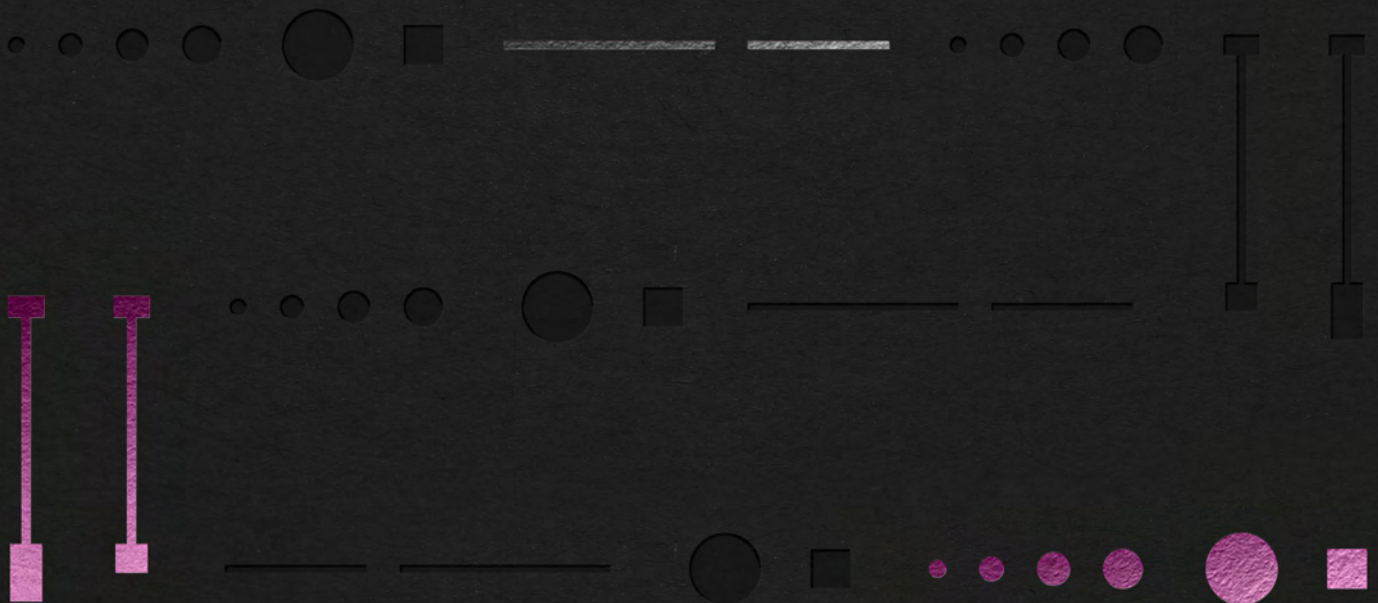


MiniLINE

HOME & DECOR
by LOONARI



LOONARI





MINILINE



← JOIN US ON INSTAGRAM

Catalog current status: **Sierpień, 2025**

All measurements and technical data given in the catalogue are informational only. Due to the production process actual parameters of the products may slightly differ from information provided in the catalogue.

The most up-to-date data and actual technical information can be found on product cards, manuals or our website: **loonari.eu**

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GET IN CONTACT

We're more than just a lamp provider – we're your partner in creating the perfect lighting. Starting with lighting design and continuing through the selection of the right products and control system, we will support you throughout the system set up and commissioning process.

If needed, you can count on our post-warranty service too. Tell us about your project: **hello@loonari.eu**

DISTRIBUTION



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+48 539 982 819

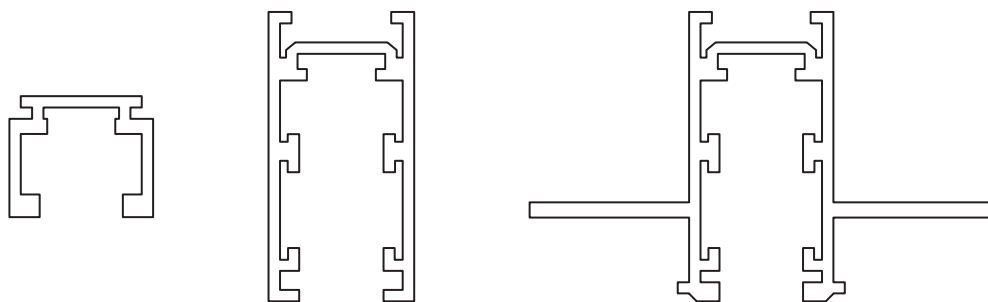
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MINILINE SYSTEM

