

LIGHT IN SHOP
devient



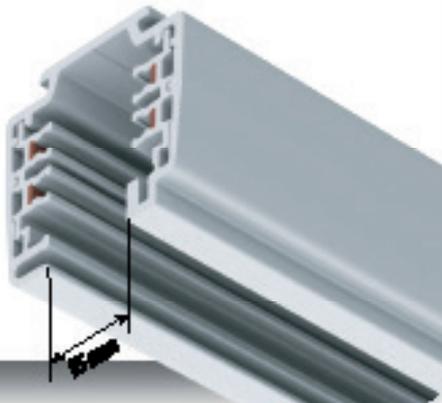
Document technique

RAIL

UNIPRO

Universal lighting track

The unipro® lighting track has been designed to be compatible with the most common spot light systems.



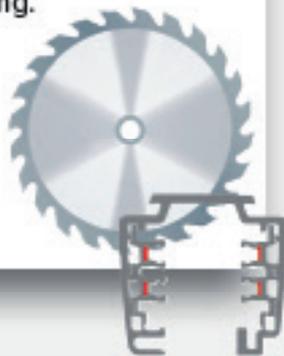
Universal adapter

The unipro® A75 adapter is universal, and designed to be compatible with unipro® lighting tracks as well as with most other common 3-circuit lighting tracks.



Easy to cut

The standard lengths for unipro® lighting tracks are 2, 3, and 4 metres. If necessary, they can be cut to the correct length on the installation site. Otherwise, there is no need to bend or tool the power conductions of the lighting track after the cutting.



Easy to install

The unipro® lighting track has pre-cut holes on the top of the track, at 50 cm intervals.



Easy to connect

The unipro® lighting track system's power supply units have reliable and easy to use screw terminals, which are suitable for stranded or solid wires with a maximum cross section of 2.5 mm².



