M20 track system

Linear light



Grille light fixed

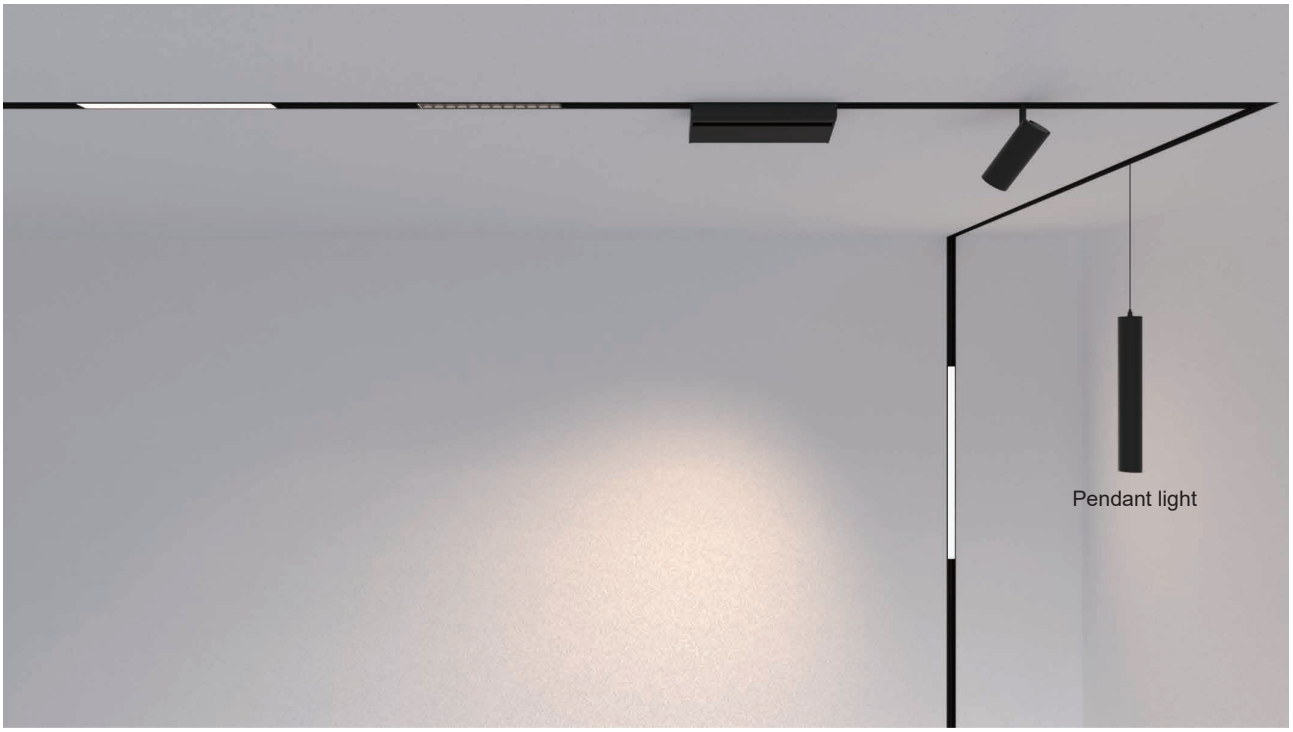


Grille light turnable



Spot light





The distance between the driver to any light connected is max. 20m for ON/OFF function and max. 10m for triac dimming function.