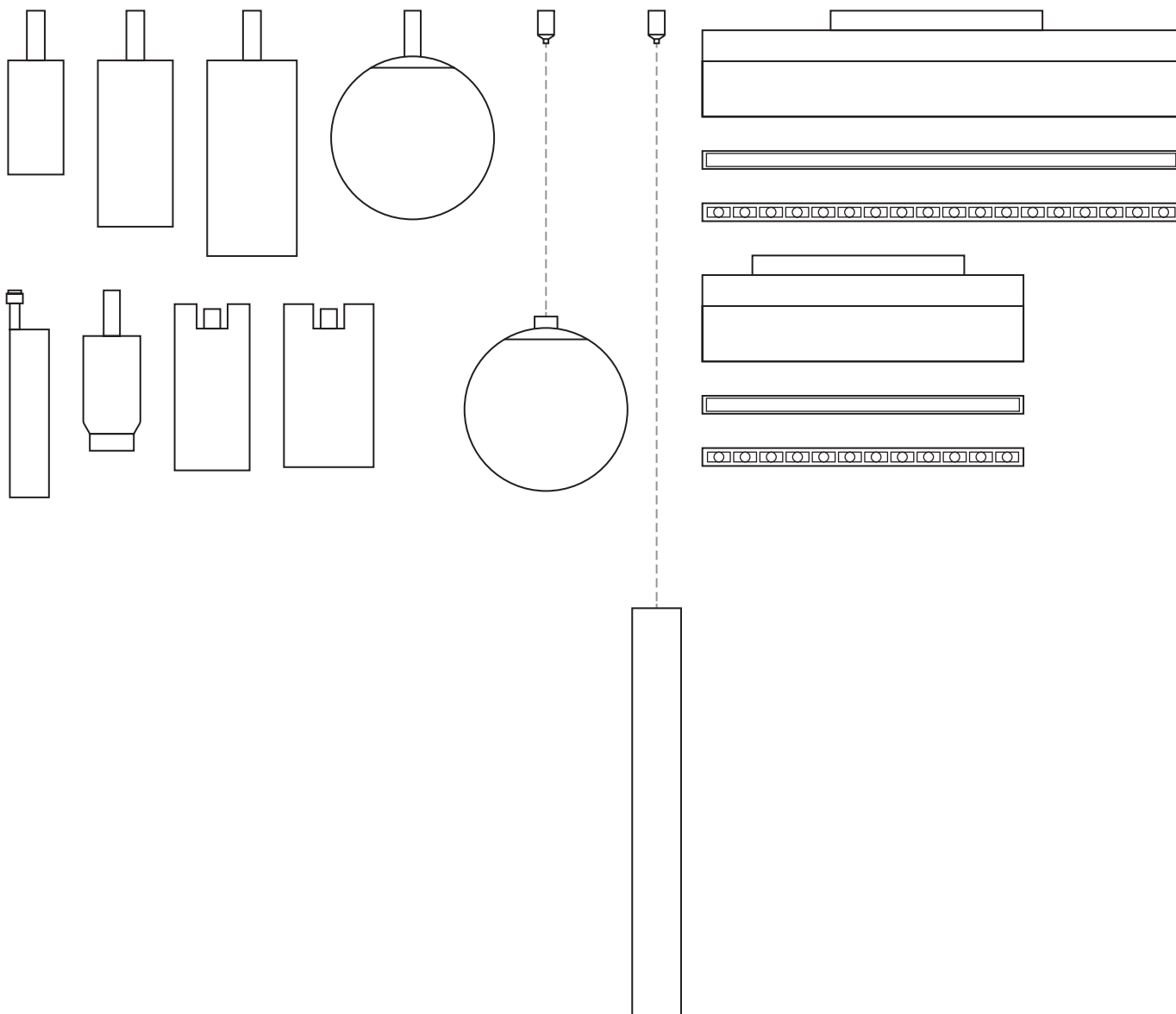
LOONARI | 6
MiniLINE LIGHTING SYSTEM



3 models of tracks

2 available colours ○ ●

2 working modes: non-dimmable / DALI



12 light fixtures*

2 colour temperatures

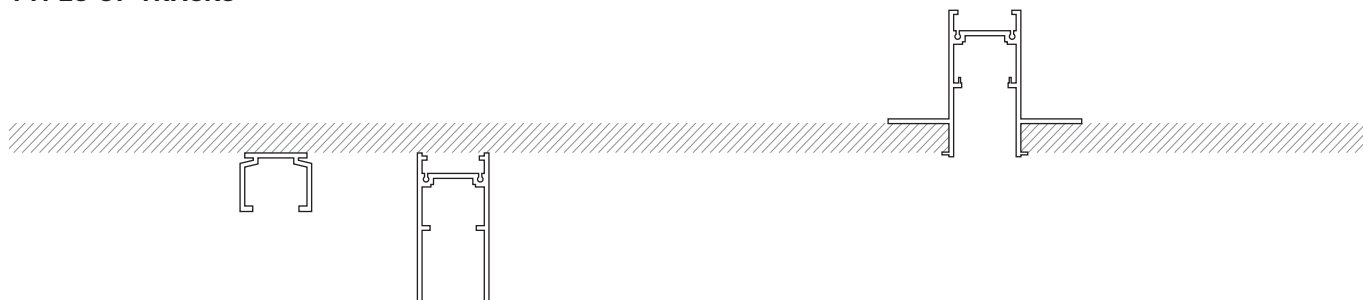
2 available colours ○ ●

4 external drivers

3 types of fixtures: spotlights / linearlights / pendants

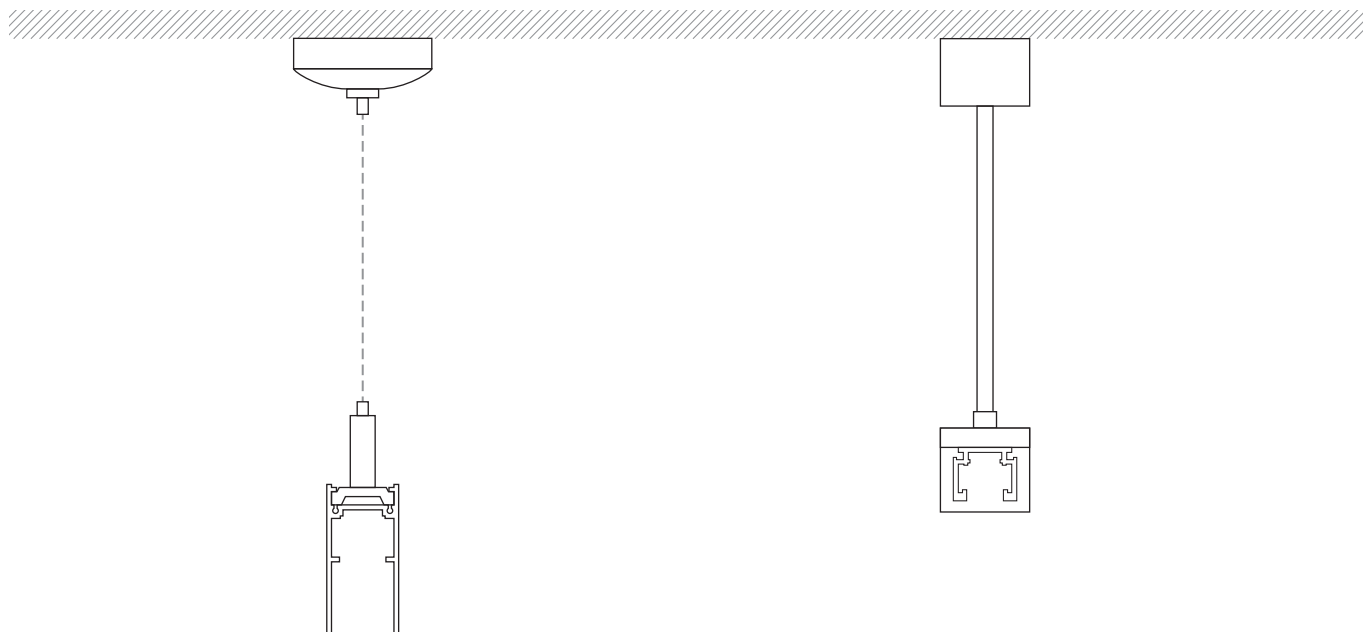
**Module lengths depend of product*

TYPES OF TRACKS



Surface mounted: TRACK TYPE A / B

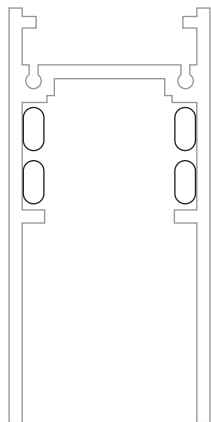
Recessed: TRACK TYPE C



Pendant: TRACK TYPE B

Multi-level: TRACK TYPE A

GENERAL INFORMATIONS FOR ALL OF TRACKS



Wire 2,1 mm x 0,6 mm -> 1,26 mm²

Upper wires – power supply

Lower wires – DALI

Maximum voltage drop for stable work is 3%.

Maximum voltage on track is 48 V

DALI signal interference is less than 2 mA
for every lamp configuration.

DALI functionality depend of smart solution
provider.

Ta for MiniLINE system is 25°C.

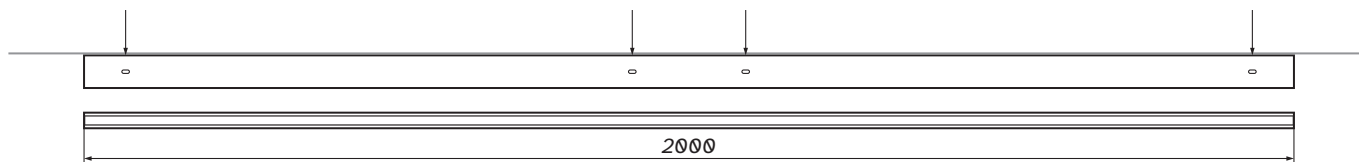
SAFETY INFORMATION

All installation and mounting services must be performed by persons with the appropriate permits and qualifications. If necessary, please contact a qualified electrician. Do not connect the track directly to the 230V 50Hz AC mains, as this may cause luminaire failure. Do not use the product if the housing or supply cable insulation is damaged. This device is intended for indoor use only.

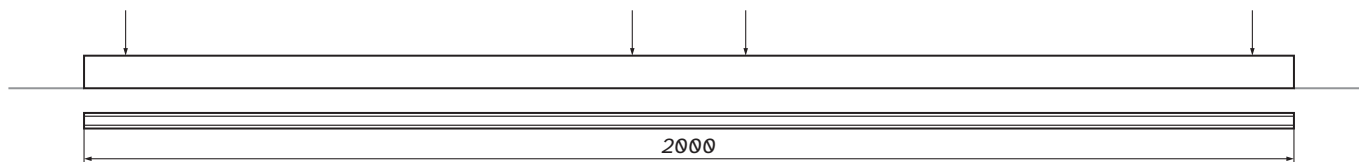


MOUNTING HOLES / TRACK LIGHT LIFTING CAPACITY

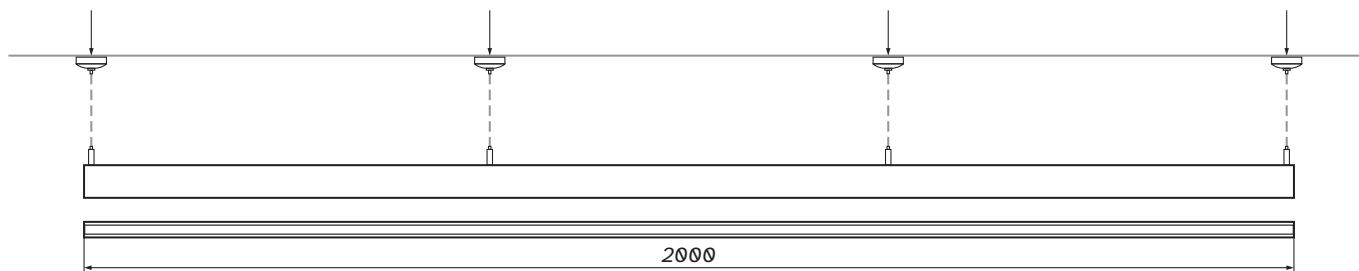
A 2 meter track has four Ø 5 mm mounting holes set in an distances. Use two mounting accessories (screws, springs, pendant sets) for every 1m of track. The maximum track lifting capacity is 3 kg/meter.



Surface mounted



Recessed

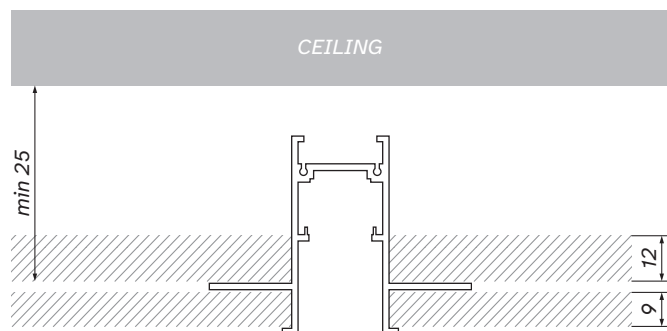


Pendant

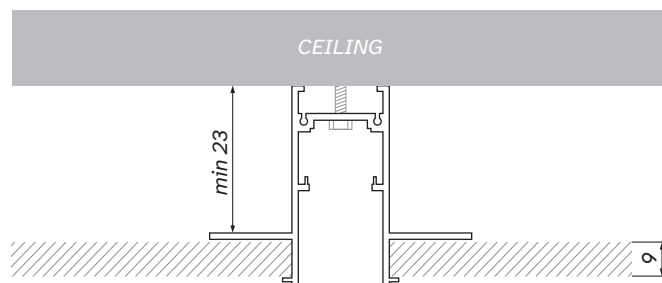
RECESSED TRACK MONTAGE POSSIBILITIES

PRO TRACK TYPE C

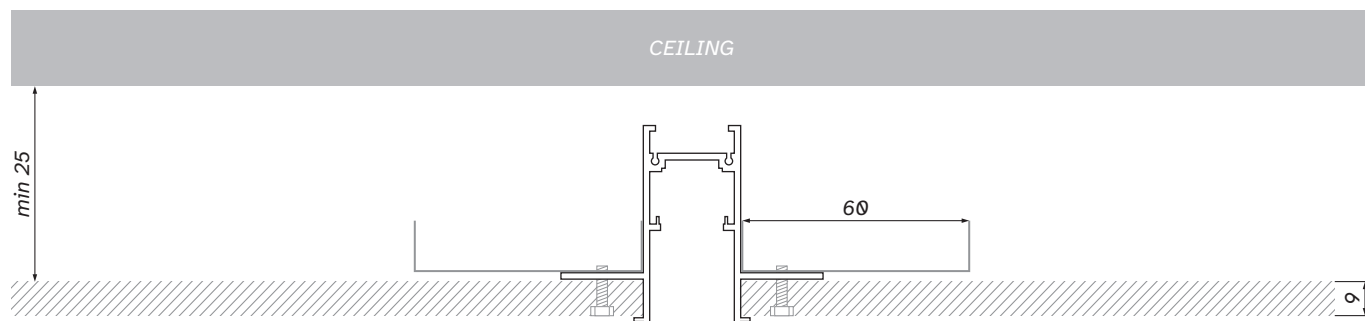
mounting hole: 19 mm



plasterboards: 12 mm + 9 mm



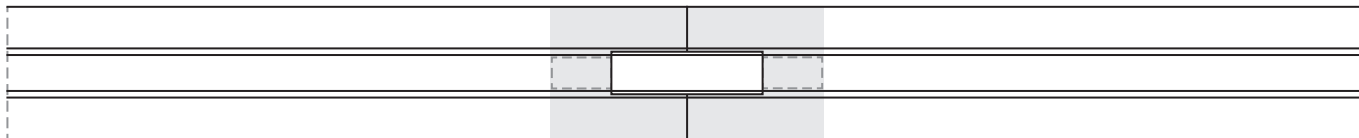
anchoring to the ceiling: 9 mm



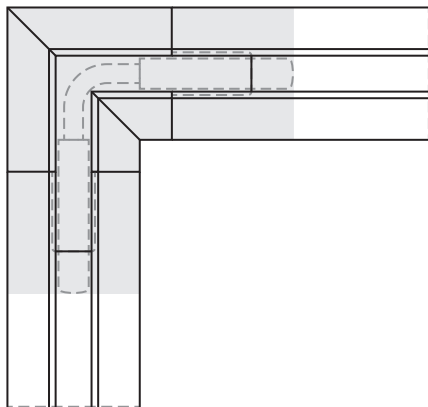
anchoring to the ceiling structure / 60 wide aluminum profiles