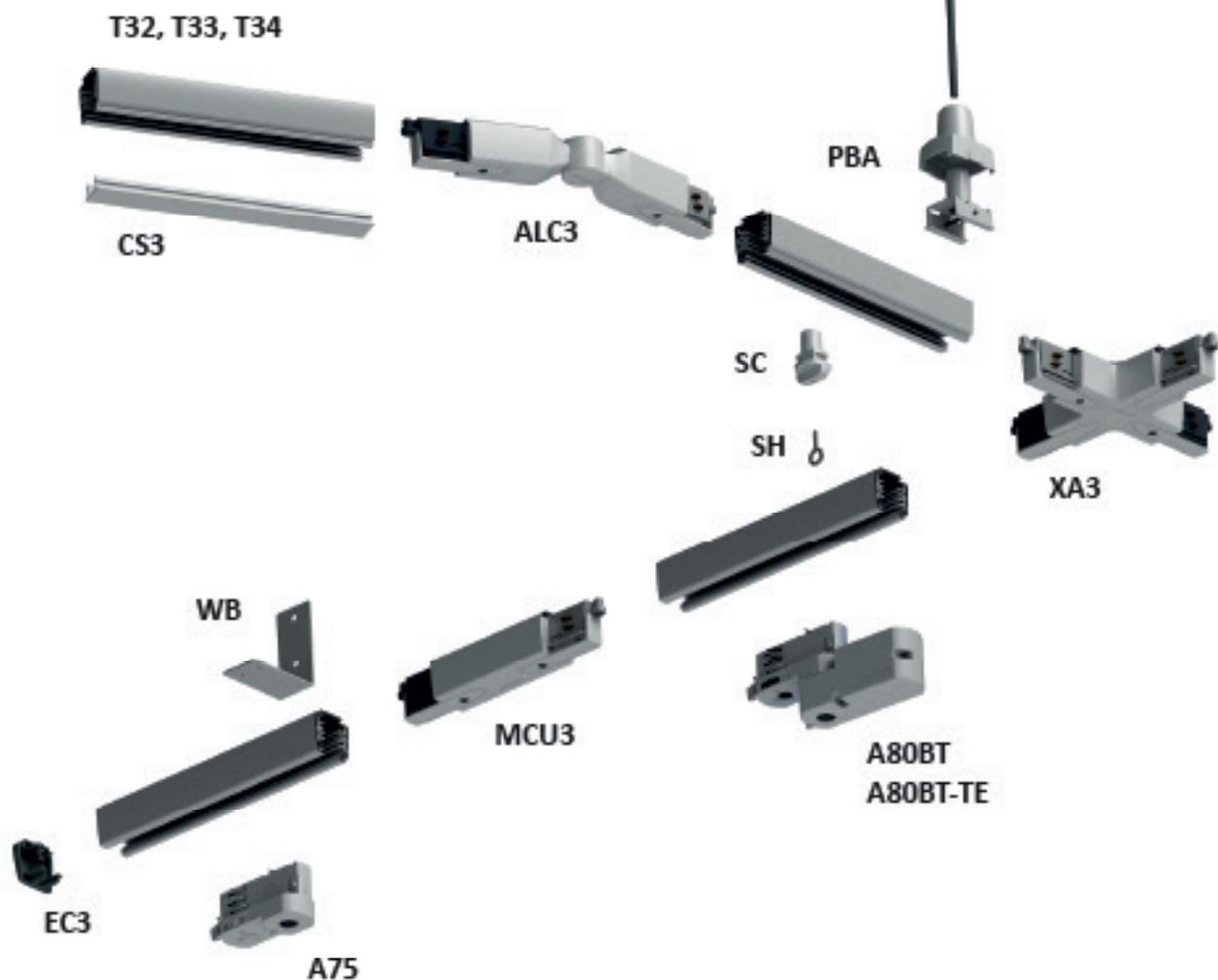
Fewer parts

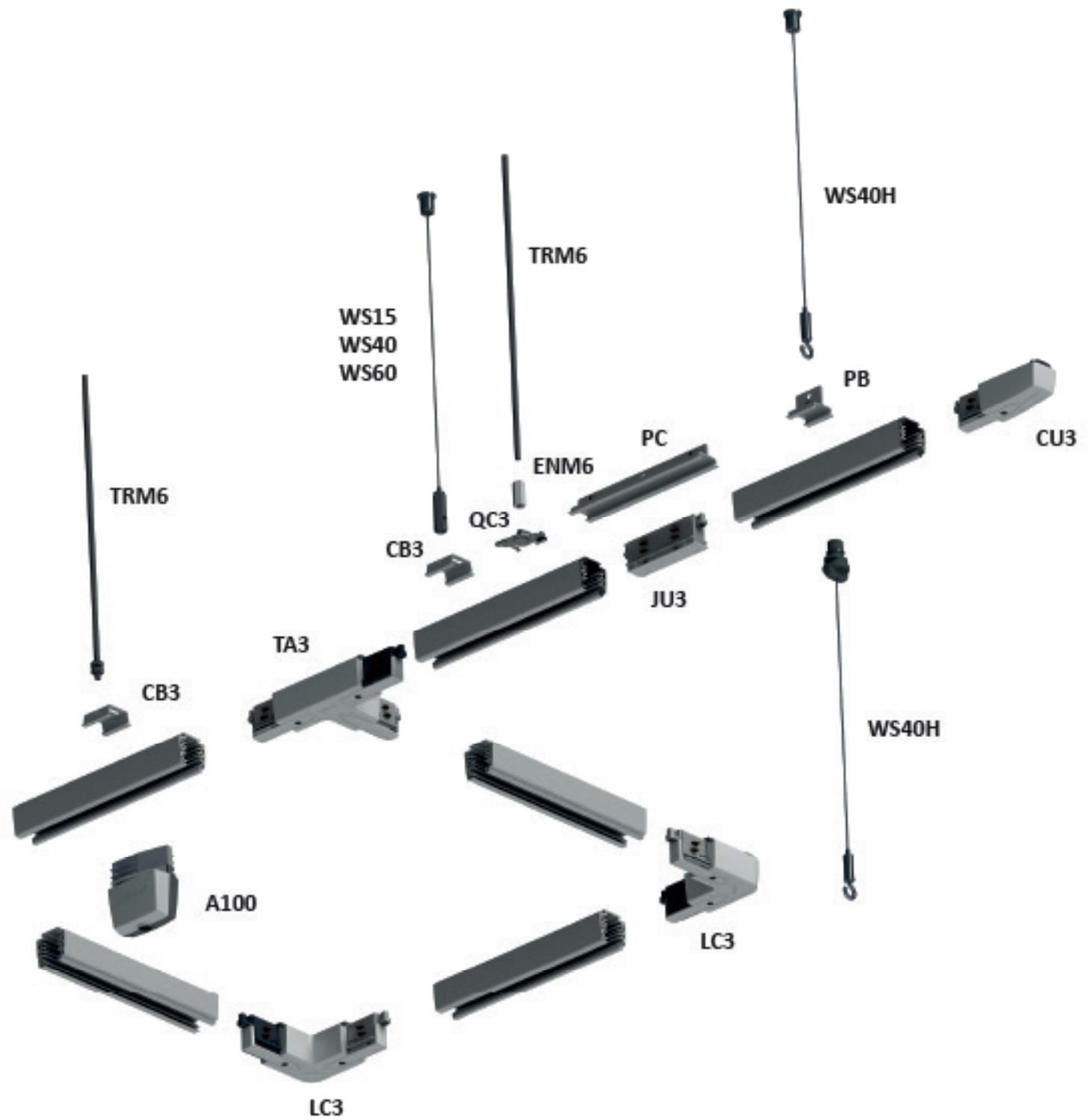
The unipro® lighting track system's L-corner and jointing unit are multi-functional. The polarity of the L-corner, and the colour of the jointing unit can be changed on site as necessary.



