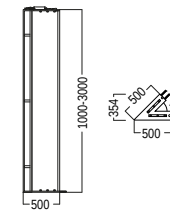


OL 1265-W45.01

aluminium

1 × 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 × cable 2 m with Schuko plug and 2 × screw eye OL 220 for vertical ceiling suspension

W 500 × H X × D 354 mm |



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

Products

octalumina 120

Light frame element

60° Corner vertically suspended

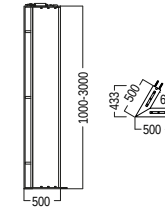


OL 1265-W60.01

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 |



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

Light frame element

135° Corner vertically suspended

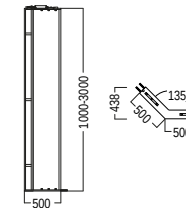


OL 1265-W135.01

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 |



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

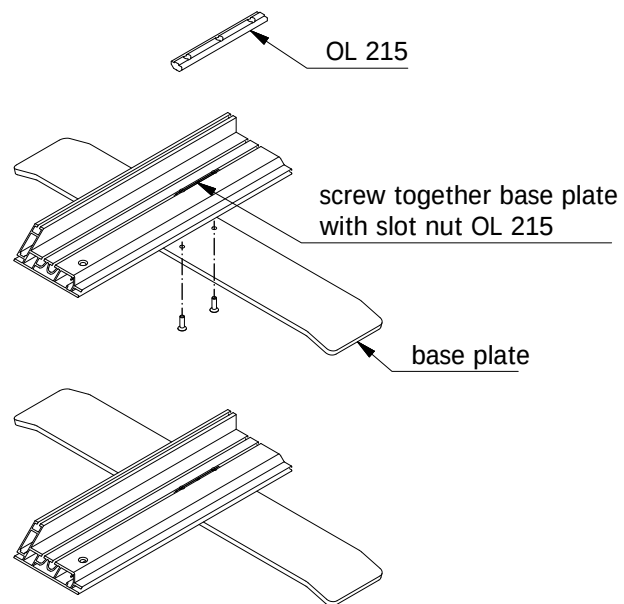
➤ technical information

➤ M-OL-0.7	
User Manual Dimmer OL 182	
➤ M-OL-1.1	103
octalumina 80 and 120 single-sided assembly instruction	
➤ M-OL-1.2	105
octalumina 120 double-sided assembly instruction	
➤ M-OL-1.3	107
octalumina 120 assembly instruction corner solution	
➤ M-OL-1.4	108
octalumina 120 toolless OL 1202 assembly instruction	
➤ M-OL-1.5	109
Assembly instruction octalumina toolless	
➤ TI-M-55.1	110
Fabric suspension extrusion M 1322 (E/I)	
➤ TI-OL-0.9	111
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➤ TI-OL-1.2.1	114
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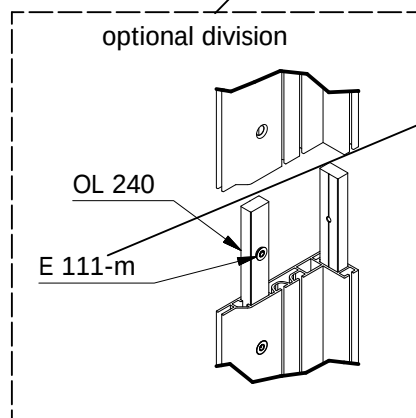
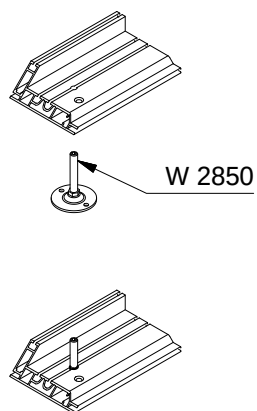
➤ technical information

➤ TI-OL-1.2.2	115
octalumina 120 and plus Electrical connection diagram 5 m LED	
➤ TI-OL-1.3	116
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➤ TI-OL-1.4	117
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➤ TI-OL-1.6	118
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➤ TI-OL-1.7	119
octalumina 120 illuminated door OL 1295	
➤ TI-OL-5.2	
octalumina Dimmer OL 182 User Manual	

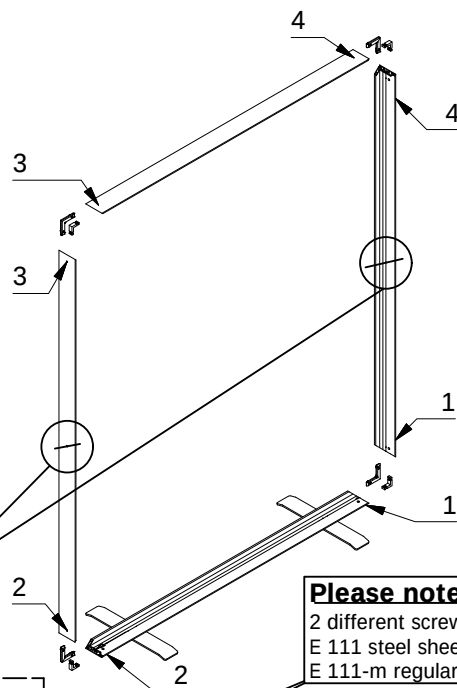
1. Mounting base plate OL 200



1a. Alternative: Mounting adjustable foot W 2850



2. Mounting frame parts

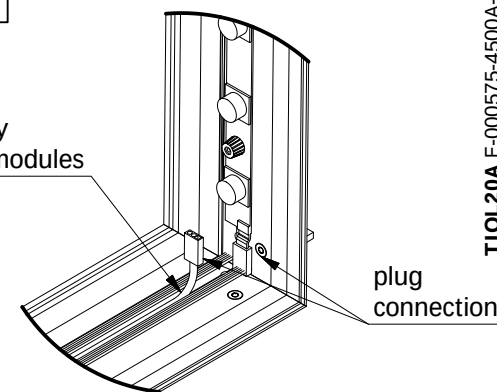
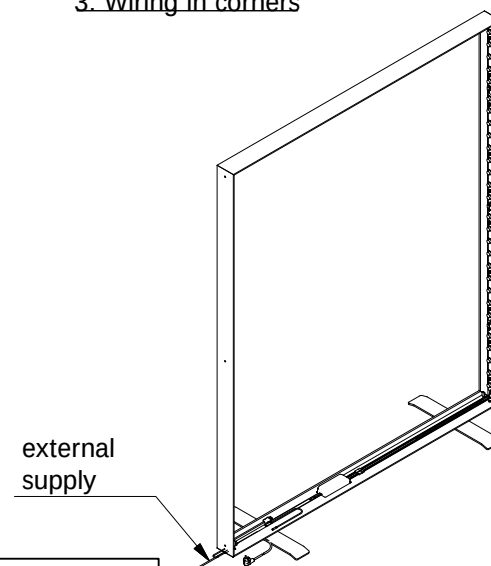


Please note!

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

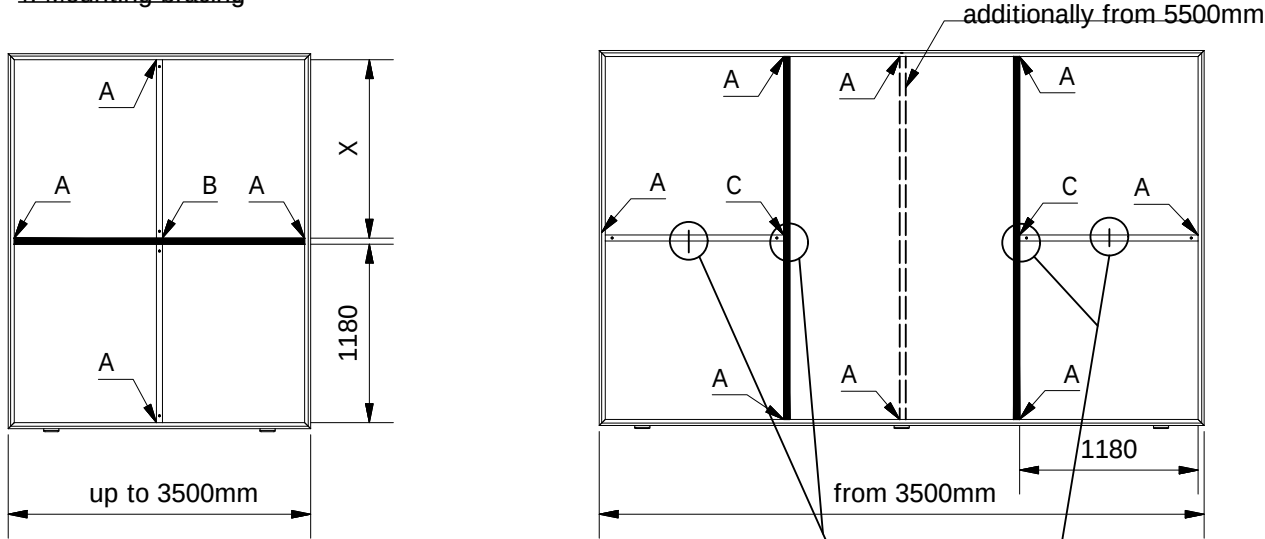
During assembly,
make sure that all
frame parts match
(markings)

3. Wiring in corners

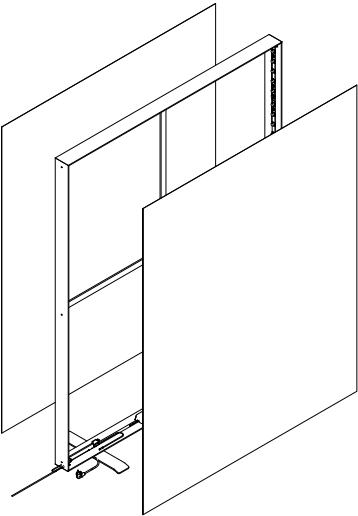


Run function test of LEDs!

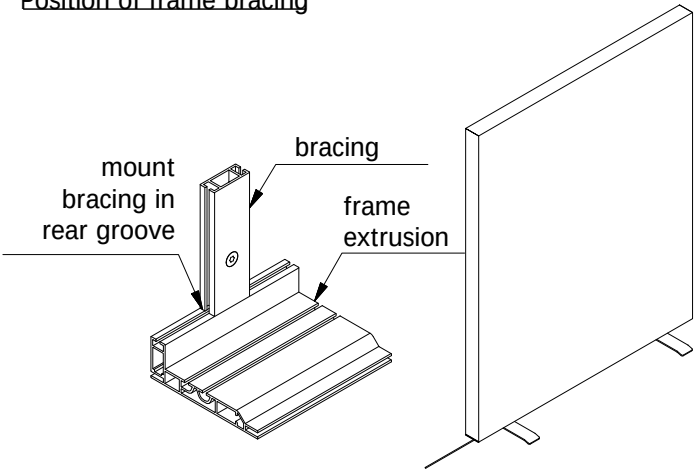
4. Mounting bracing



5. Mounting fabric infill

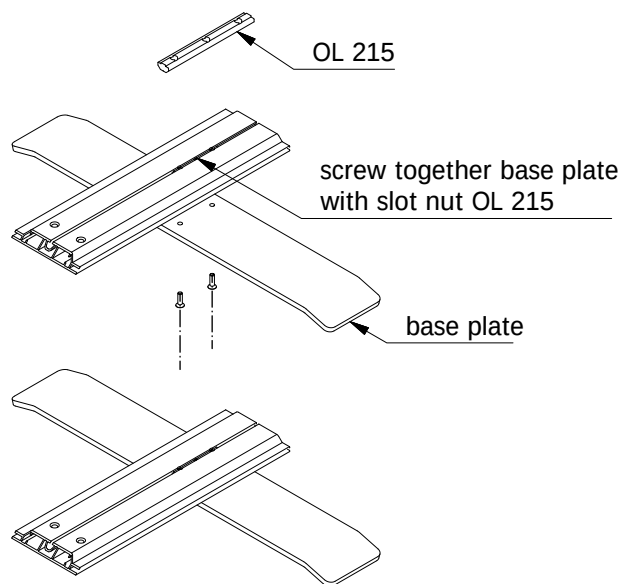


Position of frame bracing

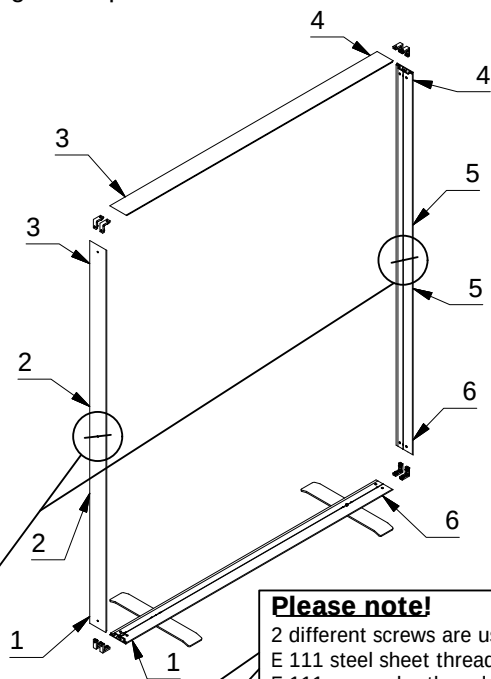


TIOL20A E-000575-4500A-T02 B Freigegeben 19.11.2018 SC

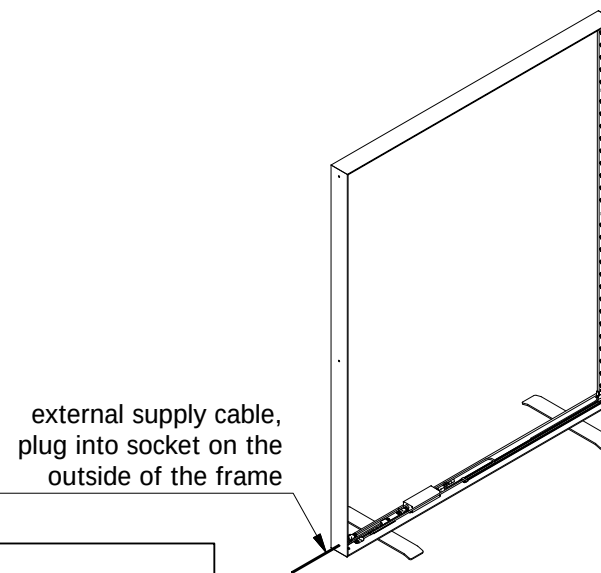
1. Mounting base plate OL 200



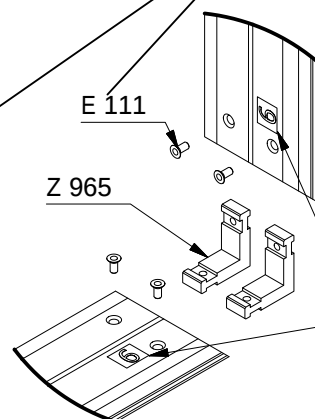
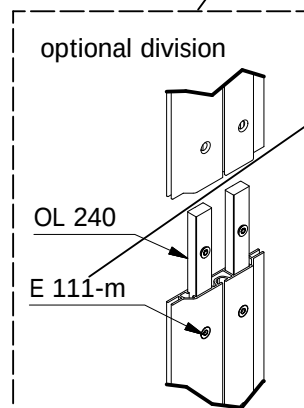
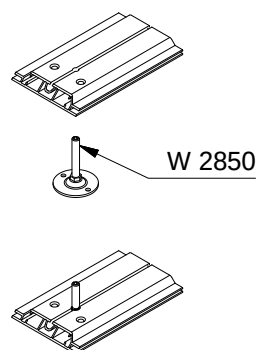
2. Mounting frame parts clockwise



3. Wiring in corners



1a. Alternative: Mounting adjustable foot W 2850



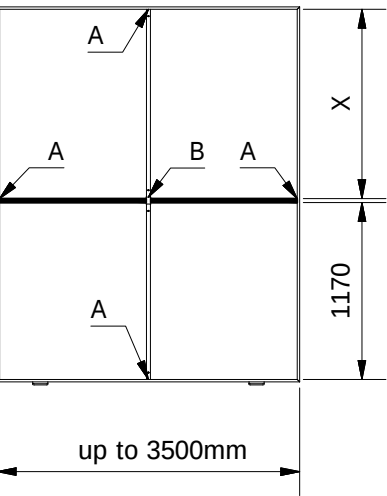
During assembly, make sure that all frame parts match (markings)

push connectors together until they click

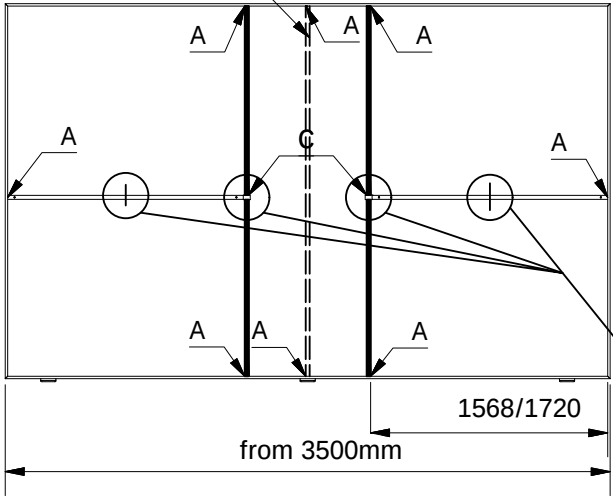
supply LED modules

Run function test of LEDs!

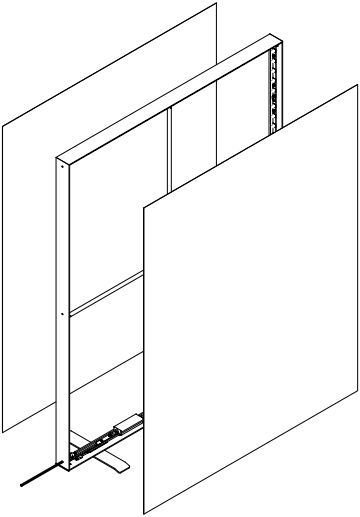
4. Mounting bracing



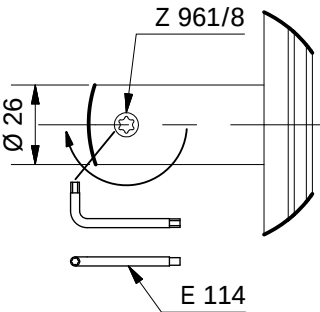
additionally from 5500mm



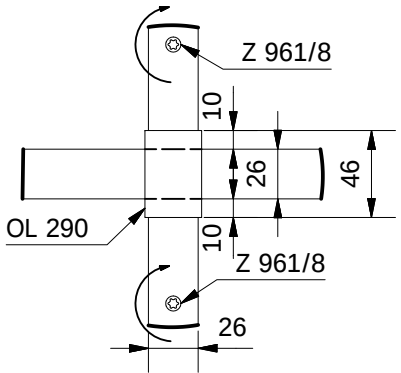
5. Mounting fabric infill



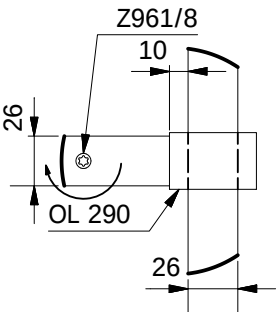
Detail A



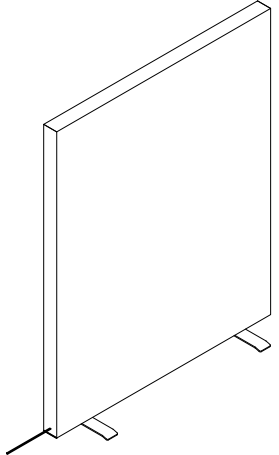
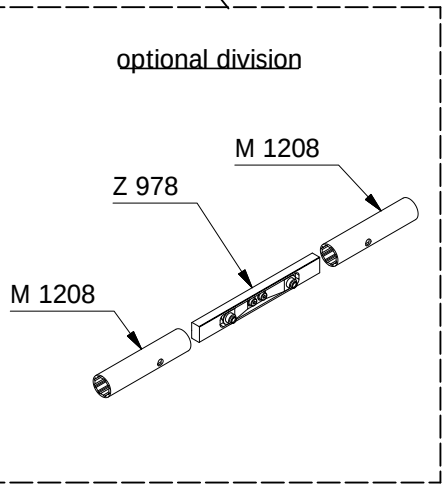
Detail B



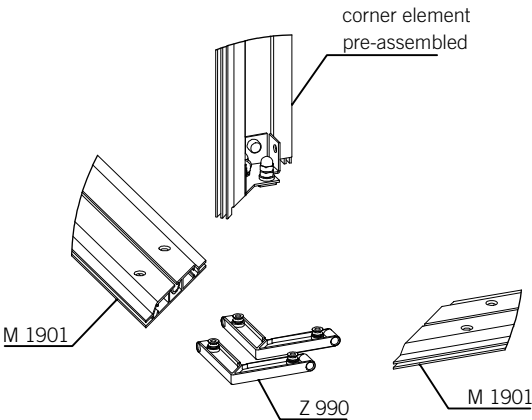
Detail C



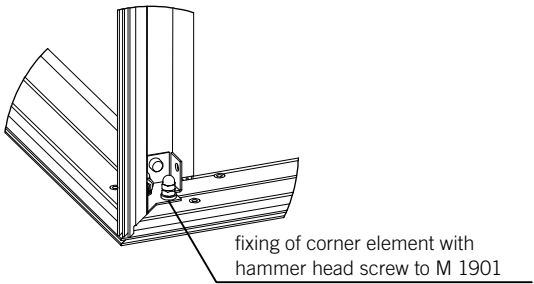
optional division



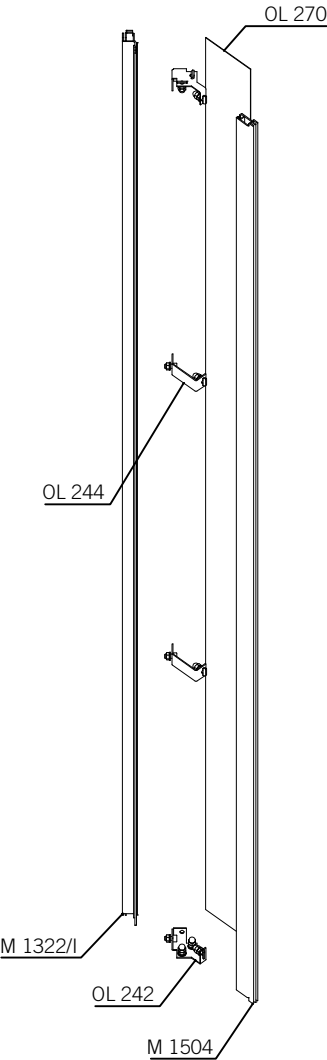
Components



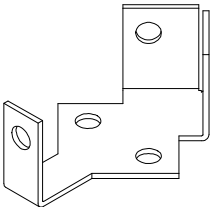
Mounting corner element



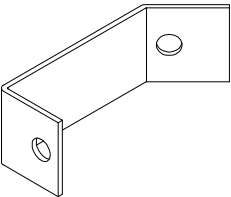
Components corner element
(pre-assembled)



OL 242-OZ
angle support top/bottom



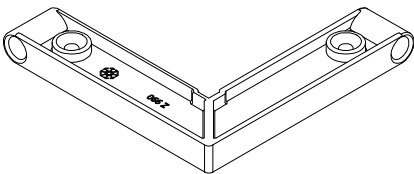
OL 244
retainer center



M 1901
extrusion horizontal



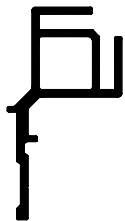
Z 990
internal corner connector for M 1901