EXAMPLES OF TRACK FITTINGS

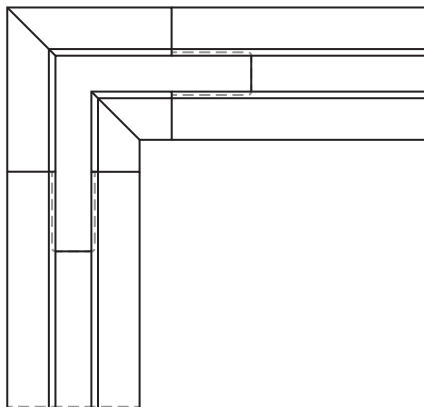
Light fixture cannot be applied on the track in the same spot as the connector.



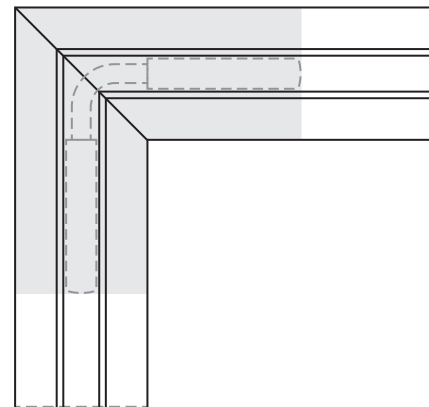
Mechanical + electrical connector



Mechanical + electrical connector

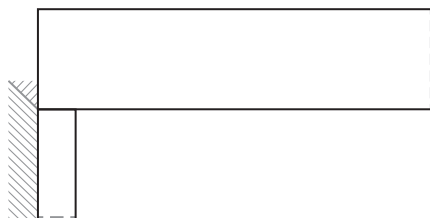


Mechanical connector

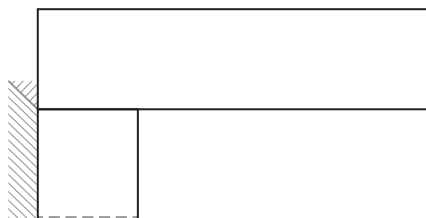


Electrical connector

EXAMPLES OF TRACKS MIXING



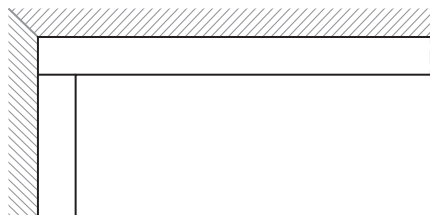
PRO TRACK TYPE A + recessed track



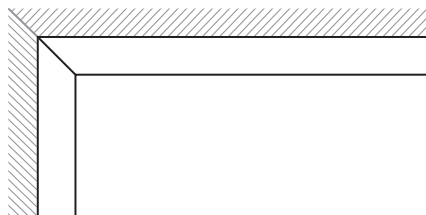
PRO TRACK TYPE B + recessed track



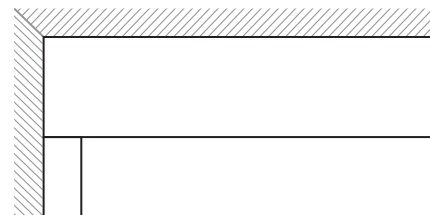
Recessed track types



PRO TRACK TYPE A + A

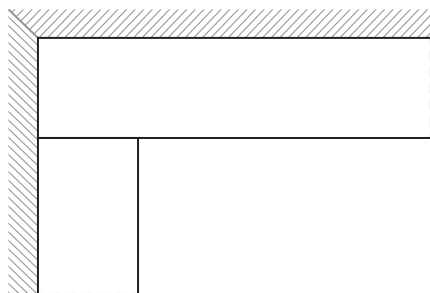


PRO TRACK TYPE A + A / 45° cut

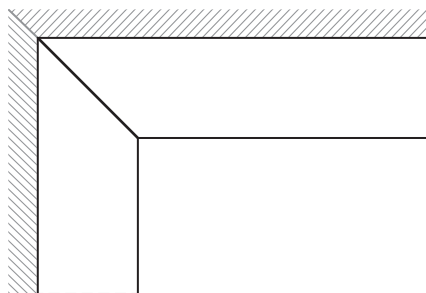


PRO TRACK TYPE A + B

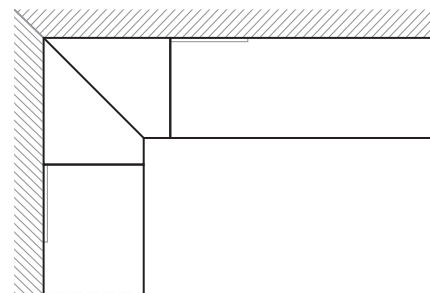
FITTING TO WALL AND CEILING FOR PRO TRACK TYPE B



PRO TRACK TYPE B + B

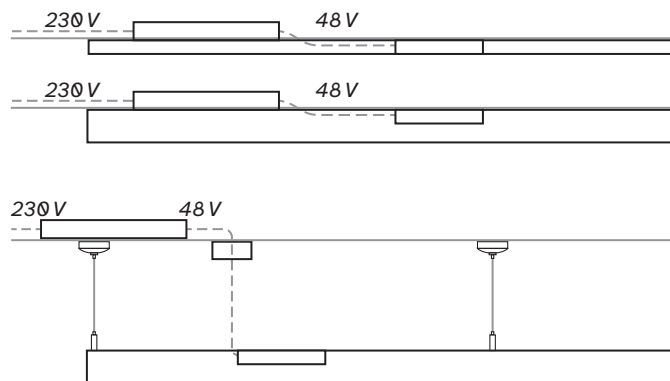


45° cut



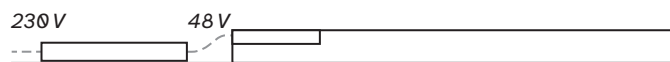
Internal connector

EXTERNAL POWER SUPPLY



TRACK TYPE A / B

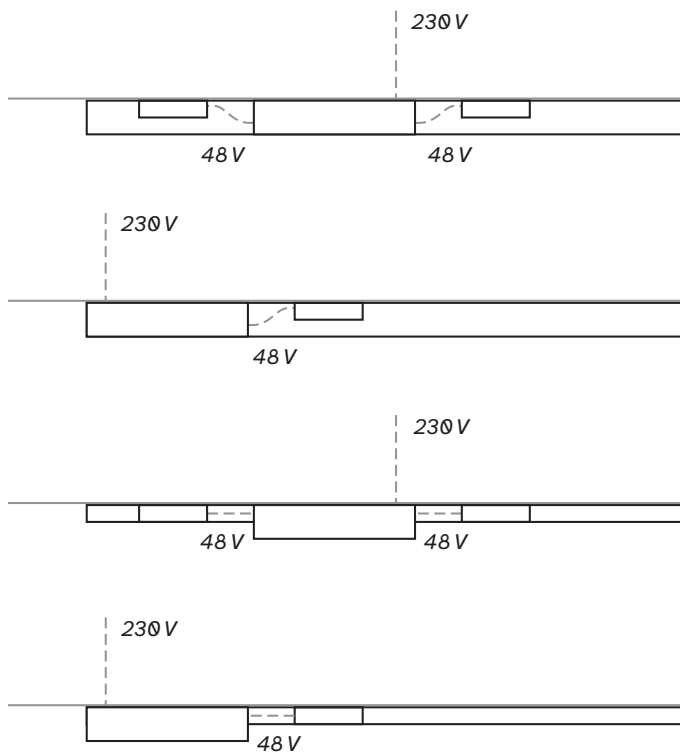
Power unit can be located in any place on the track.



TRACK TYPE C

Power unit must be accessible from outside for service purposes.