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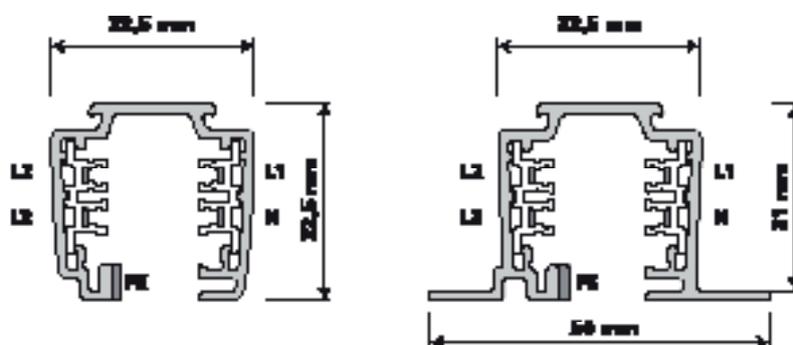


Characteristics

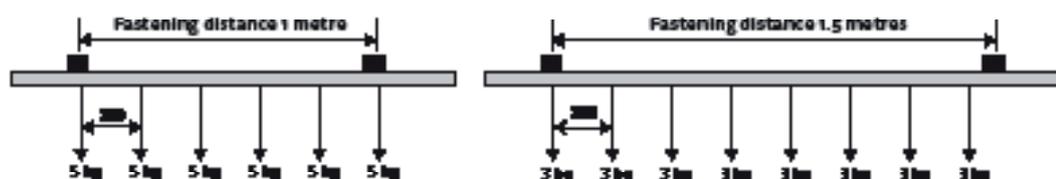
Material	The track's frame material is extruded aluminium. The insulation profiles inside the frame are plastic. The phase and neutral conductors are 2.5 mm ² rectangular copper, the earth contact is cut on the aluminium frame. The material of the plastic accessories is self-extinguishing polycarbonate, class V0.
	The surface treatment alternatives are powder-coated white (RAL 9010), grey (RAL 7040), black (RAL 9005), and anodised natural white.
	Other RAL colours and treatments available by special order.
Conductors	Three phase conductors (L1, L2, and L3), neutral (N) and ground (PE).
Protection class	Protection class 1 IP20.
Other	Can be cut on site to suitable dimensions. No need to bend or tool the power conductors after cutting.
Quality and safety	Tested in accordance with the standards EN 60570 and EN 60598.



Profile measurements

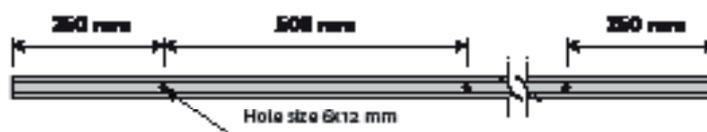


Load-bearing capacity



Mounting holes

Pre-cut holes on the bottoms of the track



Surface track

16 A 250/400 VAC 50 Hz CLASS I IP20



Code	Type	Product name
M50M2	T2MF	3-circuit track, white, 2 metres (surface)
M50M3	T2MF	3-circuit track, white, 3 metres (surface)
M50M4	T2MF	3-circuit track, white, 4 metres (surface)
M50Z2	T2ZG	3-circuit track, gray, 2 metres (surface)
M50Z3	T2ZG	3-circuit track, gray, 3 metres (surface)
M50Z4	T2ZG	3-circuit track, gray, 4 metres (surface)
M50B2	T2BF	3-circuit track, black, 2 metres (surface)
M50B3	T2BF	3-circuit track, black, 3 metres (surface)
M50B4	T2BF	3-circuit track, black, 4 metres (surface)
M50D2	T2AD	3-circuit track, anthracite, 2 metres (surface)
M50D3	T2AD	3-circuit track, anthracite, 3 metres (surface)
M50D4	T2AD	3-circuit track, anthracite, 4 metres (surface)