M20T5 with M20 seires lights

M20S2 with M16 seires lights

M20S5 with M20 seires lights



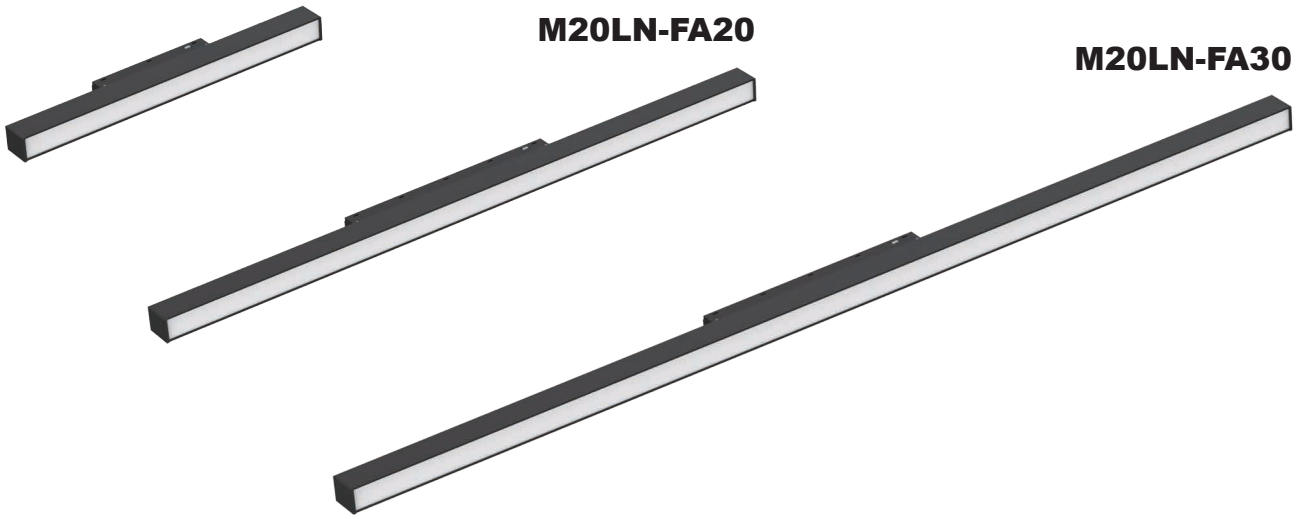
Linear light

KOE

M20LN-FA10

M20LN-FA20

M20LN-FA30



III IP20 L70B30 50000H

Item No.	M20LN-FA10	M20LN-FA20	M20LN-FA30
Material	Aluminum	Aluminum	Aluminum
Color rendering index	CRI90	CRI90	CRI90
Beam angle	120°	120°	120°
Input	DC48V	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K	3000K, 4000K
Rated power	9W	18W	27W
LED luminous flux	1060lm@3000K	2120lm@3000K	3180lm@3000K
Light luminous flux	700lm@3000K	1400lm@3000K	2100lm@3000K
Lumen efficiency	78lm/W	78lm/W	78lm/W
Expected lifetime	L70B30/50000H,Ta=25°C	L70B30/50000H,Ta=25°C	L70B30/50000H,Ta=25°C
Size	L300 W22.5 H44	L600 W22.5 H44	L900 W22.5 H44

Grille light fixed

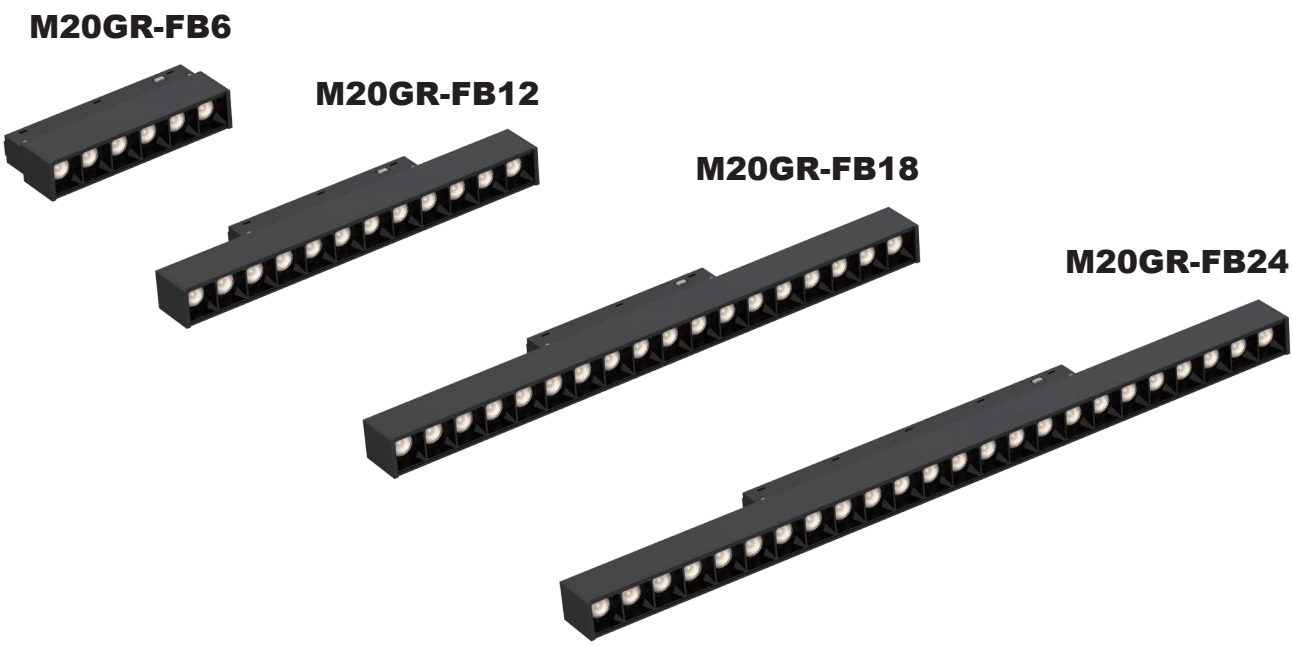
KOE

M20GR-FB6

M20GR-FB12

M20GR-FB18

M20GR-FB24



24° UGR <13 | 36° UGR <16 | III | IP20 | L70B30 50000H

Item No.	M20GR-FB6	M20GR-FB12	M20GR-FB18	M20GR-FB24
Material	Aluminum	Aluminum	Aluminum	Aluminum
Color rendering index	CRI90	CRI90	CRI90	CRI90
Beam angle	24°, 36°	24°, 36°	24°, 36°	24°, 36°
Input	DC48V	DC48V	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K	3000K, 4000K	3000K, 4000K
Rated power	6W	10W	15W	20W
LED luminous flux	570lm@3000K	1060lm@3000K	1590lm@3000K	2120lm@3000K
Light luminous flux	430lm@3000K	800lm@3000K	1200lm@3000K	1600lm@3000K
Lumen efficiency	72lm/W	80lm/W	80lm/W	80lm/W
Expected lifetime	L70B30/50000H, Ta=25°C	L70B30/50000H, Ta=25°C	L70B30/50000H, Ta=25°C	L70B30/50000H, Ta=25°C
Size	L112 W22.5 H44	L220 W22.5 H44	L328 W22.5 H44	L436 W22.5 H44