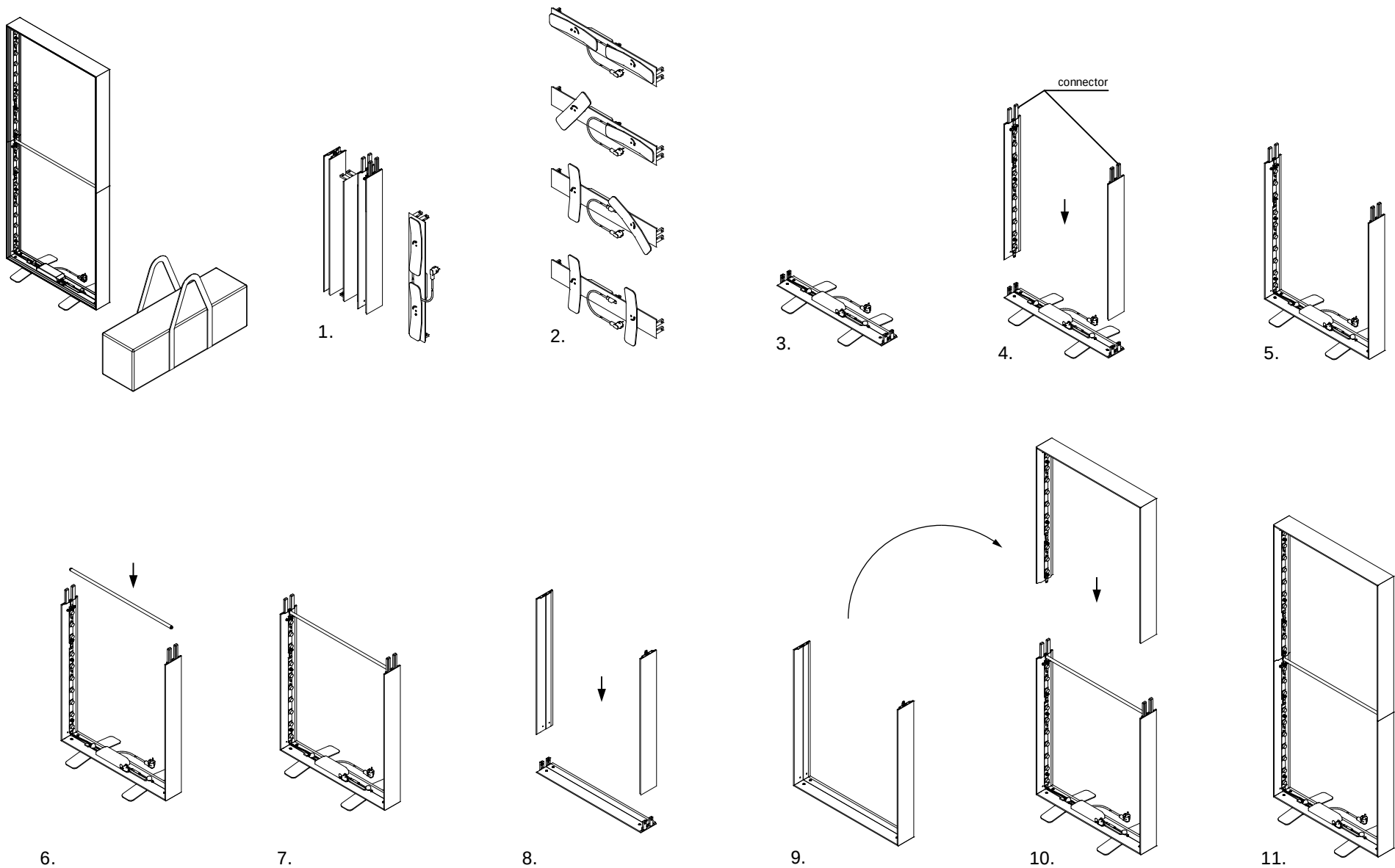


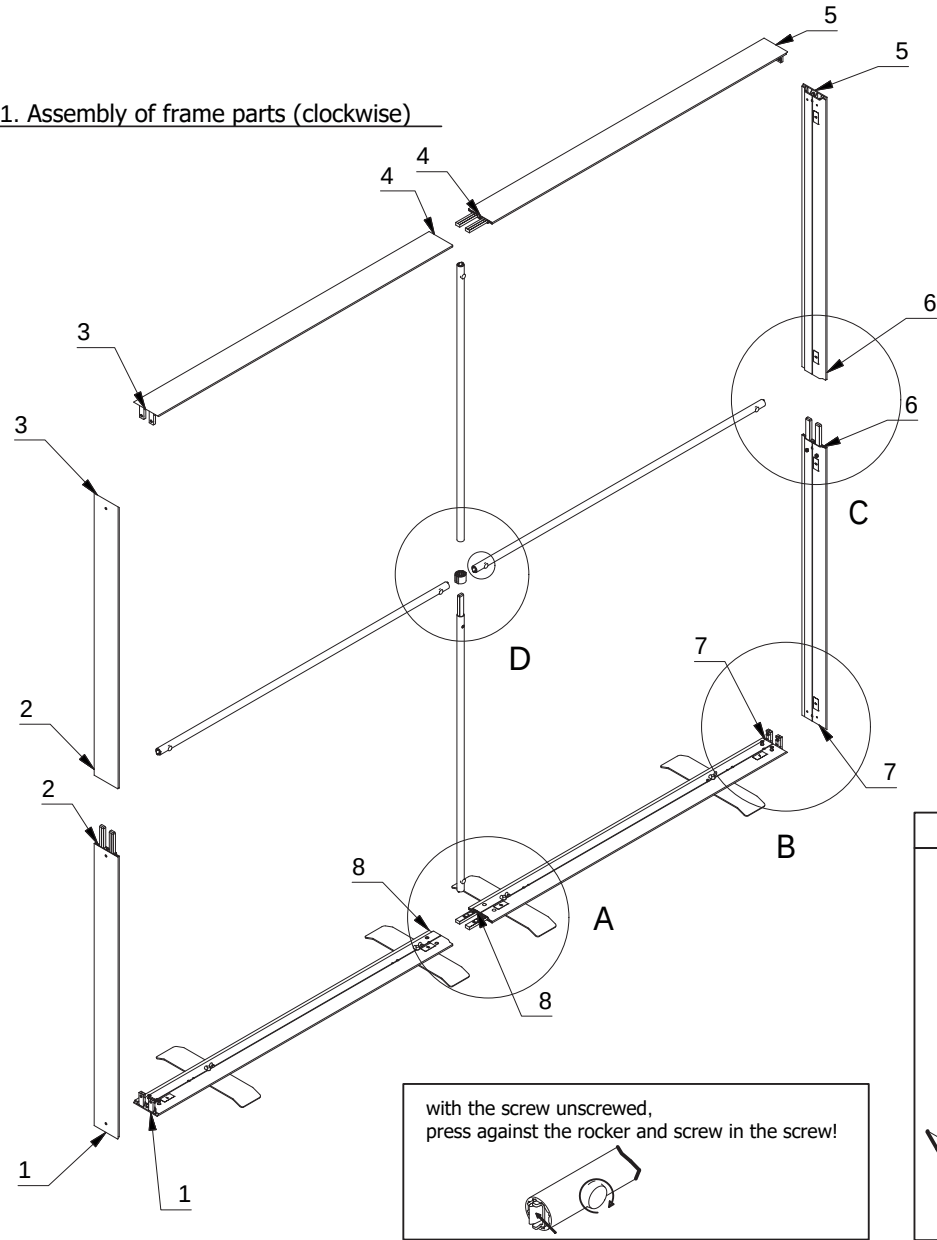
M 1504
corner extrusion
outside



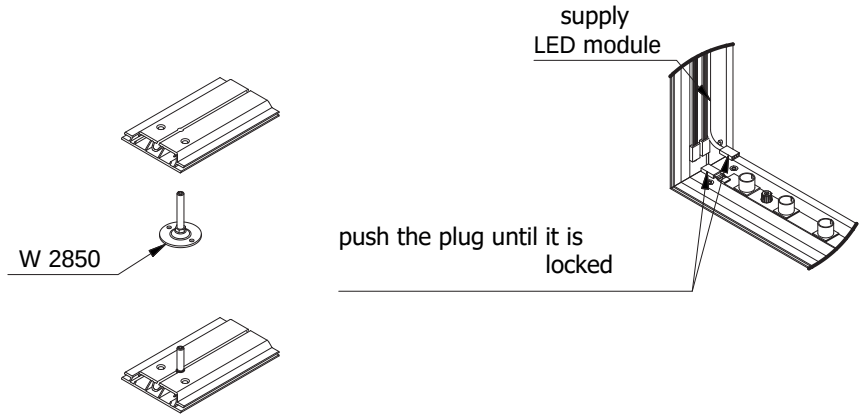
M 1322/I
corner extrusion
inside







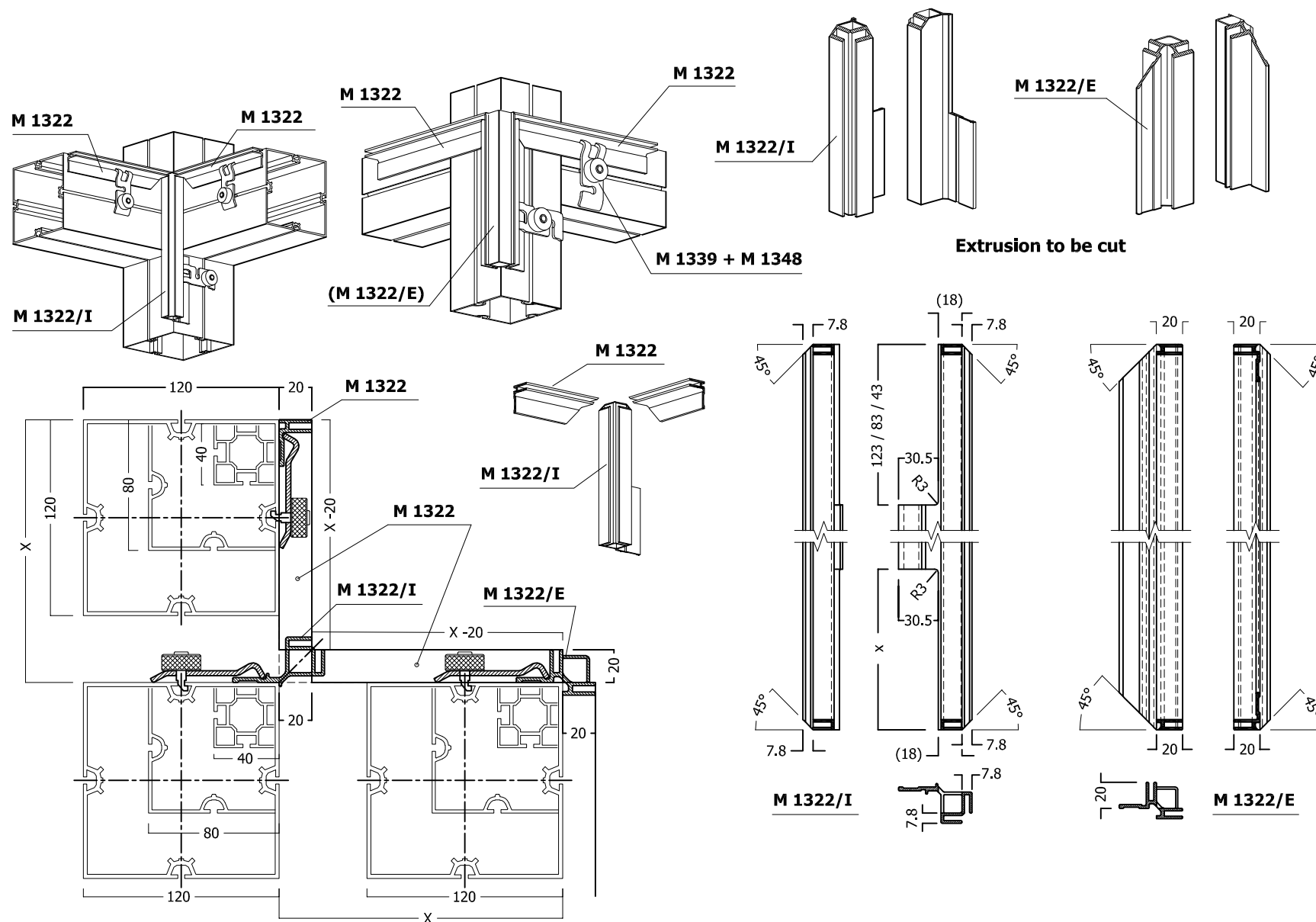
2. alternative assembly of adjustable foot W 2850

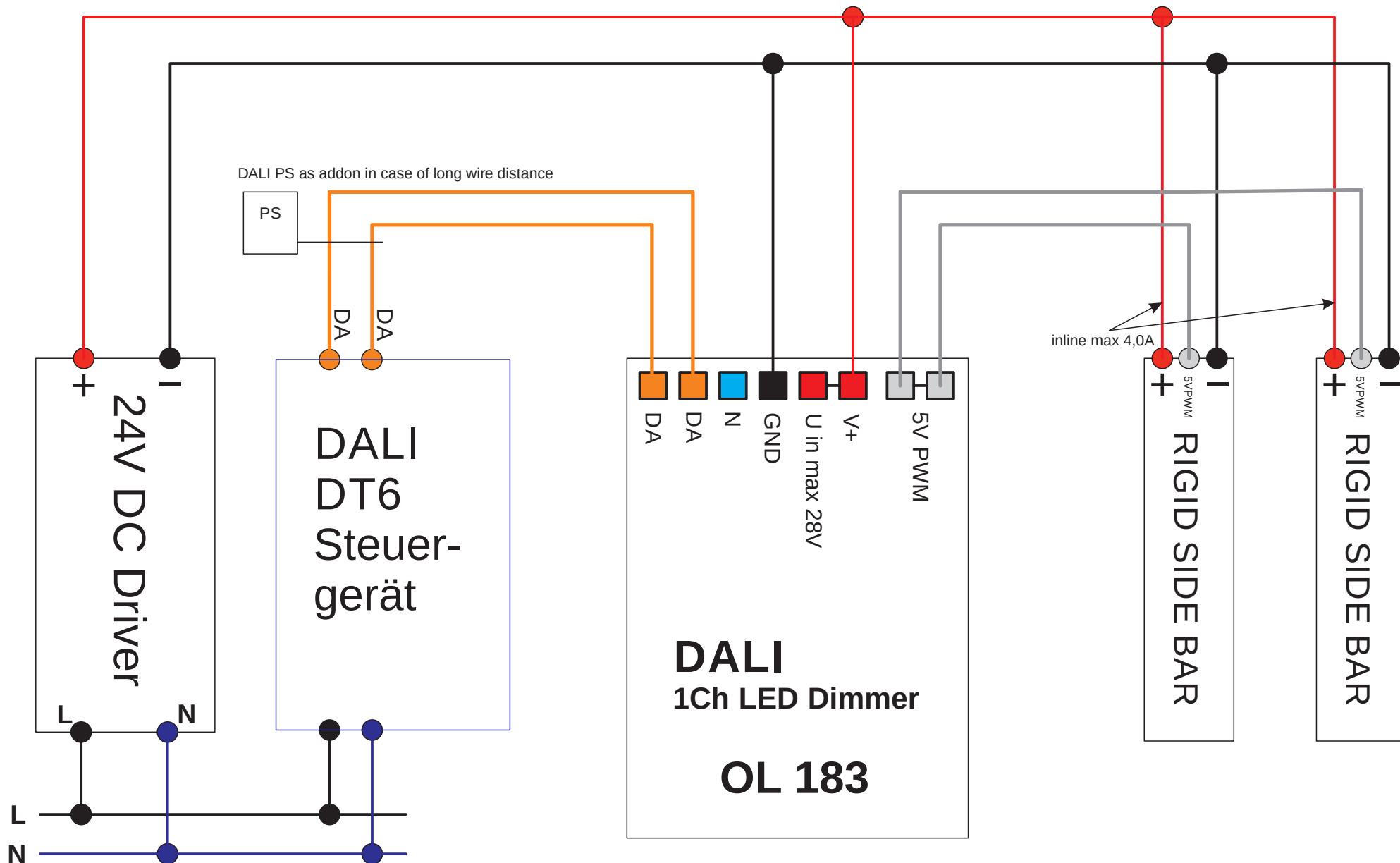


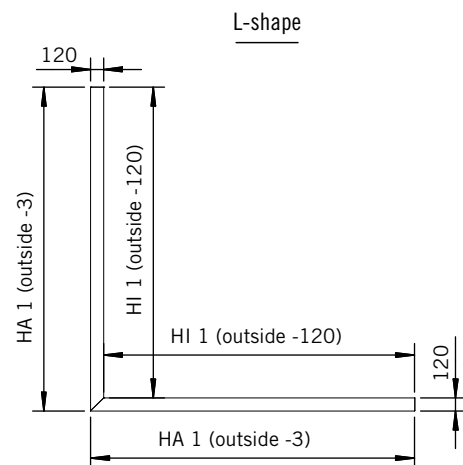
Perform functional test of LEDs

Attention!
The frame may only be moved when assembled.

frame assembly			
A	B	C	D







size of fabric horizontal outside

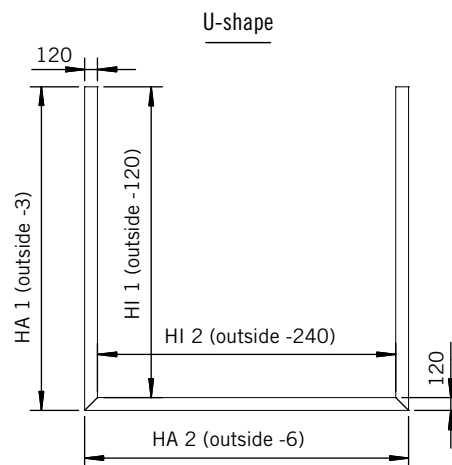
HA 1 = horizontal outside 1:

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



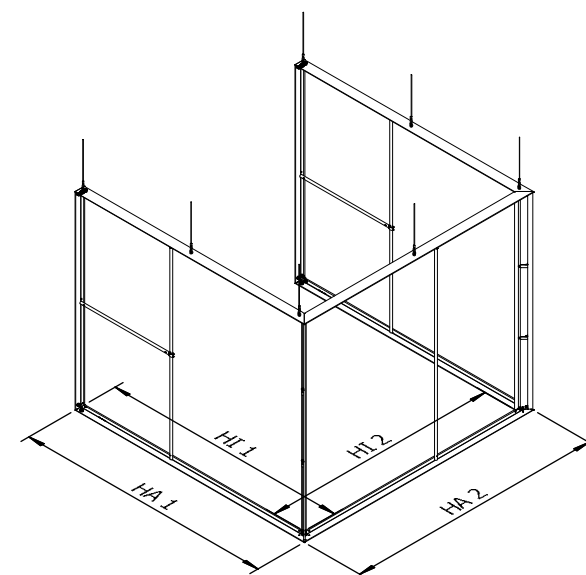
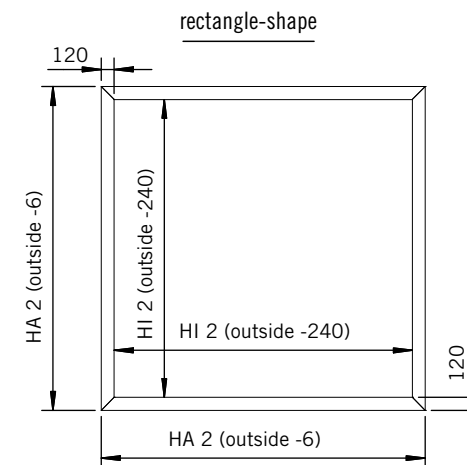
size of fabric horizontal inside

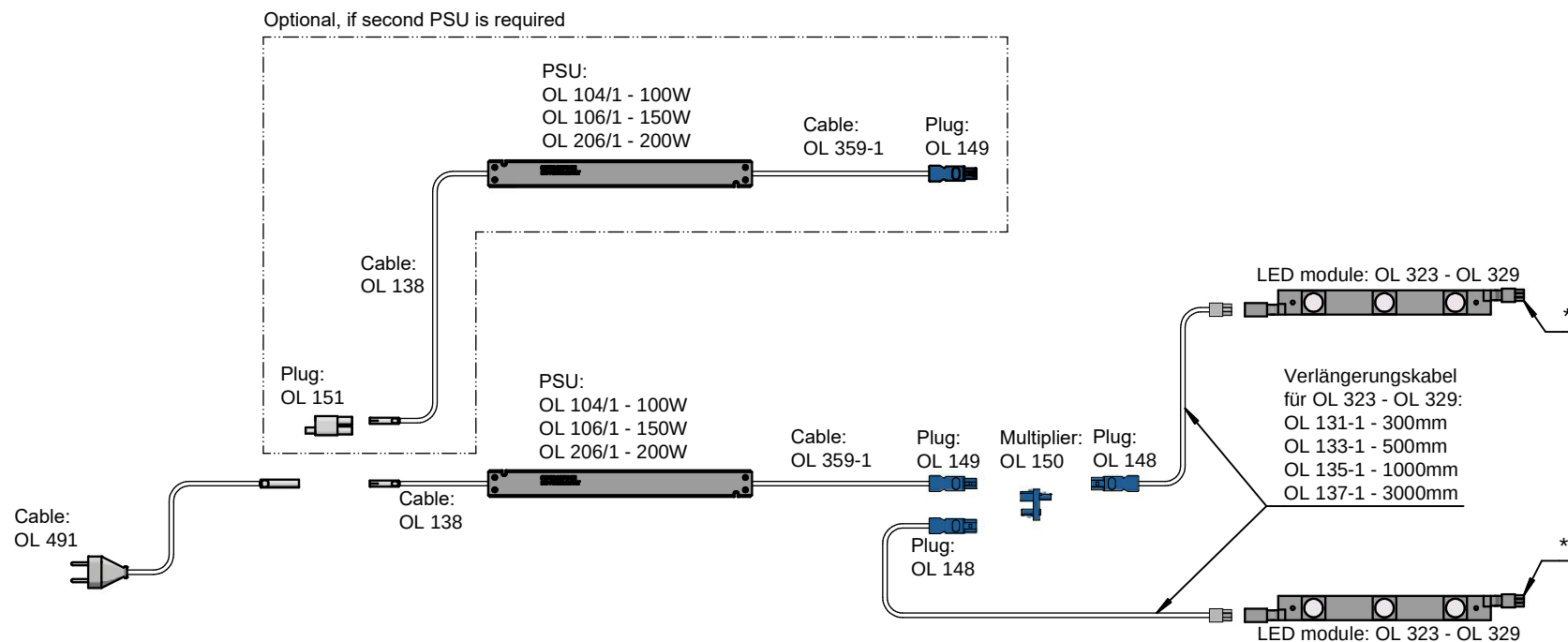
HI 1 = horizontal inside 1:

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.

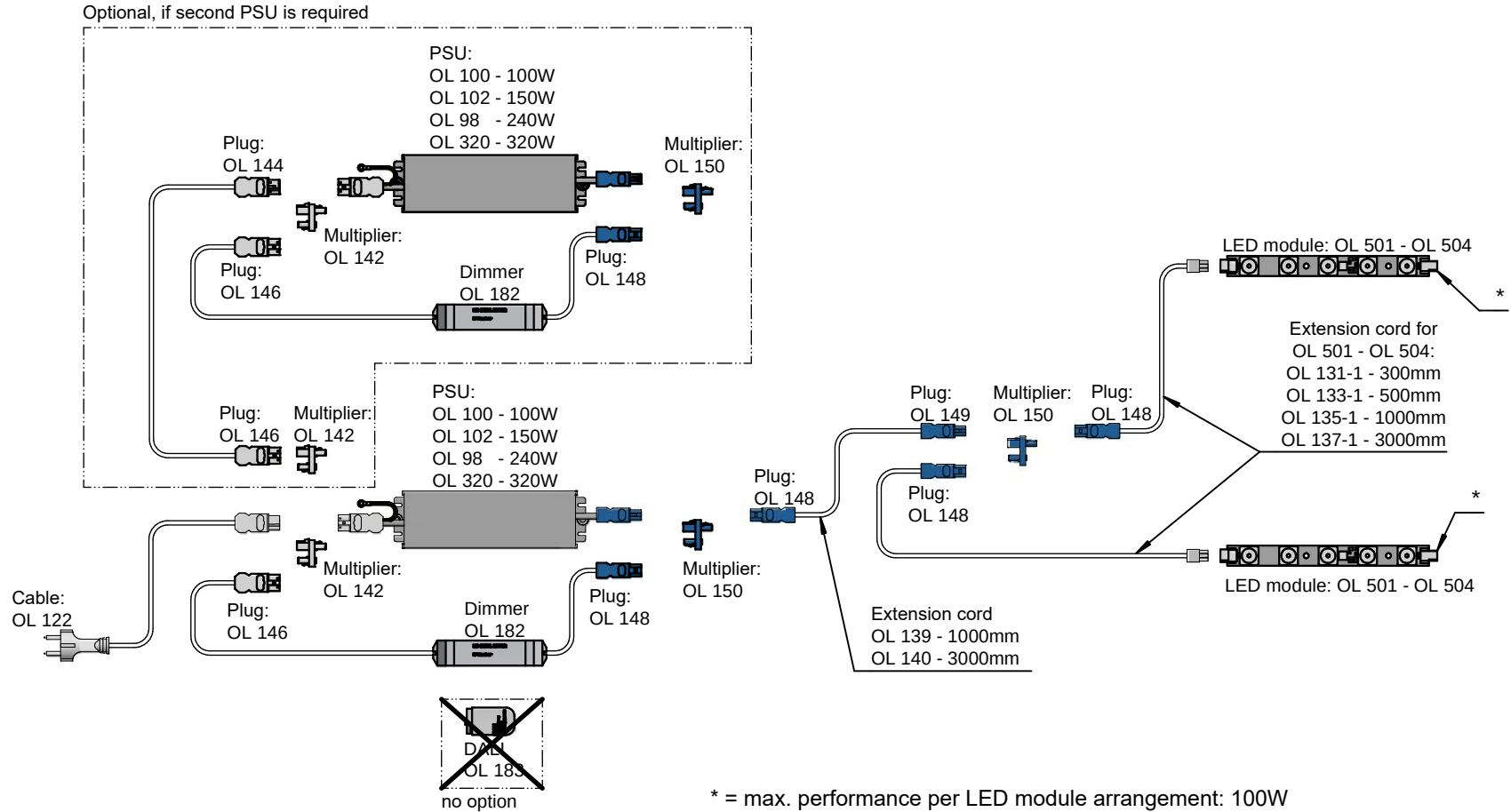
one Dimmer for each PSU OL 182 (Manual Dimmer TI-OL-0.7)

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



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

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



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

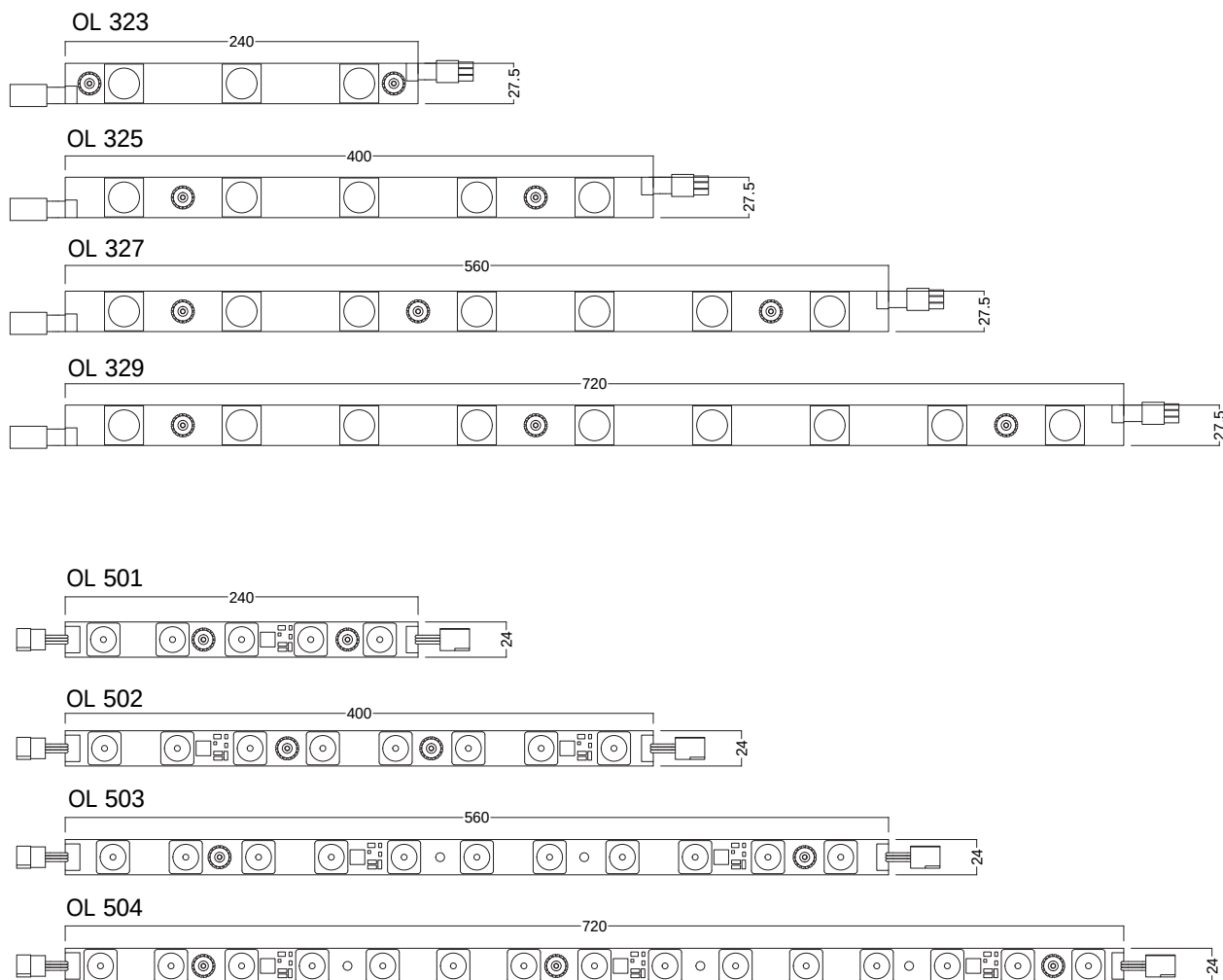
if the performance exceeds 100W, an additional infeed is necessary using extension cord OL 131-1 to OL 137-1 or OL 113-300 to OL 113-3000 (depends on type of LED module)

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

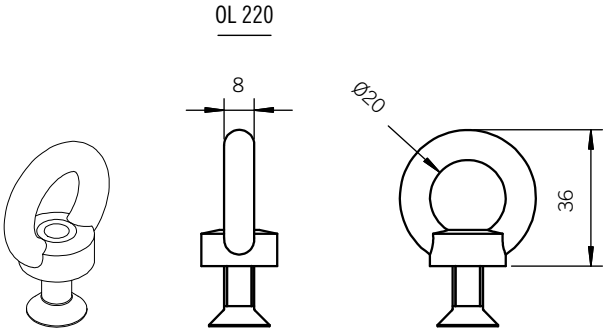
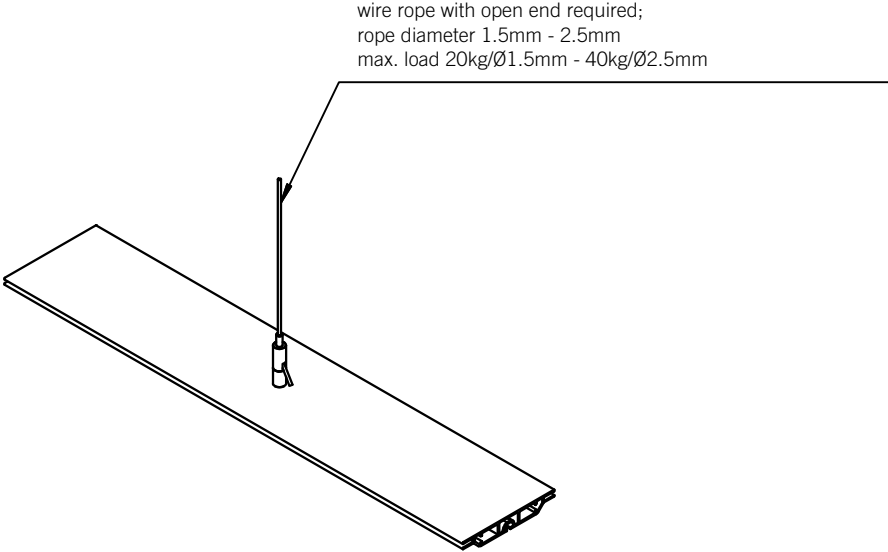
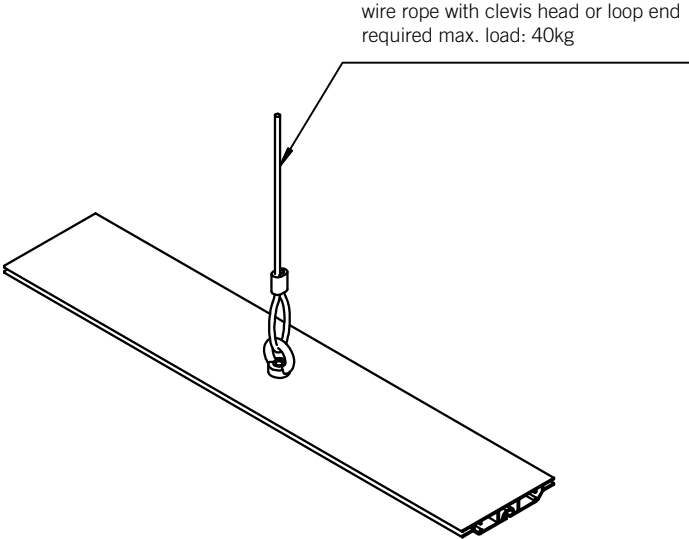
- OL 323 = 6,5 W / 750 LM
- OL 325 = 10,8 W / 1250 LM
- OL 327 = 15,12 W / 1750 LM
- OL 329 = 19,52 W / 2250 LM

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

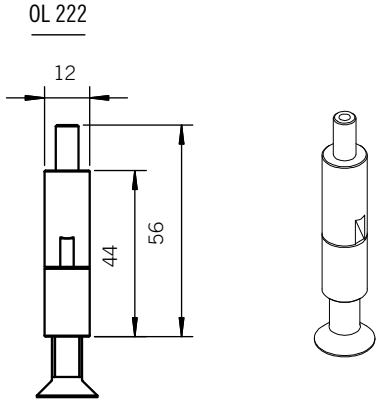
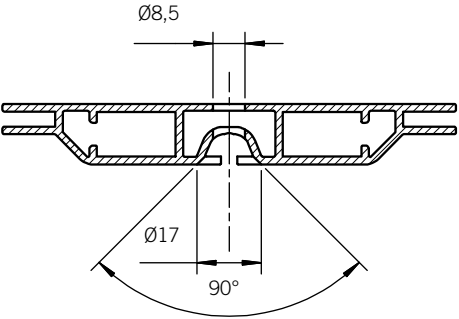
- OL 501 = 15,95 W / 1554 LM
- OL 502 = 26,40 W / 2552 LM
- OL 503 = 35,80 W / 3540 LM
- OL 504 = 48,60 W / 4604 LM

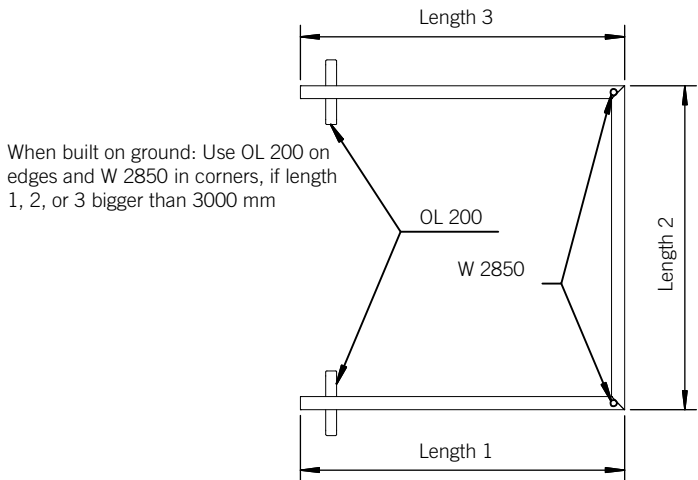
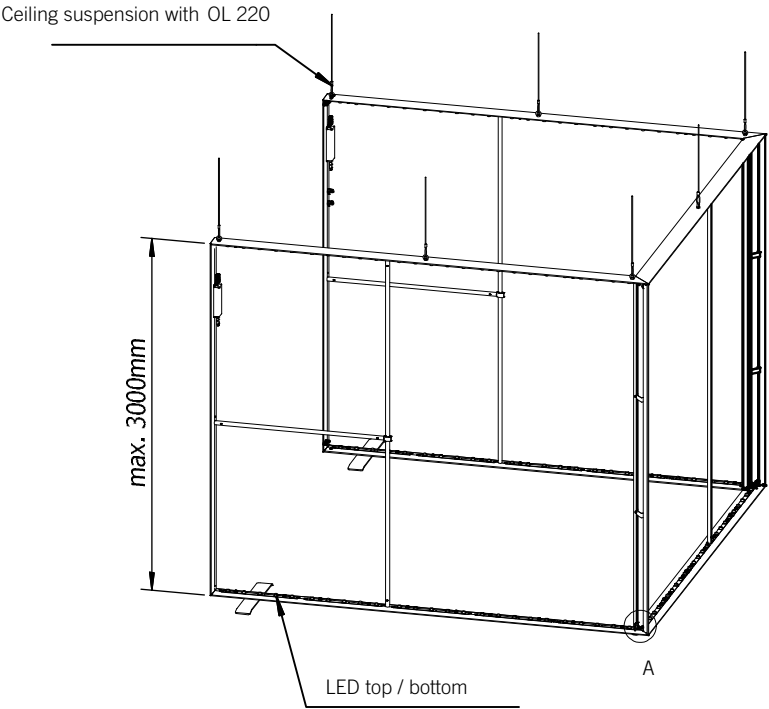
- voltage : 24 V
- colour temp.: 6000-6500K
- plug/socket mounted
- max. distance 18 mm
- use only with extrusions M 1915 and U 1060!
- up to frame size 5 m