Recessed track

16 A 250/400 VAC 50 Hz CLASS I IP20



Code	Type	Product name
M50R2	T2RF	3-circuit track, white, 2 metres (recessed)
M50R3	T2RF	3-circuit track, white, 3 metres (recessed)
M50R4	T2RF	3-circuit track, white, 4 metres (recessed)
M50Z2	T2ZFG	3-circuit track, gray, 2 metres (recessed)
M50Z3	T2ZFG	3-circuit track, gray, 3 metres (recessed)
M50Z4	T2ZFG	3-circuit track, gray, 4 metres (recessed)
M50B2	T2BFB	3-circuit track, black, 2 metres (recessed)
M50B3	T2BFB	3-circuit track, black, 3 metres (recessed)
M50B4	T2BFB	3-circuit track, black, 4 metres (recessed)
M50D2	T2DFAD	3-circuit track, anthracite, 2 metres (recessed)
M50D3	T2DFAD	3-circuit track, anthracite, 3 metres (recessed)
M50D4	T2DFAD	3-circuit track, anthracite, 4 metres (recessed)

Coloured lighting tracks

Painted (RAL colour) and decorated (Decoral)



Code	Type	Product name
M50M2	T2CS	3-circuit track, colour RAL, 2 metres (surface)
M50M3	T2CS	3-circuit track, colour RAL, 3 metres (surface)
M50M4	T2CS	3-circuit track, colour RAL, 4 metres (surface)
M50D2	T2CD	3-circuit track, decorated, 2 metres (surface)
M50D3	T2CD	3-circuit track, decorated, 3 metres (surface)
M50D4	T2CD	3-circuit track, decorated, 4 metres (surface)
M50R2	T2RFS	3-circuit track, colour RAL, 2 metres (recessed)
M50R3	T2RFS	3-circuit track, colour RAL, 3 metres (recessed)
M50R4	T2RFS	3-circuit track, colour RAL, 4 metres (recessed)

Joining unit

Joining unit for all unipro® lighting tracks.



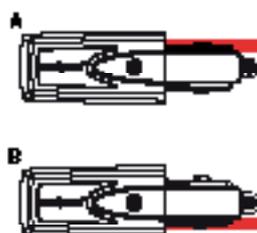
Code	Type	Product name
1460100	JE	Joining unit <i>includes covers in black and gray</i>

When required, the alternative colored cover on top of the white one

Power supply

Connection unit. Screw terminals for stranded or solid (3x1.5 mm² – 5x2.5 mm²) wires.

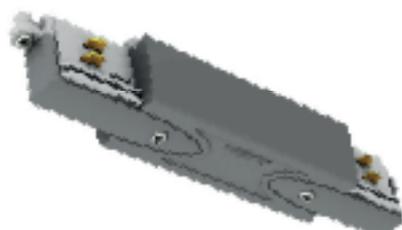
Select the correct wiring option.



Code	Type	Product name
1460201	CLEAB	Connection unit, white (wiring A)
1460202	CLEBB	Connection unit, white (wiring B)
1460221	CLEAG	Connection unit, gray (wiring A)
1460222	CLEBG	Connection unit, gray (wiring B)
1460231	CLEAB	Connection unit, black (wiring A)
1460232	CLEBB	Connection unit, black (wiring B)

Middle connection

Power supply option. Terminals for stranded or solid (3x1.5 mm² – 5x2.5 mm²) wires.



Code	Type	Product name
1460201	MECAB	Middle connection unit, white
1460231	MECAG	Middle connection unit, gray
1460231	MECBB	Middle connection unit, black

L-corner

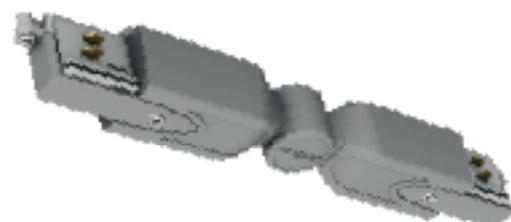
Power supply option. Terminals for stranded or solid (3x1.5 mm² – 5x2.5 mm²) wires. The wiring line position can be changed on site, by screwing the lid open, turning the frame by 180°, and by screwing the lid back on.



