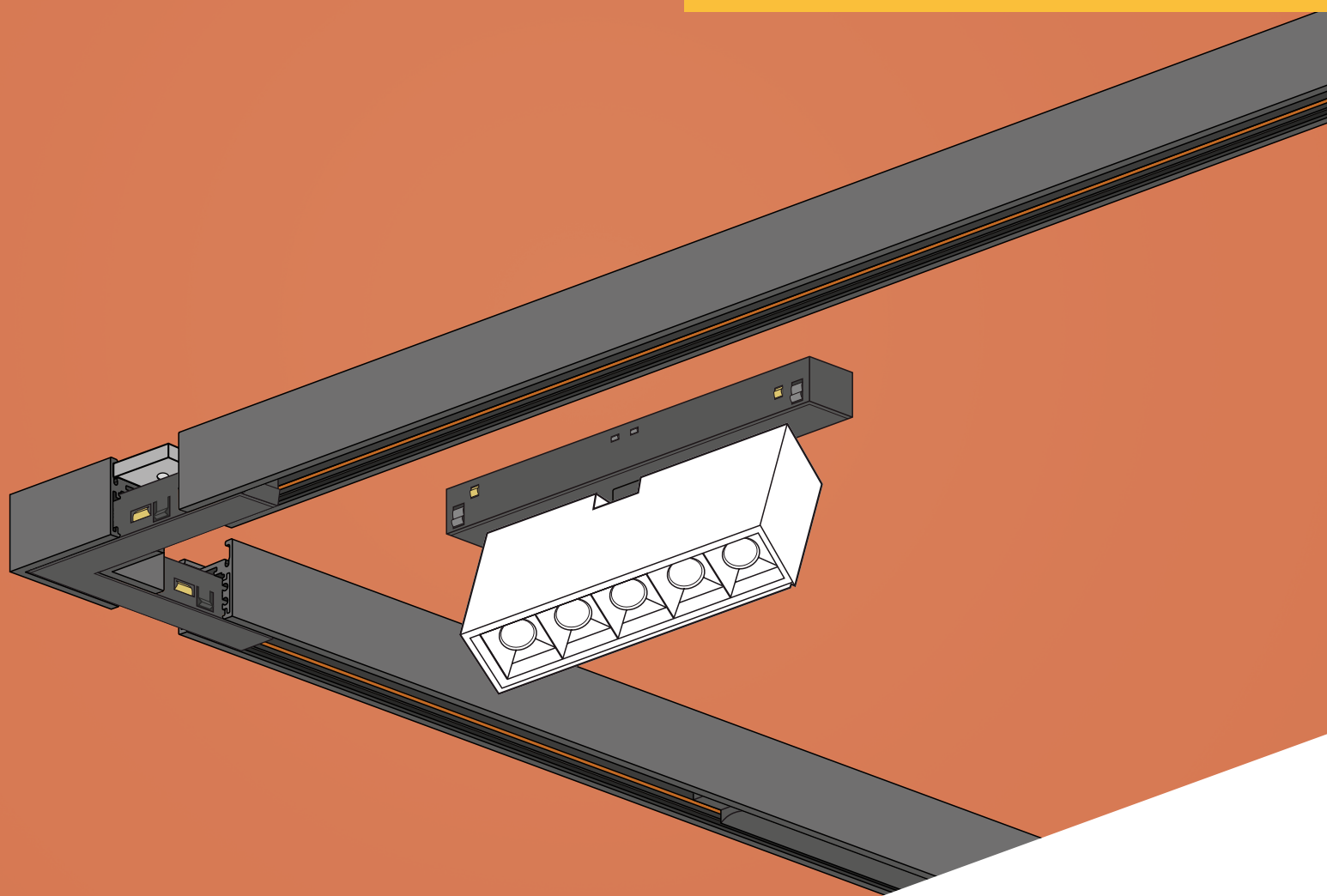


ENG

MULTITRACK

system



AQFORM
LIGHTING SOLUTIONS

MULTITRACK:

modern lighting tracks



Lighting tracks are a flexible solution. The possibility to supply many luminaires from one electrical point and the ease of changing their arrangement within the track provides great flexibility at the design stage. When used in interior, it gives an option to easily adapt the lighting to changing needs.

The MULTITRACK form emphasizes the aesthetics of minimalist interiors and leaves room for decorative motives in more ornate arrangements.

Safe 48V voltage allows you to create compositions within easy reach. And so, effective compositions that transfer lighting from the ceiling to the wall are now within your reach.

The lighting dedicated to the MULTITRACK system has an **adapter equipped with mechanical catches that make it easy to plug in, unplug and move the lamps**, guaranteeing a secure hold of the luminaire in the track. Just insert the adapter. The possibility of changing the mounting location of each fixture within the track provides great freedom in arranging lighting.

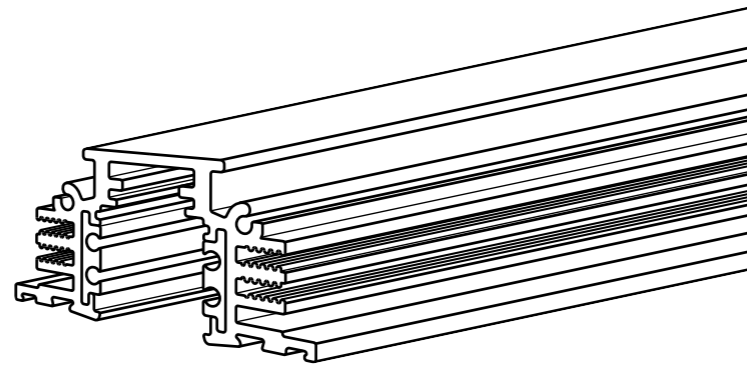
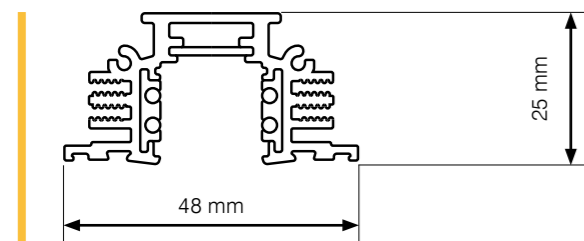
The flexibility of the MULTITRACK system means that this solution will work not only in interiors of our homes, but also in offices, boutiques and restaurants.