TIOL13B E-000575-2611A-000

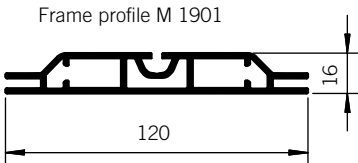


extrusion processing for OL 220 and OL 222

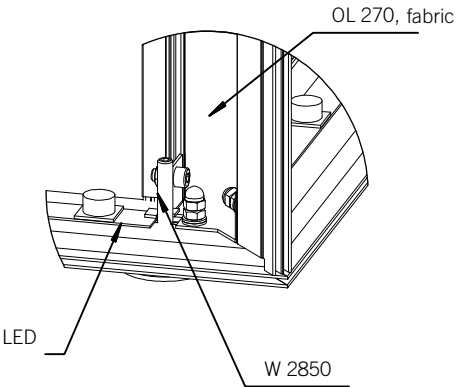




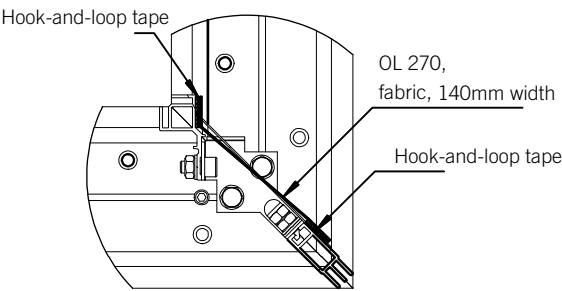
Note:
The light box dimensions have to be determined on order



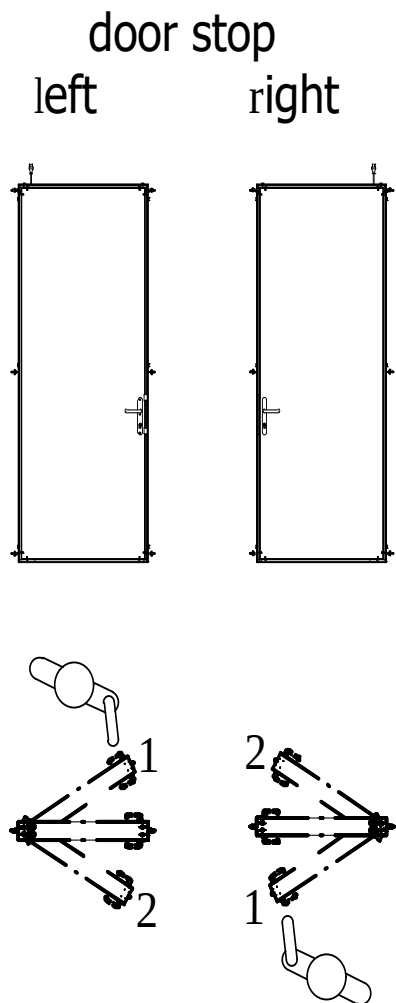
Detail "A" Frame corner



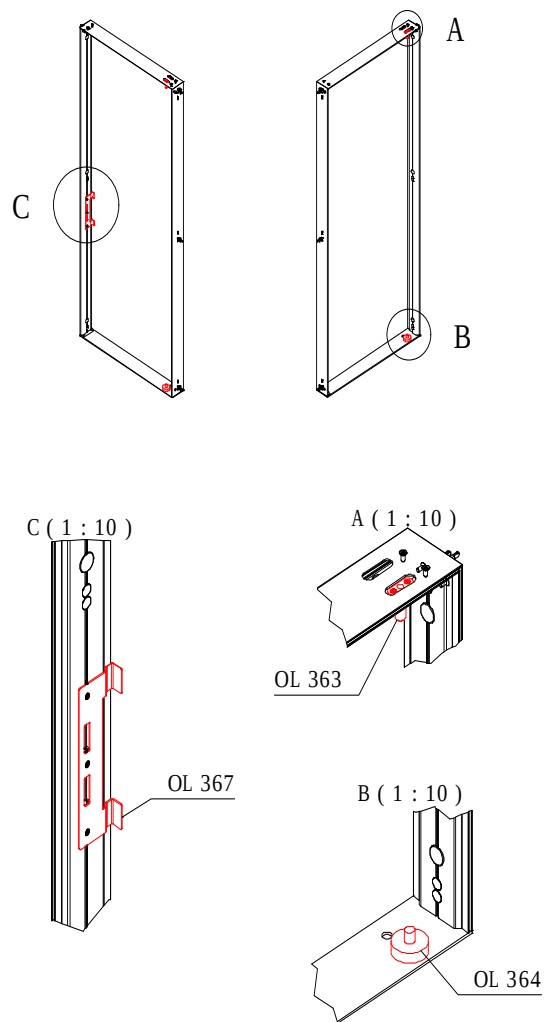
Fabric installation light separation corner



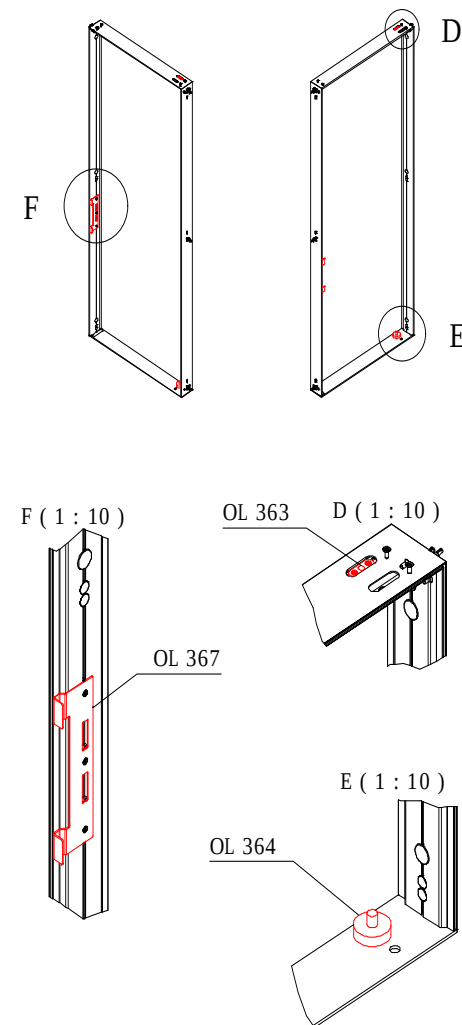
Parts list frame components			
Pos	Amount	Article no.	Description
1	2	M 1901	Profile 1 horizontal
	2	M 1901	Profile 2 horizontal
	2	M 1901	Profile 3 horizontal
	2	M 1901	Profile vertical
	3	M 1208	Strut
7	2	M 1208	Strut horizontal
	8	Z 965	Internal corner connector
9	10	Z 961/8	Tension lock
10	2	OL 290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



1 open by "pulling"

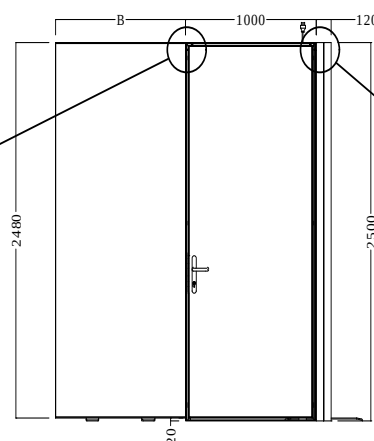
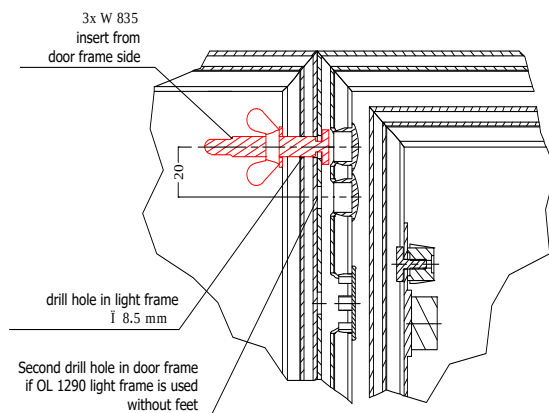


2 open by "pushing"

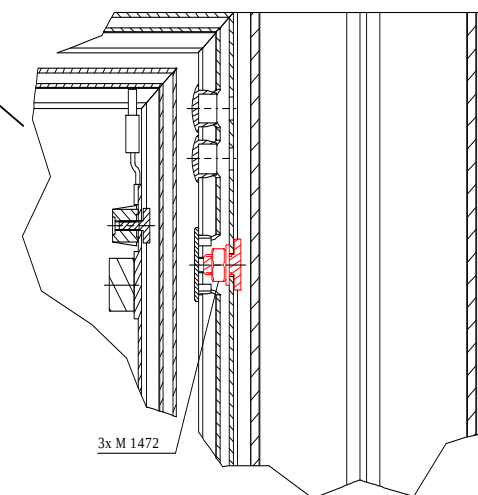


TI-OL-1.7 E-000639-0010A-T01 A In Bearbeitung

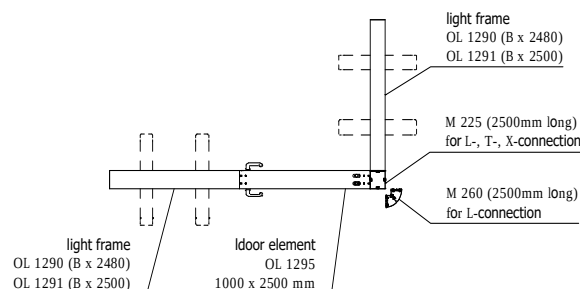
connection light frame OL 1290 - door frame



connection door frame - extrusion M 225 / M 260

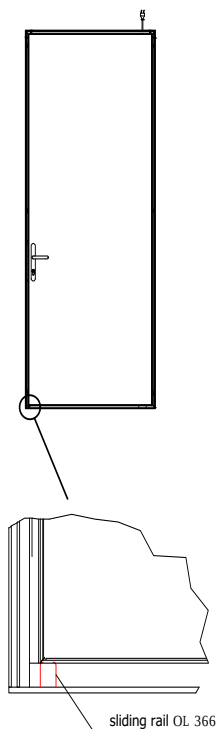


Please note!
When using OL 1290 light frame **without** feet, there is a height offset of 20 mm **at the top** between the OL 1290 light frame and the door frame of the OL 1295 door element.
To avoid this height offset, use the light frame OL 1291 with a height of 2500 mm instead of OL 1290.



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

sliding rail OL 366

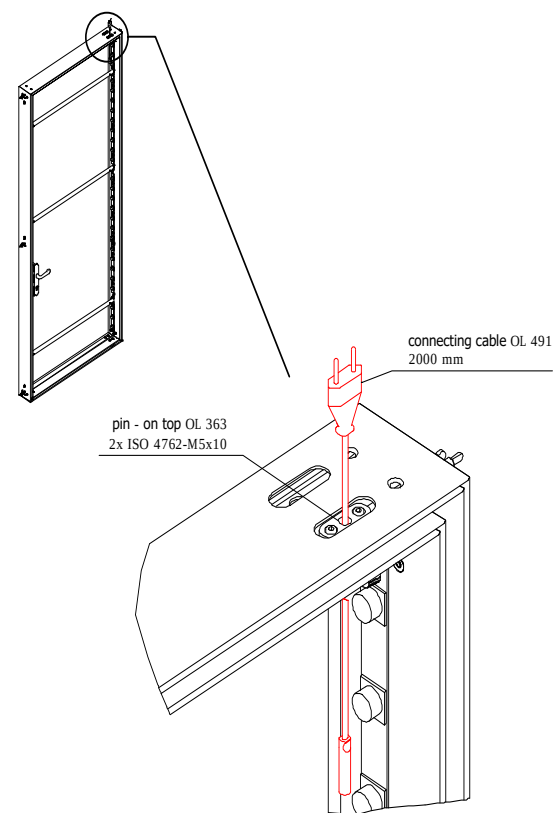


Slide rail OL 366 prevents the closed door from hanging askew in the door frame. This can be due to unstable installation conditions of the frame and the door's weight.

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



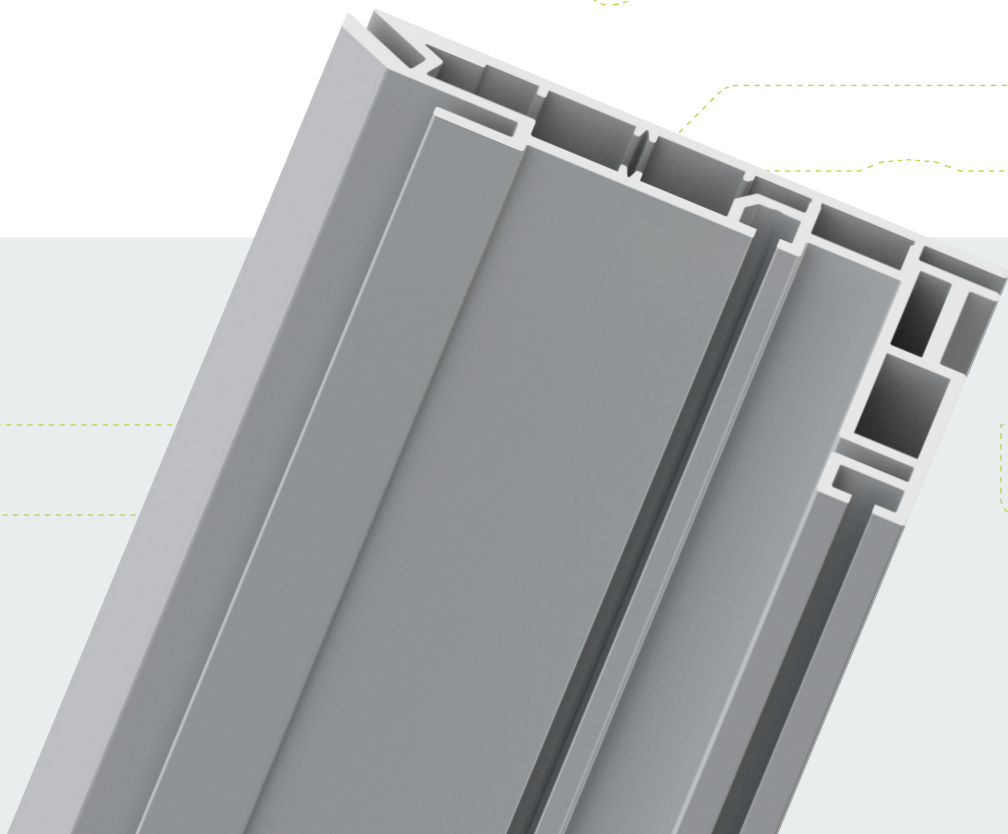
Power is supplied to the door via the OL 491 connecting cable. First insert the door into the frame and fix it in place using the upper hinge pin OL 363 and two cylinder screws M5x10. Then push the round plug of connecting cable OL 491 through the drill hole in the hinge pin and connect it to the power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

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

octalumina plus

» Technics 11/25

Light frames for room design

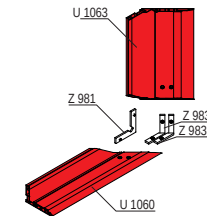
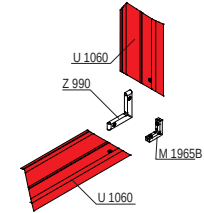


➤ Contents

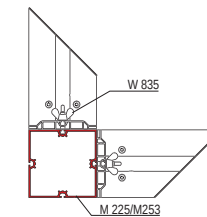
➤ **octalumina plus**

➤ Basic parts	124
➤ Accessories	131
➤ Doors	133
➤ Electrical parts	135
➤ technical information	147

octalumina plus



Technical drawing of a circular part. The outer diameter is 120. The inner hole has a diameter of 4.3. The drawing shows the part with a central hole and a dashed circle indicating the outer boundary.



Basic parts

octalumina plus

Square extrusion

L 6000 × W 120 × H 120 mm
6000 mm long

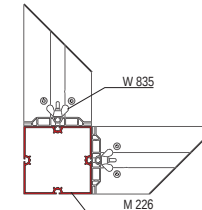
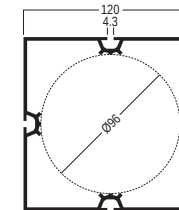


M 226.01

aluminium

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

L 6000 × W 120 × H 120 mm | 22.708 kg



Corner upright

90°
without W 2850

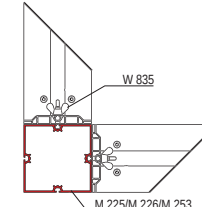
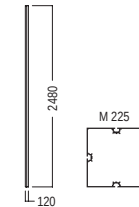


M 253.01

aluminium

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

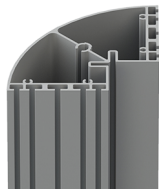
L 120 × W 120 × H 2480 mm | 9.568 kg



Attention: without adjustable foot W 2850

Corner upright extrusion

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

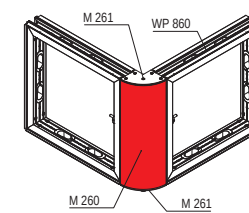
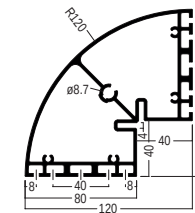


M 260.01

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



Basic parts

octalumina plus

Fixing set

for OCTAlumina plus frames
M6 × 40 mm

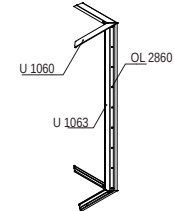
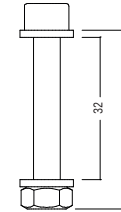


OL 2860.37

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

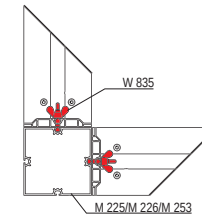
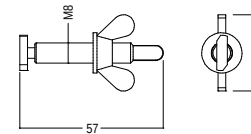


W 835.37

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

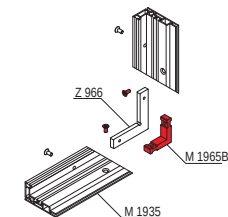
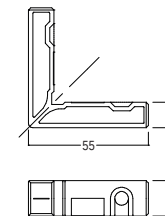


M 1965B.00

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

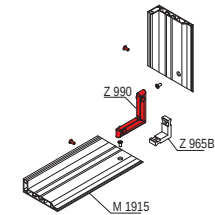
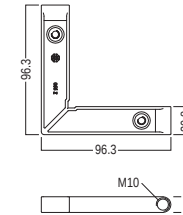


Z 990.00

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

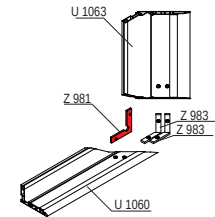
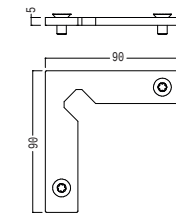


Z 981.37

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

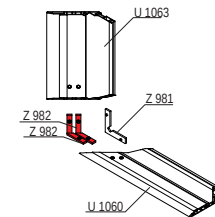
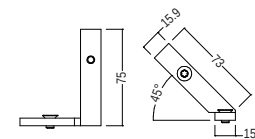


Z 982.00

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



Insert in frame: lower left corner and upper right corner

Basic parts

octalumina plus

Corner connector

90°, right
for extrusion U 1060 / U 1063

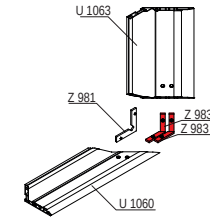
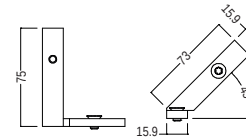


Z 983.00

steel

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

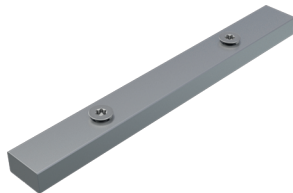
L 75 × W 73 × H 5 mm | 0.035 kg



Insert in frame: lower right corner and upper left corner

Internal connector

straight
lock chamber 21 × 12 mm

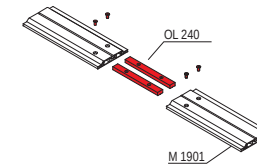
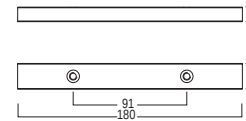


OL 240.00

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

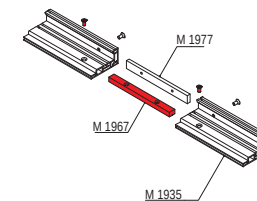
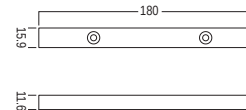


M 1967.00

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

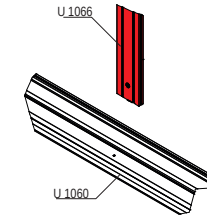
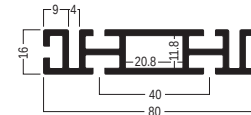


U 1066.85

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

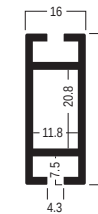


Z 4400.01

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

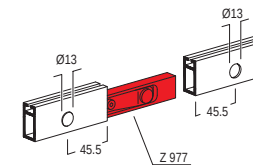
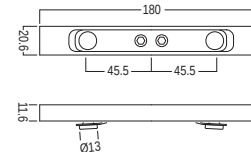


Z 977.90

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

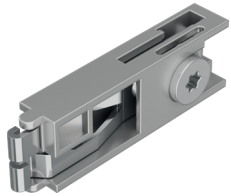


Basic parts

octalumina plus

Tension lock

13 mm
L 70 × W 21 × H 13 mm

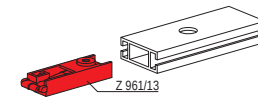
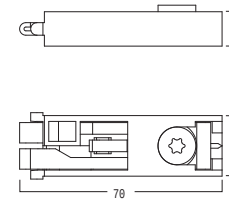


Z 961/13.00

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

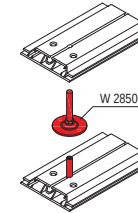
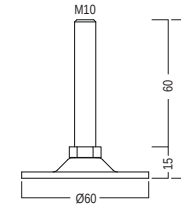


W 2850.37

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

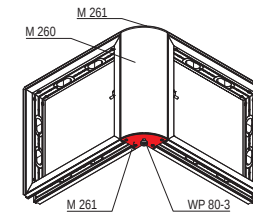
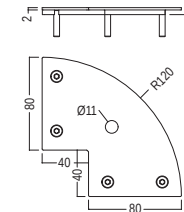


M 261.21

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

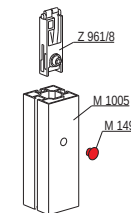
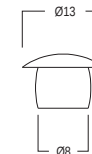


M 1491.35

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

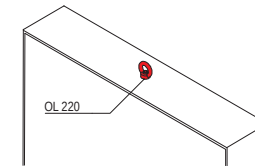
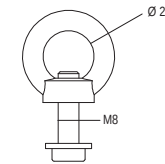
opening 20 mm dia.
for ceiling suspension



OL 220.37

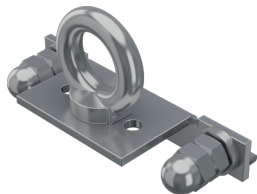
steel

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



Universal retainer

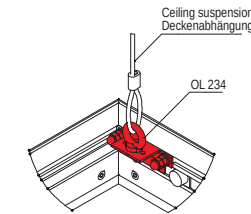
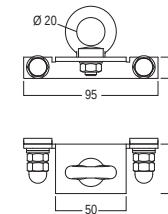
ceiling suspension/wall mount
for extrusions M 1915/M 1935



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

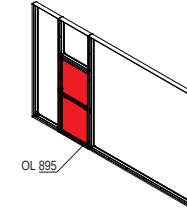
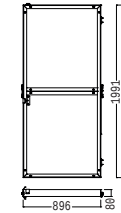


OL 895.90

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!

fabric dimensions = outer frame dimensions

Door

up to 3000 mm height
for single sided illumination

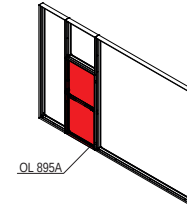
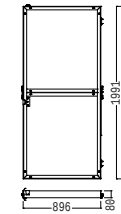


OL 895A.90

aluminium

door element, for walls up to 3000 mm height, incl. single sided 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 | 14.54 kg



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

fabric dimensions = outer frame dimensions

Door

up to 5000 mm height
for single sided illumination

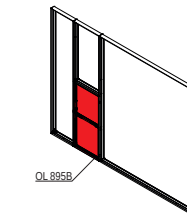
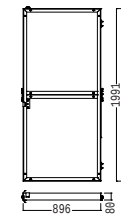


OL 895B.90

aluminium

door element, for walls up to 5000 mm height, incl. single sided 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 | 14.68 kg



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

fabric dimensions = outer frame dimensions

↗ Doors

octalumina plus

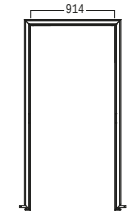
Door frame

W 1046 × H 2066 × D 80 mm

OL 897.90

aluminium

W 1046 × H 2066 × D 80 mm | 10.27 kg

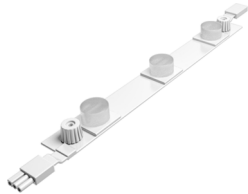


Electrical parts

octalumina plus

LED module

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

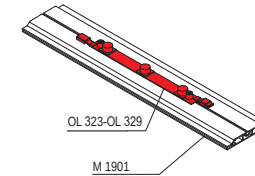
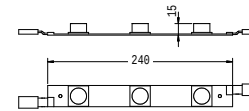


OL 323.90

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

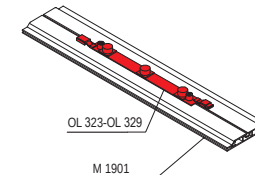
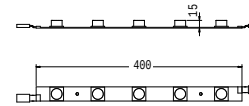


OL 325.90

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

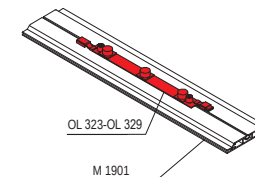
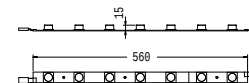


OL 327.90

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

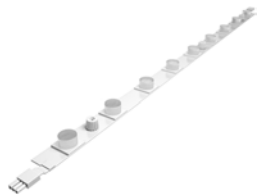


Electrical parts

octalumina plus

LED module

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

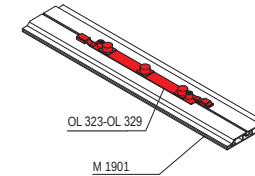
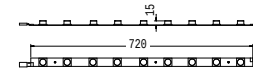


OL 329.90

aluminium/plastic

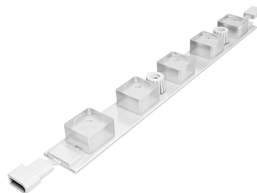
9 LEDs per unit, 19,52 W / 24 V, 6500 K, 2300 lumen, with wiring for connecting to the power supply unit, incl. 2 × fixing set OL 252

L 720 × W 28 × H 15 mm | 0.142 kg



LED module

5 LEDs
1554 lm / 15 W / 24 V

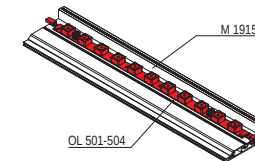
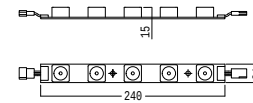


OL 501.90

plastic

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

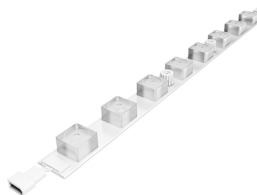
L 240 × W 24 × H 15 mm | 0.15 kg



up to 5000 mm frame height

LED module

8 LEDs
2552 lm / 24 W / 24 V

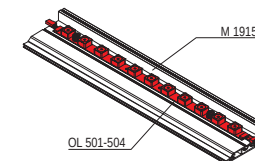
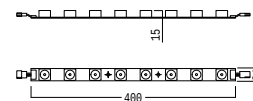


OL 502.90

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



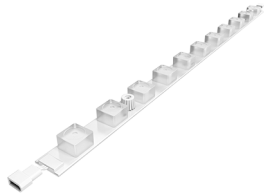
up to 5000 mm frame height

Electrical parts

octalumina plus

LED module

11 LEDs
3540 lm / 33 W / 24 V

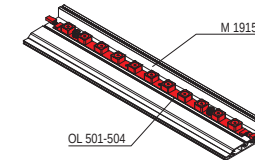
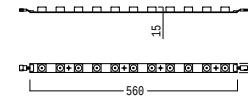


OL 503.90

plastic

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

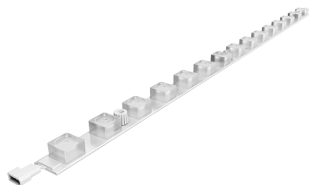
L 560 × W 24 × H 15 mm | 0.158 kg



up to 5000 mm frame height

LED module

15 LEDs
4604 lm / 45 W / 24 V

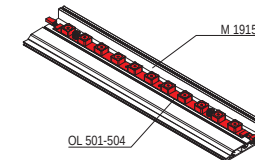
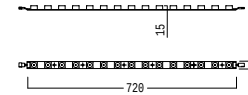


OL 504.90

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

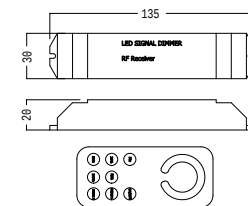


OL 182.90

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

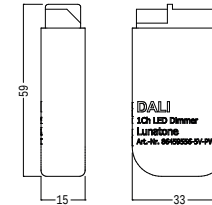


OL 183.90

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)

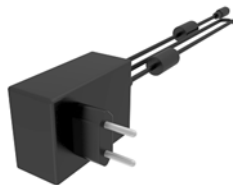
L 59 × W 33 × H 15 mm | 0.017 kg



! only in combination
with OL 323 - OL 329

Power supply

36 W
for LEDs

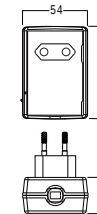


OL 191.90

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

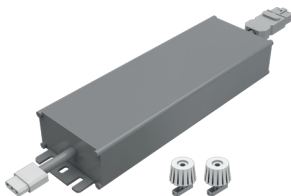
L 79 × W 54 × H 33 mm | 0.209 kg



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

Power supply

60 W
for LEDs

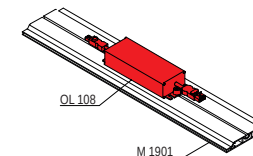
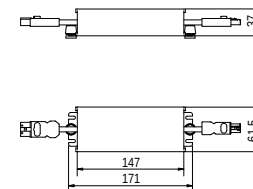


OL 108.90

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



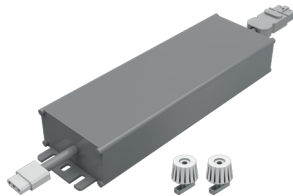
! max. load only up to 48
W recommended for
long life span of the
LED power supply unit

Electrical parts

octalumina plus

Power supply

**100 W
for LEDs**

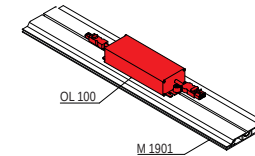
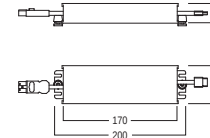


OL 100.90

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

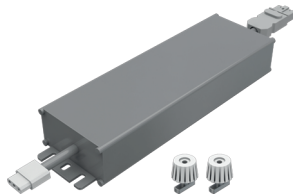
L 200 × W 65 × H 39 mm | 0.921 kg



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

Power supply

**150 W
for LEDs**

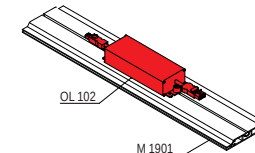
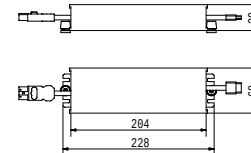


OL 102.90

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

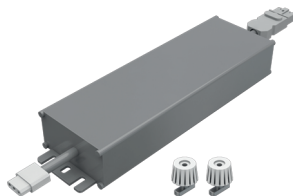
L 228 × W 68 × H 39 mm | 1.174 kg



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

Power supply

**240 W
for LEDs**

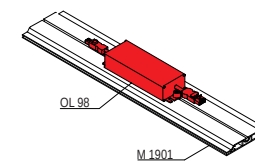
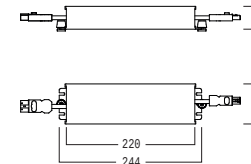


OL 98.90

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



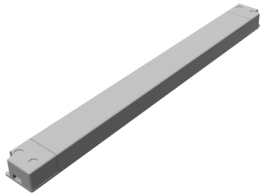
max. load only up to 192 W recommended for long life span of the LED power supply unit

Electrical parts

octalumina plus

Power supply

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

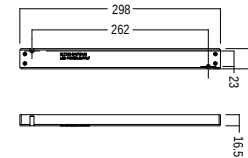


OL 104/1.90

plastic

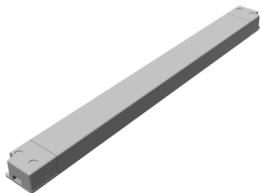
for installation in OCTAlumina 40/80/120 frames, Input: 200-240 V AC, 50/60 Hz, 0.95 A, Output: 24 V DC, 4,17 A, 100 W

L 298 × W 30 × H 16.5 mm | 0.221 kg



Power supply

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

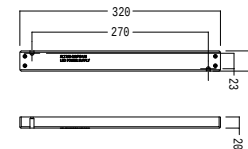


OL 106/1.90

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

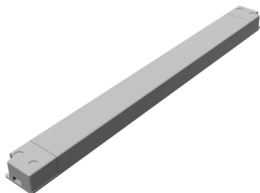
L 320 × W 30 × H 22 mm | 0.243 kg



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

Power supply

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

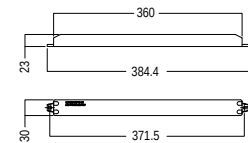


OL 206/1.90

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



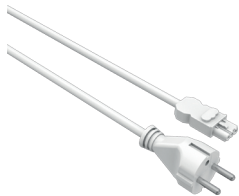
Only suitable for 230 volts! Not for USA and Canada!