Code	Type	Product name
1460301	LECAB	L-corner, white
1460301	LECAG	L-corner, gray
1460301	LECBB	L-corner, black

Adjustable corner piece

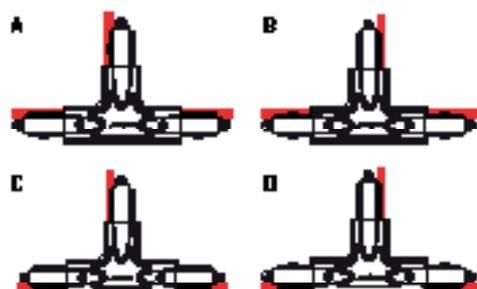
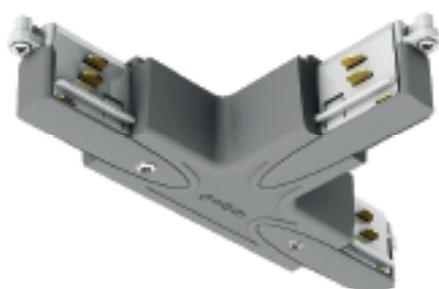
Horizontal adjustment range 0 ± 120°.



Code	Type	Product name
1460351	ALECAB	Adjustable corner piece, white
1460351	ALECAG	Adjustable corner piece, gray
1460351	ALECBB	Adjustable corner piece, black

T-piece

Power supply option. Terminals for stranded or solid (3x1.5 mm² – 5x2.5 mm²) wires.



Code	Type	Product name
145011	TA24W	T-piece, white (routing A)
145012	TA24B	T-piece, white (routing B)
145013	TA24C	T-piece, white (routing C)
145014	TA24D	T-piece, white (routing D)
145021	TA24G	T-piece, gray (routing A)
145022	TA24B	T-piece, gray (routing B)
145023	TA24C	T-piece, gray (routing C)
145024	TA24D	T-piece, gray (routing D)
145031	TA24B	T-piece, black (routing A)
145032	TA24B	T-piece, black (routing B)
145033	TA24C	T-piece, black (routing C)
145034	TA24D	T-piece, black (routing D)

X-piece

Power supply option. Terminals for stranded or solid (3x1.5 mm² – 5x2.5 mm²) wires.



Code	Type	Product name
145071	XA24W	X-piece, white
145072	XA24G	X-piece, gray
145073	XA24B	X-piece, black

Adapter

The unipro® ABB adapter is used when connecting 1- or 3-circuit devices or lamps to the unipro® lighting track.



Code	Type	Product name
145001	A100W	Adapter, white
145002	A100G	Adapter, gray
145003	A100B	Adapter, black

Features	
Rated value	16A, 250/400 VAC, 50/60 Hz
Protection class	IP20
Connecting wire	2x1.5 mm ² – 5x2.5 mm ²
Pull strength	100N
Coating material	Self-extinguishing polyacrylate, class VII
Quality and safety	Tested in accordance with the standards: EN 60598 and EN 60908.

End cap

Plastic



Code	Type	Product name
MS0281	ECW	End cap, white
MS0282	ECG	End cap, gray
MS0283	ECB	End cap, black

Ceiling bracket

Steel, can be used with the products WS15, WS40, WS60, and TRMG.



Code	Type	Product name
MS0401	CEW	Ceiling bracket, white
MS0402	CEG	Ceiling bracket, gray
MS0403	CEB	Ceiling bracket, black

Pendant bracket

Steel. Can be used with the hooked wire suspension set WS40H, or just with cables.



Code	Type	Product name
MS0407	PBW	Pendant bracket, white
MS0408	PBG	Pendant bracket, gray
MS0409	PBB	Pendant bracket, black

Adjustable pendant bracket

Adjustment range 0 – 30 mm. Can be used with the threaded rod TRMG.



Code	Type	Product name
MS0404	PBA W	Adjustable pendant bracket, white
MS0405	PBA G	Adjustable pendant bracket, gray
MS0406	PBA B	Adjustable pendant bracket, black

Pendant coupler

Steel. Recommended to be used where two tracks have been joined with the joining unit JJJ.



Code	Type	Product name
MS0421	PC W	Pendant coupler, white
MS0422	PC G	Pendant coupler, gray
MS0423	PC B	Pendant coupler, black

Ceiling bracket with cup

Can be used with the threaded rod TRMG.



Code	Type	Product name
MS0424	CCE W	Ceiling bracket with cup, white
MS0425	CCE B	Ceiling bracket with cup, black

Quick connector

Can be used with the wire suspension sets WS15, WS40 and WS60, as well as with the threaded rod TRMG.