New kind of track

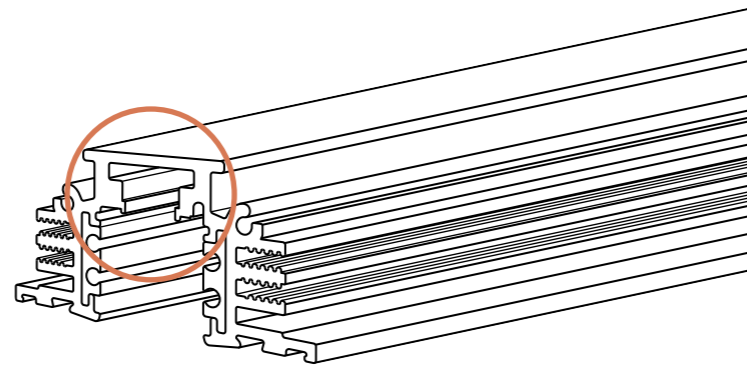
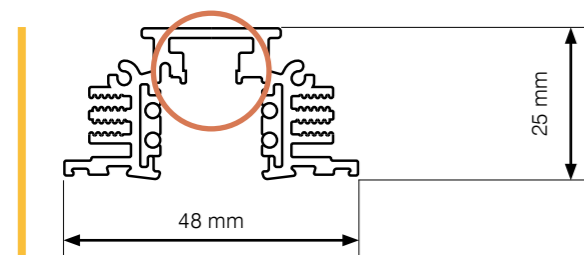
What is new?

- Slight differences in lower part of multitrack cross-section.
- No steel part inside multitrack: multitrack in new version does not have a steel part, so it is not a magnetic track.
- New adaptor fits into both types of multitracks.
- New connectors elements fits into both types of multitrack.

Multitrack



NEW Multitrack



Which new features of multitrack are now available?

- Easier way of preparing multitrack to be installed.
- Uniform aluminum structure allows to cut or drill into new multitrack at the installation site.





User's safety

The voltage inside the track is 48V. Such tension is safe for humans, thanks to which MULTITRACK compositions can also be used in places within reach of the hand.



Easy to arrange

The ability to quickly modify the placement of lamps gives great flexibility at the design stage and while using the interior. If the need arises, luminaires can be moved, unplugged or added in just a few minutes.

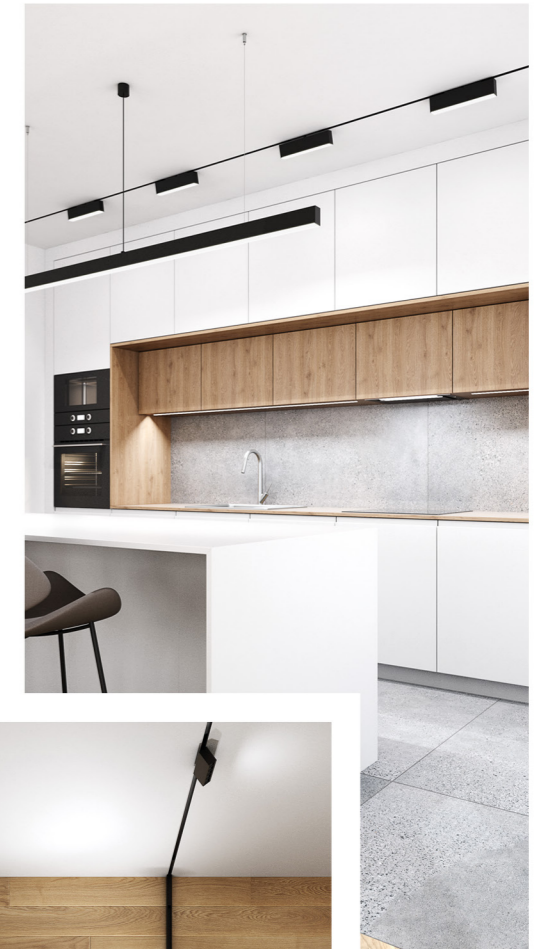


Design flexibility

Available accessories and angle connectors allow you to create complex systems even with a direct transition from the ceiling to the wall, which creates effective solutions.

Refined aesthetics

The MULTITRACK system is a designer solution with a refined aesthetics. The minimalist adapters form one neat line within the track. Thanks to this, placing MULTITRACK in sight is not a problem.



A comprehensive system

The MULTITRACK system can be mounted in three ways: recessed, surface-mounted and hanging. In surface-mounted and hanging versions, the track profile remains the same, but the way they are prepared and the mounting accessories needed differ (e.g. cable attachment, steel cable).

Available connectors also allow direct transition from surface-mounted to recessed version. Thanks to uniform shapes, the aesthetics of MULTITRACK – regardless of the method of assembly – remains consistent.

The MULTITRACK system requires the use of a separate central power source, which can be placed, for example, behind the GK plate, on a suspended ceiling or in an external box shielding the power source. Luminaires for the MULTITRACK system are available in two control variants: On-Off and DALI.



Scheme of the MULTITRACK recessed system

MTEC2_--_1

End cap
recessed

MTCU3_--_1

Power supplies

8102_2

Power supply

MTLC5_--_1

„L” corner
recessed

MTLC3_--_1

„L” corner
internal

MTJU3_--_1

Joining connector
internal

MT314

Bracket for trimless use of joining connector

MT315

Bracket for trimless
set 2pcs.