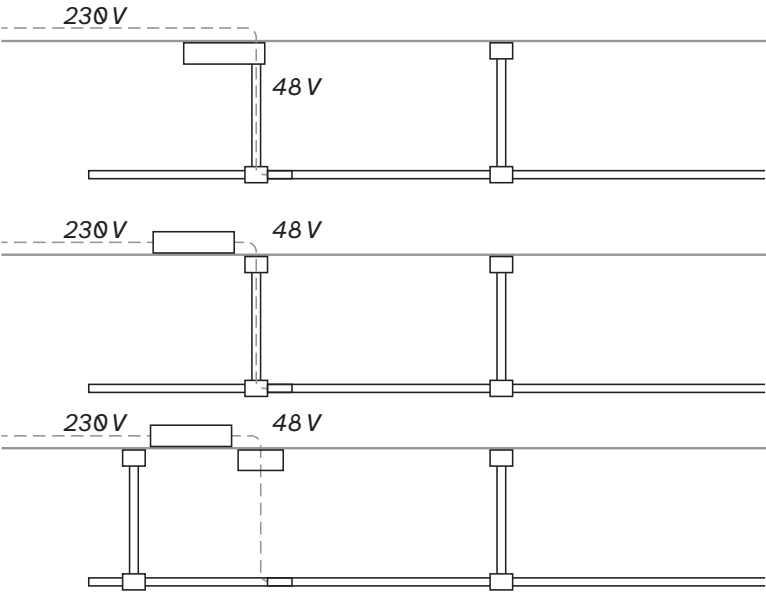
INTERNAL POWER SUPPLY



TRACK TYPE A / B

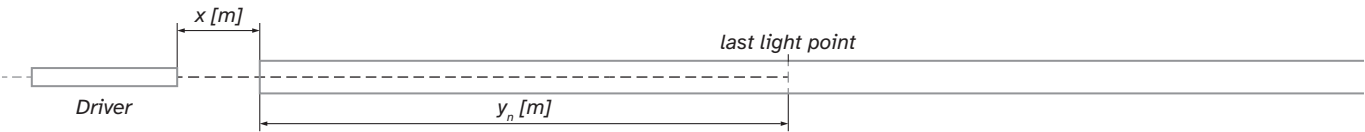
Power unit can be located in any place on the track.

EXTERNAL POWER SUPPLY



Multi-level: TRACK TYPE A

DISTANCE BETWEEN TRACK AND DRIVER



Power of supply	60 W	100 W	150 W	200 W	
	$y \leq 25$	$y \leq 15$	$y \leq 11$	$y \leq 8$	for $x = 0$ m
	$y < 20$	$y < 13$	$y \leq 8$	$y \leq 5$	for $x = 5$ m
	$y < 15$	$y \leq 10$	$y \leq 5$	$y \leq -$	for $x = 10$ m
	$y < 10$	$y \leq 7$	$y \leq -$	$y \leq -$	for $x = 15$ m

Matrix for copper wire 58 mS/m | 1,5 mm²

HOW TO CALCULATE THE POWER OF THE POWER SUPPLY FOR 48 V TRACK SYSTEMS

For proper power supply calculation, sum the current drawn by the luminaires installed in the system (expressed in mA) and the total power consumption of the luminaires (expressed in W). The selected power supply must meet both parameters.

e.g.:
 $3 \times 150 + 3 \times 600 = 2250 \text{ [mA]}$ $3 \times 7 + 3 \times 12 = 57 \text{ [W]}$
2250 [mA] + 10% **57 [W] + 10%**

In this example, the minimum power
of the power supply is 150 W

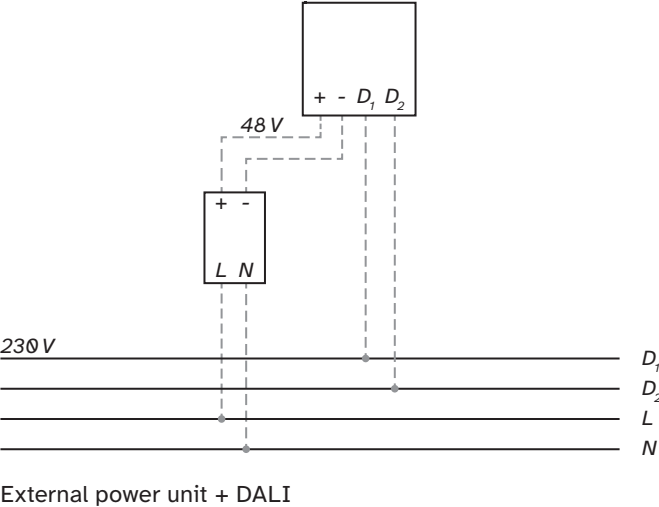
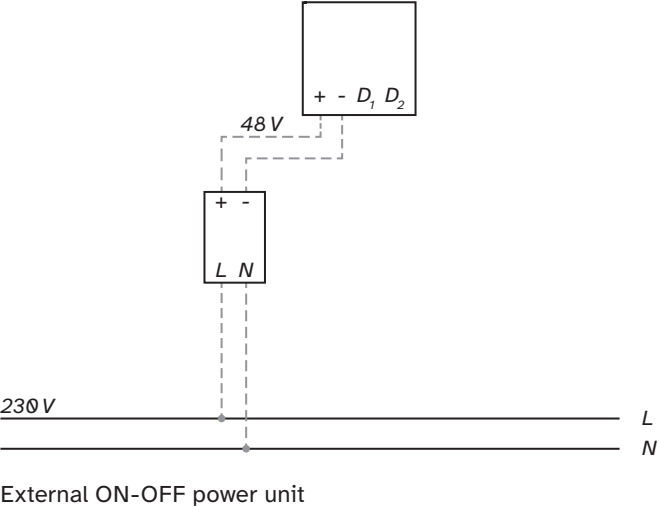
Power of supply	60 W	100 W	150 W	200 W	250 W	300 W	480 W
Current	1250 mA	2100 mA	3125 mA	4160 mA	5200 mA	6250 mA	10 000 mA
Type of driver	external	external internal	external internal	external	external	external	DIN

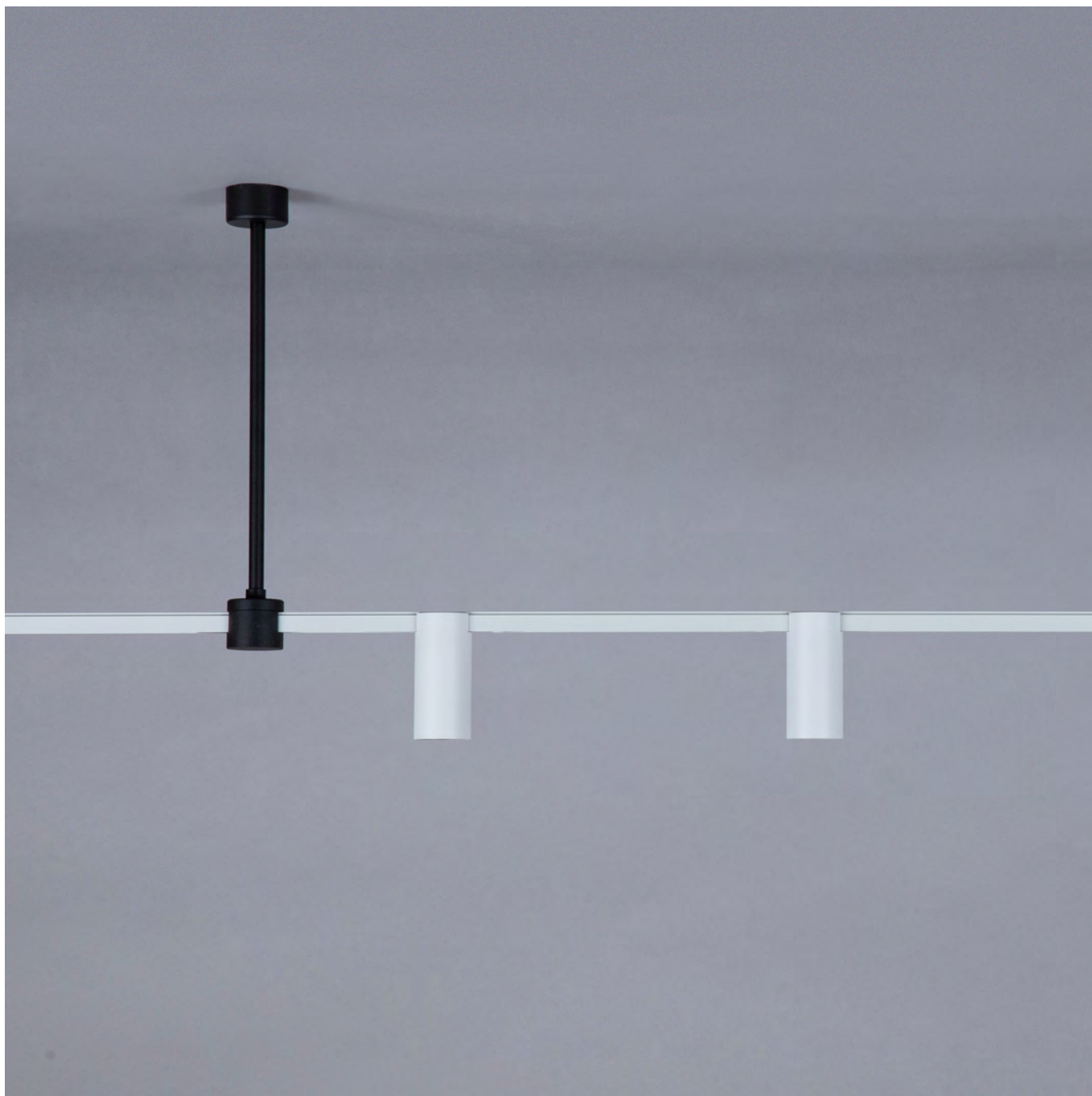
ELECTRICAL PARAMETERS OF LIGHTING FIXTURES

	[W]*	[mA]	POWER REDUCTION POSSIBILITIES		[W]*	[mA]	POWER REDUCTION POSSIBILITIES
Spot	6	150	-	Stripe	10	250	-
Spot	10	250	-	Stripe	14	350	-
Spot	14	350	-	Stripe	18	500	-
Mini Spot	6	400	-	Ebro P	6	150	-
Zoom Spot	6	150	-	T30	6	150	-
Point RO	10	250	-				
Point SQ	10	250	-				
Dots Spot	10	250	-				
Dots Spot	14	350	-				
Stripe Spot	10	250	-				
Stripe Spot	14	350	-				
Ebro	6	150	-				
Dots	10	250	-				
Dots	14	350	-				