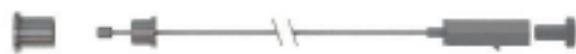


Code	Type	Product name
MS0400	QCW	Quick connector

Wire suspension set

WS sets intended for the CB3 and GC3 connectors and brackets, the WS-4SH set is intended for the PB and PC connector and bracket.

WS3-WS5



WS-4SH



Code	Type	Product name
WS4T0	WS5	Adjustable wire suspension set, length 1.5 m
WS4T1	WS40	Adjustable wire suspension set, length 4.0 m
WS4T2	WS50	Adjustable wire suspension set, length 5.0 m
WS4T4	WS4SH	Adjustable wire suspension set with hook, length 4.0 m

Wall bracket

Steel, recommended to be used with the ceiling bracket CB3.



Code	Type	Product name
WS426	WB W	Wall bracket, white
WS427	WB B	Wall bracket, black

Ceiling bracket

Steel, can be attached directly to the 24 mm T-bar.

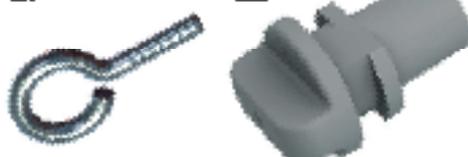


Code	Type	Product name
WS451	CB3W T-BAR	Ceiling bracket T-bar, white
WS452	CB3G T-BAR	Ceiling bracket T-bar, grey
WS453	CB3B T-BAR	Ceiling bracket T-bar, black

Suspension clamp and suspension hook

SH

SC3

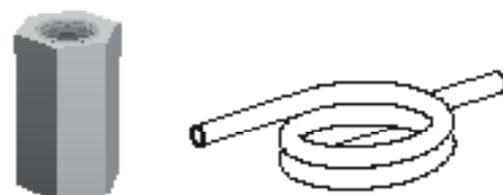


Code	Type	Product name
WS440	SC3 W	Suspension clamp, white
WS441	SC3 G	Suspension clamp, grey
WS442	SC3 B	Suspension clamp, black
WS443	SH	Suspension hook