Electrical parts

octalumina plus

Power cable

for LED PSU
2000 mm long

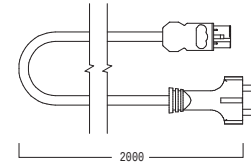


OL 122.90

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 mm²

2000 mm long | 0.277 kg



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

Connecting cable

external, 24V
1000 mm long

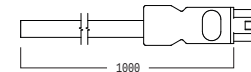


OL 139.30

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



i 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



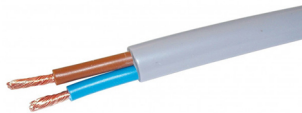
i after cutting the cable
to size the female plug
OL 149 has to be
mounted on the other
side

Electrical parts

octalumina plus

Connecting cable

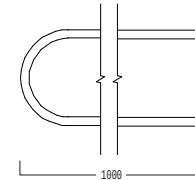
2-wire
1000 mm long



OL 359-1.90

plastic, white

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



Extension cable

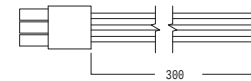
internal, 24 V
300 mm long



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

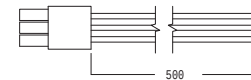
internal, 24 V
500 mm long



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

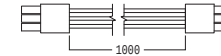


OL 135-1.90

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

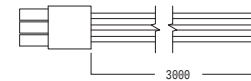


OL 137-1.90

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

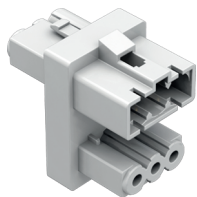
3000 mm long | 0.11 kg



! 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

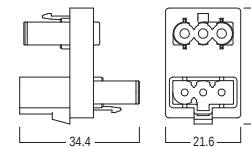


OL 142.90

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

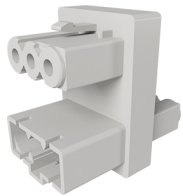


Electrical parts

octalumina plus

Distributor block

250 V/16 A
for 3 × PSU

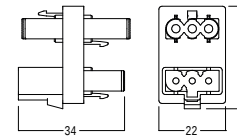


DL 142.90

plastic, white

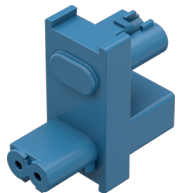
for connecting 3 power supply units to 2 m power cable OL 122, 1 input / 3 output, 3 poles, 250 V/16 A

L 36 × W 22 × H 33 mm | 0.016 kg



Distributor block

24V / 16A
for 2 × LED module

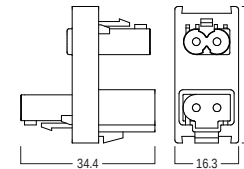


OL 150.30

plastic

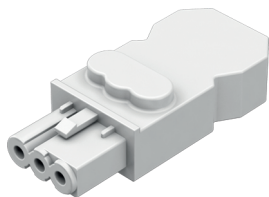
to be used in combination with OL 123 / OL 125 / OL 127 / OL 129, 2 poles, 1 input / 2 output, 24V / 16A

L 35 × W 34 × H 16 mm | 0.006 kg



Female connector

250V / 16A
for DIY assembly

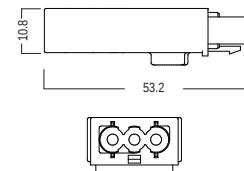


OL 144.30

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

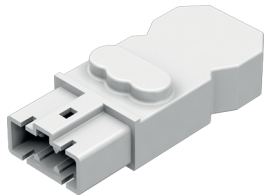


Electrical parts

octalumina plus

Male plug

250V / 16A
for DIY assembly

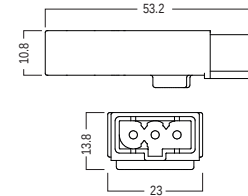


OL 146.30

plastic, white

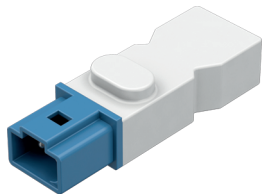
for DIY assembly of OL 98 / OL 100 / OL 102 / OL 104 / OL 106 / OL 108 PSUs, 3-pole, with strain relief, 250V / 16A

L 53 × W 23 × H 14 mm | 0.025 kg



Male plug

24V / 16A
for DIY assembly

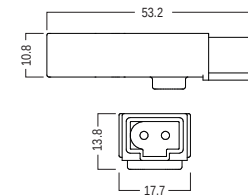


OL 148.90

plastic

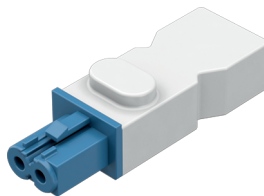
for DIY assembly of 24 V OL 135-1 / OL 137-1 connection cable, 2-pole, with strain relief, 24V / 16A

L 53 × W 18 × H 14 mm | 0.008 kg



Female connector

24V / 16A
for DIY assembly

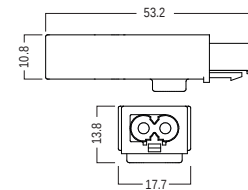


OL 149.90

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

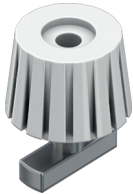


Electrical parts

octalumina plus

Fixing set

for LEDs / PSU
L 14 × W 14 × H 12 mm

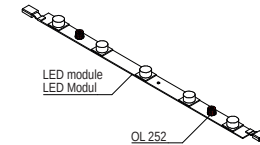
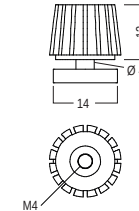


OL 252.90

steel/plastic

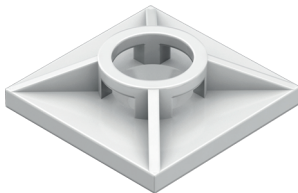
for mounting OL 123 / OL 125 / OL 127 / OL 129 LED modules and
OL 98 / OL 102 / OL 108 power supply units on frame extrusion

L 14 × W 14 × H 12 mm | 0.004 kg



Adhesive base

100 pcs
for cable ties OL 255

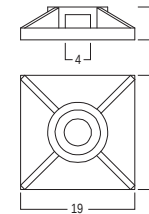


OL 254.90

plastic, white

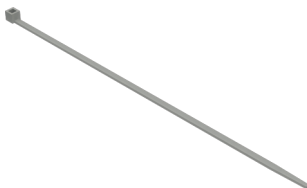
for wire management with wire ties OL 255 (not included), max.
width wire ties 4 mm, packaging unit 100 pcs.

L 19 × W 19 × H 5 mm | 0.071 kg



Cable tie

100 pcs
L 155 × W 2.5 mm

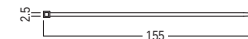


OL 255.90

plastic, white

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

L 155 × W 2.5 mm | 0.051 kg



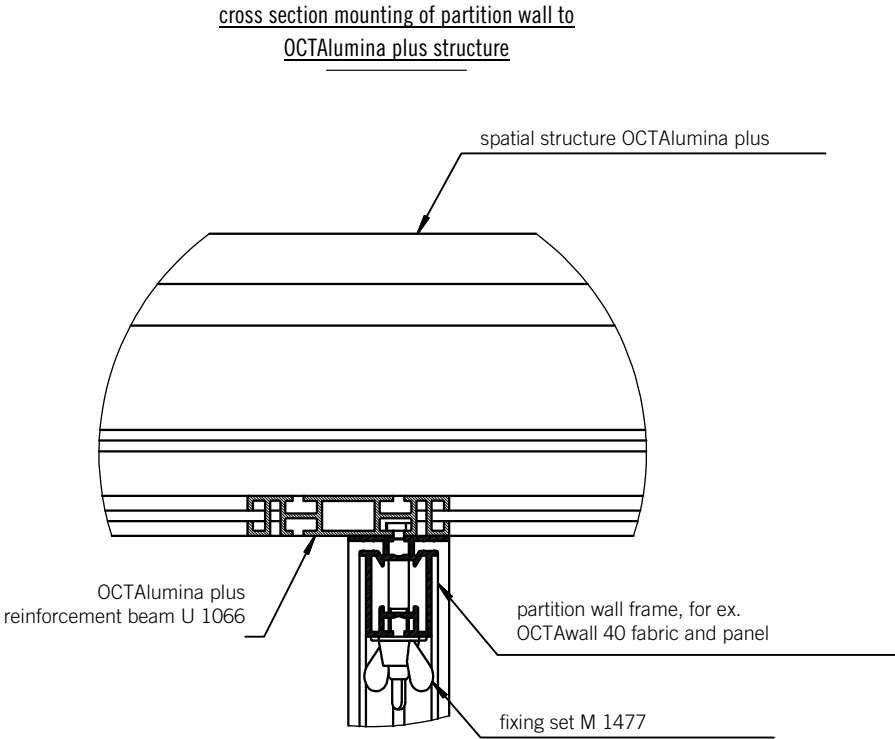
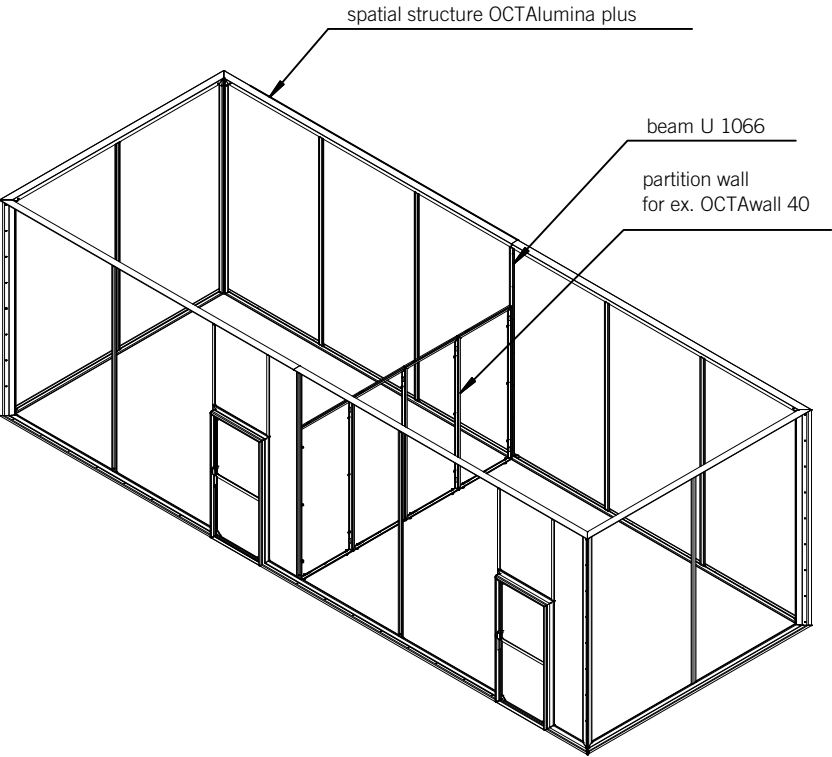
➤ technical information

➤ M-OL-0.7	
User Manual Dimmer OL 182	
➤ M-OL-4.0	149
octalumina plus installation partition wall	
➤ M-OL-4.1	150
octalumina plus door assembly instructions	
➤ TI-OL-0.9	157
octalumina electrical connection DALI LED Dimmer OL 183	
➤ TI-OL-1.2.0	158
octalumina 120, 80 and plus Electrical connection diagram 3 m LED slim	
➤ TI-OL-1.2.1	159
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octalumina 120 illuminated door OL 1295	
➤ TI-OL-5.2	
octalumina Dimmer OL 182 User Manual	
➤ TI-OL-6.0	165
octalumina plus bracing of frame	

➤ **TI-OL-6.3**

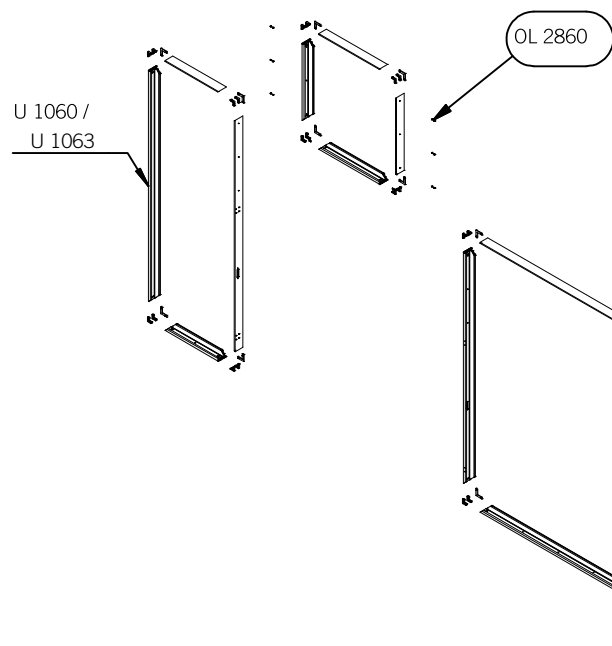
octalumina plus RFID access system for OL 895

166

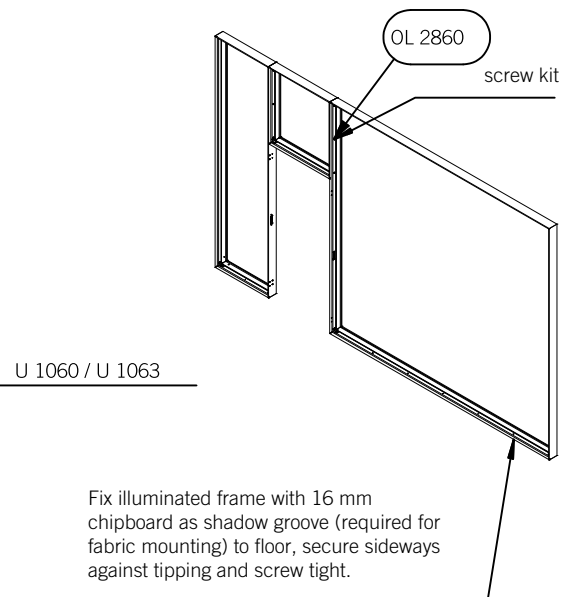


M-OL-4.0

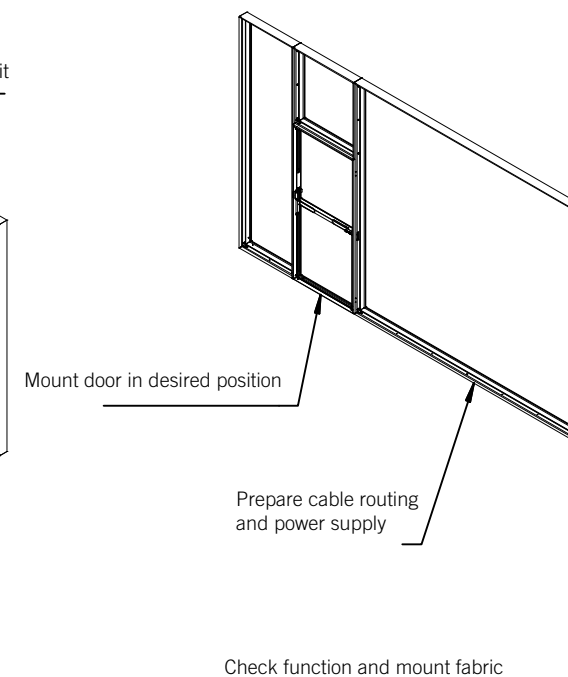
1. Assembly of all frames according to markings



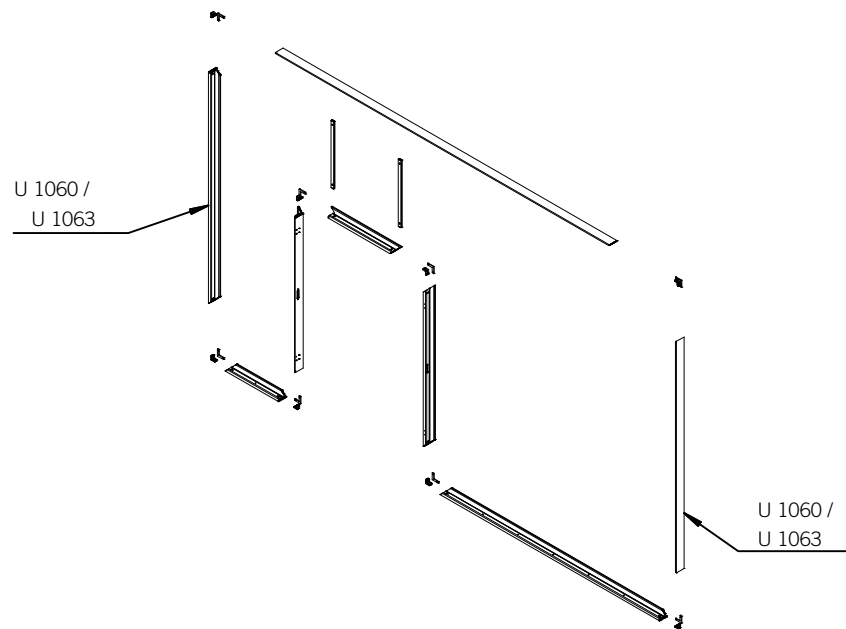
2. Connection of frames



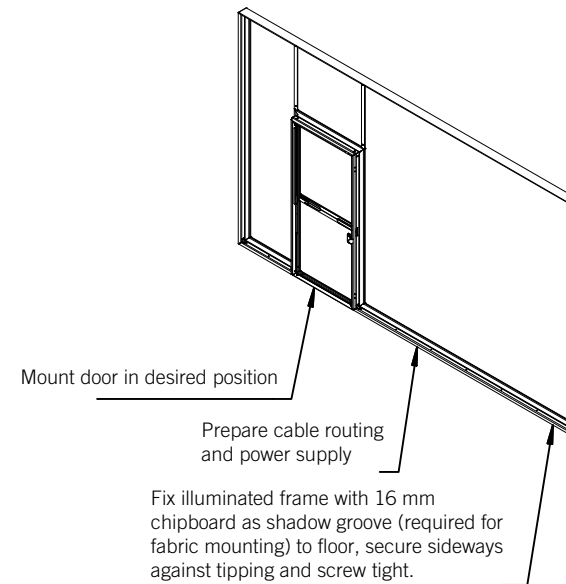
3. Mounting of door



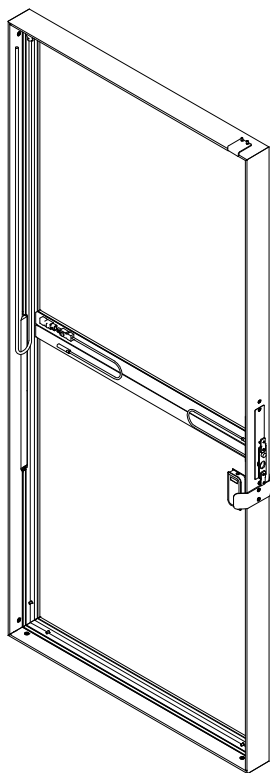
1. Assembly of all frames according to markings



2. Connection of frames



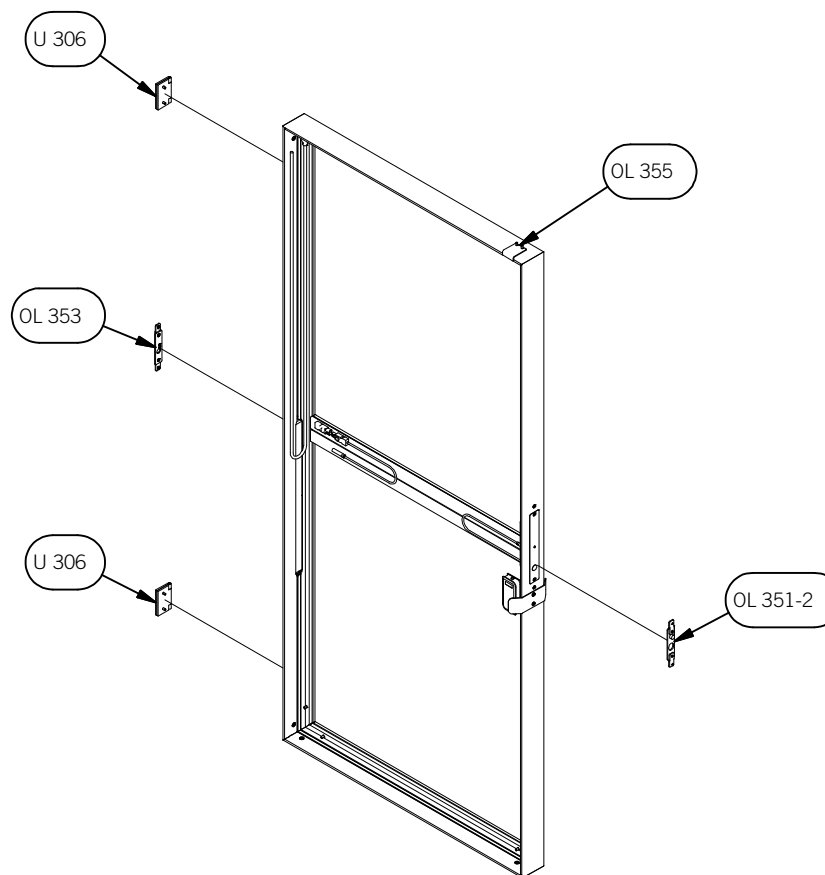
Check function and mount fabric



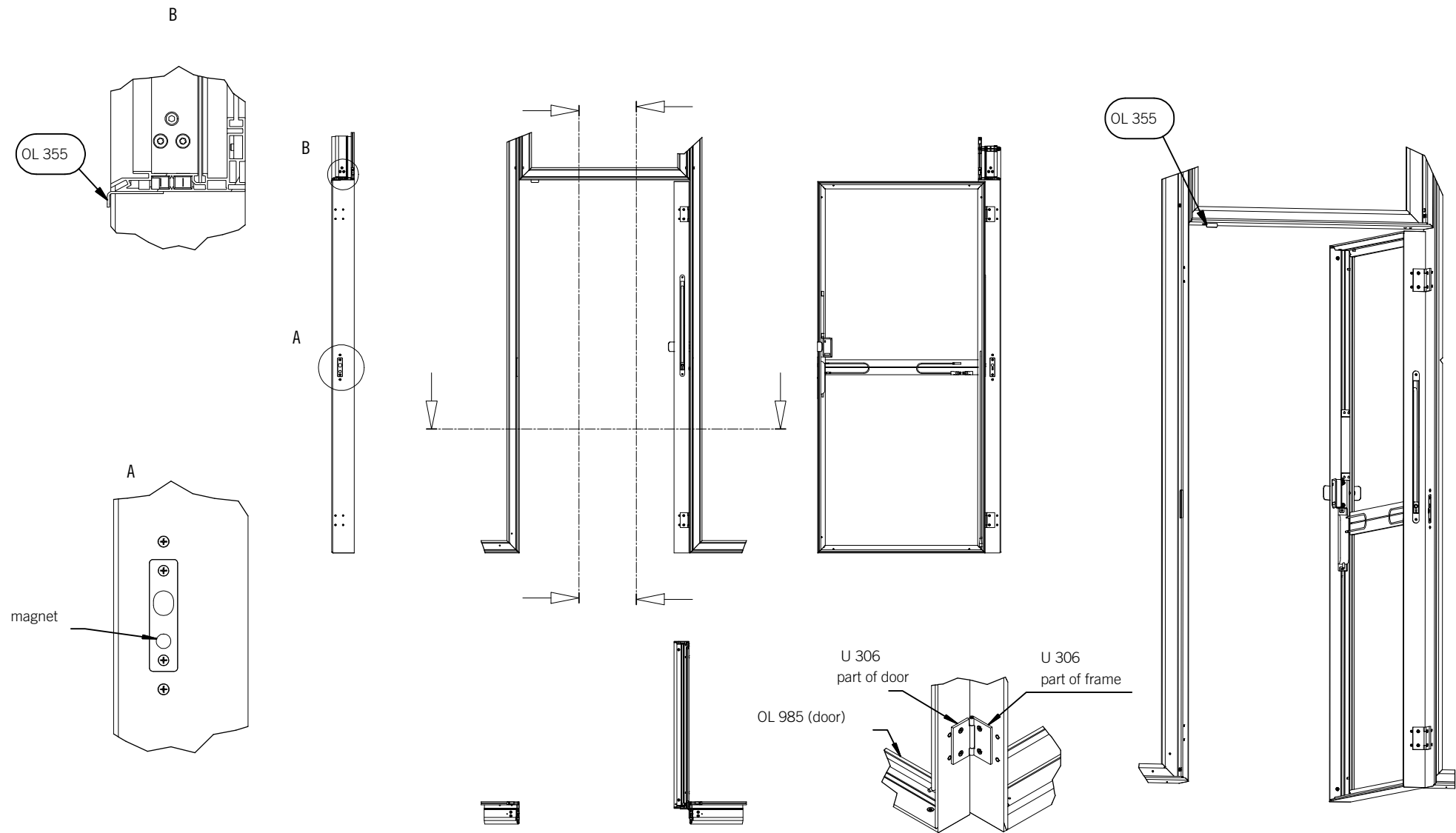
The door can be mounted in different positions:

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

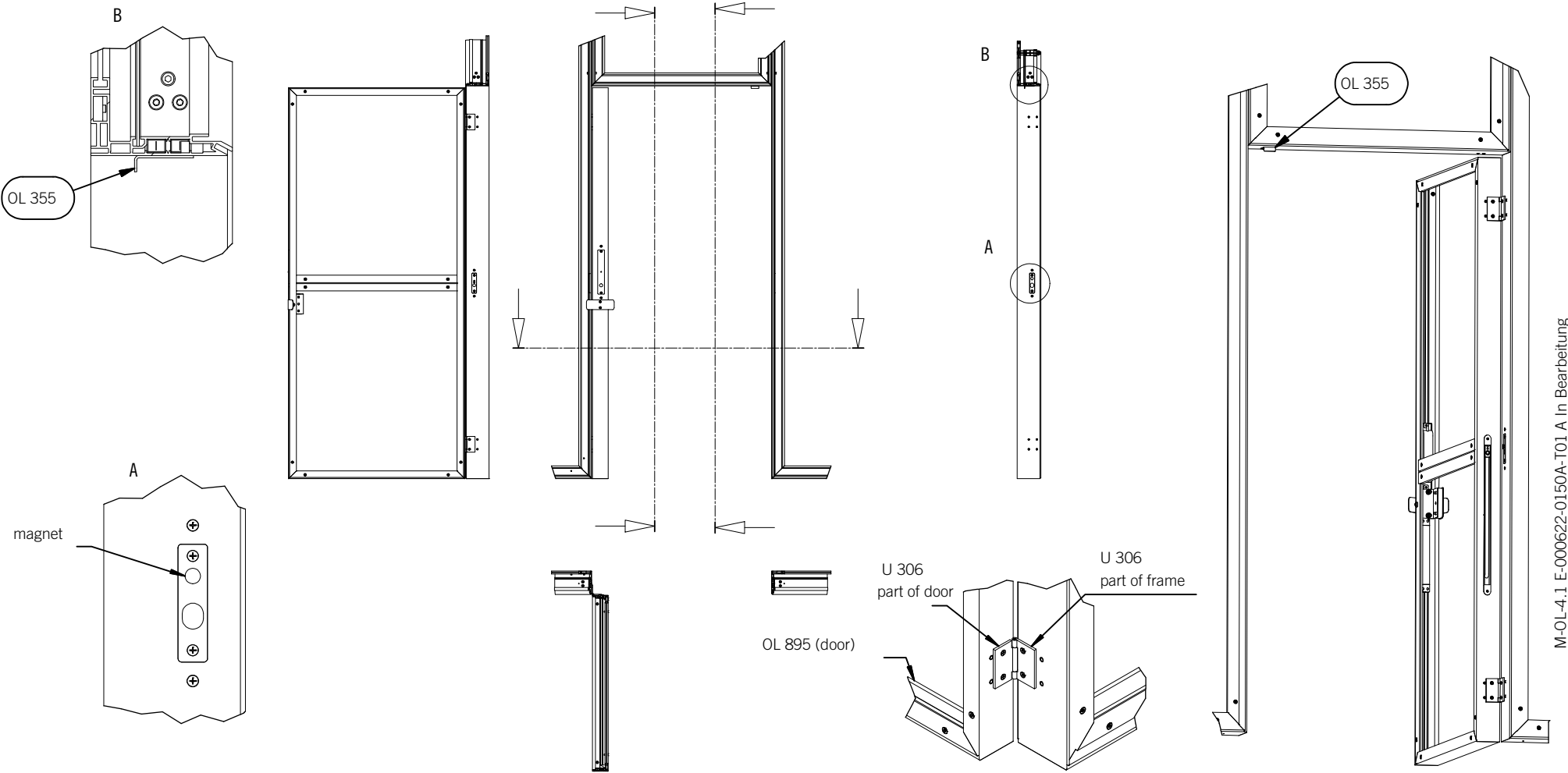
Door hinges and striker plates must be mounted accordingly



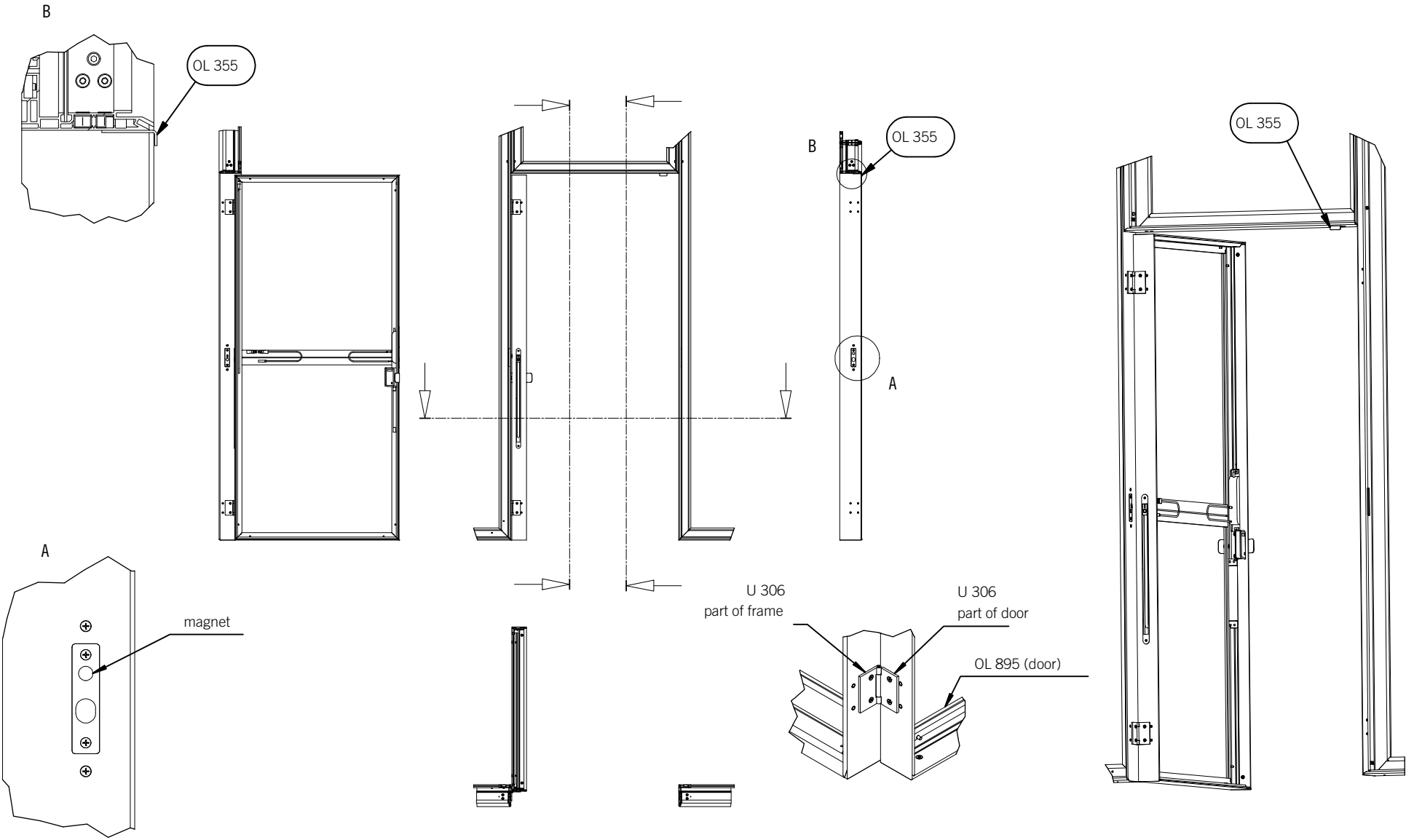
In each case, only unscrew the individual components (U 306, OL 353, OL 355 and OL 351-2) from the door frame and mount to match the desired function.