ON-OFF ELECTRICAL DIAGRAM / DALI





COMPATIBILITY

accessory / track	TYPE A	TYPE B	TYPE C
Front cover	yes	yes	yes
End cover	yes	yes	yes
Driver cover set	yes	-	-
Mid-position power supply module	yes	yes	-
End-mounted power supply module	yes	yes	-
Power supply	yes	yes	yes
Connector L 90°	yes	yes	yes
Internal connector 90°	yes	yes	yes
Straight connector	yes	yes	yes
Single multi-level installation	yes	-	-
Double multi-level installation	yes	-	-
Suspension kit	-	yes	-
Textile-covered cable	yes	yes	-
Ceiling box	yes	yes	-

COMPATIBILITY

lamp / track	TYPE A	TYPE B	TYPE C
Spot	yes	yes	yes
Mini Spot	yes	yes	yes
Zoom Spot	yes	yes	yes
Point RO	yes	-	-
Point SQ	yes	-	-
Dots Spot	yes	yes	yes
Stripe Spot	yes	yes	yes
Ebro TR	yes	yes	yes
Dots	yes	yes	yes
Stripe	yes	yes	yes
Ebro P	yes	yes	yes
T30	yes	yes	yes













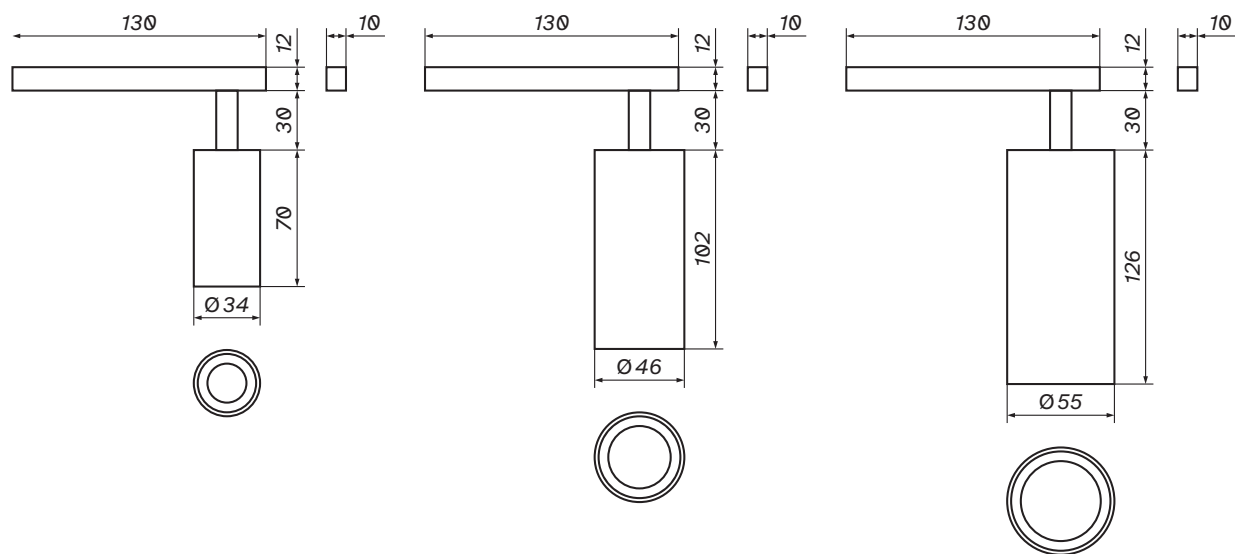
SPOT

S / M / L

LOONARI | 30
MiniLINE SPOT



 Lifetime 35 000 h	 Beam angle 50°	 CRI 90	 Voltage 48 V	 Protection class IP20
	S	M	L	
Wattage	6 W	10 W	14 W	
Colour temperature	3000 K 4000 K	3000 K 4000 K	3000 K 4000 K	
Luminous flux	425 lm 450 lm	820 lm 860 lm	1162 lm 1220 lm	
Dimming functionality	none / DALI	none / DALI	none / DALI	
Mounting method	in 48 V track	in 48 V track	in 48 V track	
Second circuit	no	no	no	
Colour	☐ ☒	☐ ☒	☐ ☒	



1:4

product code

S	none	3000 K	○	706329	●	706305
		4000 K	○	706336	●	706312
	DALI	3000 K	○	400796	●	400802
		4000 K	○	400819	●	400826

M	none	3000 K	○	706367	●	706343
		4000 K	○	706374	●	706350
	DALI	3000 K	○	400833	●	400840
		4000 K	○	400857	●	400864

L	none	3000 K	○	706404	●	706381
		4000 K	○	706411	●	706398
	DALI	3000 K	○	400871	●	400888
		4000 K	○	400895	●	400901

MINI SPOT

LOONARI | 32

MiniLINE MINI SPOT



1:4

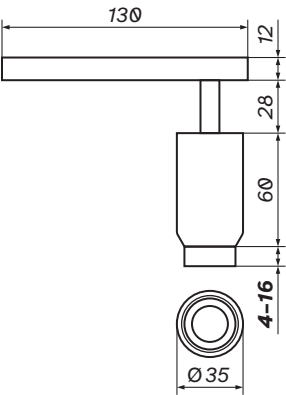
 Lifetime 35 000 h	 Beam angle 40°	 CRI 90	 Voltage 48 V	 Protection class IP20
---	--	--	---	---

Wattage	6 W
Colour temperature	3000 K 4000 K
Luminous flux	310 lm 320 lm
Dimming functionality	none / DALI
Mounting method	in 48 V track
Second circuit	no
Colour	☐ ☒

product code					
none	3000 K	☐	706282	☒	706268
	4000 K	☐	706299	☒	706275
DALI	3000 K	☐	400918	☒	400925
	4000 K	☐	400932	☒	400949

ZOOM SPOT

LOONARI | 33
MiniLINE ZOOM SPOT



1:4

 Lifetime 35 000 h	 Beam angle 15-36°	 CRI 90	 Voltage 48 V	 Protection class IP20
---	---	--	---	---

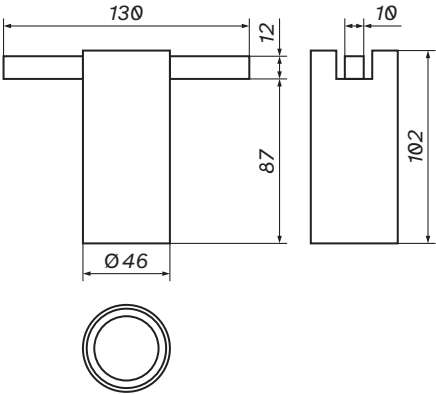
Wattage	6 W
Colour temperature	3000 K 4000 K
Luminous flux	250 lm 260 lm
Dimming functionality	none / DALI
Mounting method	in 48 V track
Second circuit	no
Colour	☐ ☒

product code					
none	3000 K	☐	706442	☒	706428
	4000 K	☐	706459	☒	706435
DALI	3000 K	☐	400956	☒	400963
	4000 K	☐	400970	☒	400987

POINT RO

LOONARI | 34

MiniLINE POINT RO



1:4

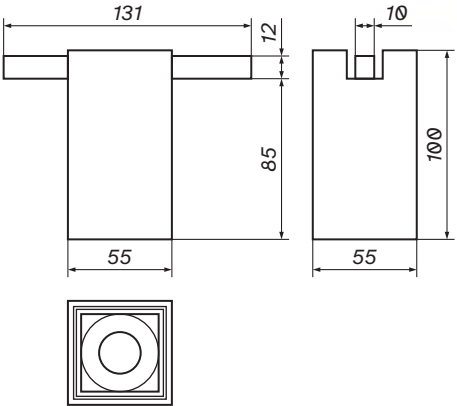
 Lifetime 35 000 h	 Beam angle 50°	 CRI 90	 Voltage 48 V	 Protection class IP20
---	--	--	---	---

Wattage	10 W
Colour temperature	3000 K 4000 K
Luminous flux	820 lm 860 lm
Dimming functionality	none / DALI
Mounting method	in 48 V track
Second circuit	no
Colour	○ ●

product code					
none	3000 K	○	706480	●	706466
	4000 K	○	706497	●	706473
DALI	3000 K	○	400994	●	401007
	4000 K	○	401014	●	401021

POINT SQ

LOONARI | 35
MiniLINE POINT SQ



1:4

 Lifetime 35 000 h	 Beam angle 36°	 CRI 90	 Voltage 48 V	 Protection class IP20
---	--	--	---	---

Wattage	10 W
Colour temperature	3000 K 4000 K
Luminous flux	841 lm 880 lm
Dimming functionality	none / DALI
Mounting method	in 48 V track
Second circuit	no
Colour	☐ ☒

product code					
none	3000 K	☐	706527	☒	706503
	4000 K	☐	706534	☒	706510
DALI	3000 K	☐	401038	☒	401045
	4000 K	☐	401052	☒	401069

DOTS SPOT

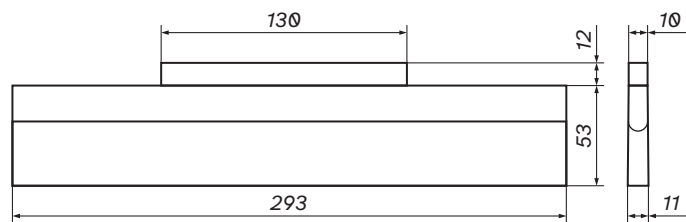
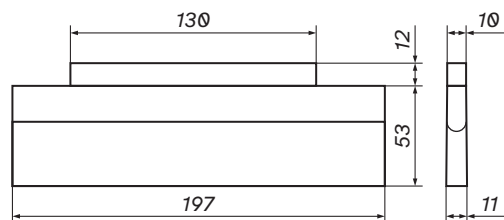
S / L

LOONARI | 36

MiniLINE DOTS SPOT



 Lifetime	 Beam angle	 CRI	 Voltage	 Protection class
35 000 h	36°	90	48 V	IP20
	S	L		
Wattage	10 W	14 W		
Colour temperature	3000 K 4000 K	3000 K 4000 K		
Luminous flux	557 lm 580 lm	856 lm 900 lm		
Dimming functionality	none / DALI	none / DALI		
Mounting method	in 48 V track	in 48 V track		
Second circuit	no	no		
Colour	☐ ☒	☐ ☒		