MTRG_1

Adjustable corner
internal

Scheme of the MULTITRACK hanging system

8102_3

Lamp canopy fi100 + cable 1,4m

81022

Suspension set
suspended

MTEC4_-__1

End cap with hole for cable
surface/suspended

MTCU3_-__1

Power supplies

Scheme of the MULTITRACK surface system

81023

Box with the power supply
100W 48V surface

MTCB4

Bracket for suspensions
surface/suspended

MTLC4_-__1

Cover for „L” joint
surface/suspended

MTJU3_-__1

Joining connector
internal

MTEC3_-__1

End cap
surface/suspended

MTLC3_-__1

„L” corner
internal

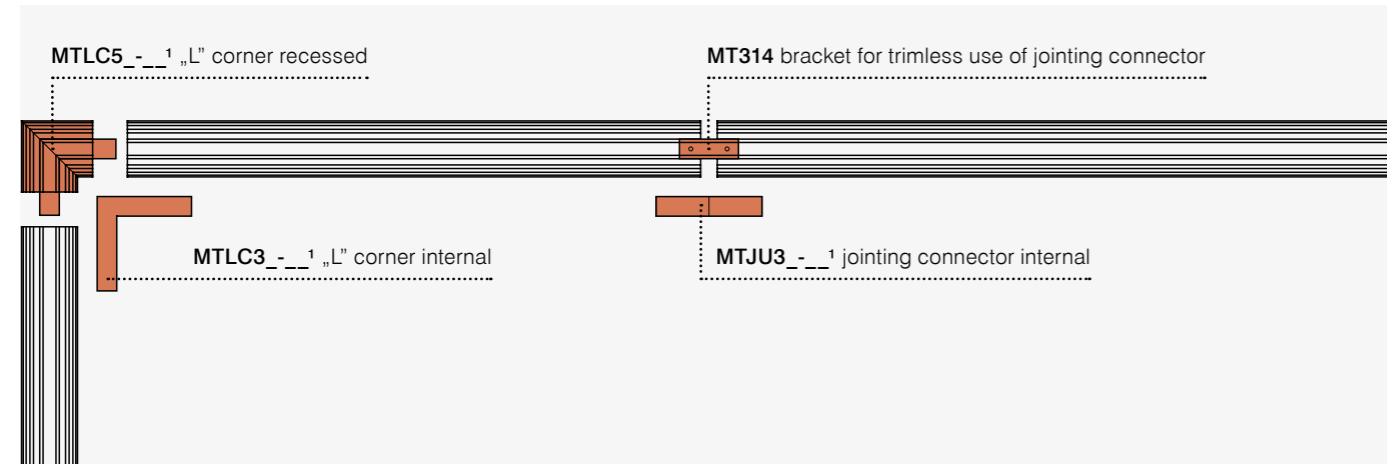
MTRG_1

Adjustable corner
internal

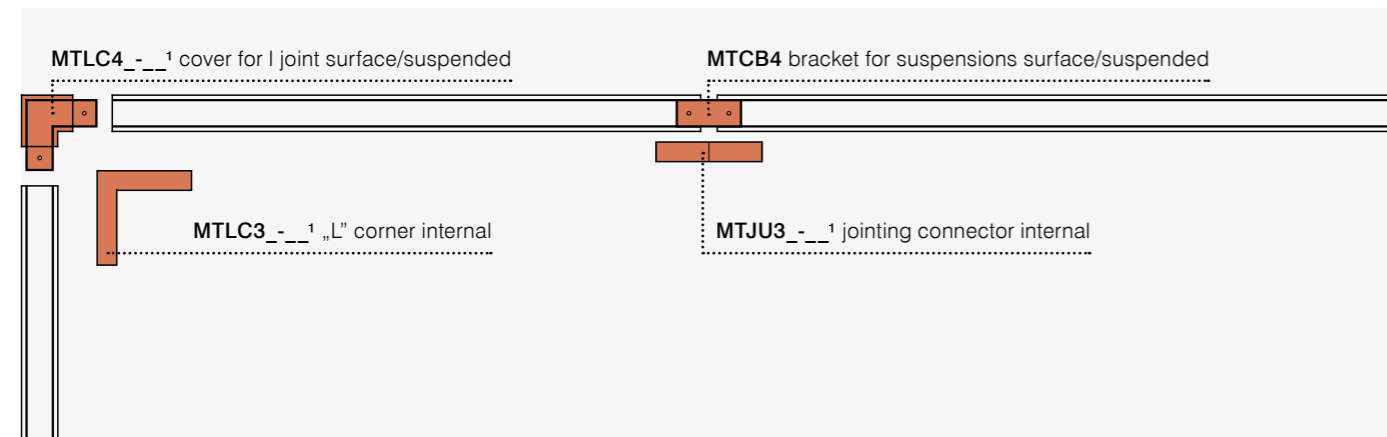
Mechanical assembly of track system

Connecting tracks

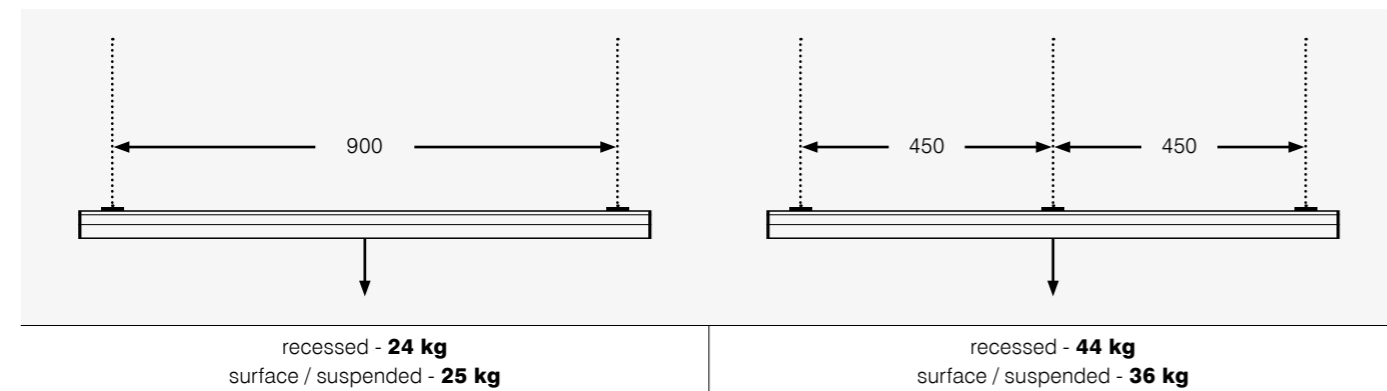
01. MTT3_4 FW-__1 recessed track



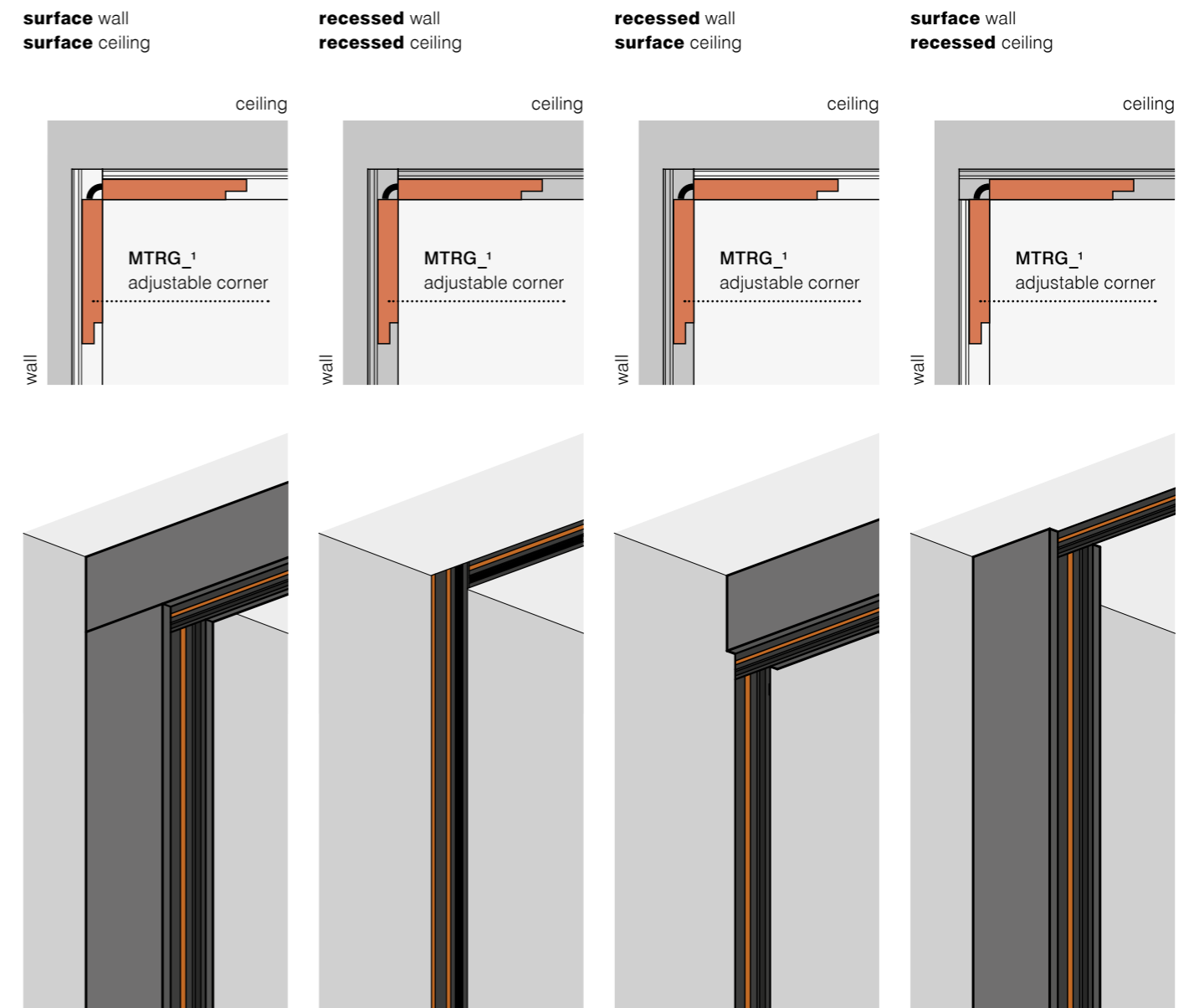
02. MTT3_4 W-__1 surface track / MTT3_3 SW-__1 suspended track