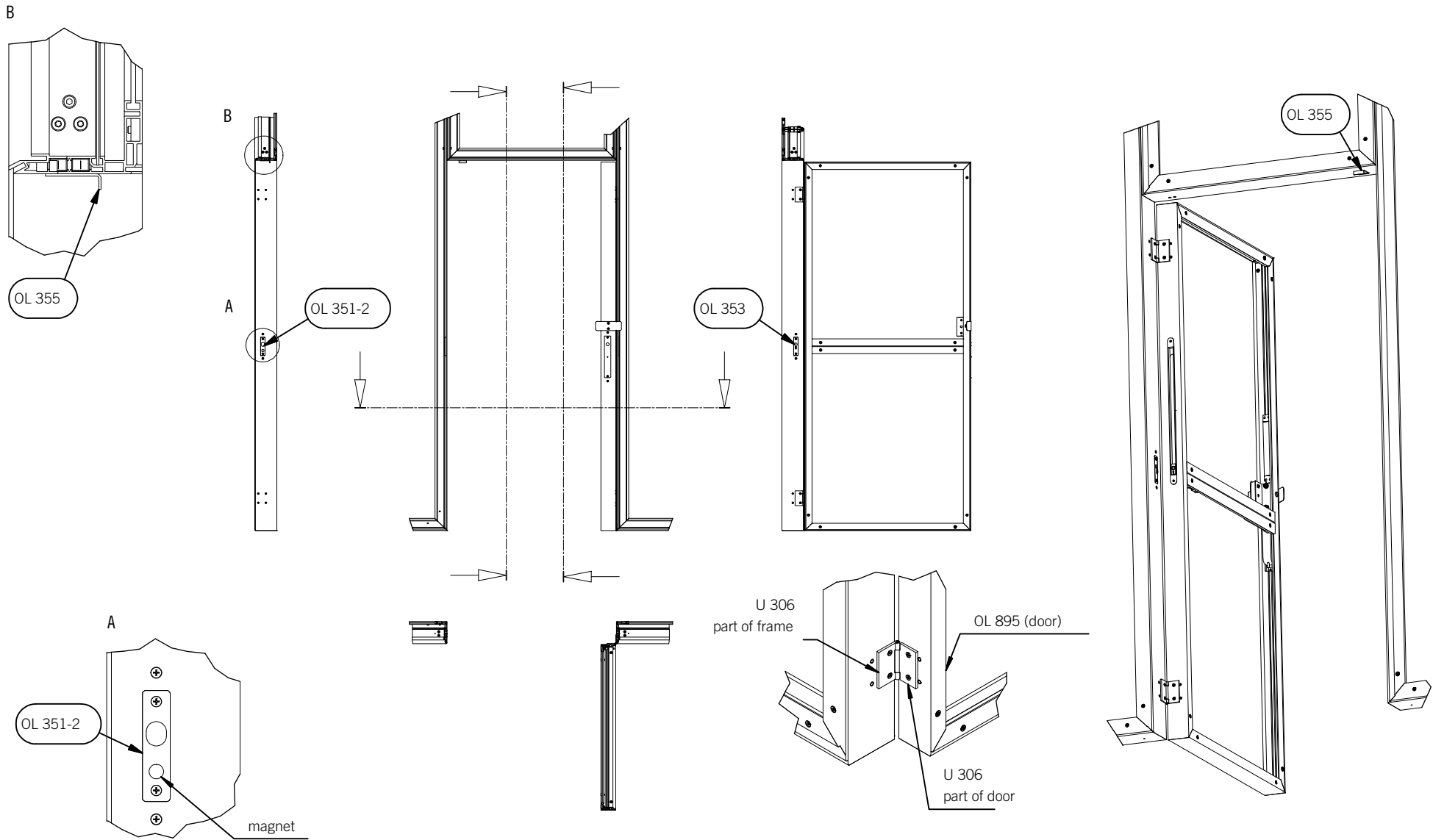
M-OL-4.1 E-000622-0150A-T01 A In Bearbeitung

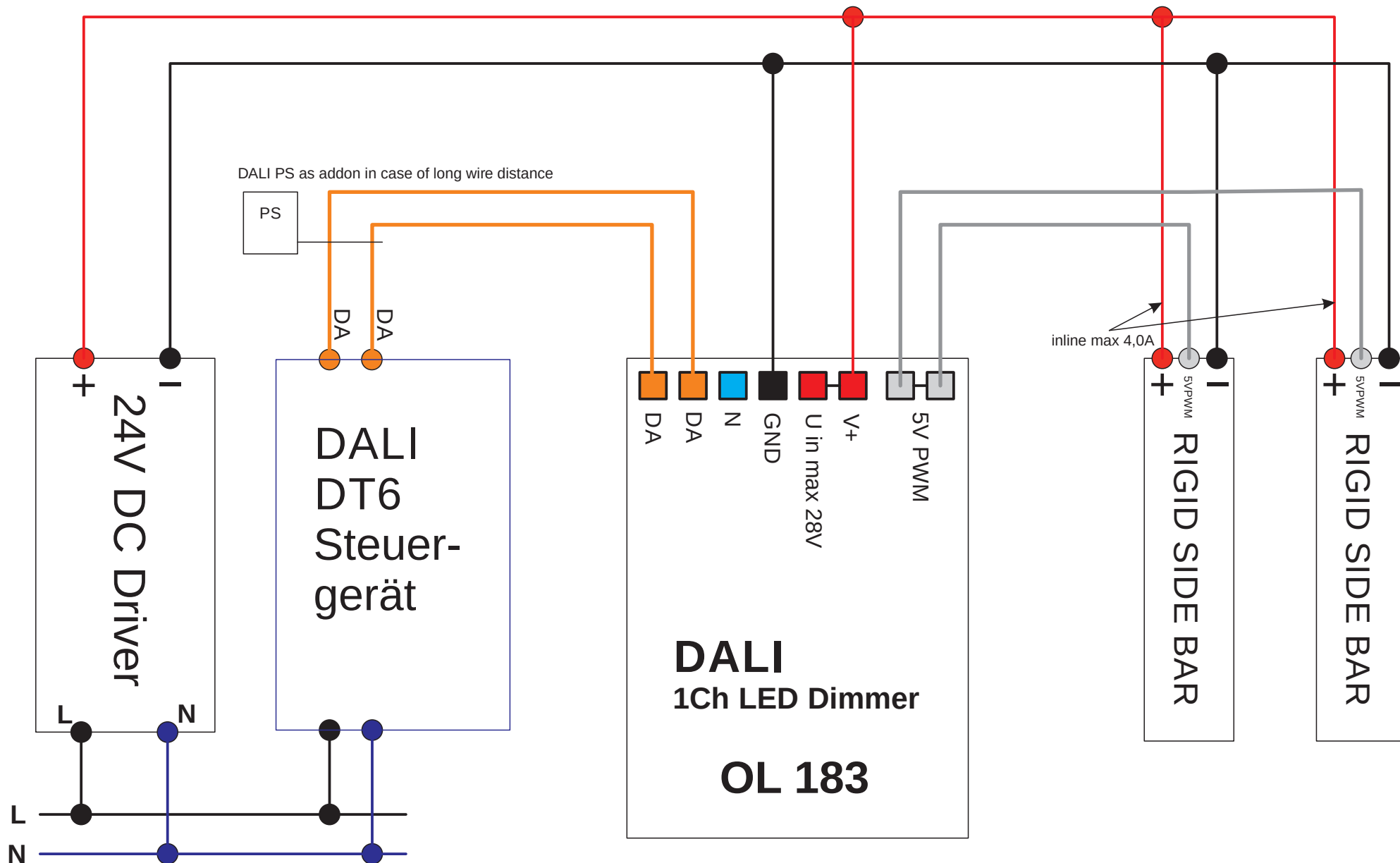


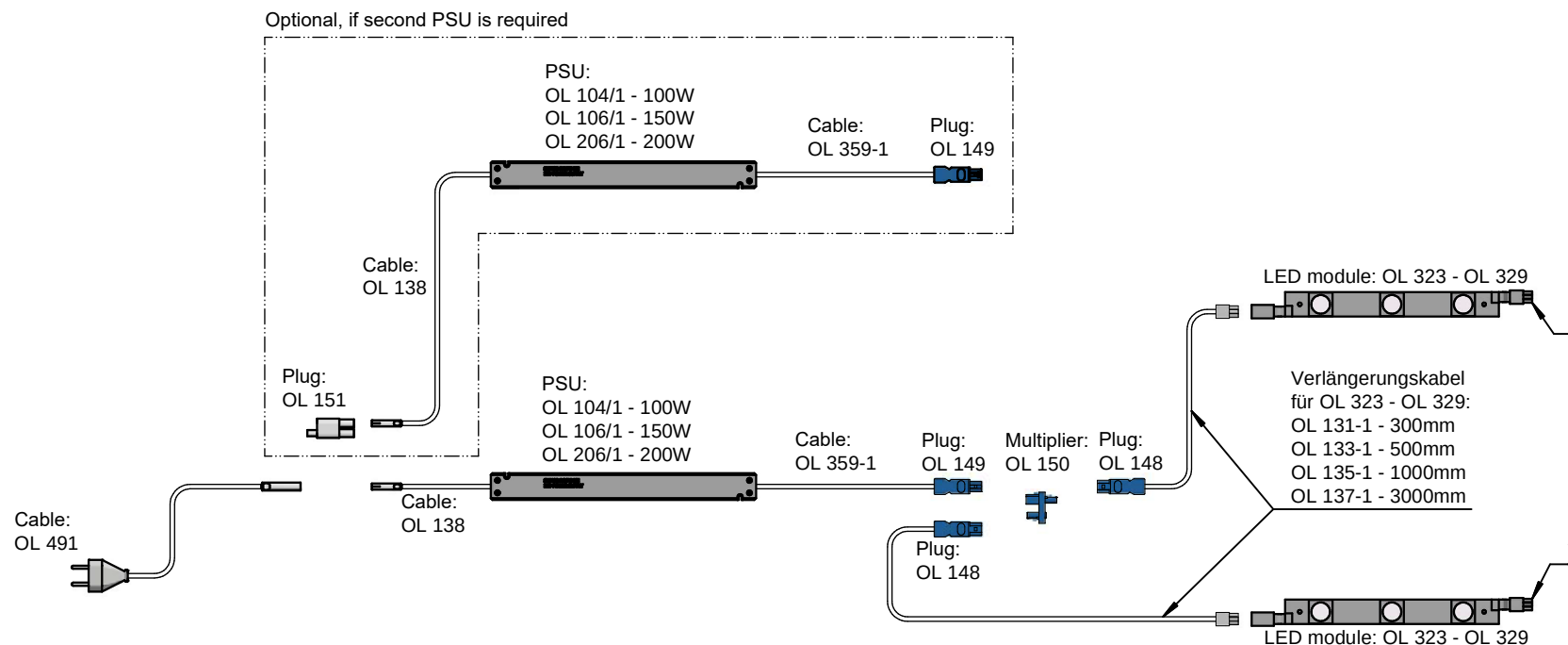
M-OL-4.1 E-000622-0150A-T01 A In Bearbeitung



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







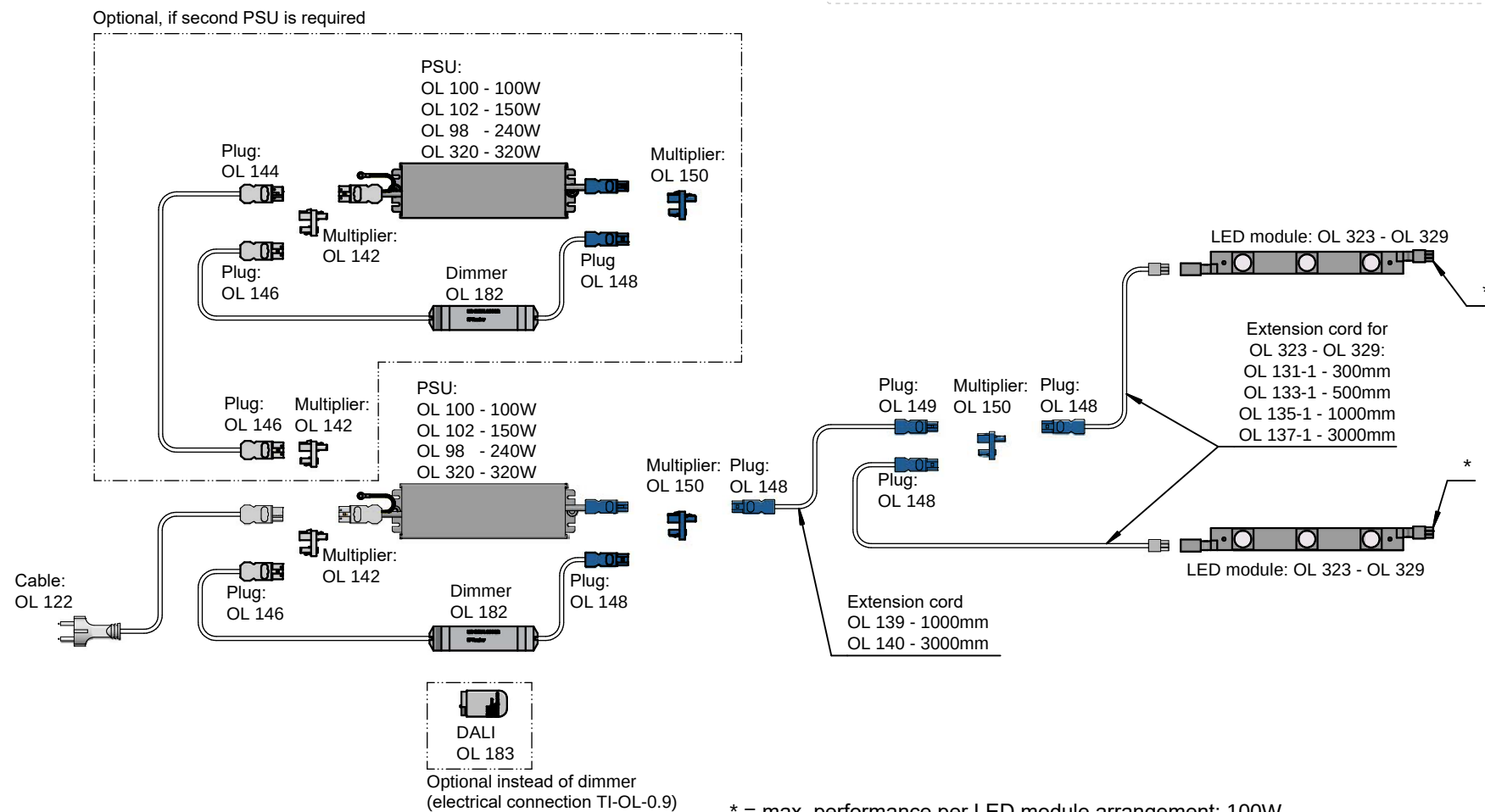
* = max. performance per LED module arrangement: 100W

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

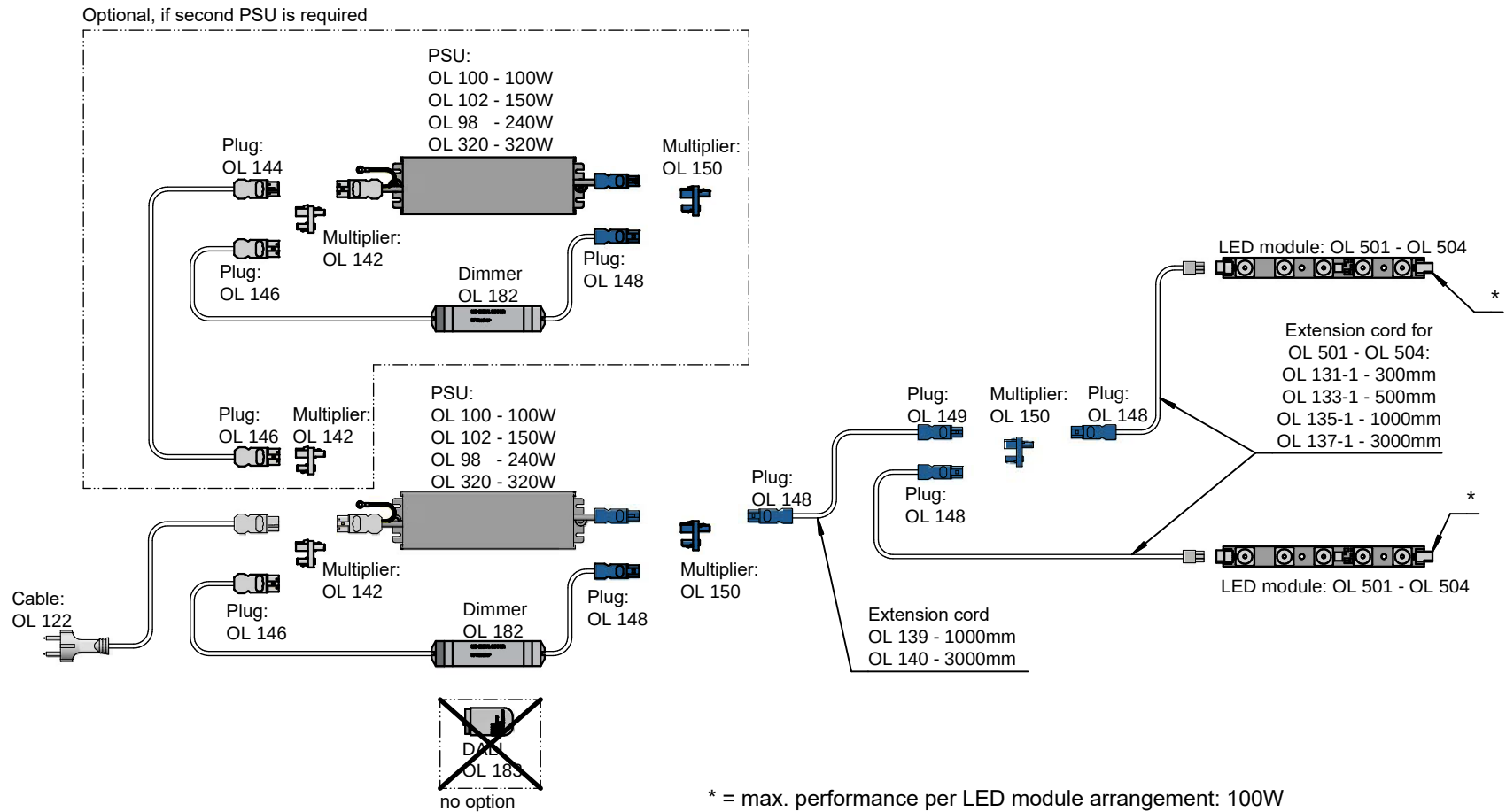


For longer life expectancy,
we recommend to only use
80% of the PSU's
maximum capacity.

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

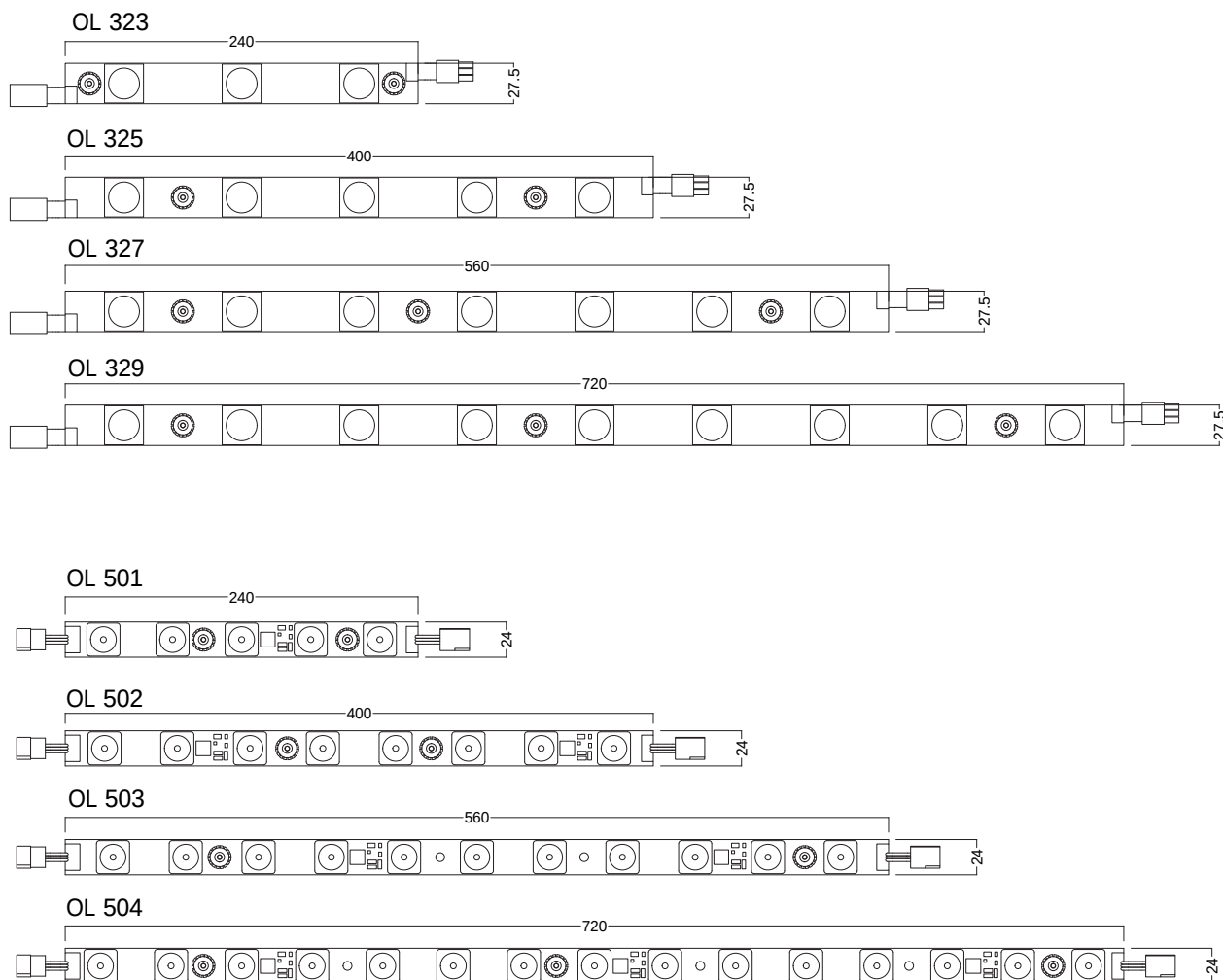
if the performance exceeds 100W, an additional infeed is necessary using extension cord OL 131-1 to OL 137-1 or OL 113-300 to OL 113-3000 (depends on type of LED module)

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

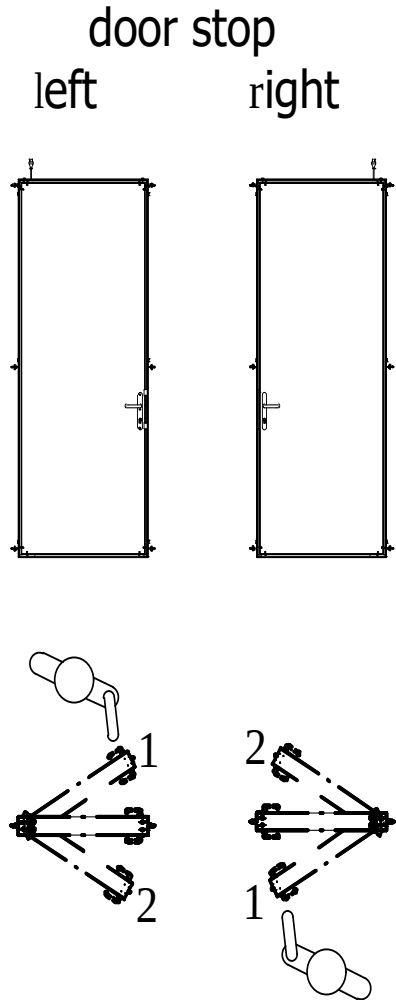
- OL 323 = 6,5 W / 750 LM
- OL 325 = 10,8 W / 1250 LM
- OL 327 = 15,12 W / 1750 LM
- OL 329 = 19,52 W / 2250 LM

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

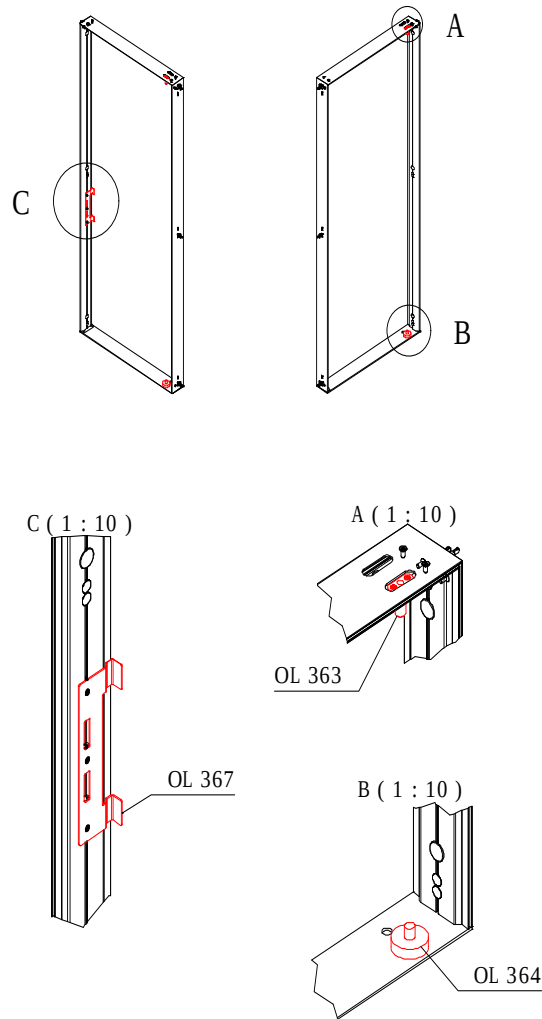
- OL 501 = 15,95 W / 1554 LM
- OL 502 = 26,40 W / 2552 LM
- OL 503 = 35,80 W / 3540 LM
- OL 504 = 48,60 W / 4604 LM

- 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

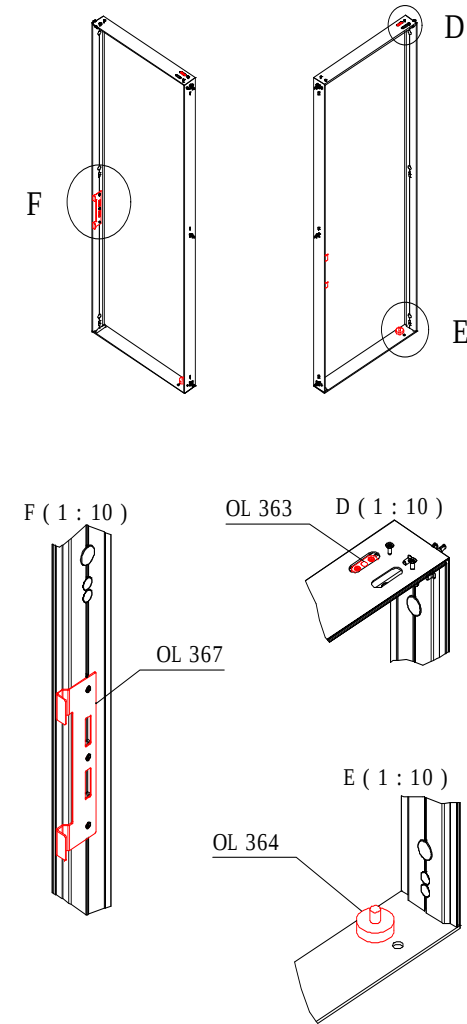
TIOL13B E-000575-2611A-000



1 open by "pulling"

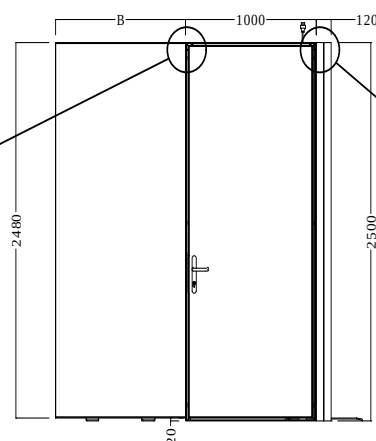
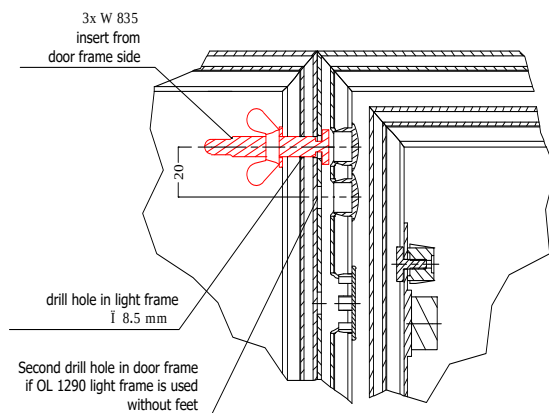


2 open by "pushing"

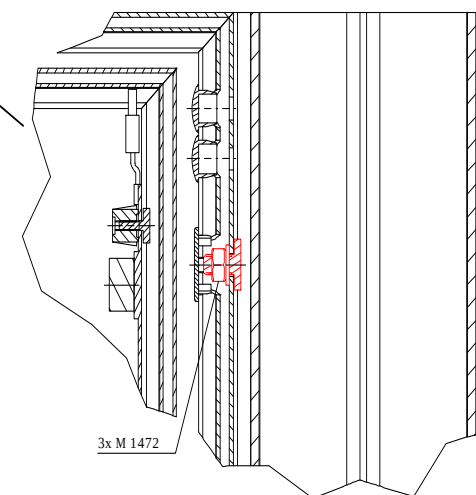


TI-OL-1.7 E-000639-0010A-T01 A In Bearbeitung

connection light frame OL 1290 - door frame



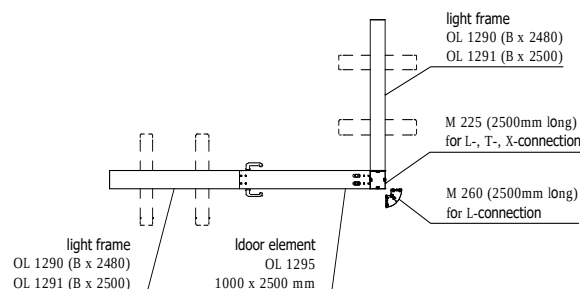
connection door frame - extrusion M 225 / M 260



Please note!