Grille light turnable

KOE

M20GR-TB6

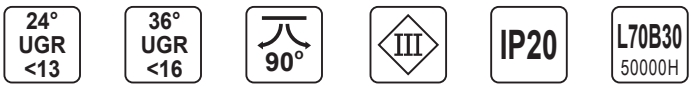


M20GR-TB12



M20GR-TB18





Item No.	M20GR-TB6	M20GR-TB12	M20GR-TB18
Material	Aluminum	Aluminum	Aluminum
Color rendering index	CRI90	CRI90	CRI90
Beam angle	24°, 36°	24°, 36°	24°, 36°
Input	DC48V	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K	3000K, 4000K
Rated power	6W	10W	15W
LED luminous flux	570lm@3000K	1060lm@3000K	1590lm@3000K
Light luminous flux	430lm@3000K	800lm@3000K	1200lm@3000K
Lumen efficiency	72lm/W	80lm/W	80lm/W
Expected lifetime	L70B30/50000H,Ta=25°C	L70B30/50000H,Ta=25°C	L70B30/50000H,Ta=25°C
Size	L115 W22.5 H105	L223 W22.5 H105	L331 W22.5 H105

Spot light

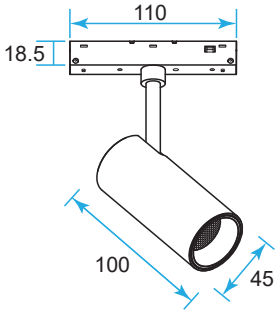
KOE

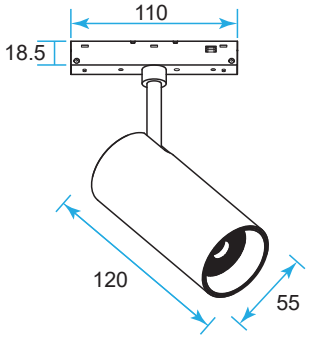
M20SP-A10

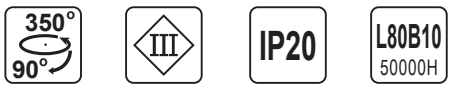


M20SP-A20









Item No.	M20SP-A10	M20SP-A20
Material	Aluminum	Aluminum
Color rendering index	CRI90	CRI90
Beam angle	24°, 36°	24°, 36°
Input	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K
Rated power	9.5W	20W
LED luminous flux	1130lm@3000K	1890lm@3000K
Light luminous flux	900lm@3000K	1640lm@3000K
Lumen efficiency	95lm/W	82lm/W
Expected lifetime	L80B10/50000H,Ta=25°C	L80B10/50000H,Ta=25°C
Size	D45 H100	D55 H120

Spot light

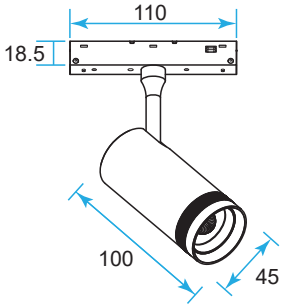
KOE

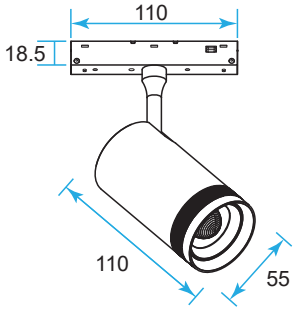
M20SP-B8

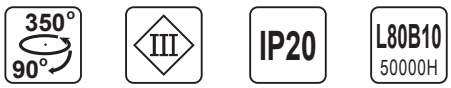


M20SP-B15









Item No.	M20SP-B8	M20SP-B15
Material	Aluminum	Aluminum
Color rendering index	CRI90	CRI90
Beam angle	25°- 55°	25°- 55°
Input	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K
Rated power	8W	15W
LED luminous flux	900lm@3000K	1480lm@3000K
Light luminous flux	700lm@3000K	1250lm@3000K
Lumen efficiency	88lm/W	83lm/W
Expected lifetime	L80B10/50000H,Ta=25°C	L80B10/50000H,Ta=25°C
Size	D45 H100	D55 H110

Spot light

KOE

M20SP-D10



350° 90° | III | IP20 | L70B30 50000H

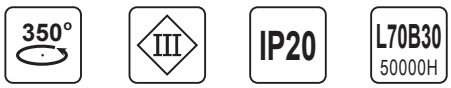
Item No.	M20SP-D10
Material	Aluminum
Color rendering index	CRI90
Beam angle	120°
Input	DC48V
CCT	3000K, 4000K
Rated power	9W
LED luminous flux	1060lm@3000K
Light luminous flux	700lm@3000K
Lumen efficiency	78lm/W
Expected lifetime	L70B30/50000H,Ta=25°C
Size	D98 H30