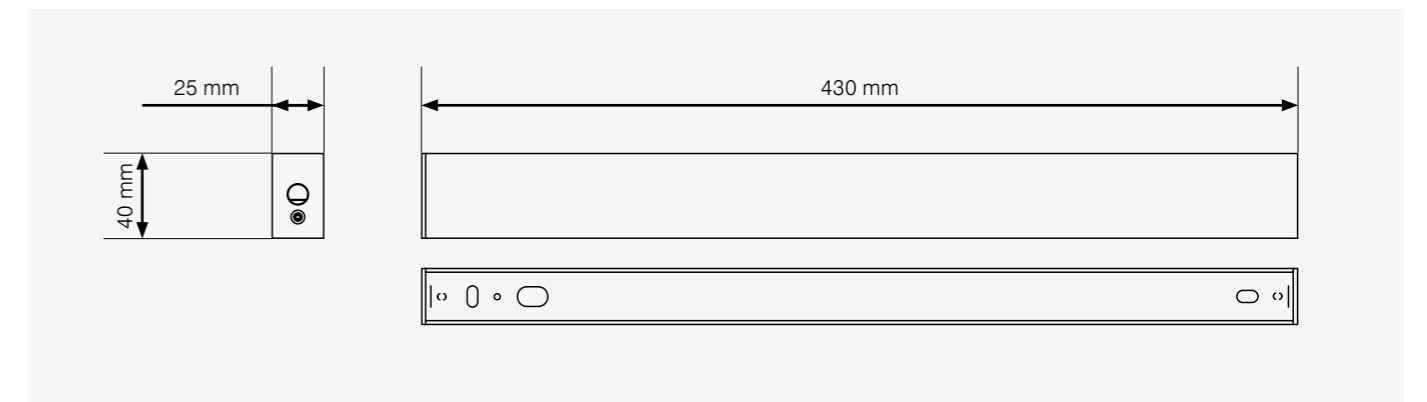
Maximum load



Connecting ceiling-wall transitions

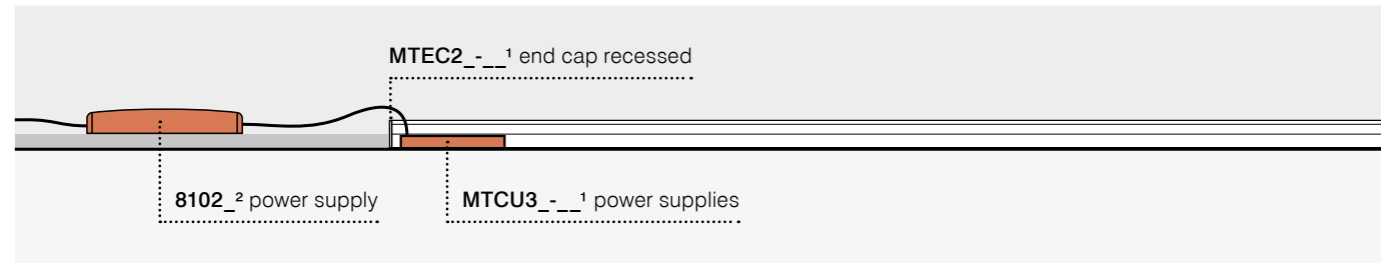


Surface-mounted supply box – dimensions

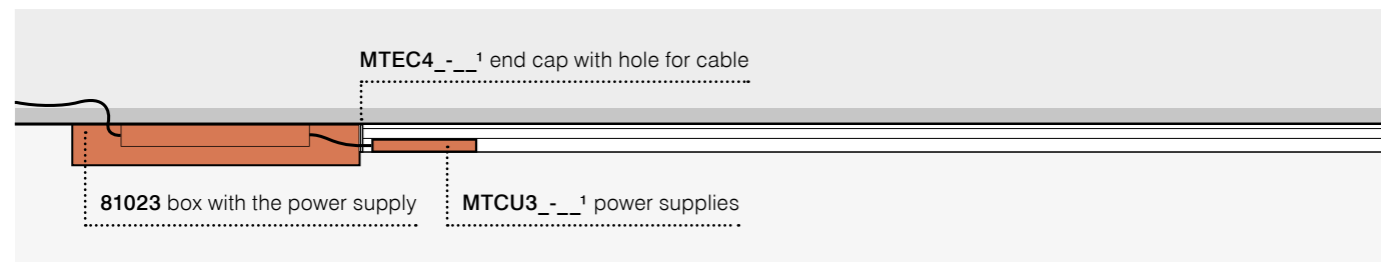


Possibilities of connecting profiles with different types of power supplies

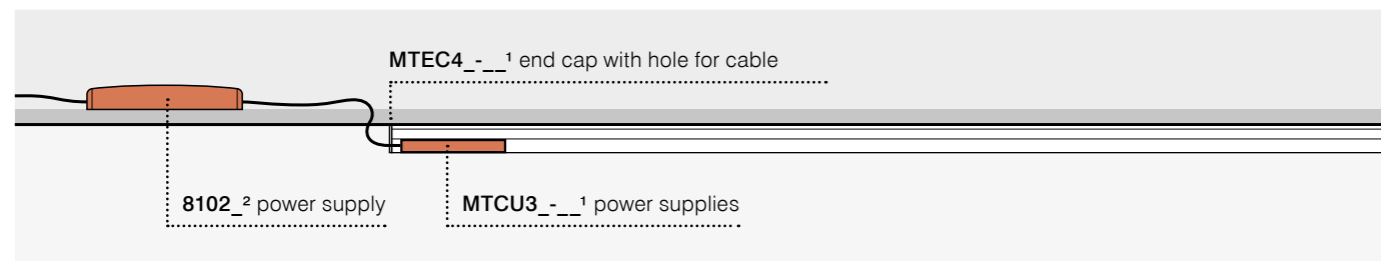
01. recessed track + recessed power supply



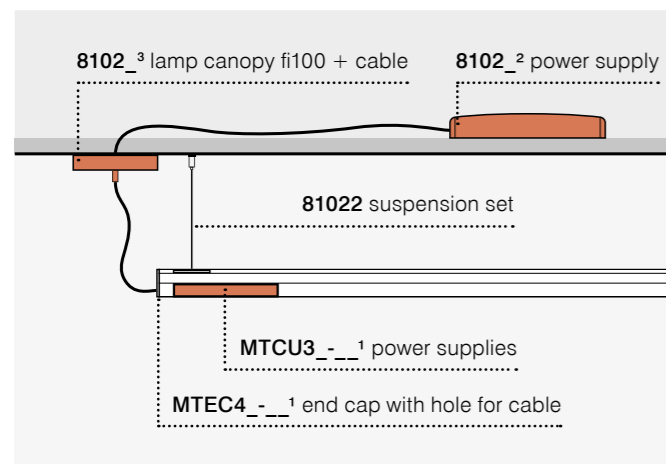
02. surface track + surface power supply



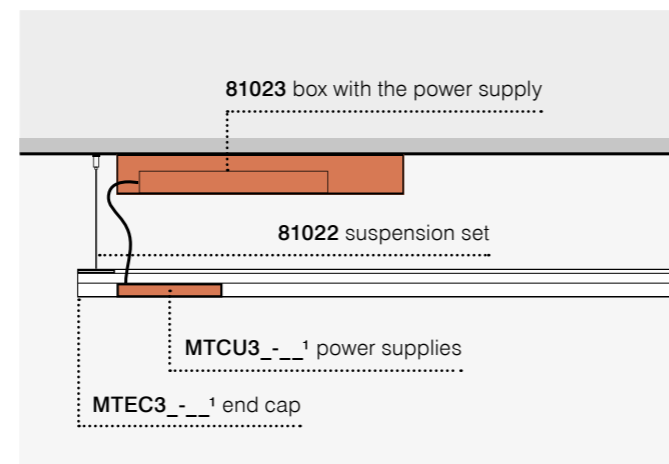
03. surface track + recessed power supply



04. suspended track + recessed power supply



05. suspended track + surface power supply



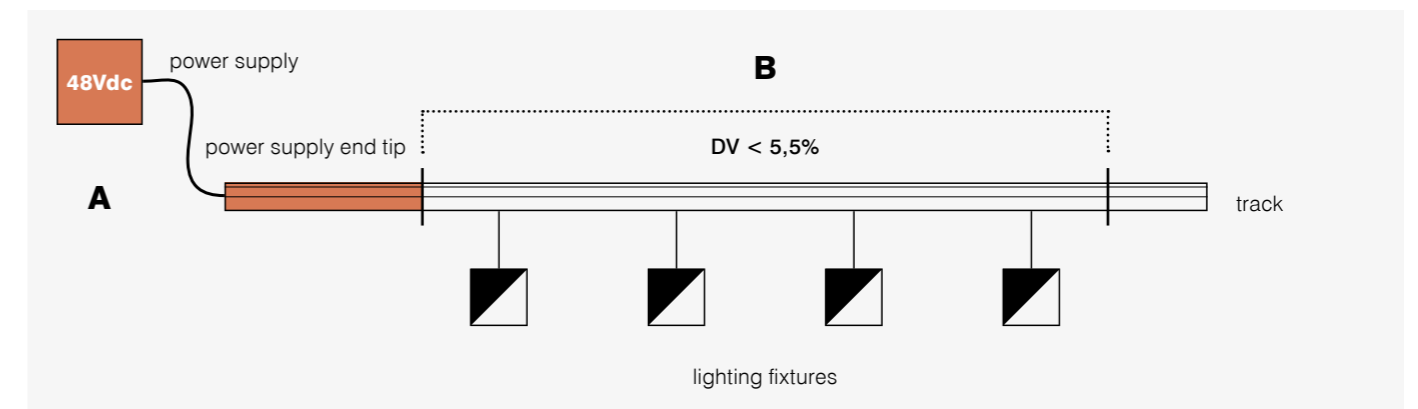
Information about electrical cables and sufficient distances

01. cross-sections and types of cables

power supply (max. 70W - 48V)				
distance	5m / 16 ft	10m / 32 ft	20m / 65 ft	30m / 64 ft
cable cross-section	0,75mm ² / AWG18	1mm ² / AWG17	1,5mm ² / AWG15	2,5mm ² / AWG13
power supply (150W - 48V)				
distance	5m / 16 ft	10m / 32 ft	20m / 65 ft	30m / 64 ft
cable cross-section	1,5mm ² / AWG15	2,5mm ² / AWG13	4mm ² / AWG11	4mm ² / AWG11

The maximum power on one magnetic track is 720W. The power on one track depends on the power supply used.

The maximum power supply offered by AQForm is: 150W.



02. maximum distances with the voltage drop factor not exceeding 5.5%.