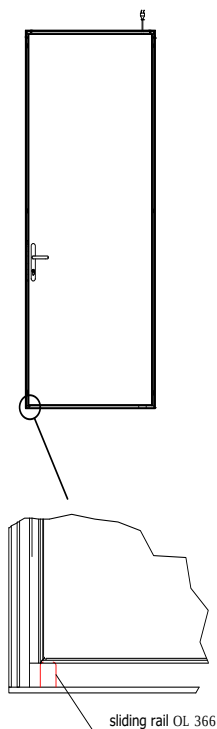
When using OL 1290 light frame **without** feet, there is a height offset of 20 mm **at the top** between the OL 1290 light frame and the door frame of the OL 1295 door element.

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

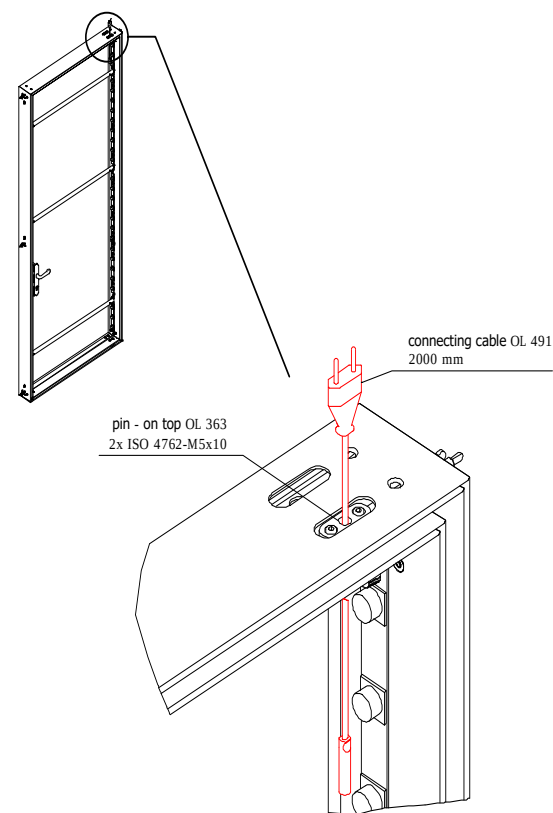


Slide rail OL 366 prevents the closed door from hanging askew in the door frame. This can be due to unstable installation conditions of the frame and the door's weight.

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

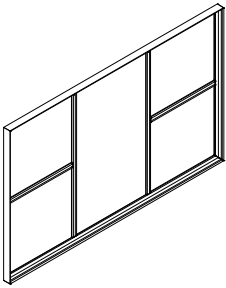
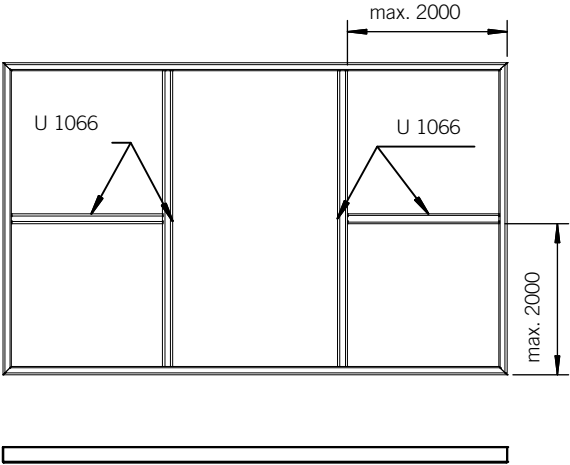


Power is supplied to the door via the OL 491 connecting cable. First insert the door into the frame and fix it in place using the upper hinge pin OL 363 and two cylinder screws M5x10. Then push the round plug of connecting cable OL 491 through the drill hole in the hinge pin and connect it to the power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

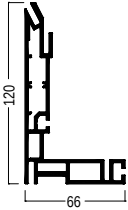
TI-OL-1.7 E-000639-0010A-T01 A In Bearbeitung

Frame type A

vertical U 1060
horizontal U 1060

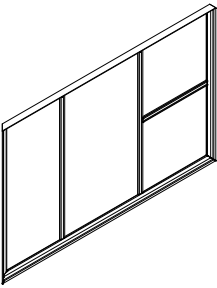
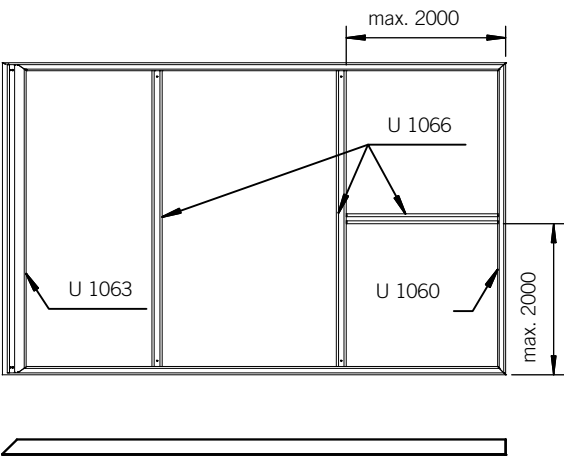


U 1060

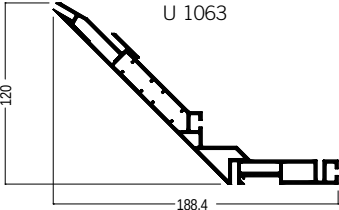


Frame type B

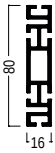
vertical U 1060 / U 1063
horizontal U 1060



U 1063

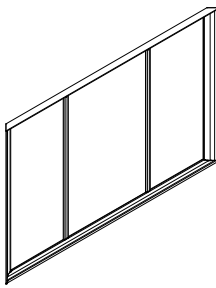
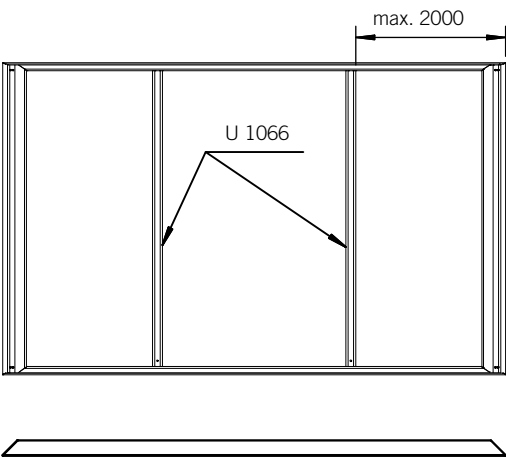


U 1066



Frame type C

vertical U 1063
horizontal U 1060

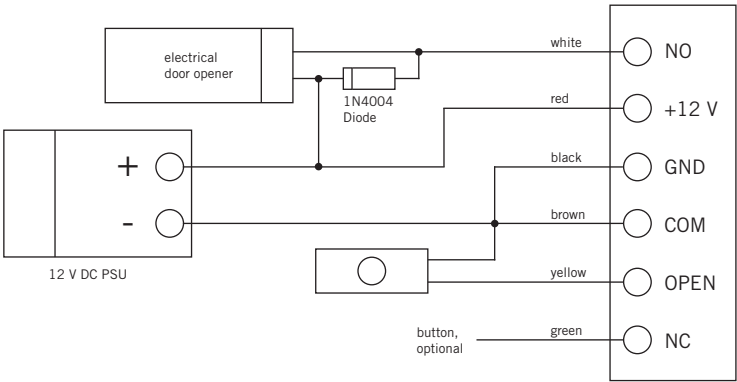


The distance between reinforcements U 1066 must not exceed 2000mm max. Vertically mounted U 1063 extrusions do not require horizontal reinforcements when connected to other frames.

Features:

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

Cabling:



WIRE COLOUR	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

TI-OL-6.3

General information:

- **IR Remote Control:** for programming your access system. Hold remote towards the LED display of the reading 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

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)

Programming via Remote Control:**Start and exit programming mode**

PROGRAMMING STEPS	KEY COMBINATION
Start programming	*(Manager Code)# Factory settings 123456
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	*

Add user (4 Variants)

PROGRAMMING STEPS	KEY COMBINATION
Start programming	*(Manager Code)#
Add transponder hinzufügen: automatic allocation of next available user ID	1 (hold transponder in front of reader) # Any required number of transponders can be programmed in sequence
Add transponder hinzufügen: choose individual user ID	1 (user ID) # (hold transponder in front of reader) # User ID can be any number between 1 and 2000.
Add transponder hinzufügen: via transponder number	1 (enter 8-digit transponder number) #
Add transponder hinzufügen: 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	*

TI-OL-6.3

Delete users (4 variants)

PROGRAMMING STEPS	KEY COMBINATION
Start programming	*(Manager Code)#
Delete transponder: via read mode	2 (hold transponder in front of reader) # Any required number of transponders can be deleted in sequence
Delete transponder: via user ID	2 (user ID) # User ID can be any number between 1 and 2000.
Delete transponder: via transponder number	2 (enter 8-digit transponder number) #
Delete transponder: delete all transponders	2 (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 #

TI-OL-6.3

Optical and 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	*

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 #

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.

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.

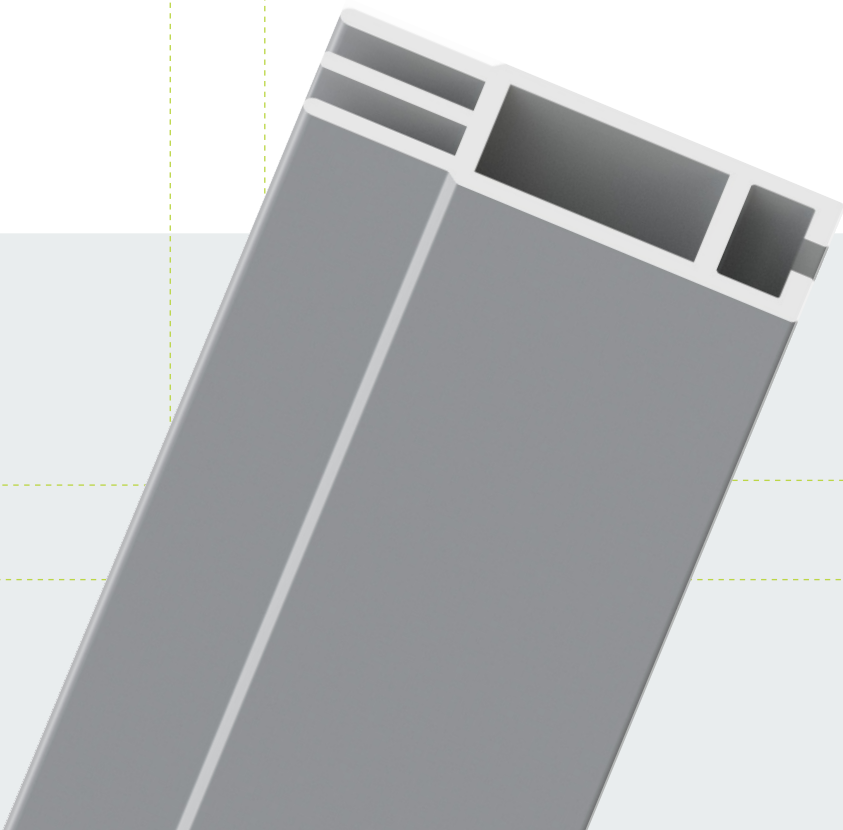
Change of Manager Codes

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

octalumina cube

» Technics 11/25

Light frames for fabric cubes



➤ Contents

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Basic parts

octalumina kubus

Tension fabric extr.

for corner solution
for illumination

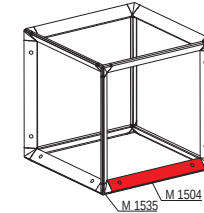
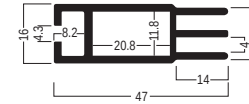


M 1504.01

aluminium

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

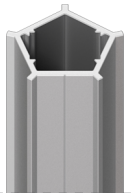
L 6000 × W 47 × H 16 mm | 4.57 kg



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

Extrusion

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

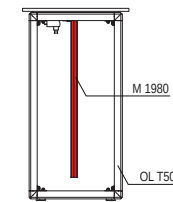
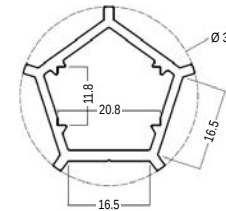


M 1980.00

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

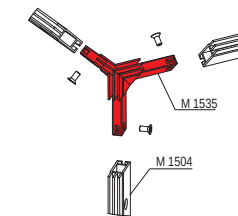
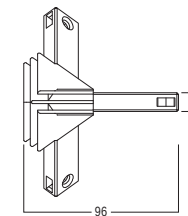


M 1535.31

plastic

for connection with tension fabric extrusion M 1504

L 96 × W 96 × H 96 mm | 0.056 kg

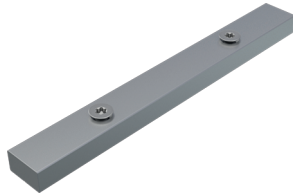


Basic parts

octalumina kubus

Internal connector

straight
lock chamber 21 × 12 mm

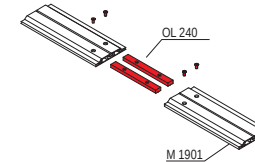
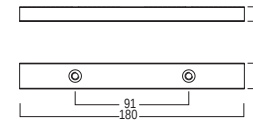


OL 240.00

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

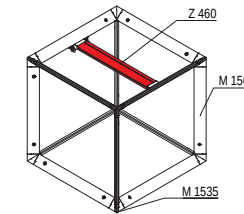
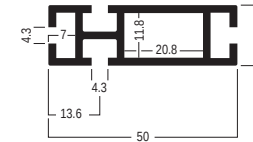


Z 460.01 | .11

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

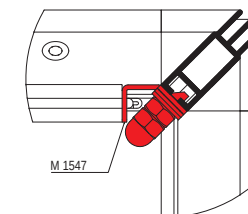
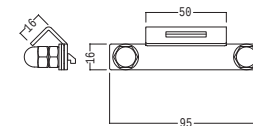


M 1547.37

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

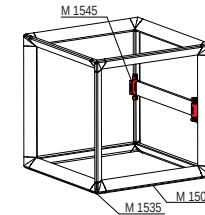
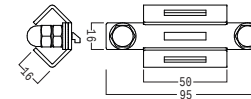


M 1545.37

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

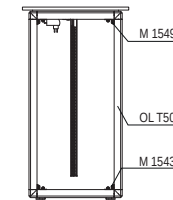
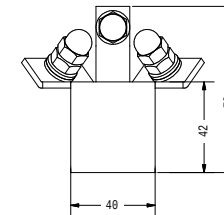


M 1543.37

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

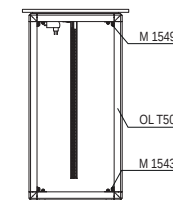
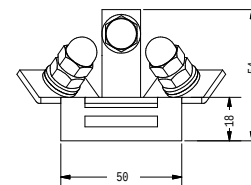


M 1549.37

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

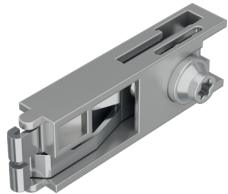


Basic parts

octalumina kubus

Tension lock

8 mm
L 70 × W 20 × H 12 mm

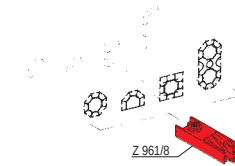
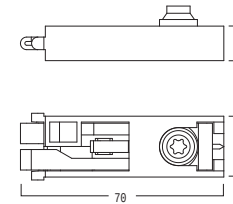


Z 961/8.00

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

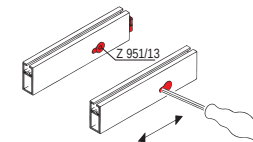
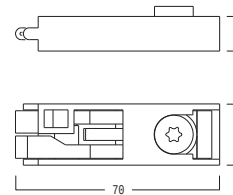


Z 951/13.00

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.

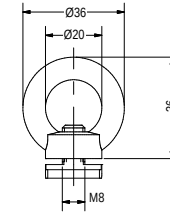


M 1233.37

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



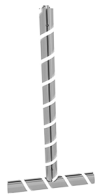
max. load capacity 35 kg

Electrical parts

octalumina kubus

Illumination element

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

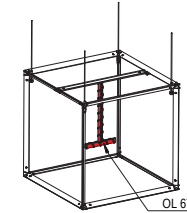
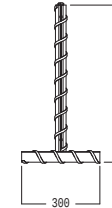


OL 670.90

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**

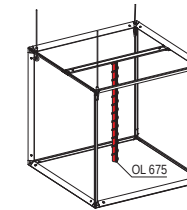
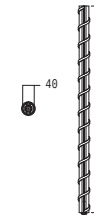


OL 675.90

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**

Diffuser screen

L 200 × W 1 × H 640 mm

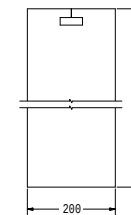


OL 650.90

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

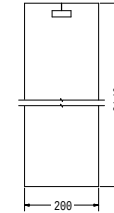


OL 655.90

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

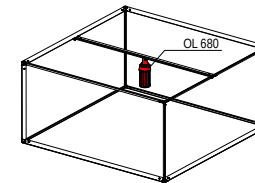
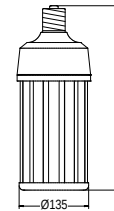


OL 680.90

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

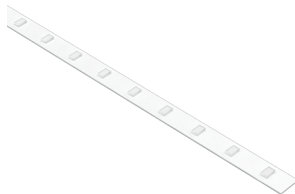
L 135 × W 140 × H 280 mm | 1.8 kg



Attention: Only to be installed by expert staff

LED strip

self-adhesive
for M 1980

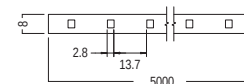


OL 682.90

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



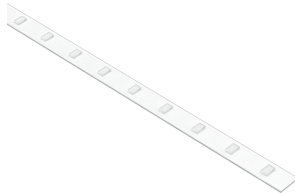
LED strip can be cut to length in 100 mm steps

Electrical parts

octalumina kubus

LED strip

self-adhesive
for M 1201

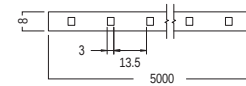


OL 685.90

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

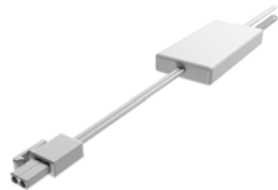
L 5000 × W 10 × H 1,5 mm | 0.138 kg



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

Dimmer

Mini
12-24 V

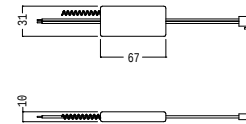


OL 181.90

plastic

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

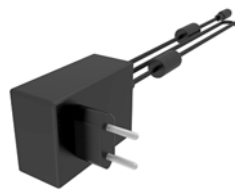
L 67 × W 31 × H 10 mm | 0.144 kg



I only in combination
with OL 303 - 312, OL
685, OL 682

Power supply

36 W
for LEDs

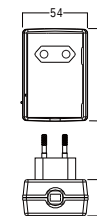


OL 191.90

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



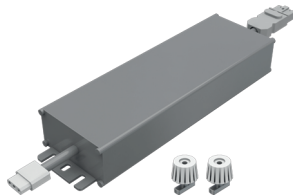
I OL 149 necessary, max.
load only up to 29 W
recommended for long
life span of the LED
power supply unit

Electrical parts

octalumina kubus

Power supply

**60 W
for LEDs**

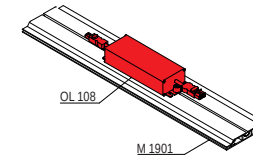
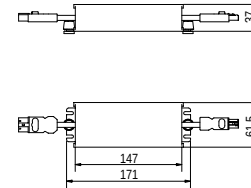


OL 108.90

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

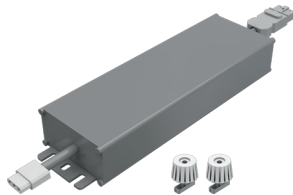
L 171 × W 62 × H 37 mm | 0.722 kg



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

Power supply

**100 W
for LEDs**

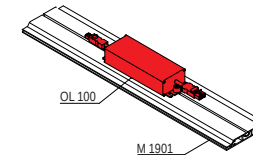
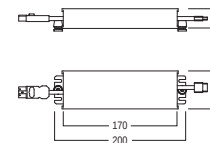


OL 100.90

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

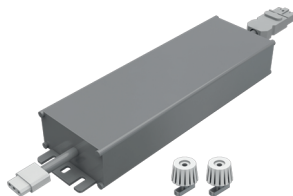
L 200 × W 65 × H 39 mm | 0.921 kg



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

Power supply

**150 W
for LEDs**

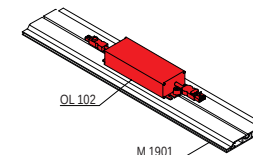
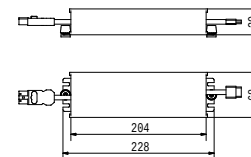


OL 102.90

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



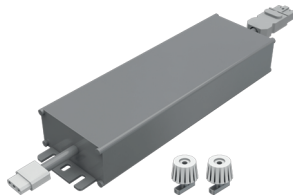
max. load only up to 120 W recommended for long life span of the LED power supply unit

Electrical parts

octalumina kubus

Power supply

**240 W
for LEDs**

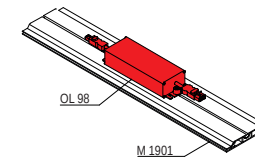
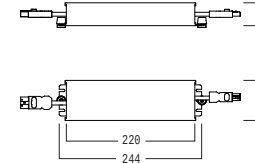


OL 98.90

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 × OL 252 mounting set

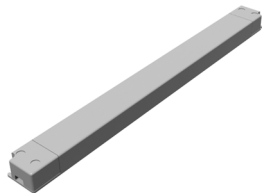
L 244 × W 68 × H 39 mm | 1.219 kg



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

Power supply

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

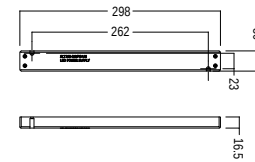


OL 104/1.90

plastic

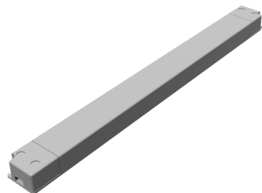
for installation in OCTAlumina 40/80/120 frames, Input: 200-240 V AC, 50/60 Hz, 0.95 A, Output: 24 V DC, 4,17 A, 100 W

L 298 × W 30 × H 16.5 mm | 0.221 kg



Power supply

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

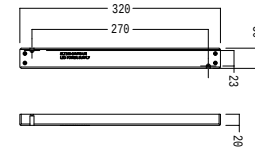


OL 106/1.90

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



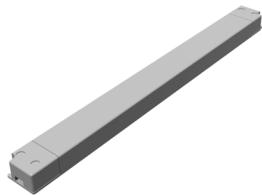
Only suitable for 230 volts! Not for USA and Canada!

Electrical parts

octalumina kubus

Power supply

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

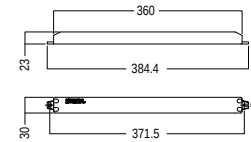


OL 206/1.90

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

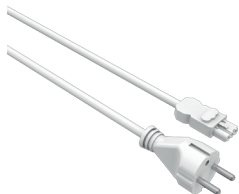
L 360 × W 30 × H 23 mm | 0.431 kg



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

Power cable

**for LED PSU
2000 mm long**

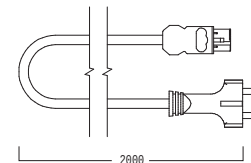


OL 122.90

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 mm²

2000 mm long | 0.277 kg



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

Connecting cable

**external, 24V
1000 mm long**

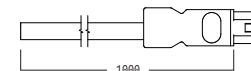


OL 139.30

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



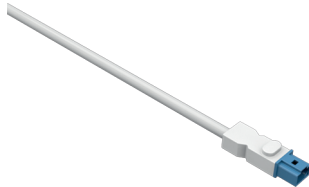
after cutting the cable to size the female plug OL 149 has to be mounted on the other side

Electrical parts

octalumina kubus

Connecting cable

external, 24V
3000 mm long

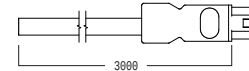


OL 140.30

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

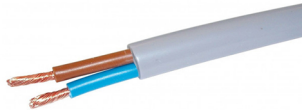
3000 mm long | 0.251 kg



! 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

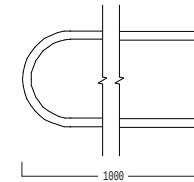


OL 359-1.90

plastic, white

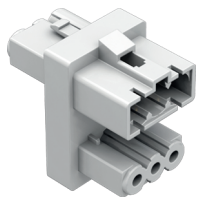
2 wire cable (brown, blue), PVC hose cable white

1000 mm long | 0.057 kg



Distributor block

250 V/16 A
for 2 x PSU

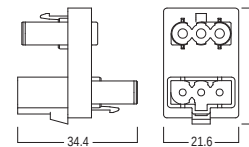


OL 142.90

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

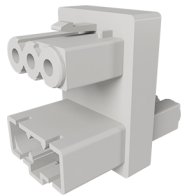


Electrical parts

octalumina kubus

Distributor block

250 V/16 A
for 3 × PSU

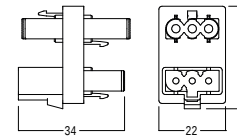


DL 142.90

plastic, white

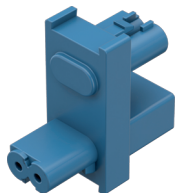
for connecting 3 power supply units to 2 m power cable OL 122, 1 input / 3 output, 3 poles, 250 V/16 A

L 36 × W 22 × H 33 mm | 0.016 kg



Distributor block

24V / 16A
for 2 × LED module

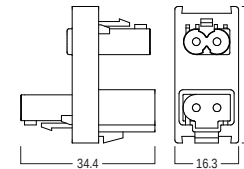


OL 150.30

plastic

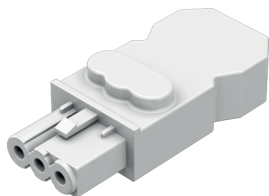
to be used in combination with OL 123 / OL 125 / OL 127 / OL 129, 2 poles, 1 input / 2 output, 24V / 16A

L 35 × W 34 × H 16 mm | 0.006 kg



Female connector

250V / 16A
for DIY assembly

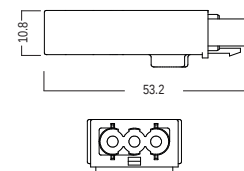


OL 144.30

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

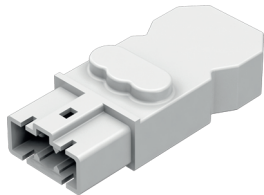


Electrical parts

octalumina kubus

Male plug

250V / 16A
for DIY assembly

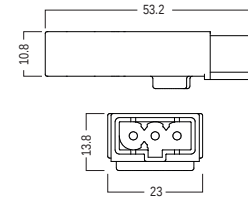


OL 146.30

plastic, white

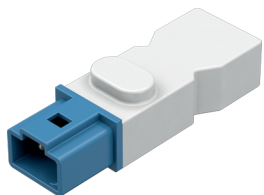
for DIY assembly of OL 98 / OL 100 / OL 102 / OL 104 / OL 106 / OL 108 PSUs, 3-pole, with strain relief, 250V / 16A

L 53 × W 23 × H 14 mm | 0.025 kg



Male plug

24V / 16A
for DIY assembly

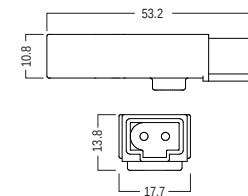


OL 148.90

plastic

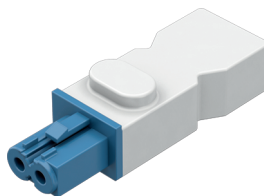
for DIY assembly of 24 V OL 135-1 / OL 137-1 connection cable, 2-pole, with strain relief, 24V / 16A

L 53 × W 18 × H 14 mm | 0.008 kg



Female connector

24V / 16A
for DIY assembly

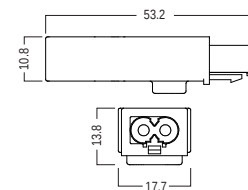


OL 149.90

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

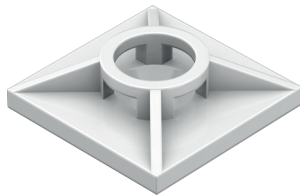


Electrical parts

octalumina kubus

Adhesive base

100 pcs
for cable ties OL 255

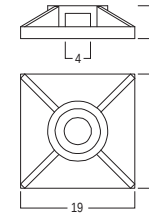


OL 254.90

plastic, white

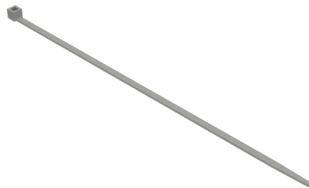
for wire management with wire ties OL 255 (not included), max. width wire ties 4 mm, packaging unit 100 pcs.