Spot light

KOE

M20SP-E10





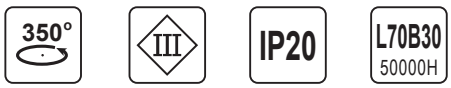
Item No.	M20SP-E10
Material	Aluminum+Acrylic
Color rendering index	CRI90
Beam angle	150°
Input	DC48V
CCT	3000K, 4000K
Rated power	9W
LED luminous flux	1060lm@3000K
Light luminous flux	800lm@3000K
Lumen efficiency	89lm/W
Expected lifetime	L70B30/50000H,Ta=25°C
Size	D95

Spot light

KOE

M20SP-F6





Item No.	M20SP-F6	M20SP-F6G
Material	Aluminum+Plastic	Aluminum+Glass
Color rendering index	CRI90	CRI90
Beam angle	360°	360°
Input	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K
Rated power	6W	6W
LED luminous flux	710lm@3000K	710lm@3000K
Light luminous flux	430lm@3000K	410lm@3000K
Lumen efficiency	72lm/W	68lm/W
Expected lifetime	L70B30/50000H,Ta=25°C	L70B30/50000H,Ta=25°C
Size	D100	D100

Pendant light

KOE

M20PD-A10

UGR <19



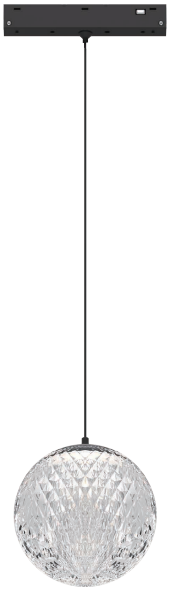
III IP20 L80B10 50000H

Item No.	M20PD-A10
Material	Aluminum
Color rendering index	CRI90
Beam angle	24°, 36°
Input	DC48V
CCT	3000K, 4000K
Rated power	9.5W
LED luminous flux	1130lm@3000K
Light luminous flux	900lm@3000K
Lumen efficiency	95lm/W
Expected lifetime	L80B10/50000H,Ta=25°C
Size	D40 H300

Pendant light

KOE

M20PD-851M



III IP20 L70B30 50000H

Item No.	M20PD-851M
Material	Aluminum+Acrylic
Color rendering index	CRI90
Beam angle	360°
Input	DC48V
CCT	3000K
Rated power	6W
LED luminous flux	710lm@3000K
Light luminous flux	580lm@3000K
Lumen efficiency	97lm/W
Expected lifetime	L70B30/50000H,Ta=25°C
Size	D95

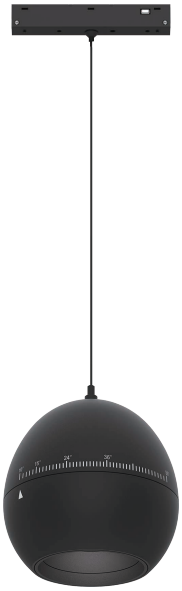
Pendant light

KOE

M20PD-C10

15° UGR <13

55° UGR <16



III

IP20

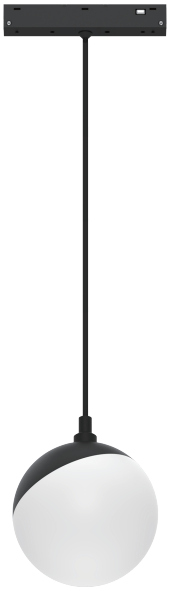
L80B10 50000H

Item No.	M20PD-C10
Material	Aluminum
Color rendering index	CRI90
Beam angle	15°-55°
Input	DC48V
CCT	3000K, 4000K
Rated power	9.5W
LED luminous flux	1130lm@3000K
Light luminous flux	790lm@3000K
Lumen efficiency	83lm/W
Expected lifetime	L80B10/50000H,Ta=25°C
Size	D100 H115

Pendant light

KOE

M20PD-E10



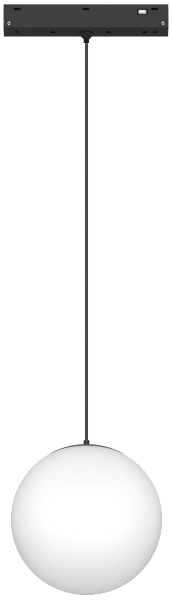
III IP20 L70B30 50000H

Item No.	M20PD-E10
Material	Aluminum+Acrylic
Color rendering index	CRI90
Beam angle	150°
Input	DC48V
CCT	3000K,4000K
Rated power	9W
LED luminous flux	1060lm@3000K
Light luminous flux	800lm@3000K
Lumen efficiency	89lm/W
Expected lifetime	L70B30/50000H,Ta=25°C
Size	D95

Pendant light

KOE

M20PD-F6



III IP20 L70B30 50000H

Item No.	M20PD-F6	M20PD-F6G
Material	Aluminum+Plastic	Aluminum+Glass
Color rendering index	CRI90	CRI90
Beam angle	360°	360°
Input	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K
Rated power	6W	6W
LED luminous flux	710lm@3000K	710lm@3000K
Light luminous flux	430lm@3000K	410lm@3000K
Lumen efficiency	72lm/W	68lm/W
Expected lifetime	L70B30/50000H,Ta=25°C	L70B30/50000H,Ta=25°C
Size	D100	D100