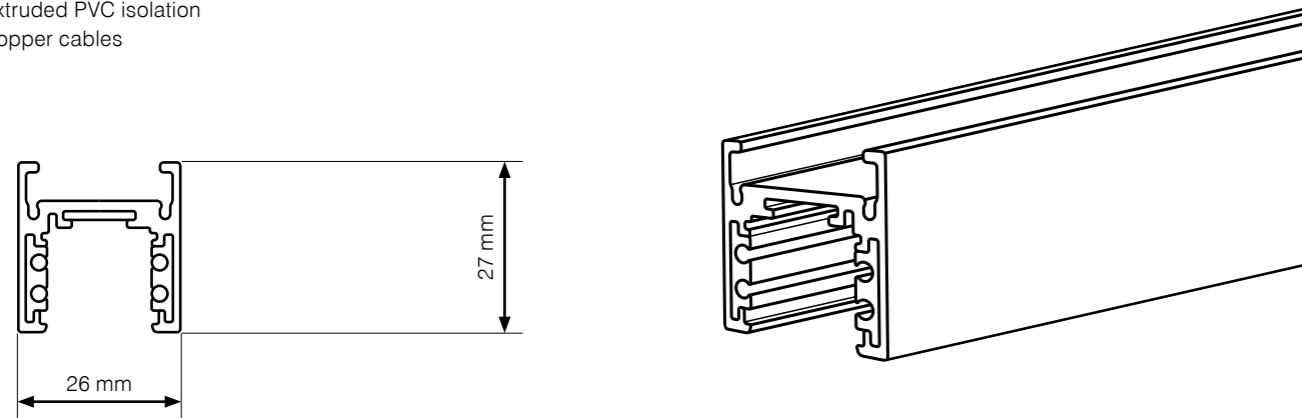
power supply (W)	A max. distance from power supply unit/power supply system (2x1,5mm ²)			
	5m	10m	20m	30m
	B max. variation $\Delta v \leq 5,5\%$ (m)			
	(m)	(m)	(m)	(m)
60	50	50	50	50
100	50	50	40	25
150	50	40	20	allowed
200	40	30	allowed	allowed
250	35	20	allowed	allowed

ST MULTITRACK — surface / suspended track

Standard low voltage track with 4 cables

2 circuits: max 2x15A/0-60V dc
1 circuit + data track: max 1x15A/0-60V + 1xD1/D2

- Extruded aluminium profile. Available colours: black RAL 9005(B), white RAL 9010(W)
- Colour and structure of the tracks can differ slightly from the colour and structure of the accessories and luminaires
- Extruded PVC isolation
- Copper cables



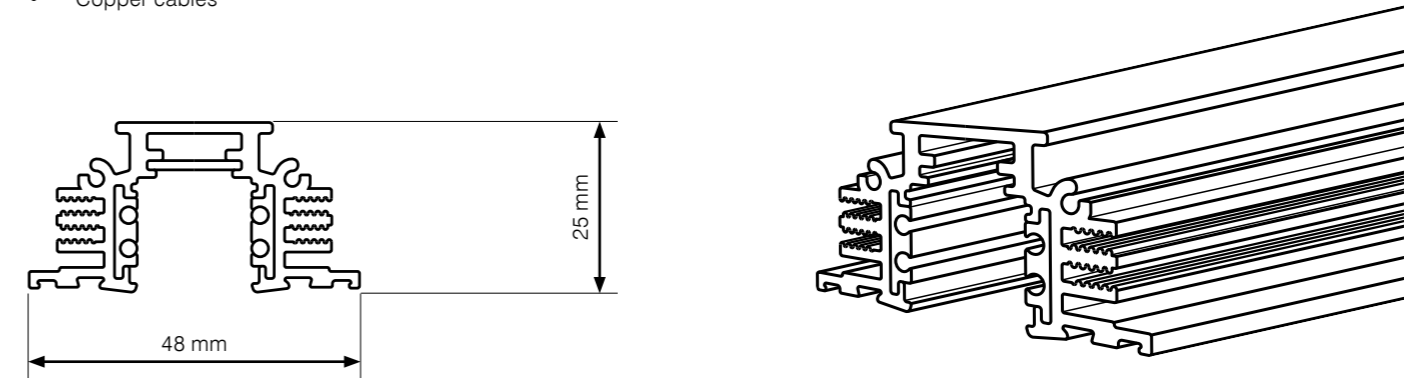
cat. no	product
MTT31B-02	ST MULTITRACK (TRACK) surface 1m black
MTT32B-02	ST MULTITRACK (TRACK) surface 2m black
MTT31SB-02	ST MULTITRACK (TRACK) suspended 1m black
MTT32SB-02	ST MULTITRACK (TRACK) suspended 2m black
MTT31W-03	ST MULTITRACK (TRACK) surface 1m white
MTT32W-03	ST MULTITRACK (TRACK) surface 2m white
MTT31SW-03	ST MULTITRACK (TRACK) suspended 1m white
MTT32SW-03	ST MULTITRACK (TRACK) suspended 2m white

ST MULTITRACK — recessed track

Standard low voltage track with 4 cables

2 circuits: max 2x15A/0-60V dc
1 circuit + data track: max 1x15A/0-60V + 1xD1/D2


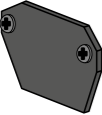
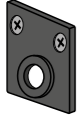
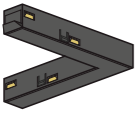
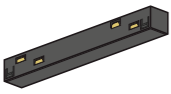
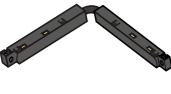
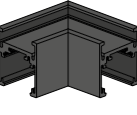
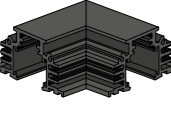
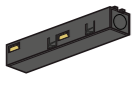
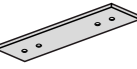
- Extruded aluminium profile. Available colours: anodised black (B), painted white 9010(W2)
- Colour and structure of the tracks can differ slightly from the colour and structure of the accessories and luminaires
- Extruded PVC isolation
- Copper cables

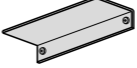
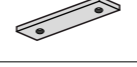
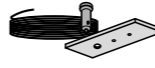

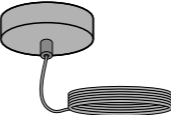
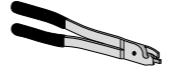


cat. no	product
MTT31FB-02	ST MULTITRACK (TRACK) recessed 1m black
MTT32FB-02	ST MULTITRACK (TRACK) recessed 2m black
MTT31FW-03	ST MULTITRACK (TRACK) recessed 1m white
MTT32FW-03	ST MULTITRACK (TRACK) recessed 2m white