1:4

product code

S	none	3000 K	○	706121	●	706107
		4000 K	○	706138	●	706114
	DALI	3000 K	○	401076	●	401083
		4000 K	○	401090	●	401106
L	none	3000 K	○	706169	●	706145
		4000 K	○	706176	●	706152
	DALI	3000 K	○	401113	●	401120
		4000 K	○	401137	●	401144



STRIPE SPOT

S / L

LOONARI | 38

MiniLINE STRIPE SPOT

Lifetime
35 000 h



Beam angle
110°



CRI
90

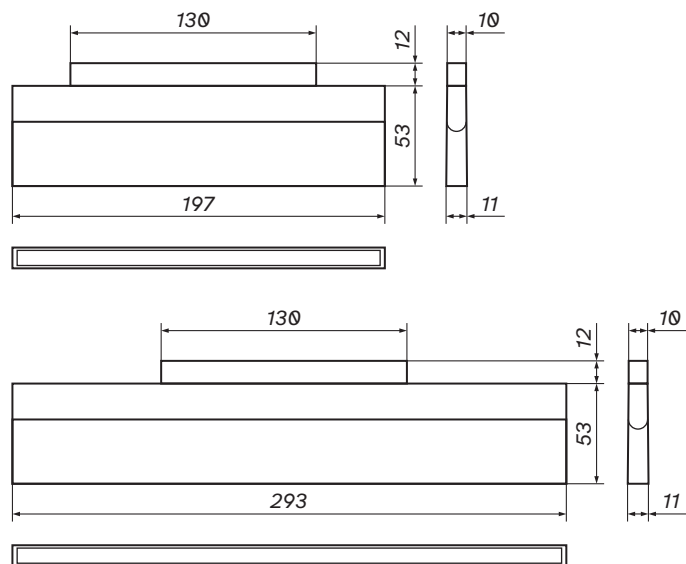


Voltage
48 V



Protection class
IP20

	S	L
Wattage	10 W	14 W
Colour temperature	3000 K 4000 K	3000 K 4000 K
Luminous flux	560 lm 580 lm	820 lm 860 lm
Dimming functionality	none / DALI	none / DALI
Mounting method	in 48 V track	in 48 V track
Second circuit	no	no
Colour	 	 



1:4

product code

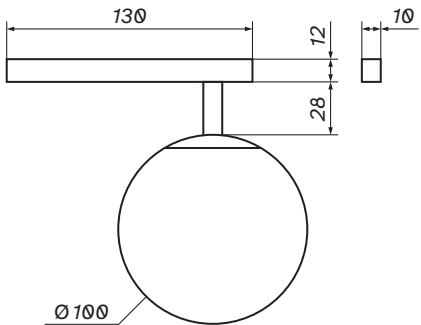
S	none	3000 K	○	706206	●	706183
		4000 K	○	706213	●	706190
	DALI	3000 K	○	401151	●	401168
		4000 K	○	401175	●	401182
L	none	3000 K	○	706220	●	706244
		4000 K	○	706237	●	706251
	DALI	3000 K	○	401199	●	401205
		4000 K	○	401212	●	401229



EBRO TR

LOONARI | 41

MiniLINE EBRO TR



1:4

 Lifetime 35 000 h	 Beam angle 330°	 CRI 90	 Voltage 48 V	 Protection class IP20
---	---	--	---	---

Wattage	6 W
Colour temperature	3000 K
Luminous flux	260 lm
Dimming functionality	none / DALI
Mounting method	in 48 V track
Second circuit	no
Colour	☐ ☒

product code

none	☐	706572	☒	706565
DALI	☐	401236	☒	401243

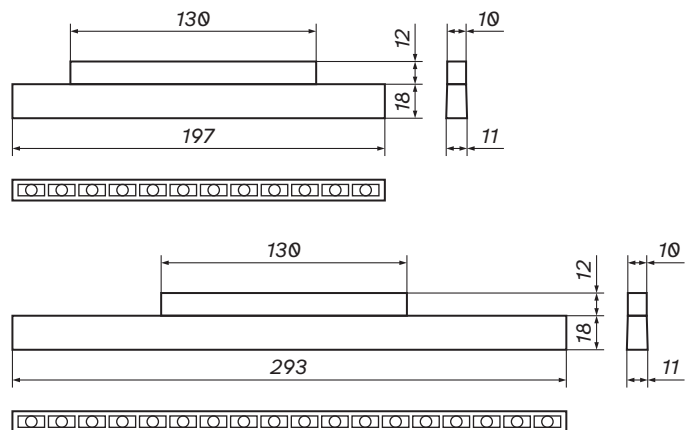
DOTS

S / L

LOONARI | 42
MiniLINE DOTS



	Lifetime 35 000 h			Beam angle 36°			CRI 90			Voltage 48 V			Protection class IP20	
	S			L										
Wattage	10 W			14 W										
Colour temperature	3000 K 4000 K			3000 K 4000 K										
Luminous flux	557 lm 580 lm			856 lm 900 lm										
Dimming functionality	none / DALI			none / DALI										
Mounting method	in 48 V track			in 48 V track										
Second circuit	no			no										
Colour	☐ ☒			☐ ☒										



1:4

product code

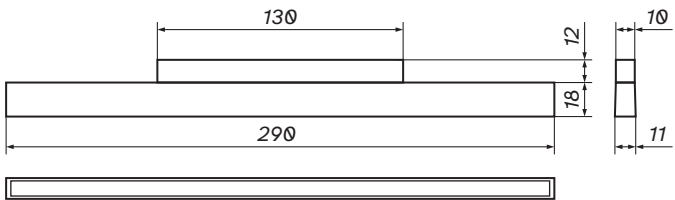
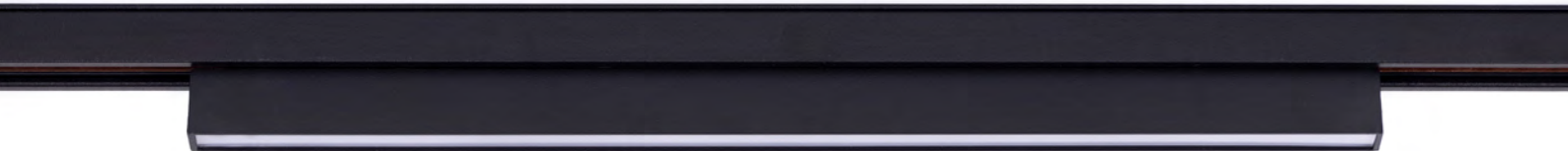
S	none	3000 K	○	705964	●	705940
		4000 K	○	705971	●	705957
	DALI	3000 K	○	401250	●	401267
		4000 K	○	401274	●	401281
L	none	3000 K	○	706008	●	705988
		4000 K	○	706015	●	705995
	DALI	3000 K	○	401298	●	401304
		4000 K	○	401311	●	401328

STRIPE

S/M/L

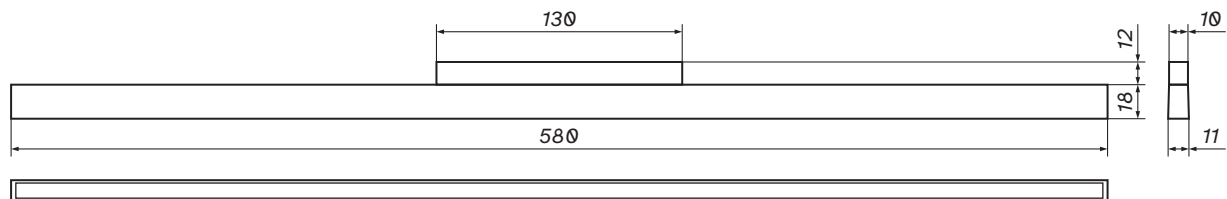
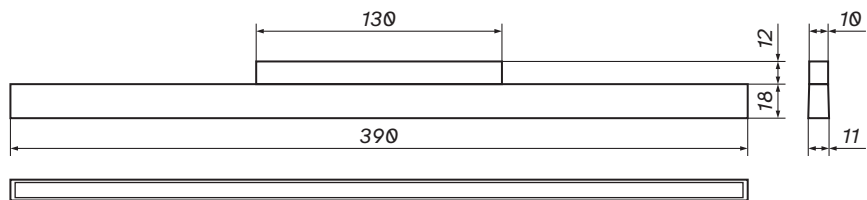
LOONARI | 44

MiniLINE STRIPE



1:4

 Lifetime 35 000 h	 Beam angle 110°	 CRI 90	 Voltage 48 V	 Protection class IP20
	S	M	L	
Wattage	10 W	14 W	18 W	
Colour temperature	3000 K 4000 K	3000 K 4000 K	3000 K 4000 K	
Luminous flux	670 lm 710 lm	940 lm 960 lm	1340 lm 1410 lm	
Dimming functionality	none / DALI	none / DALI	none / DALI	
Mounting method	in 48 V track	in 48 V track	in 48 V track	
Second circuit	no	no	no	
Colour	☐ ☒	☐ ☒	☐ ☒	