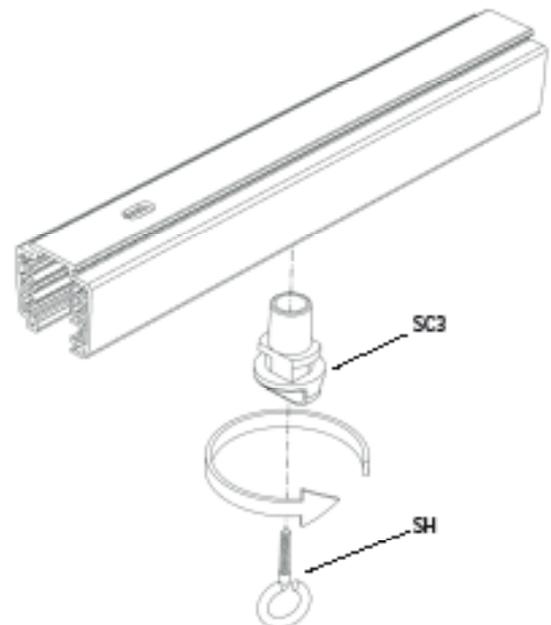
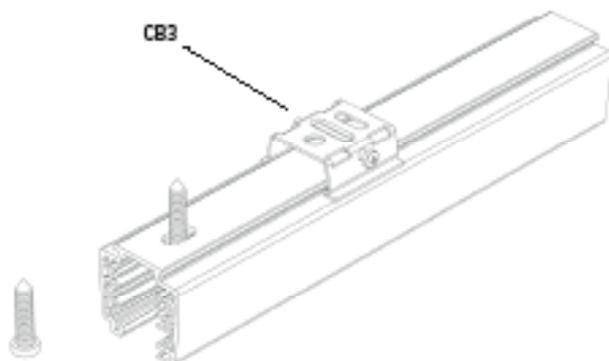
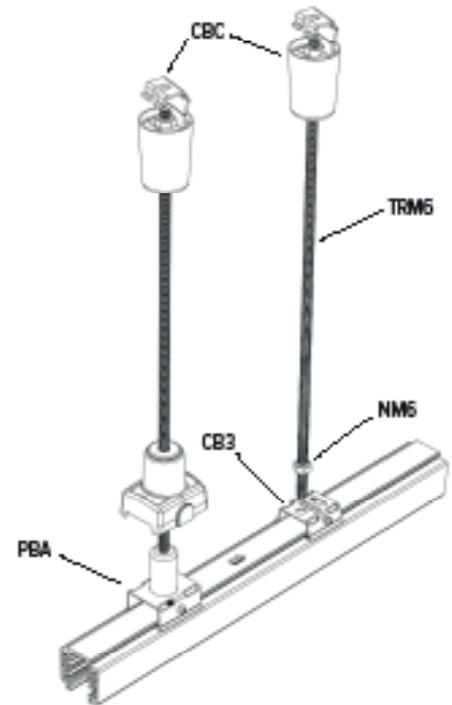
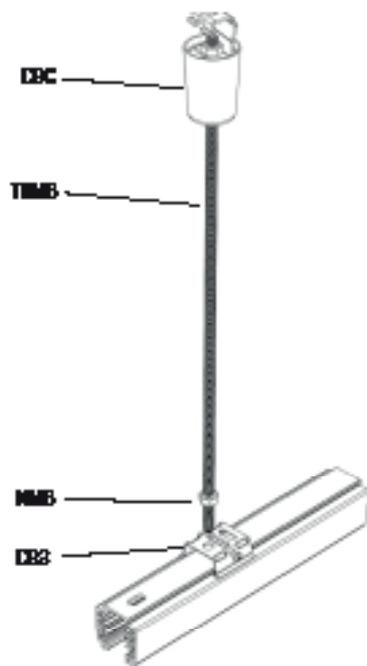
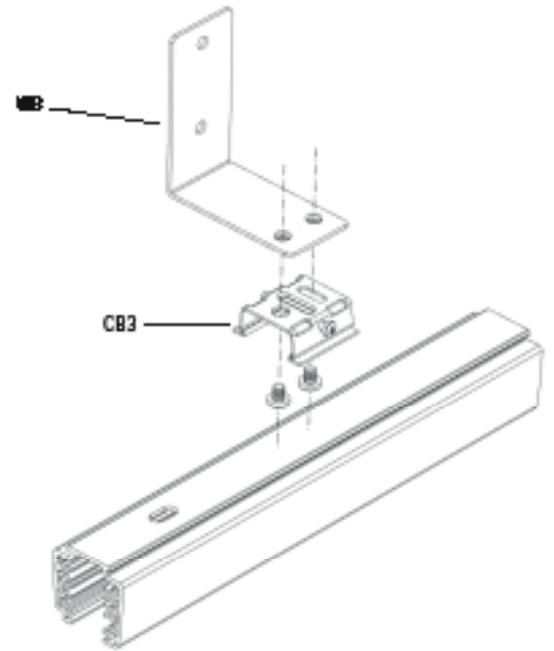
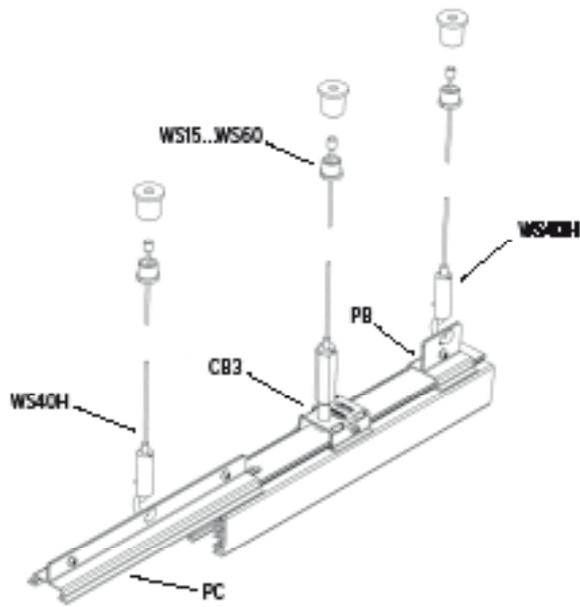
Other mounting equipment