Accessories

MULTITRACK is a system that gives great design flexibility. Available accessories and angle connectors allow you to create complex systems both on the ceiling and at the wall, as well as allow direct composition transition from the ceiling to the wall.

preview	cat. no	product
	MTEC3B-02	ST MULTITRACK End cap surface/suspended black
	MTEC3W-03	ST MULTITRACK End cap surface/suspended white
	MTEC2B-02	ST MULTITRACK End cap recessed black
	MTEC2W-03	ST MULTITRACK End cap recessed white
	MTEC4B-02	ST MULTITRACK End cap with hole for cable surface/suspended black
	MTEC4W-03	ST MULTITRACK End cap with hole for cable surface/suspended white
	MTLC3B-02	ST MULTITRACK „L” corner internal black
	MTLC3W-03	ST MULTITRACK „L” corner internal white
	MTJU3B-02	ST MULTITRACK JOINTING CONNECTOR internal black
	MTJU3W-03	ST MULTITRACK JOINTING CONNECTOR internal white
	MTRGB	ST MULTITRACK ADJUSTABLE CORNER internal black
	MTRGW	ST MULTITRACK ADJUSTABLE CORNER internal white
	MTLC4B-02	ST MULTITRACK COVER FOR L JOINT surface/suspended black
	MTLC4W-03	ST MULTITRACK COVER FOR L JOINT surface/suspended white
	MTLC5B-02	ST MULTITRACK „L” corner recessed black
	MTLC5W-03	ST MULTITRACK „L” corner recessed white
	MTCU3B-02	ST MULTITRACK power supplies black
	MTCU3W-03	ST MULTITRACK power supplies white
	MTCB4	ST MULTITRACK BRACKET FOR SUSPENSIONS surface/suspended

preview	cat. no	product
	MT315	ST MULTITRACK BRACKET FOR TRIMLESS set 2pcs.
	MT314	ST MULTITRACK BRACKET FOR TRIMLESS USE OF JOINTING CONNECTOR
	81022	ST MULTITRACK SUSPENSION SET 140cm suspended
	81023	ST MULTITRACK BOX with the power supply 100W 48V surface black
	81024	ST MULTITRACK power supply 60W 48V
	81025	ST MULTITRACK power supply 100W 48V
	81026	ST MULTITRACK power supply 150W 48V
	81027	ST MULTITRACK power supply for DIN 120W 48V
	81028	LAMP CANOPY FI100 + cable 2x0,75mm2 1,4m black
	81029	LAMP CANOPY FI100 + cable 4x0,75mm2 1,4m black
	81030	ST MULTITRACK CUTTING TOOL FOR TRACK CONDUCTORS

Dedicated luminaires

We offer a whole range of dedicated fittings for MULTITRACK system. These luminaires have a built-in 48V converter in the adapter for quick mounting into the track.

All fittings for the MULTITRACK system are available in two finishes: black matt and white matt.



48V converter
in the adapter

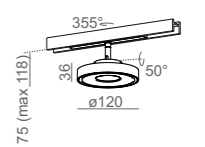
KARI 11 LED multitrack

CRI90> | 3000K | 36°

aqform.com/KA0017



colour	power	flux	time	cat. no
black	9W	1200lm	15 days	16340-M930-F1-00-02
white	9W	1200lm	15 days	16340-M930-F1-00-03



KARI LED suspended multitrack

CRI90> | 3000K | 36°

aqform.com/KA0517



colour	power	flux	time	cat. no
black	9W	1200lm	15 days	16343-M930-F1-00-02
white	9W	1200lm	15 days	16343-M930-F1-00-03



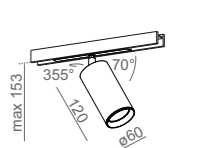
PET LED multitrack

CRI90> | 3000K | 38°

aqform.com/PE0017



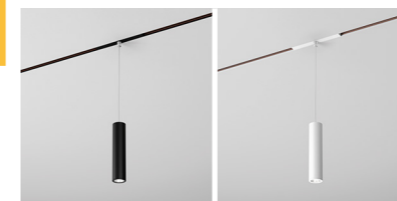
colour	power	flux	time	cat. no
black	9W	1200lm	15 days	16346-M930-F1-00-02
white	9W	1200lm	15 days	16346-M930-F1-00-03



PET mini 17 LED suspended multitrack

CRI90> | 3000K | 36°

aqform.com/PE1517



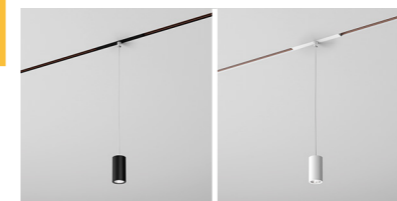
colour	power	flux	time	cat. no
black	3W	360lm	15 days	16344-M930-F1-00-02
white	3W	360lm	15 days	16344-M930-F1-00-03



PET mini 7 LED suspended multitrack

CRI90> | 3000K | 36°

aqform.com/PE1517



colour	power	flux	time	cat. no
black	3W	360lm	15 days	16347-M930-F1-00-02
white	3W	360lm	15 days	16347-M930-F1-00-03



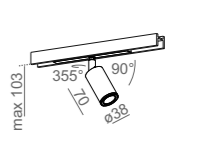
PET mini 7 x1 LED multitrack

CRI90> | 3000K | 36°

aqform.com/PE4017



colour	power	flux	time	cat. no
black	3W	360lm	15 days	16348-M930-F1-00-02
white	3W	360lm	15 days	16348-M930-F1-00-03



data refers to 3000K LED light source

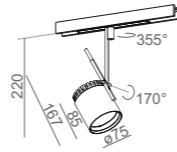
2000 PRO LED multitrack

CRI90> | 3000K | 55°

aqform.com/PR4017



colour	power	flux	time	cat. no
black	10.5W	1550lm	15 days	16337-L930-W1-00-02
white	10.5W	1550lm	15 days	16337-L930-W1-00-03



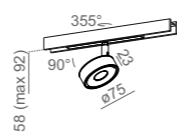
QRLED mini move lens multitrack

CRI90> | 3000K | 34°

aqform.com/QR9017



colour	power	flux	time	cat. no
black	9W	1200lm	15 days	16338-M930-F3-00-02
white	9W	1200lm	15 days	16338-M930-F3-00-03



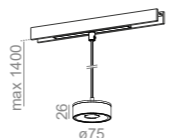
QRLED mini suspended multitrack

CRI90> | 3000K | 34°

aqform.com/QR9517



colour	power	flux	time	cat. no
black	9W	1200lm	15 days	16345-M930-F3-00-02
white	9W	1200lm	15 days	16345-M930-F3-00-03