Linear light

KOE

M16LN-FA10



M16LN-FA20

Suitable for track M20S2

III IP20 L70B30 50000H

Item No.	M16LN-FA10	M16LN-FA20
Material	Aluminum	Aluminum
Color rendering index	CRI90	CRI90
Beam angle	120°	120°
Input	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K
Rated power	12W	24W
LED luminous flux	1120lm@3000K	2240lm@3000K
Light luminous flux	500lm@3000K	1000lm@3000K
Lumen efficiency	42m/W	42lm/W
Expected lifetime	L70B30/50000H,Ta=25°C	L70B30/50000H,Ta=25°C
Size	L415 W16 H18	L713 W16 H18

Grille light fixed

KOE

M16GR-FA12



M16GR-FA24



Suitable for track M20S2

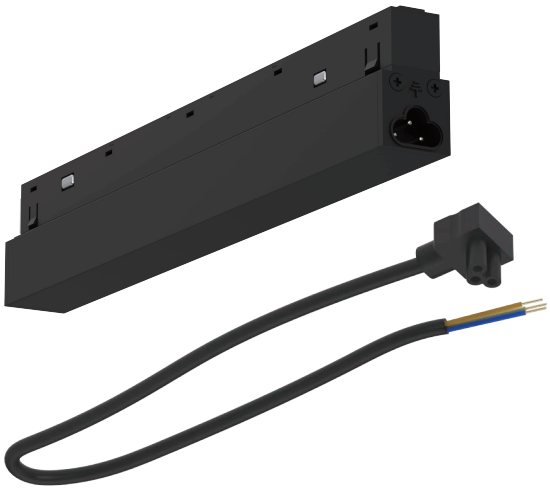
III IP20 L70B30 50000H

Item No.	M16GR-FA12	M16GR-FA24
Material	Aluminum	Aluminum
Color rendering index	CRI90	CRI90
Beam angle	24°, 36°	24°, 36°
Input	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K
Rated power	12W	24W
LED luminous flux	1060lm@3000K	2120lm@3000K
Light luminous flux	700lm@3000K	1400lm@3000K
Lumen efficiency	58lm/W	58lm/W
Expected lifetime	L70B30/50000H,Ta=25°C	L70B30/50000H,Ta=25°C
Size	L344 W16 H18	L572 W16 H18

LED Driver

KOE

M20-P100



M20-P200





Nice outlook with hidden wire



Easy change of driver by plug

Suitable for track M20T5 & M20S5

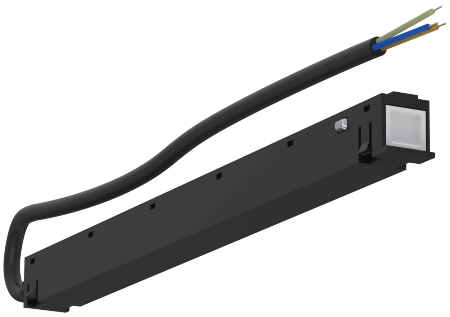
SELV

Item No.	M20-P100	M20-P200
U(Input)	AC180-265V	AC180-265V
F(Input)	50/60Hz	50/60Hz
I(Input)	0.9A	1.5A
U(Output)	48V	48V
I(Output)	Max.2.1A	Max.4.2A
Load	100W	200W
Size	L234 W22.5 H44	L304 W22.5 H44