L 19 × W 19 × H 5 mm | 0.071 kg



Cable tie

100 pcs
L 155 × W 2.5 mm

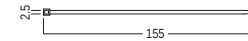


OL 255.90

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

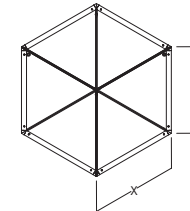


OL 690.90

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

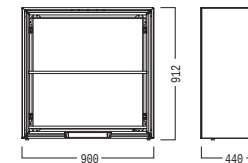


OL C800.31

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**

Bar table

illuminated
L 570 × W 570 × H 1031 mm

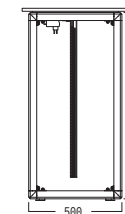


OL T50.90

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 × H 998 mm

L 570 × W 570 × H 1031 mm | 14.139 kg



**without
fabric/graphics**

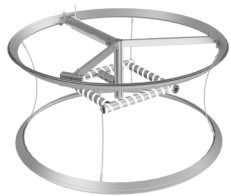
**fabric dimension =
outer frame dimension**

Products

octalumina kubus

Circular lamp

1000 mm dia.
for seamless graphics

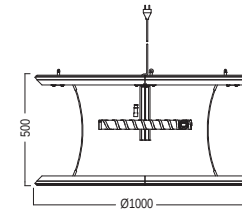


OL 440.01

aluminium

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

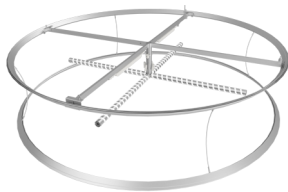
L 1000 × W 1000 × H 500 mm | 11 kg



**without
fabric/graphics**

Circular lamp

2000 mm dia.
for seamless graphics

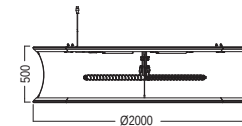


OL 450.01

aluminium

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

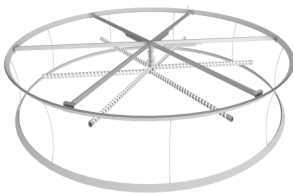
L 2000 × W 2000 × H 500 mm | 21 kg



**without
fabric/graphics**

Circular lamp

3000 mm dia.
for seamless graphics

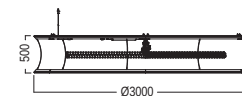


OL 460.01

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**

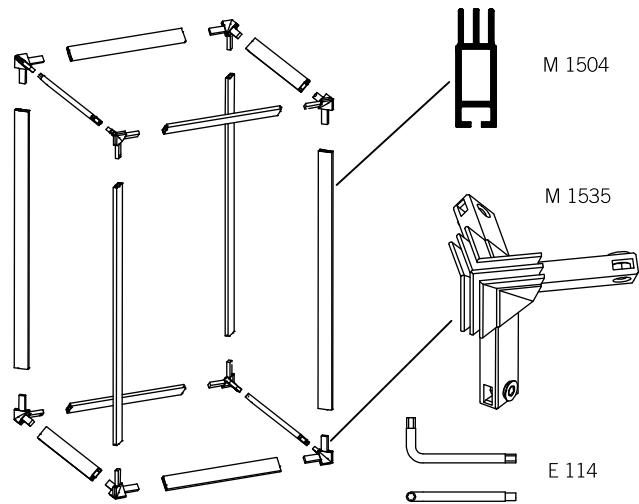
➤ technical information

➤ M-OL-0.8	
User Manual octalumina Mini Dimmer OL 181	
➤ M-OL-2.0	191
octalumina Bar table OL T50 assembly instruction	
➤ M-OL-2.1	193
octalumina cube assembly instruction	
➤ TI-OL C800-1	195
octalumina fabric counter OL C800 fabric dimensions	
➤ TI-OL T50-3	196
octalumina bar table OL T50 fabric dimensions	
➤ TI-OL-0.9	197
octalumina electrical connection DALI LED Dimmer OL 183	
➤ TI-OL-2.0	198
octalumina Circular Lamp OL 440, OL 450, OL 460 fabric dimensions	
➤ TI-OL-2.1.1	199
octalumina Circular Lamp OL 440 hanging points	
➤ TI-OL-2.1.2	200
octalumina Circular Lamp OL 450 hanging points	
➤ TI-OL-2.1.3	201
octalumina Circular Lamp OL 460 hanging points	
➤ TI-OL-3.0	202
octalumina cube suspension and fabric dimensions	

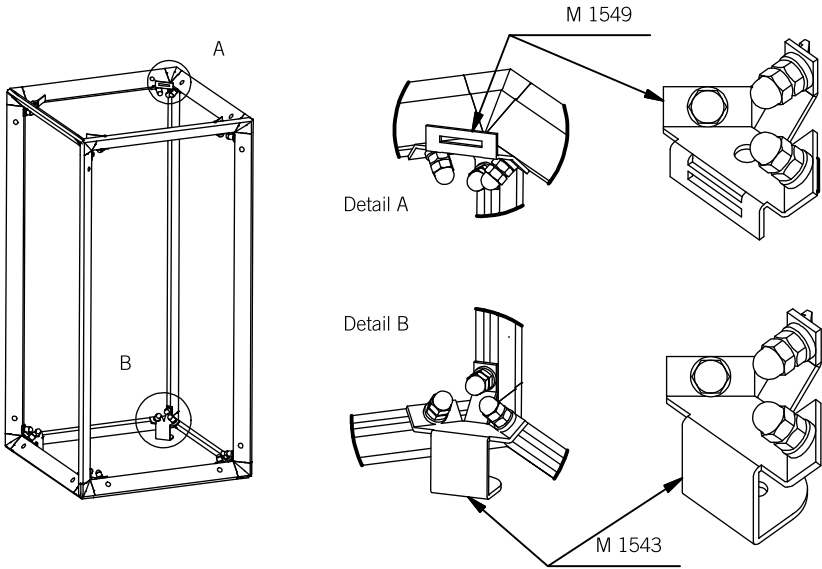
➤ technical information

➤ TI-OL-3.1	203
octalumina cube Positioning of beams and lighting	
➤ TI-OL-3.2	204
octalumina cube wiring of lighting elements	
➤ TI-OL-3.3	205
octalumina cube cutting lengths extrusions	
➤ TI-OL-5.1	
octalumina Mini Dimmer OL 181 User Manual	

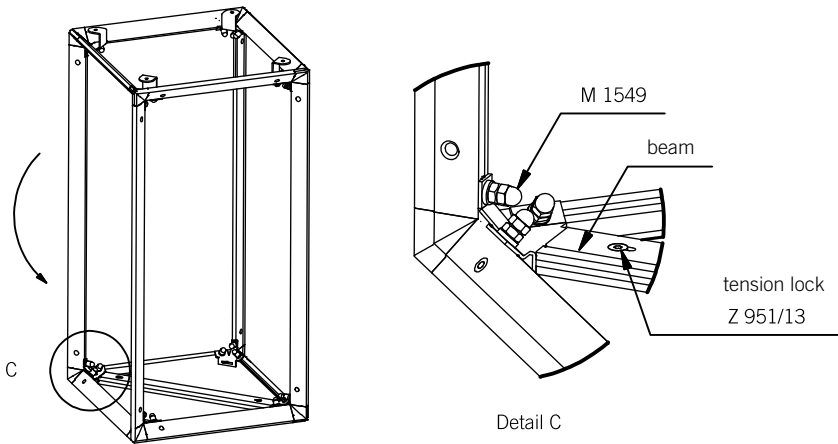
1. assemble cube



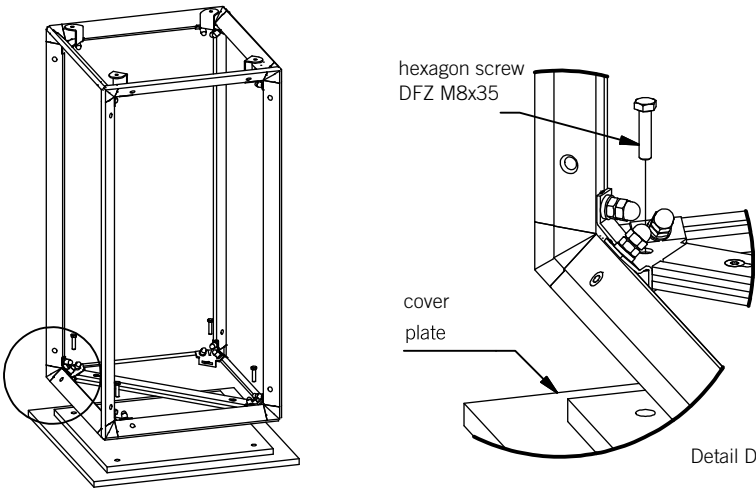
2. assemble angle reinforcement M 1543 and M 1549



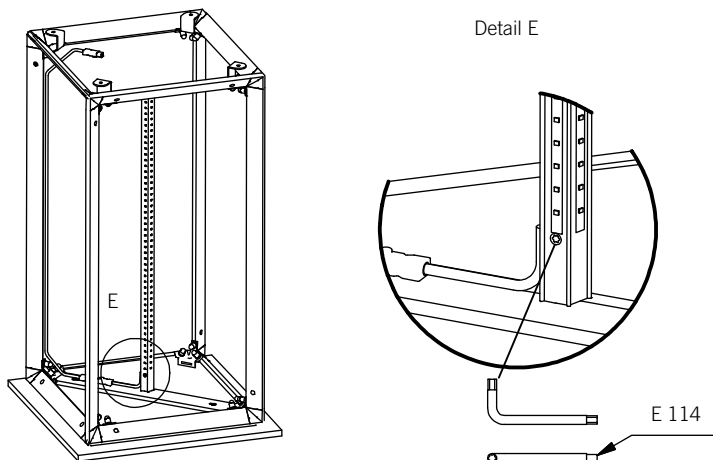
3. turn cube and assemble diagonal beam



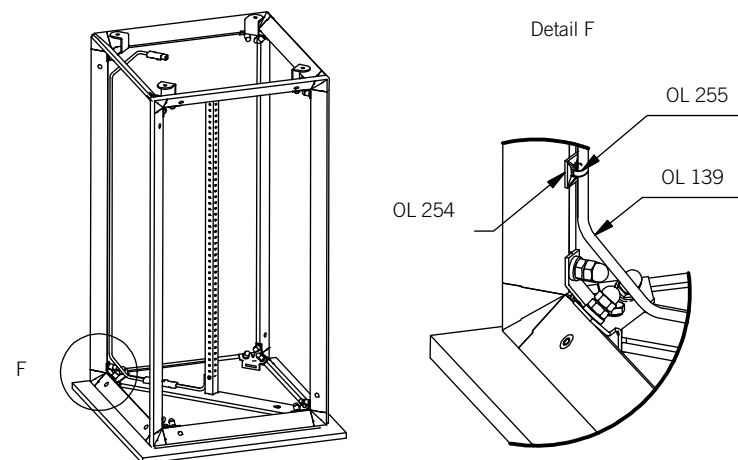
4. assemble cover plate



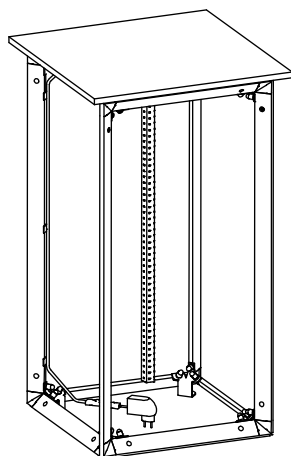
5. assemble lighting element in the center at diagonal beam



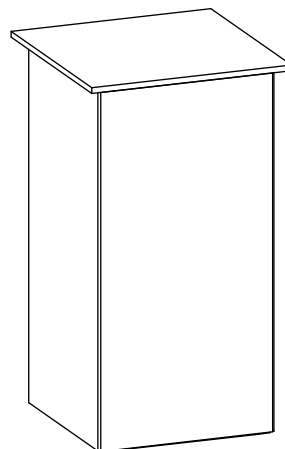
6. vertical installation of fixing set OL 254, fix connecting cable OL 139 with cable ties OL 255



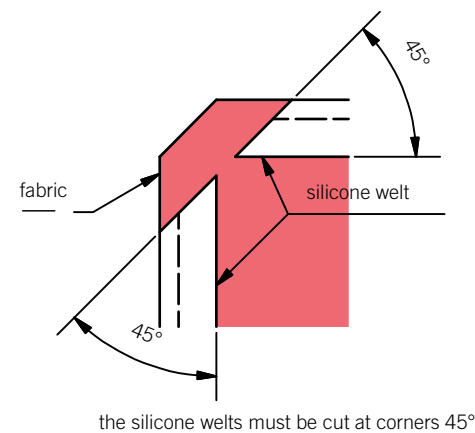
7. turn cube, connect all plugs, plug into the power supply unit, functional test LED



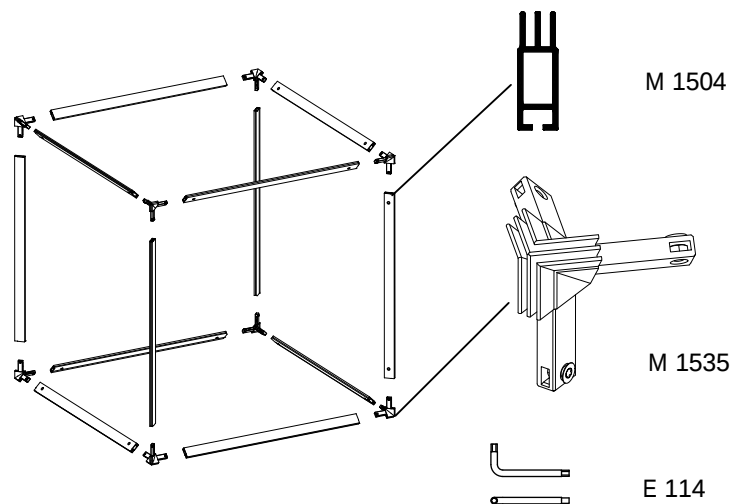
8. install fabric



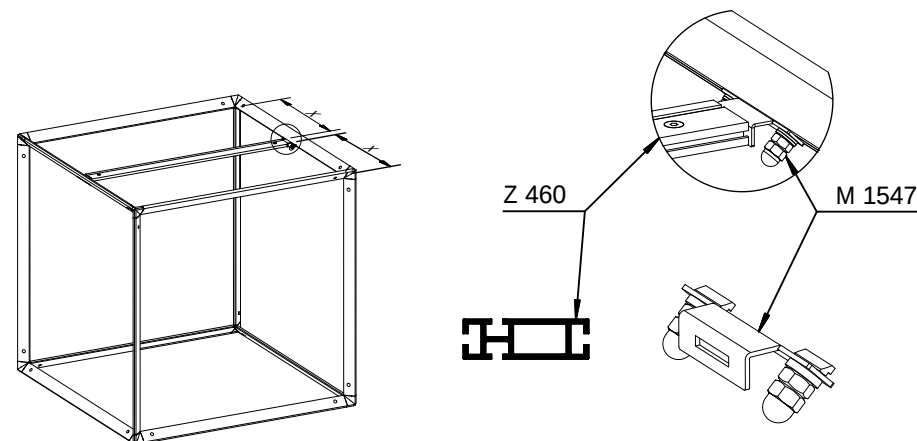
information for fabric fitting



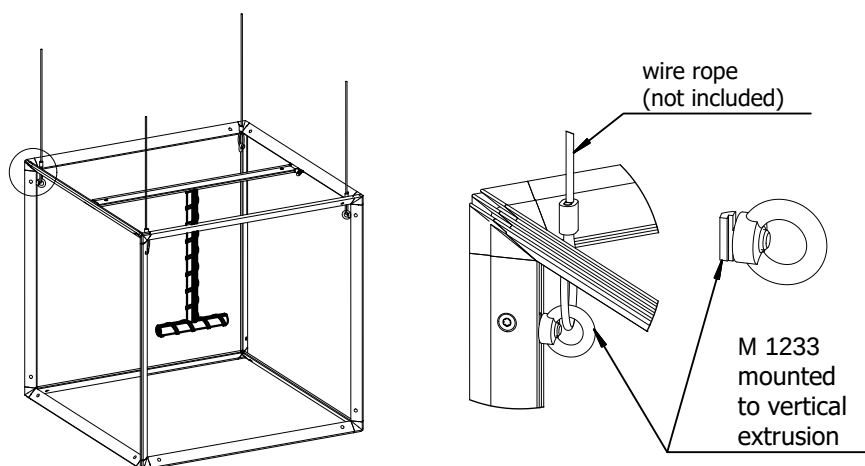
1. assembly of cube



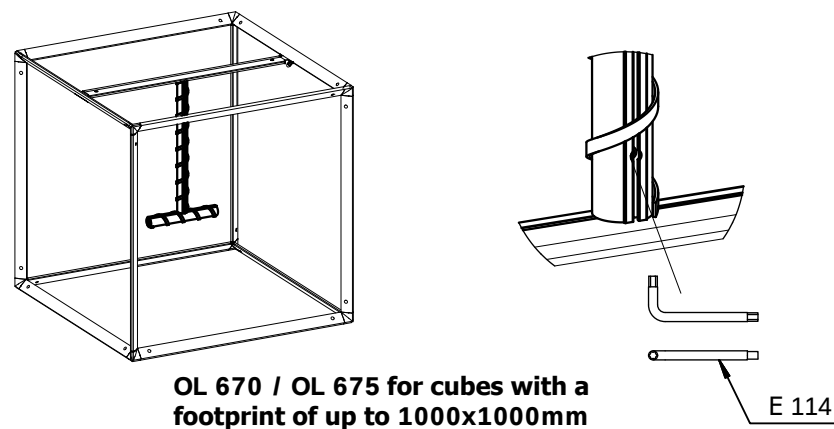
2. mounting of beam for lighting in center of cube



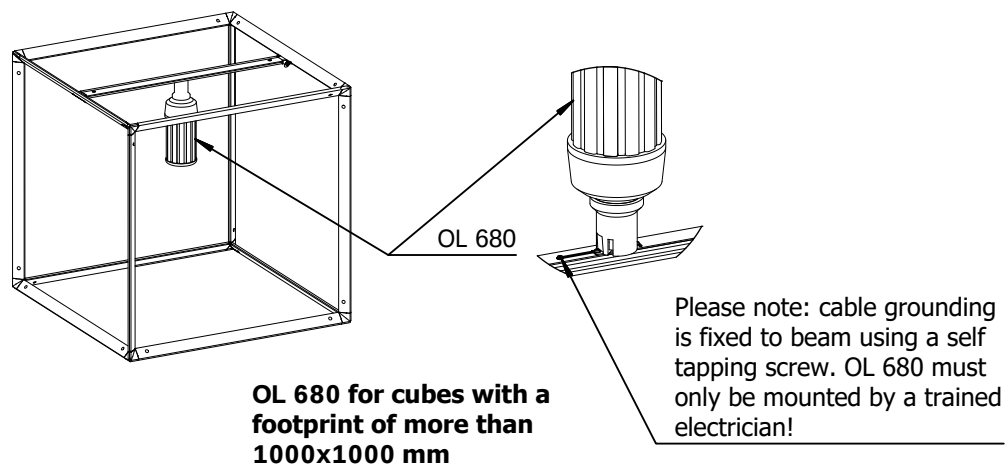
3. mounting of wire suspension (if required)



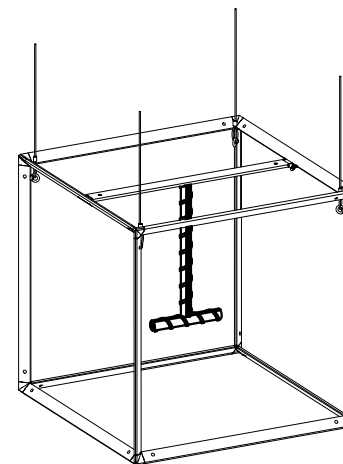
4a. mounting of lighting element (OL 670 / OL 675 in center of beam)



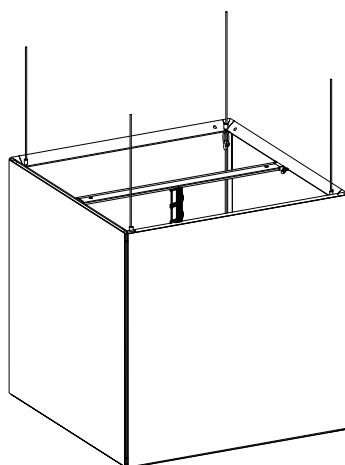
4b. alternative: mounting of lighting element OL 680 in center of beam