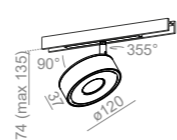
QRLED move multitrack

CRI90> | 3000K | 38°

aqform.com/QR8067



colour	power	flux	time	cat. no
black	9W	1200lm	15 days	16339-M930-F1-00-02
white	9W	1200lm	15 days	16339-M930-F1-00-03



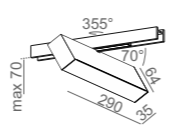
RAFTER 29 LED multitrack

CRI90> | 3000K

aqform.com/RA0017



colour	power	flux	time	cat. no
black	12.5W	1610lm	15 days	16342-M930-D9-00-02
white	12.5W	1610lm	15 days	16342-M930-D9-00-03



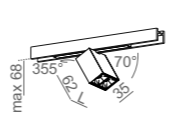
RAFTER points LED multitrack

CRI90> | 3000K | 50°

aqform.com/RA1017



colour	power	length	flux	time	cat. no
black	2W	6 cm	220lm	20 days	16350-M930-W1-00-02
white	2W	6 cm	220lm	20 days	16350-M930-W1-00-03
black	5W	14 cm	560lm	20 days	16341-M930-W1-00-02
white	5W	14 cm	560lm	20 days	16341-M930-W1-00-03



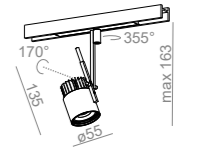
1000 PRO LED multitrack

CRI90> | 3000K | 45°

aqform.com/PR1017



colour	power	flux	time	cat. no
black	8.5W	1170lm	15 day	16376-M930-W1-00-12
white	8.5W	1170lm	15 day	16376-M930-W1-00-13



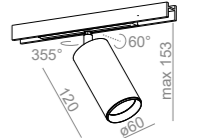
PET next LED multitrack

CRI90> | 3000K | 35°

aqform.com/PE0817



colour	power	flux	time	cat. no
black	8.5W	1170lm	15 days	16366-M930-F1-00-12
white	8.5W	1170lm	15 days	16366-M930-F1-00-13



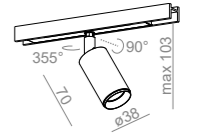
PET next mini LED multitrack

CRI90> | 3000K | 36°

aqform.com/PE3817



colour	power	flux	time	cat. no
black	4.5W	520lm	15 days	16367-M930-F1-00-12
white	4.5W	520lm	15 days	16367-M930-F1-00-13



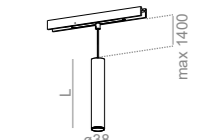
PET next mini LED suspended multitrack

CRI90> | 3000K | 36°

aqform.com/PE1817



colour	power	dlugość	flux	time	cat. no
black	4.5W	7 cm	520lm	15 days	16368-M930-F1-00-12
white	4.5W	7 cm	520lm	15 days	16368-M930-F1-00-13
black	4.5W	20 cm	520lm	15 days	16369-M930-F1-00-12
white	4.5W	20 cm	520lm	15 days	16369-M930-F1-00-13



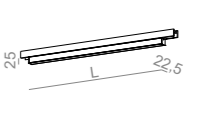
SET TRU mini LED multitrack

CRI90> | 3000K

aqform.com/SR3017



colour	power	dlugość	flux	time	cat. no
black	9W	57 cm	1000lm	15 days	16374-M930-D9-00-12
white	9W	57 cm	1000lm	15 days	16374-M930-D9-00-13
black	19.5W	114 cm	2010lm	15 days	16375-M930-D9-00-12
white	19.5W	114 cm	2010lm	15 days	16375-M930-D9-00-13



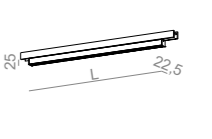
SET TRU mini points LED multitrack

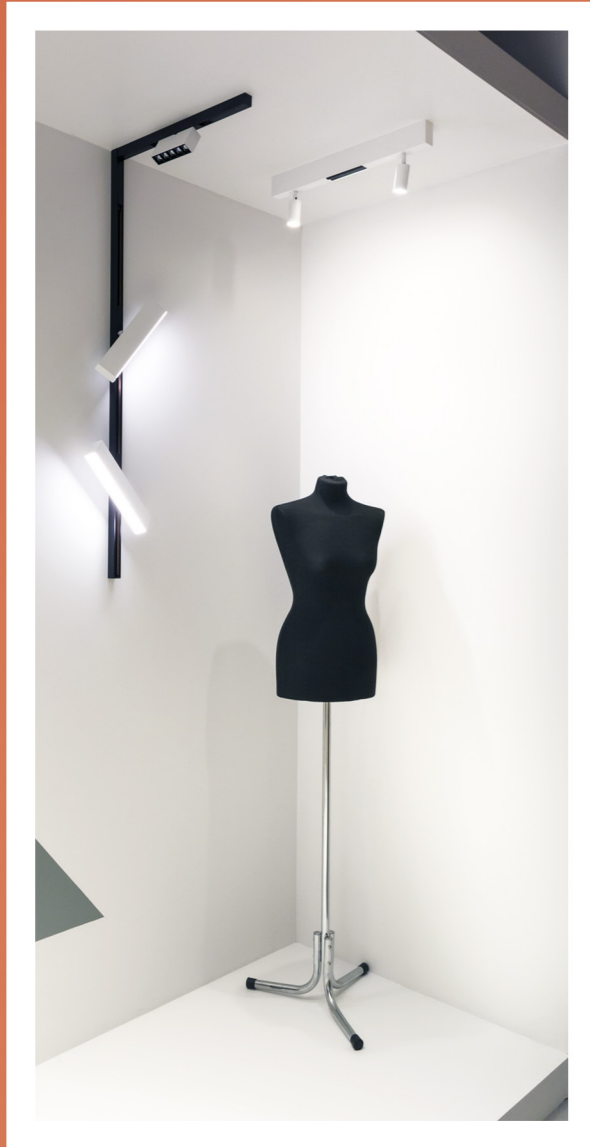
CRI90> | 3000K | 68°

aqform.com/SR3117



colour	power	dlugość	flux	time	cat. no
black	6.5W	28 cm	800lm	15 days	16379-M930-W1-00-12
white	6.5W	28 cm	800lm	15 days	16379-M930-W1-00-13
black	13W	56 cm	1600lm	15 days	16380-M930-W1-00-12
white	13W	56 cm	1600lm	15 days	16380-M930-W1-00-13
black	19.5W	84 cm	2400lm	15 days	16381-M930-W1-00-12
white	19.5W	84 cm	2400lm	15 days	16381-M930-W1-00-13





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