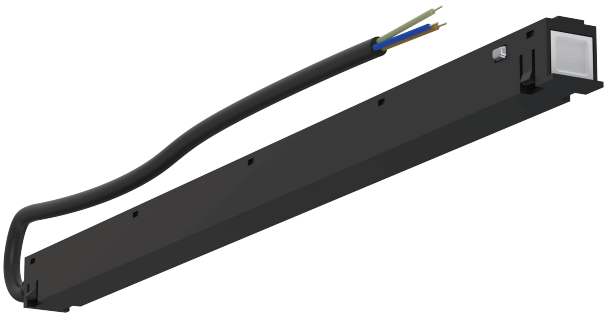
LED Driver

KOE

M16-P80



M16-P150



Suitable for track M20S2

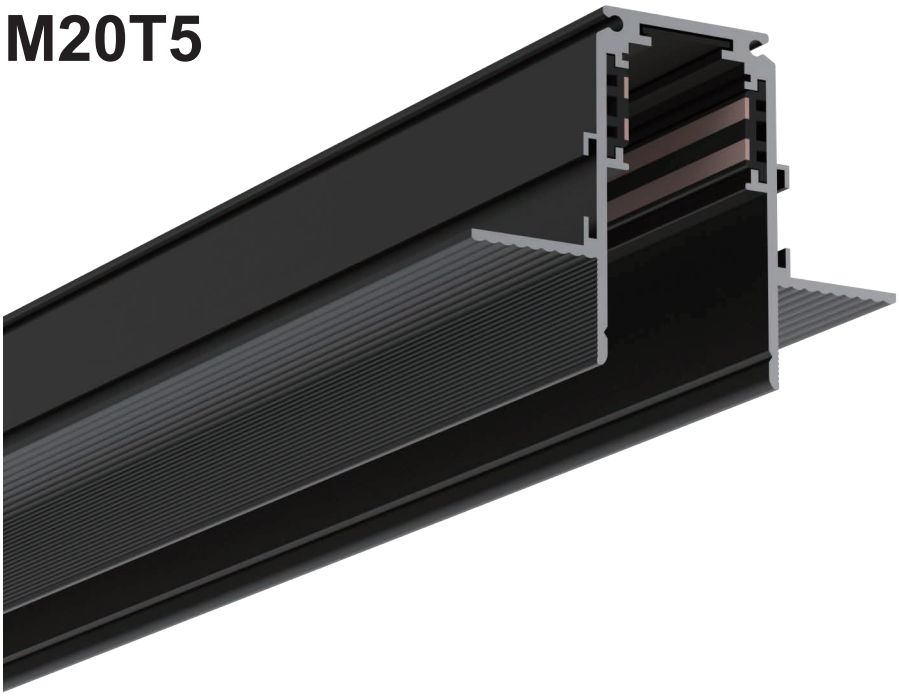
SELV

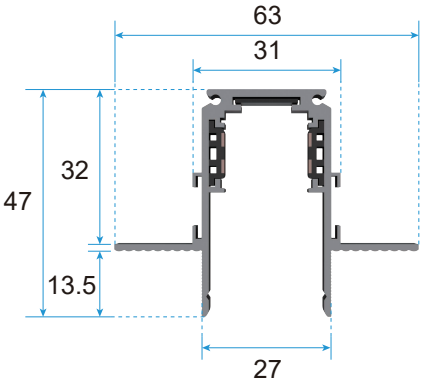
Item No.	M16-P80	M16-P150
U(Input)	AC180-265V	AC180-265V
F(Input)	50/60Hz	50/60Hz
I(Input)	0.7A	1.2A
U(Output)	48V	48V
I(Output)	Max.1.7A	Max.3.1A
Load	80W	150W
Size	L245 W16 H18	L330 W16 H18