EM6

TRW



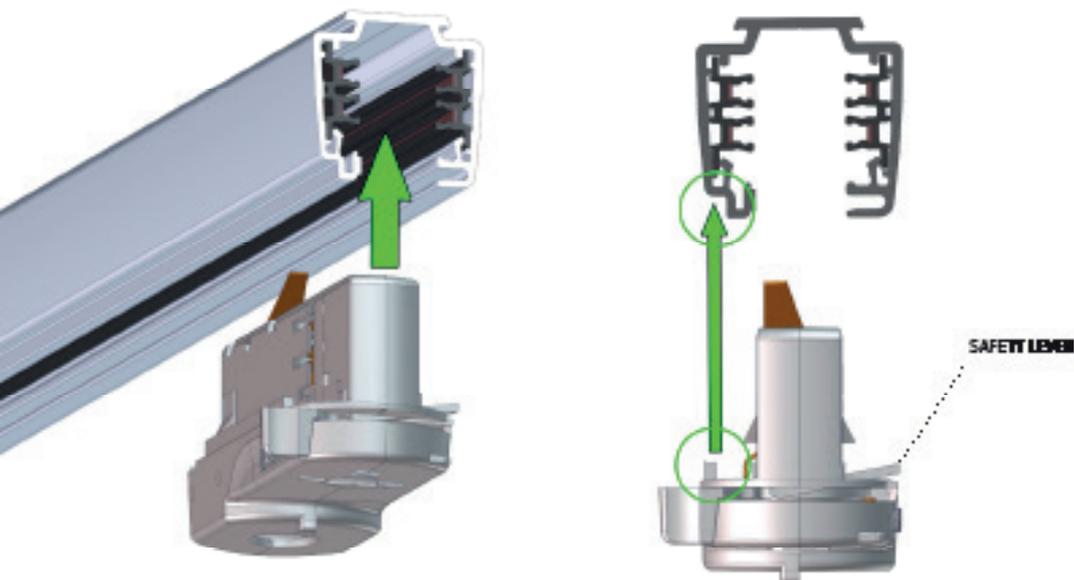
Code	Type	Product name
WS423	TR6	Threaded rod BR, length 1.0 m
WS425	EM6	Extension nut for the threaded rod BR
WS426	TRW	Plastic tube for the threaded rod BR, white
WS427	NMB	Galvanized nut BR



Installation of the unipro® A76 adapter to a 3-circuit lighting track

1. Make sure that the adapter is the right way up

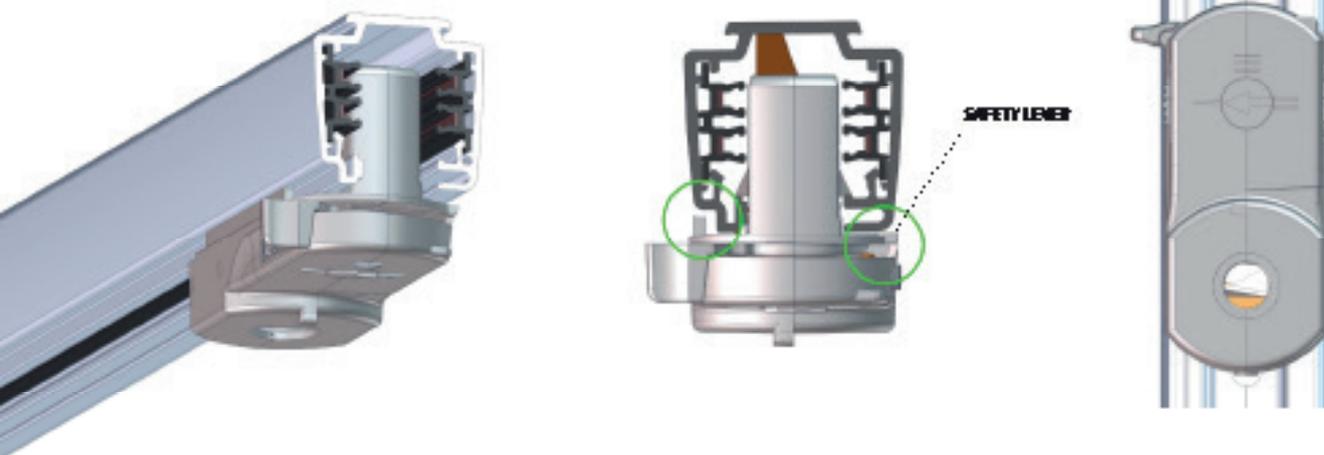
The rib of the adapter is on the same side as the groove in the lighting track.



2. Press the adapter to the lighting track

Ensure that the safety lever is pressed to the bottom, against the lighting track.

The rib of the adapter is pressed into the groove in the lighting track.



3. Turn the locking lever to lock the adapter in its place.

The locking lever is parallel to the lighting track when the adapter is locked.

DO NOT PRESS THE LOCKING LEVER UPWARDS WHEN LOCKING THE ADAPTER