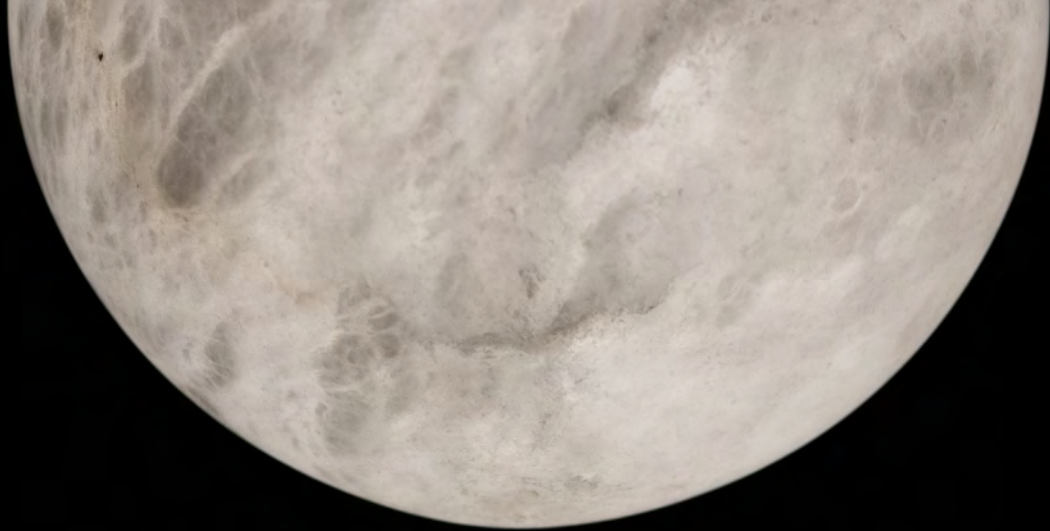


product code

S	none	3000 K	○	401786	●	401724
		4000 K	○	401793	●	401731
	DALI	3000 K	○	401335	●	401342
		4000 K	○	401359	●	401366

M	none	3000 K	○	401809	●	401748
		4000 K	○	401816	●	401755
	DALI	3000 K	○	401373	●	401380
		4000 K	○	401397	●	401403

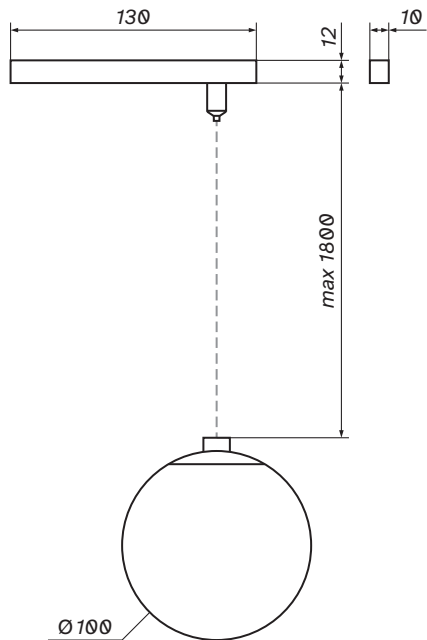
L	none	3000 K	○	401823	●	401762
		4000 K	○	401830	●	401779
	DALI	3000 K	○	401847	●	401854
		4000 K	○	401861	●	401878



EBRO P

LOONARI | 47

MiniLINE EBRO P



1:4

 Lifetime	 Beam angle	 CRI	 Voltage	 Protection class
35 000 h	330°	90	48 V	IP20

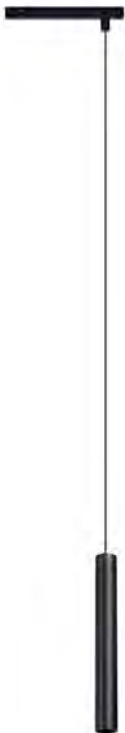
Wattage	6 W
Colour temperature	3000 K
Luminous flux	260 lm
Dimming functionality	none / DALI
Mounting method	in 48 V track
Second circuit	no
Colour	☐ ☒

product code			
none	☐	706558	☒ 706541
DALI	☐	401410	☒ 401427

T30

LOONARI | 48

MiniLINE T30



 Lifetime
35 000 h

 Beam angle
36°

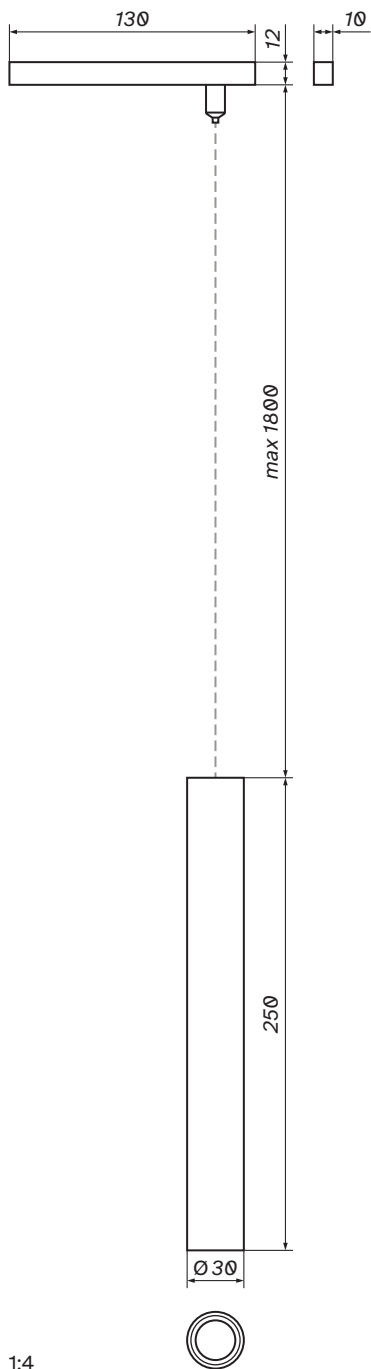
 CRI
90

 Voltage
48 V

 Protection class
IP20

Wattage	6 W	6 W
Colour temperature	3000 K	4000 K
Luminous flux	476 lm	479 lm
Dimming functionality	none / DALI	none / DALI
Mounting method	in 48 V track	in 48 V track
Second circuit	no	no
Colour	☐ ☒	☒

product code					
none	3000 K	☐	706602	☒	706589
	4000 K			☒	706596
DALI	3000 K	☐	401434	☒	401441
	4000 K			☒	401458