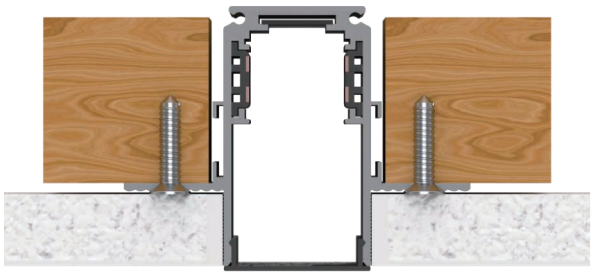
48V Track trimless

KOE

M20T5



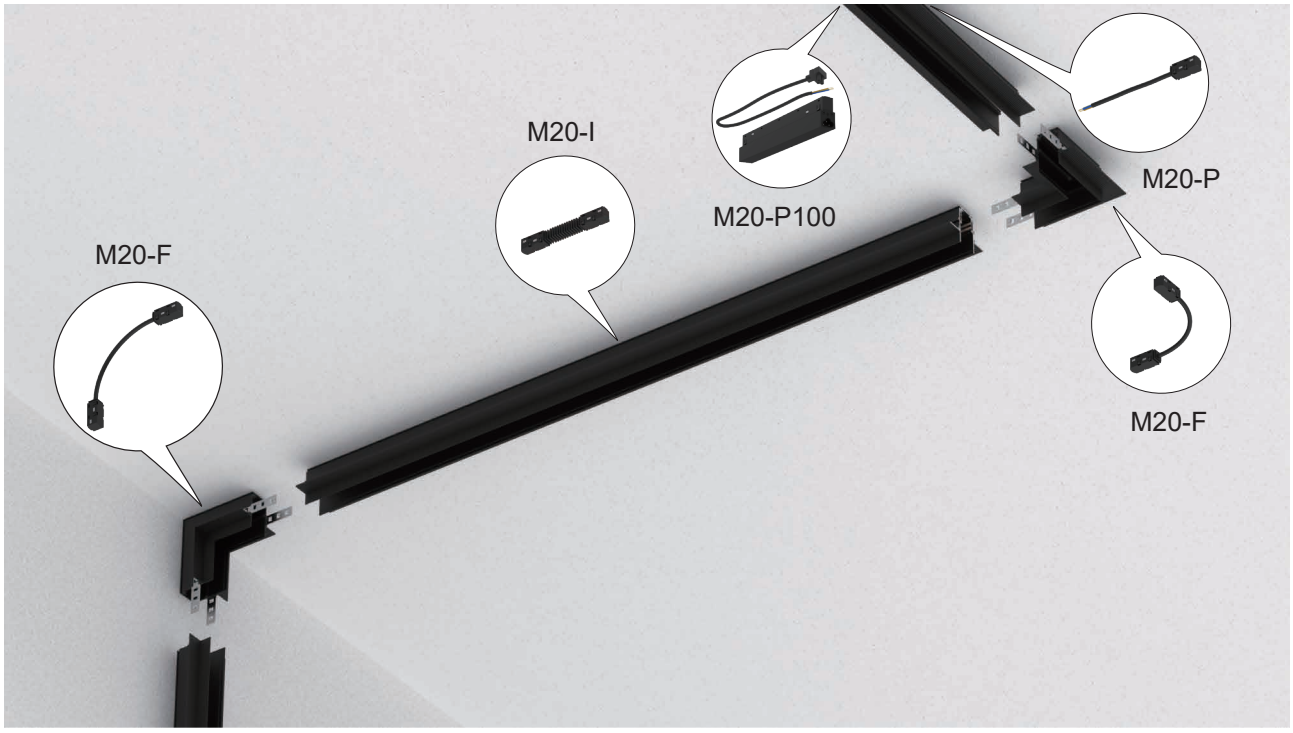


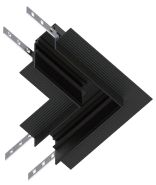


Recessed

Item No.	M20T5 1M	M20T5 2M	M20T5 3M
Material	Aluminum	Aluminum	Aluminum
Input	DC48V	DC48V	DC48V
Max. current	10A	10A	10A
Max. load	5kg	10kg	15kg
Length	1 meter	2 meter	3 meter

Accessories M20T5





M20T5-H
Junction horizontal
Trimless
Used together with Connector F
L100 W100



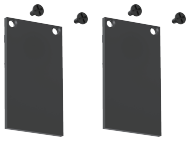
M20T5-V
Junction vertical
Trimless
Used together with Connector F
L100 W100



M20T5-T
Junction T
Trimless
Used together with Connector T
L200 W128 H47



M20T5-X
Junction X
Trimless
Used together with Connector X
L200 W200 H47



M20T5-E
End cap
Trimless
L27 W2 H47



Connector I 4 wires
Max. 6A
(DALI,1-10V)



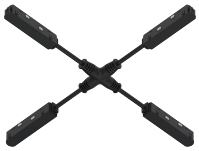
Connector P 4 wires
Max. 6A
(DALI,1-10V)



Connector F 4 wires
Max. 6A
(DALI,1-10V)



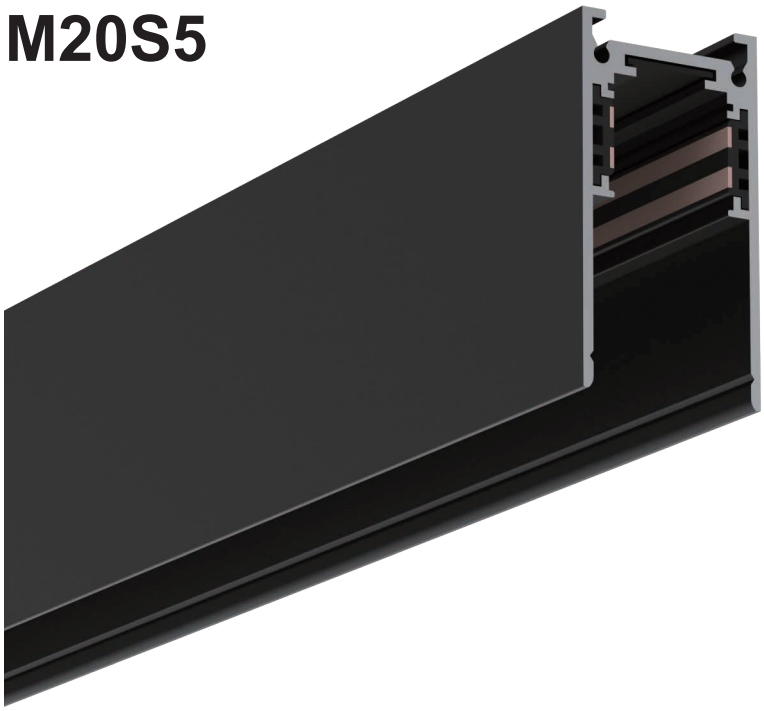
Connector T 4 wires
Max. 6A
(DALI,1-10V)
Used together with Junction T

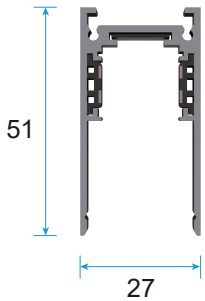


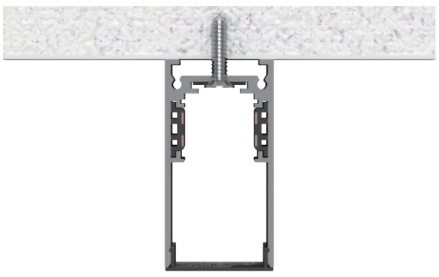
Connector X 4 wires
Max. 6A
(DALI,1-10V)
Used together with Junction X