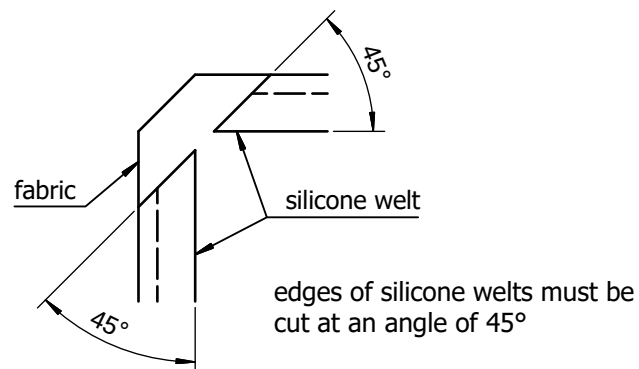
5. LED connection and function test

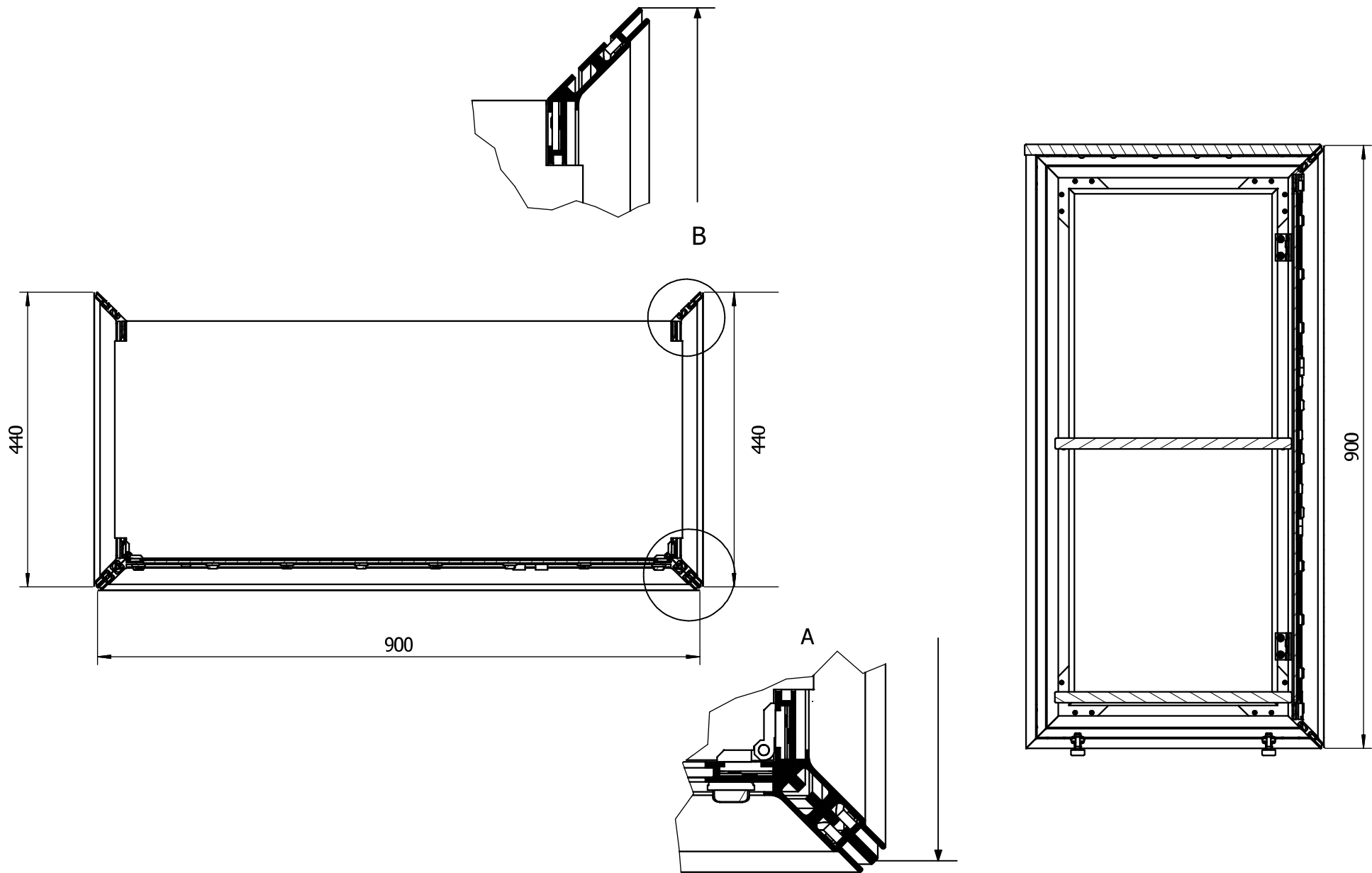


6. mounting of fabric

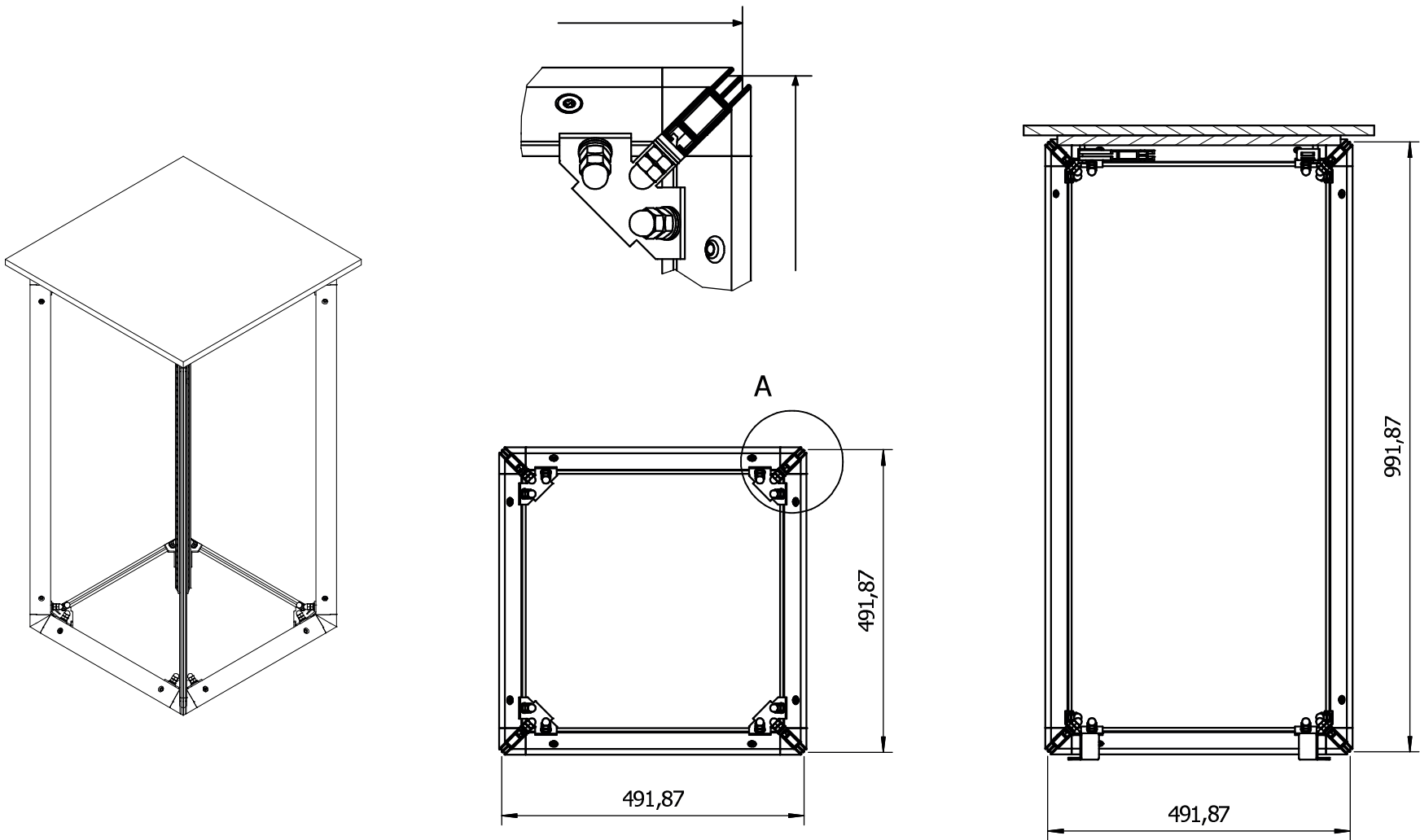


information for fabric fitting

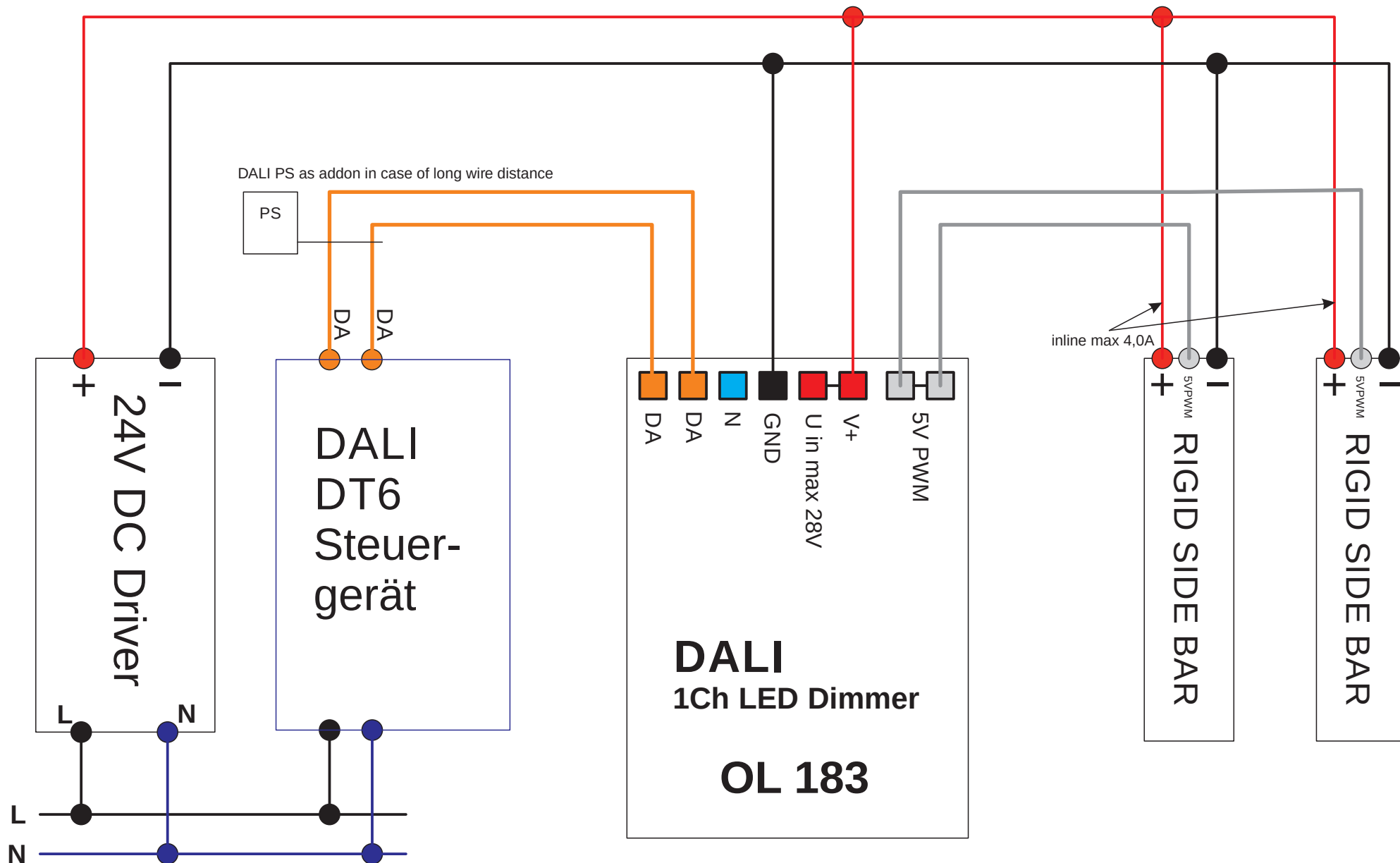


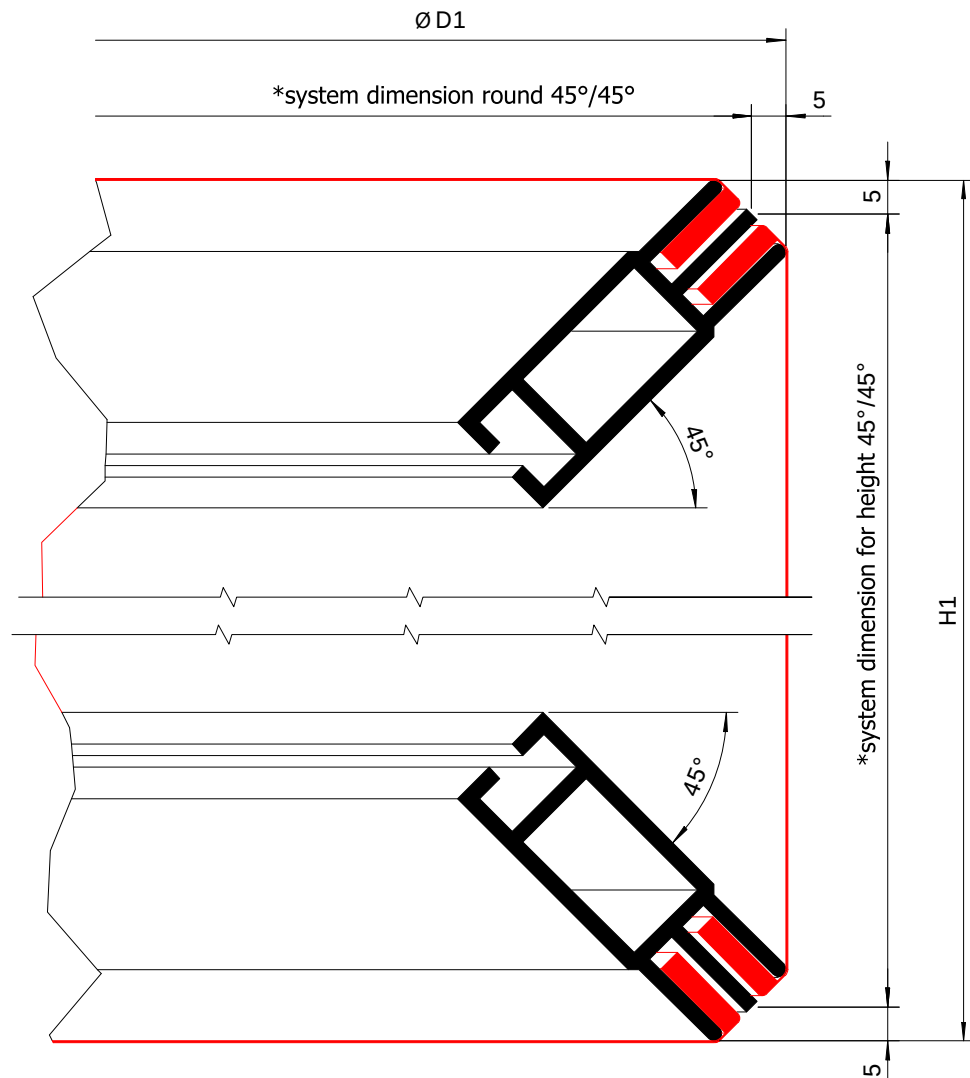


TIOL C800-1 E-000455-3620A-T01A

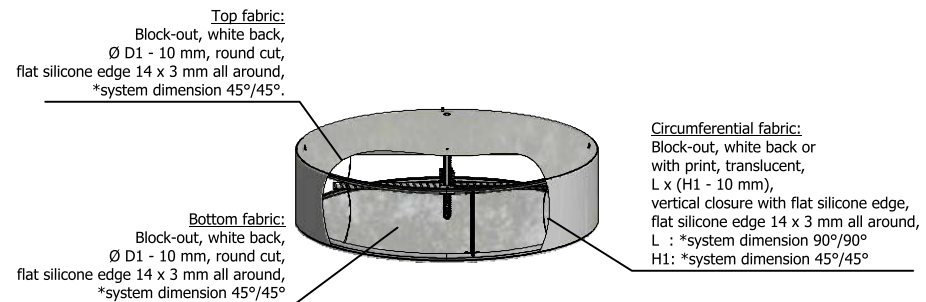


TIOL T50-3 E-000520-1500A-T03A

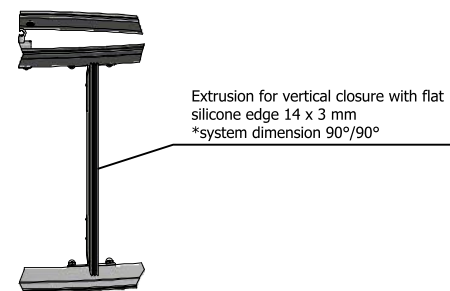




*as defined by our fabric supplier; may vary individually

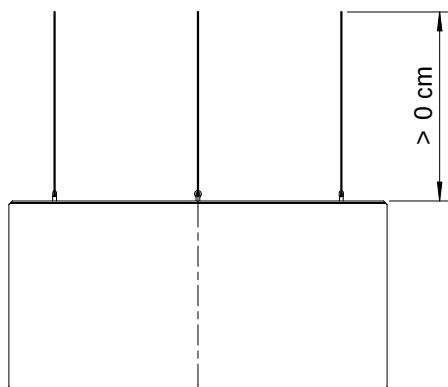


Dimensions round fabric top/bottom		
Item N°	D1	*system dim. round 45°/45°
OL 440	1000	990
OL 450	2000	1990
OL 460	3000	2990

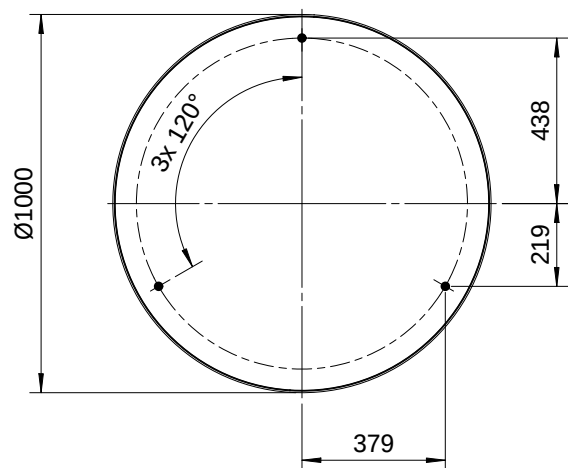


Dimensions circumferential fabric			
Item N°	D1	L = (D1 x 3,14) - 5 mm	*system dim. for height 45°/45°
OL 440	1000	3135	= H1 - 10 mm
OL 450	2000	6275	= H1 - 10 mm
OL 460	3000	9415	= H1 - 10 mm

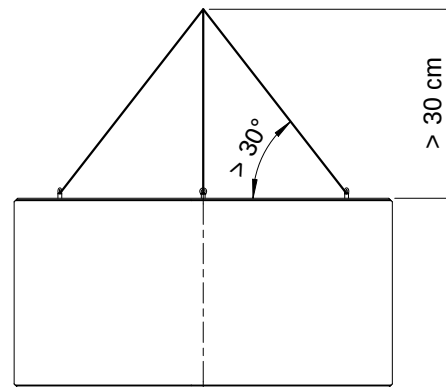
3 Hanging Points



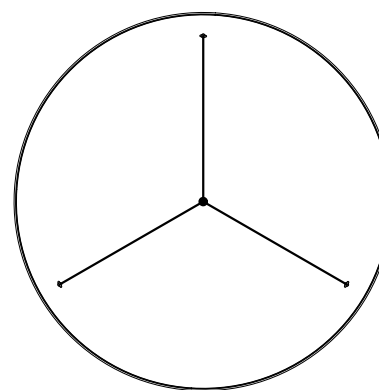
required accessories:
3x suspension kit OL 435 or
3x suspension kit OL 437



1 Hanging Point



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

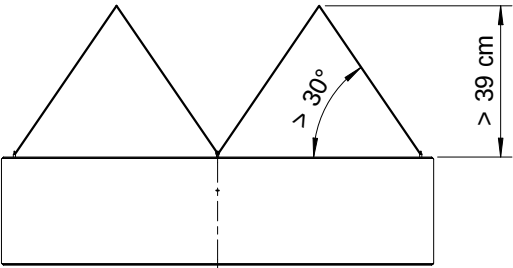


4 Hanging Points



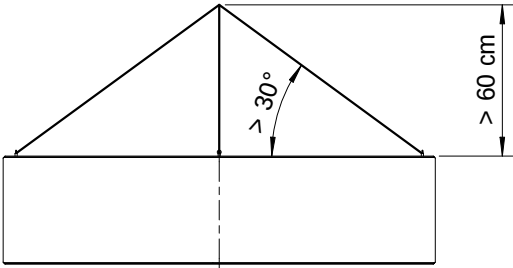
required accessories:
4x suspension kit OL 435 or
4x suspension kit OL 437

2 Hanging Points

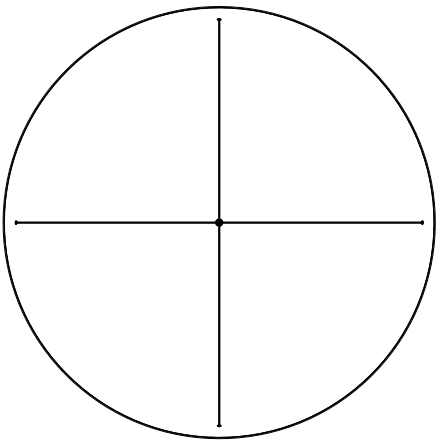
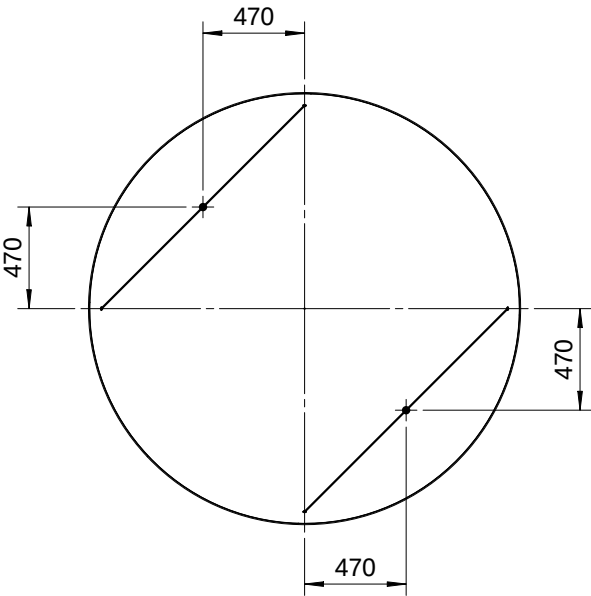
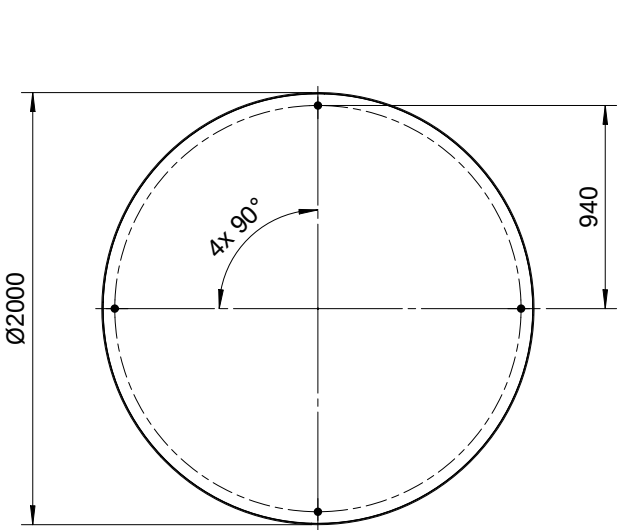


required accessories:
4x suspension kit OL 437

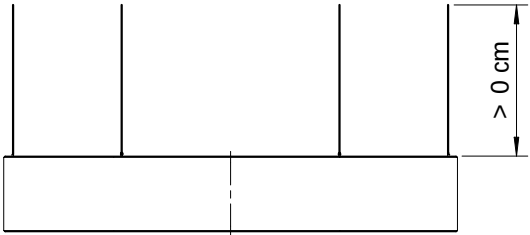
1 Hanging Point



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

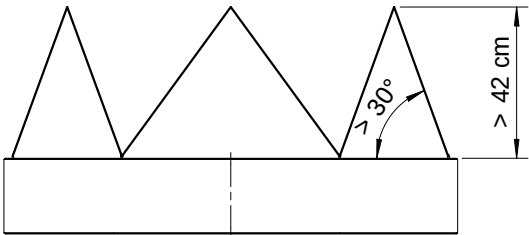


6 Hanging Points



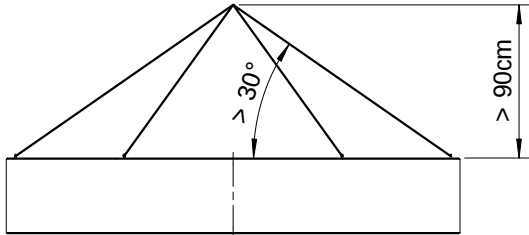
required accessories:
4x suspension kit OL 435 or
6x 4x suspension kit OL 437

3 Hanging Points

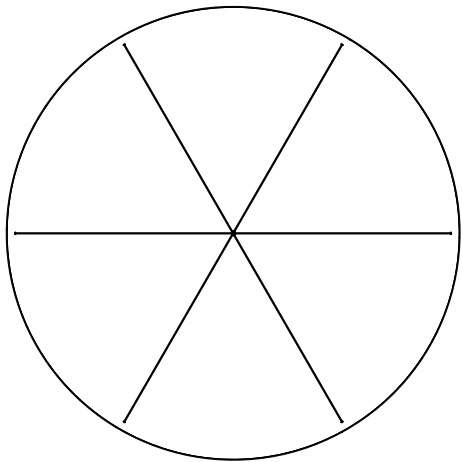
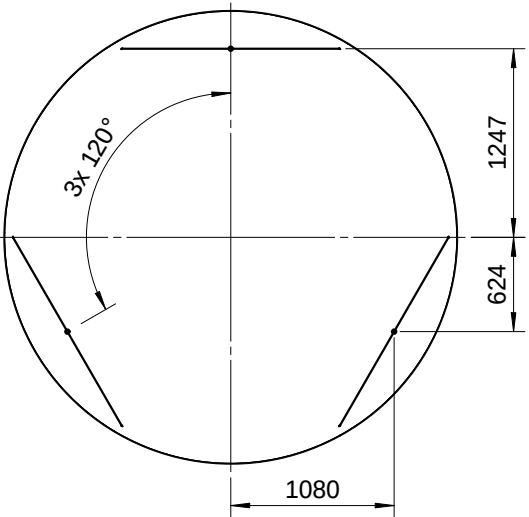
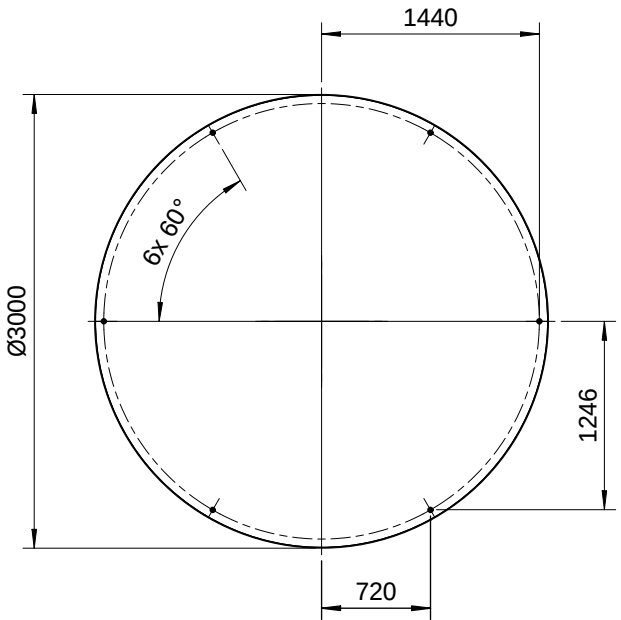


required accessories: 6x 4x
suspension kit OL 437

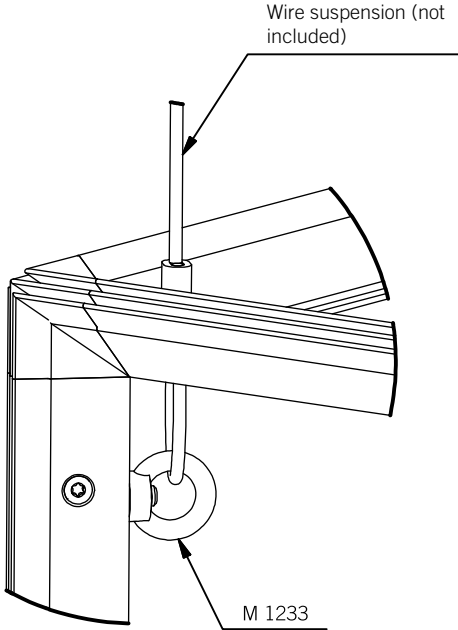
1 Hanging Point



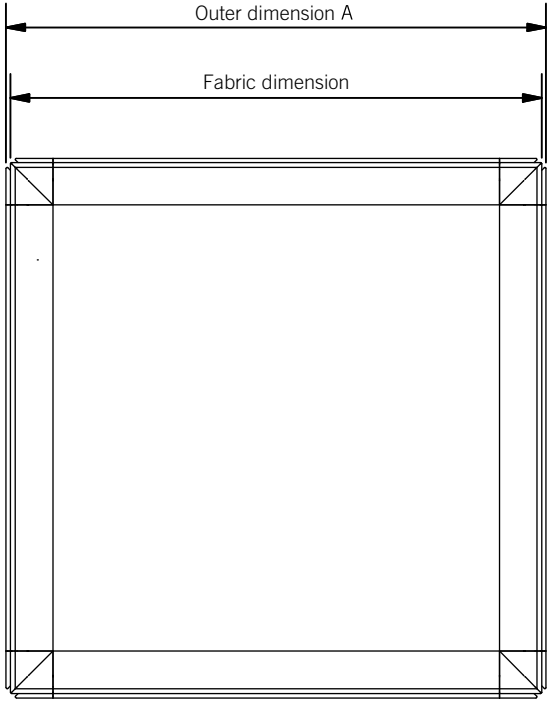
required accessories:
1x central ceiling suspension OL 436-6



Wire suspension

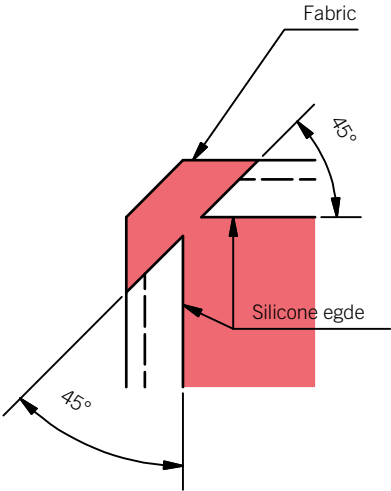


Fabric dimensions



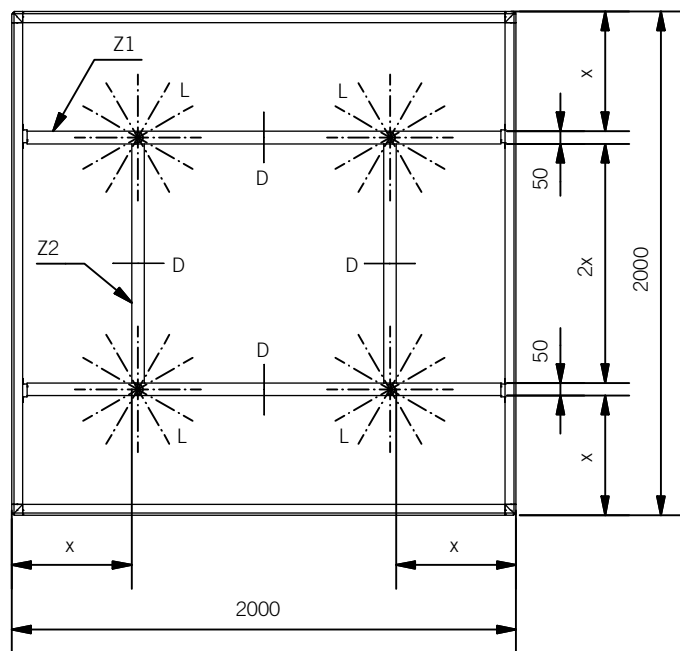
Fabric dimensions = Outer dimensions A - 4mm

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

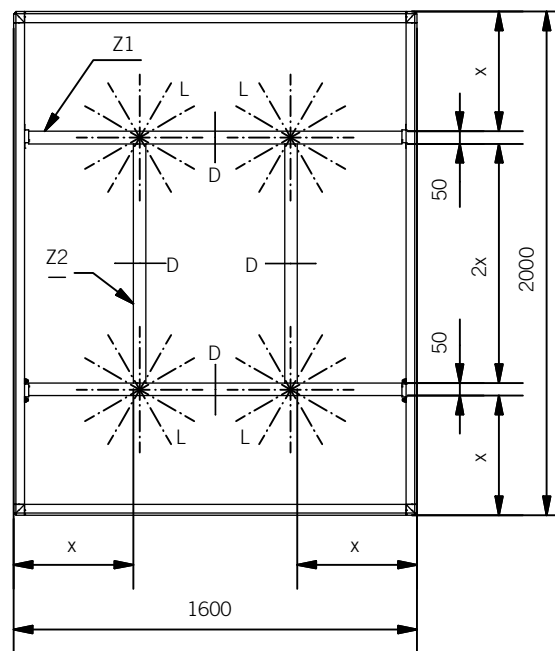
dimension X: $(2000-100) / 4 = 475$ mm

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

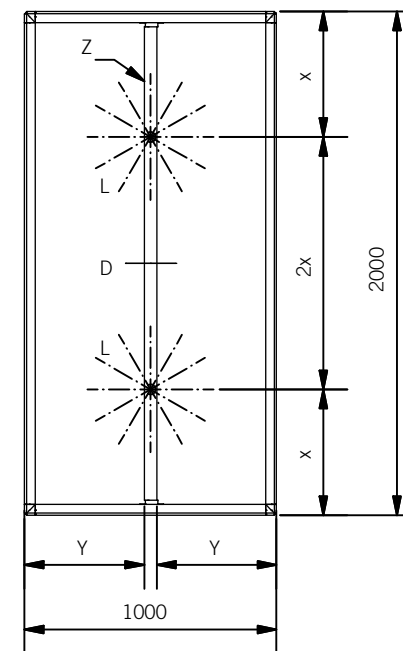
For determining of **measure X** the **longer outer dimension** must be used

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



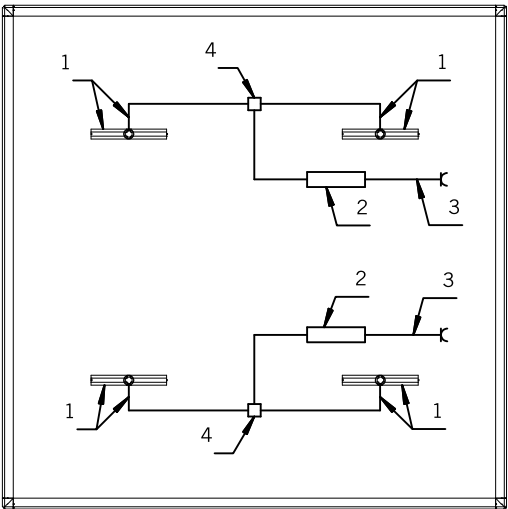
Example: Cube 2000 x 1000 mm

dimension X: $2000 / 4 = 500$ mm

beam: $2000 - 120$ mm = 1880mm

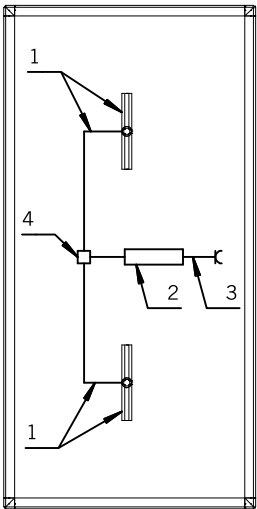
lighting element (L) with measure X diffuser foil (D) between lighting elements

Cube 4 Lighting Elements



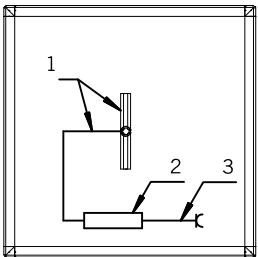
Parts list for wiring of 4 lighting elements			
Item	Qty	Art. N°	Description
1	4	OL 670, OL 675	lighting element (straight or T-shaped)
2	2	OL 102	PSU
3	2	OL 122	connection cable
4	2	OL 150	distribution block

Cube 2 Lighting Elements

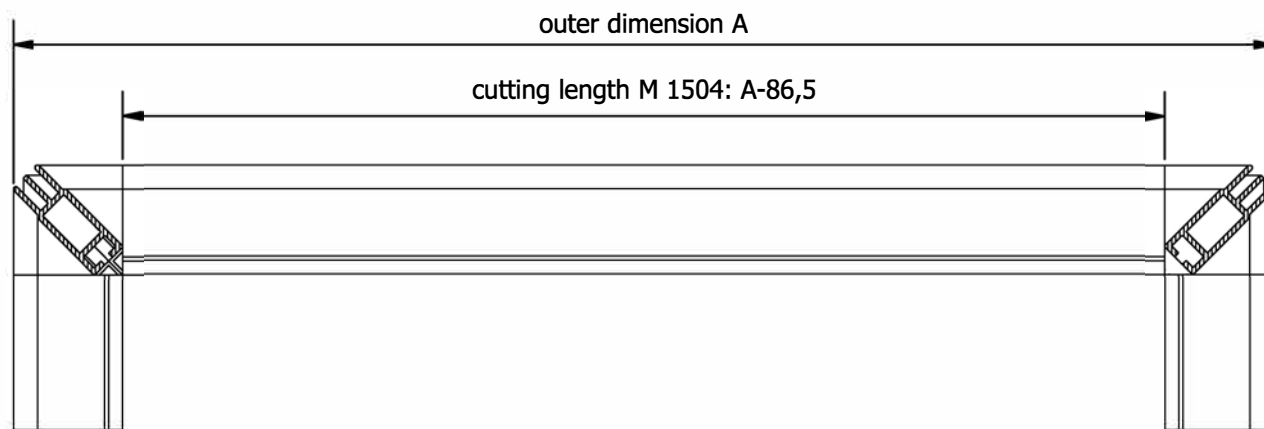


Parts list for wiring of 2 lighting elements			
Item	Qty	Art. N°	Description
1	2	OL 670, OL 675	lighting element (straight or T-shaped)
2	1	OL 102	PSU
3	1	OL 122	connection cable
4	1	OL 150	distribution block

Cube 1 Lighting Element

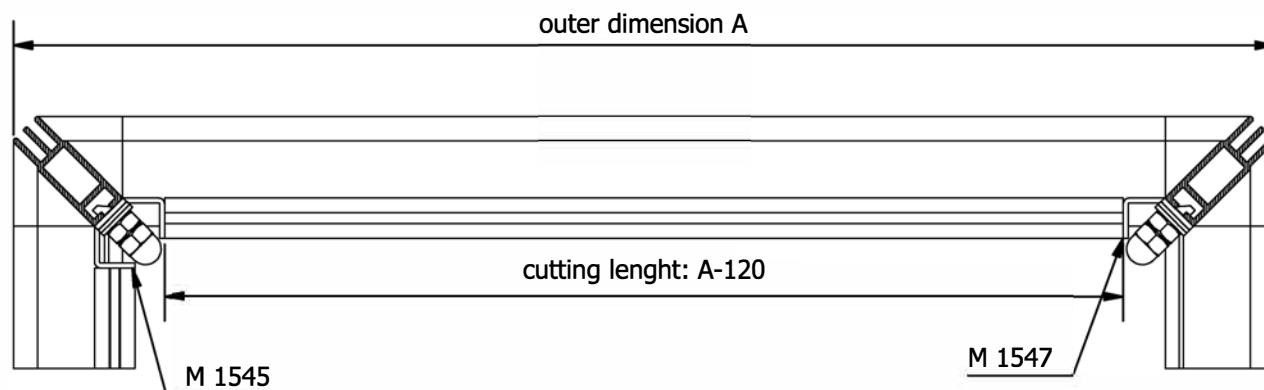


Parts list for wiring of 1 lighting element			
Item	Qty	Art. N°	Description
1	1	OL 670, OL 675	Lighting element (straight or T-shaped)
2	1	OL 100	PSU
3	1	OL 122	connection cable



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



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Hellas

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