TRACKS

LOONARI | 50
MiniLINE TRACKS

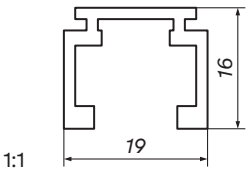
 Voltage
48 V

 Protection class
IP20

TRACK TYPE A 1 m / 2 m / 3 m



Mounting method surface mounted
Colour ☐ ☒



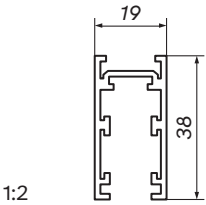
product code

1 m	☐	707128	☒	707135
2 m	☐	706626	☒	706619
3 m	☐	706640	☒	706633

TRACK TYPE B 1 m / 2 m / 3 m



Mounting method surface mounted
Colour ☐ ☒



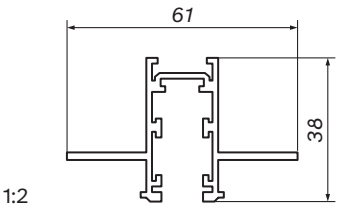
product code

1 m	☐	707142	☒	707159
2 m	☐	706664	☒	706657
3 m	☐	706688	☒	706671

TRACK TYPE C 1 m / 2 m / 3 m



Mounting method recessed
Colour ☐ ☒



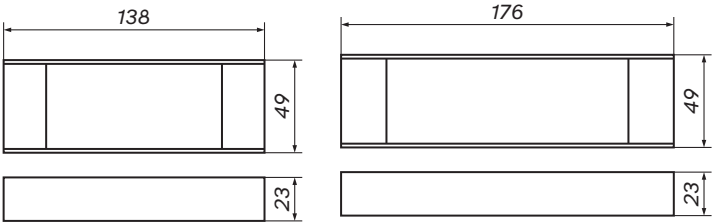
product code

1 m	☐	707166	☒	707173
2 m	☐	706701	☒	706695
3 m	☐	706725	☒	706718

EXTERNAL POWER UNITS

LOONARI | 51
MiniLINE POWER UNITS

PRO EXTERNAL POWER UNIT

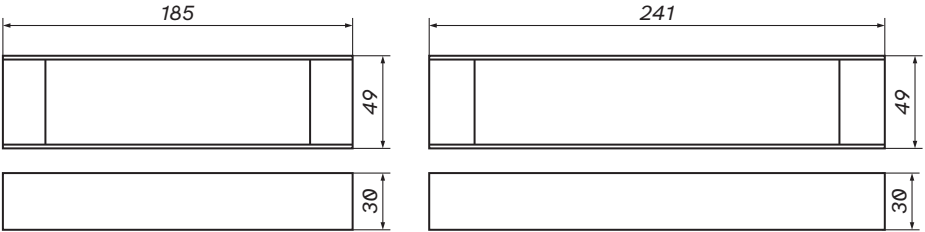


Wattage 100 W / 200 W
Track 48 V
Guarantee 5 years
Colour ●

product code

100 W ● 894583
200 W ● 894590

EXTERNAL POWER UNIT

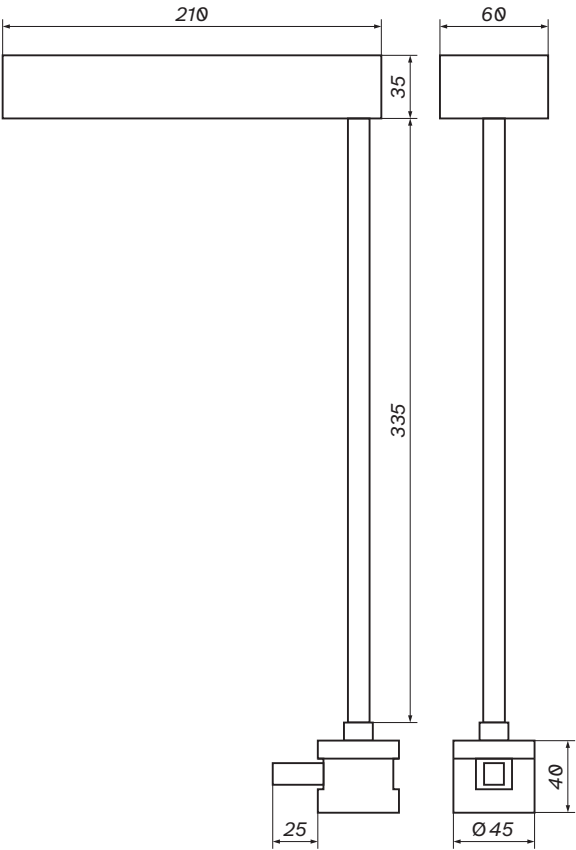


Wattage 100 W / 200 W
Track 48 V
Guarantee 2 years
Colour ● ●

product code

100 W ● 704431
200 W ● 704448
300 W ● 403940

DRIVER COVER SET



1:4

product code

- 401663
- 401670



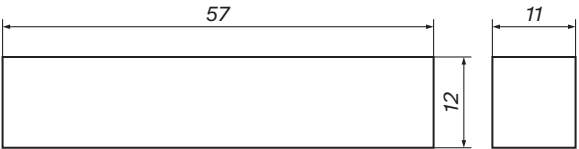


ACCESSORIES

LOONARI | 55

MiniLINE ACCESSORIES

POWER SUPPLY

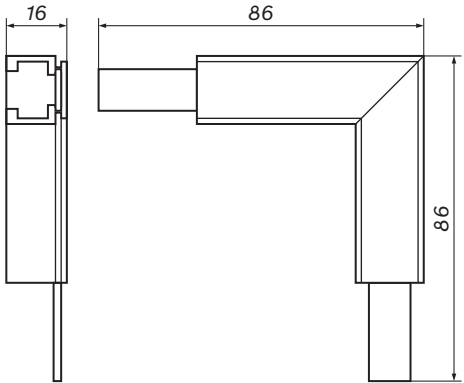


1:1

product code

☐ 706862 ☒ 706855

90° CONNECTOR MINI TYPE A

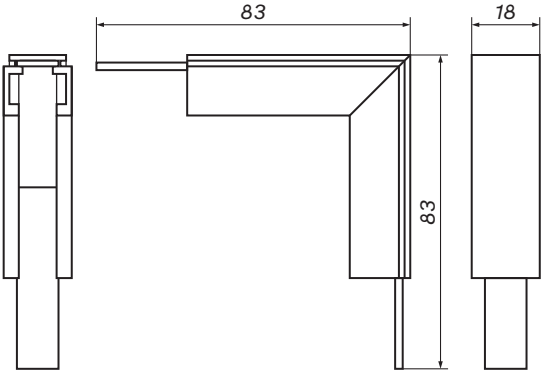


1:2

product code

☐ 706749 ☒ 706732

INTERNAL CONNECTOR MINI TYPE A

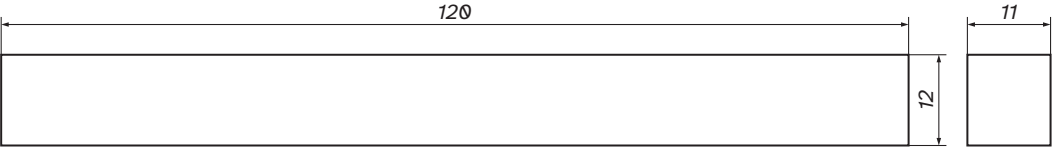


1:2

product code

☐ 706763 ☒ 706756

STRIGHT CONNECTOR MINI TYPE A

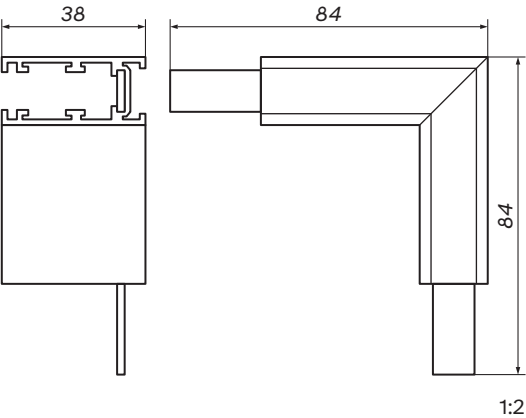


1:1

product code

☐ 706886 ☒ 706879

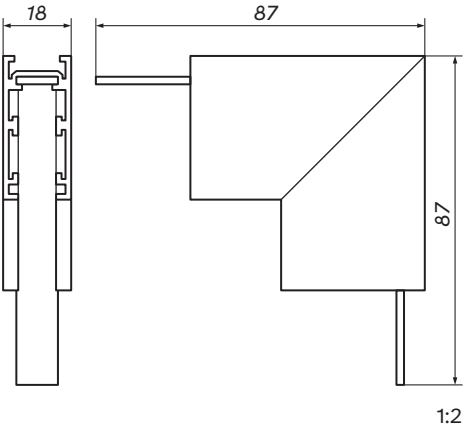
90° CONNECTOR MINI TYPE B



product code

- ☐ 706787 ☒ 706770

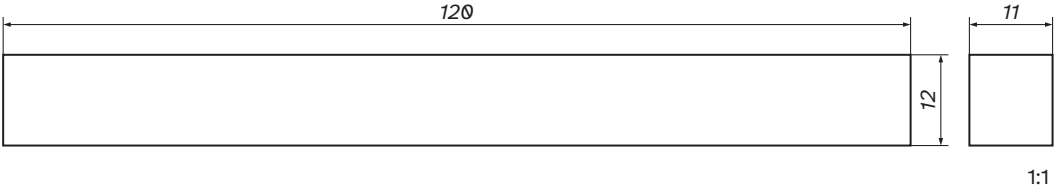
INTERNAL CONNECTOR MINI TYPE B



product code

- ☐ 706800 ☒ 706794

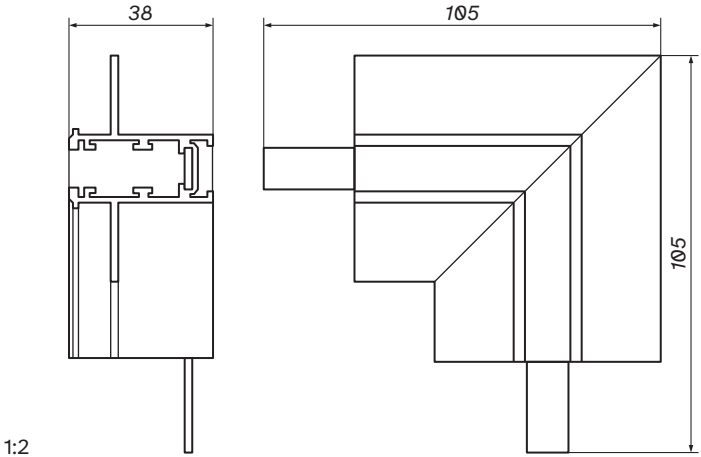
STRIGHT CONNECTOR MINI TYPE B



product code

○ 706909 ● 706893

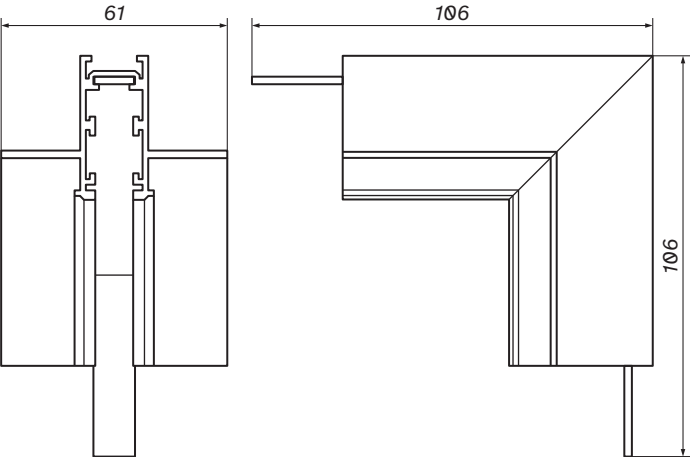
90° CONNECTOR MINI TYPE C



product code

○ 706824 ● 706817

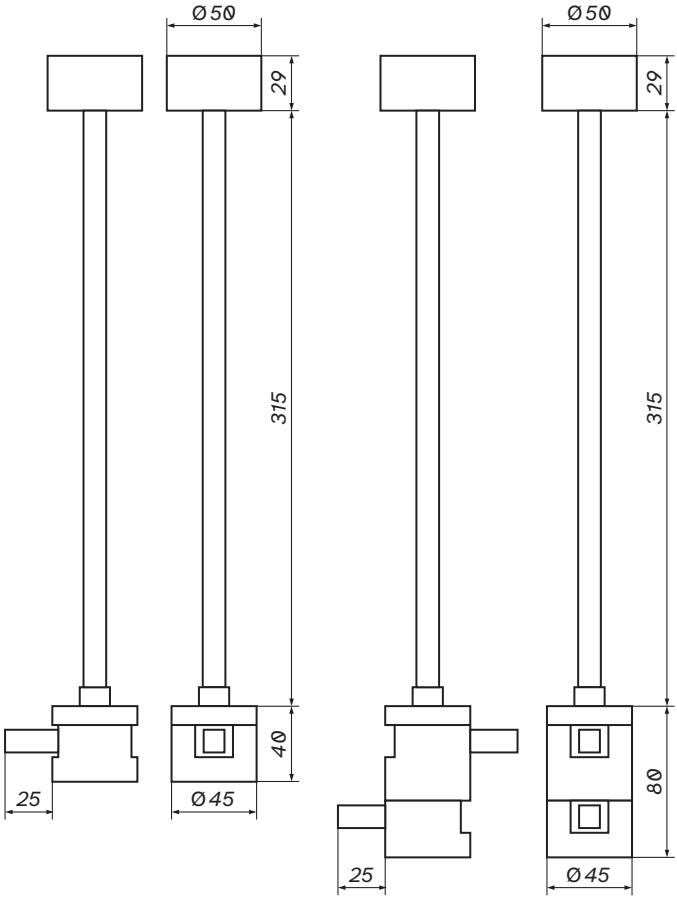
INTERNAL CONNECTOR MINI TYPE C



1:2

product code			
○	706848	●	706831

MINI PENDANT SET UP



1:4

product code

single	○	706961-706923	double	○	706961-706947
	●	706954-706916		●	706954-706930