48V Track surface mount

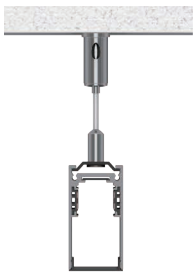
M20S5







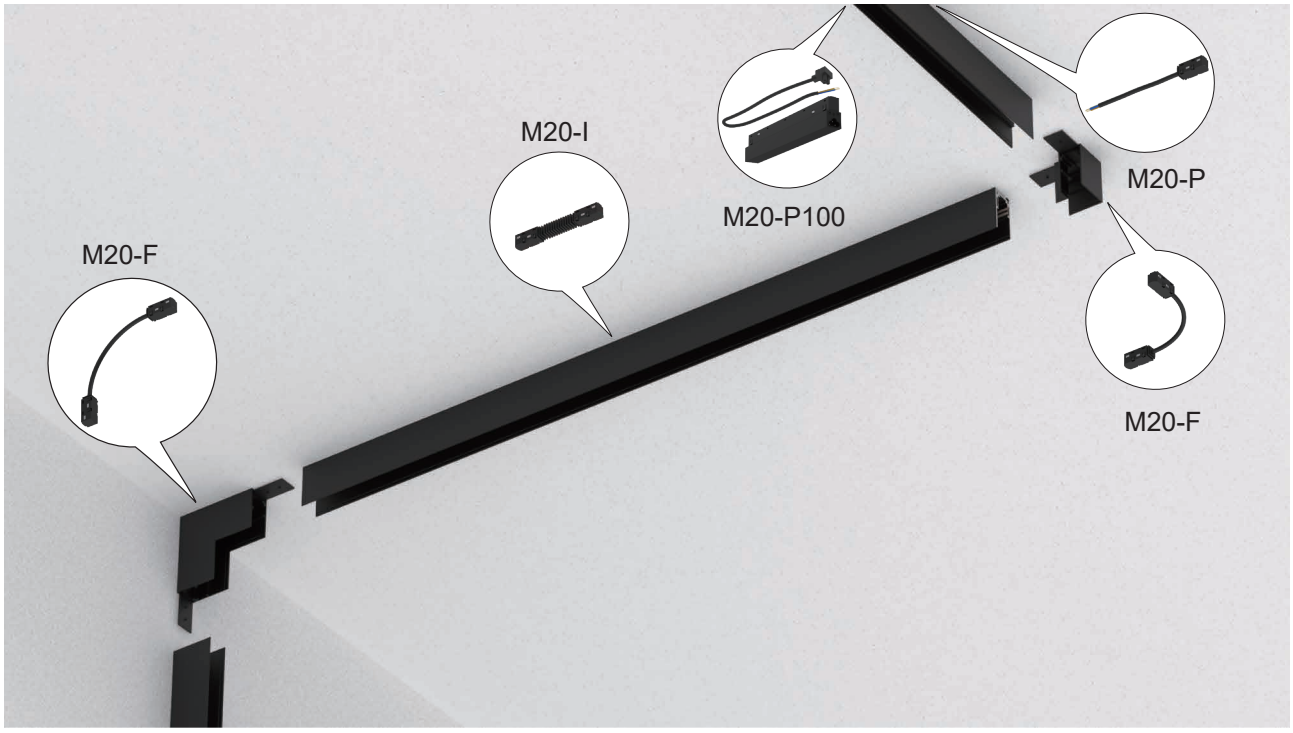
Surface mounted



Pendant

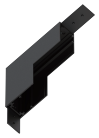
Item No.	M20S5 1M	M20S5 2M	M20S5 3M
Material	Aluminum	Aluminum	Aluminum
Input	DC48V	DC48V	DC48V
Max. current	10A	10A	10A
Max. load	5kg	10kg	15kg
Length	1 meter	2 meter	3 meter

Accessories M20S5





M20S5-H
Junction horizontal
Surface mount
Used together with Connector F
L40 W40 H51



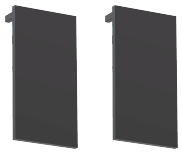
M20S5-V
Junction vertical
Surface mount
Used together with Connector F
L100 W100 H27



M20S5-T
Junction T
Surface mount
Used together with Connector T
L200 W113 H51



M20S5-X
Junction X
Surface mount
Used together with Connector X
L200 W200 H51



M20S5-E
End cap
Surface mount
L27 W2 H51



Connector I 4 wires
Max. 6A
(DALI,1-10V)



Connector P 4 wires
Max. 6A
(DALI,1-10V)



Connector F 4 wires
Max. 6A
(DALI,1-10V)



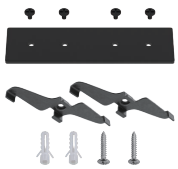
Connector T 4 wires
Max. 6A
(DALI,1-10V)
Used together with Junction T



Connector X 4 wires
Max. 6A
(DALI,1-10V)
Used together with Junction X



2m Pendant kits for M20S



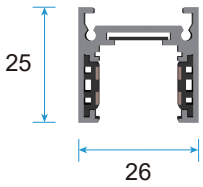
Bracket for M20S

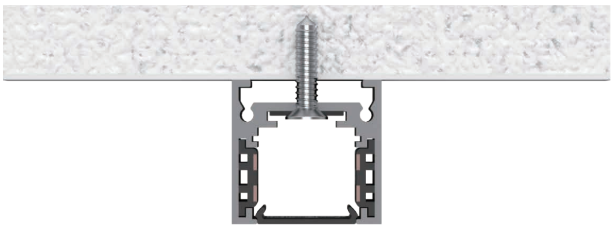
Clamp for M20S

48V Track surface mount

M20S2







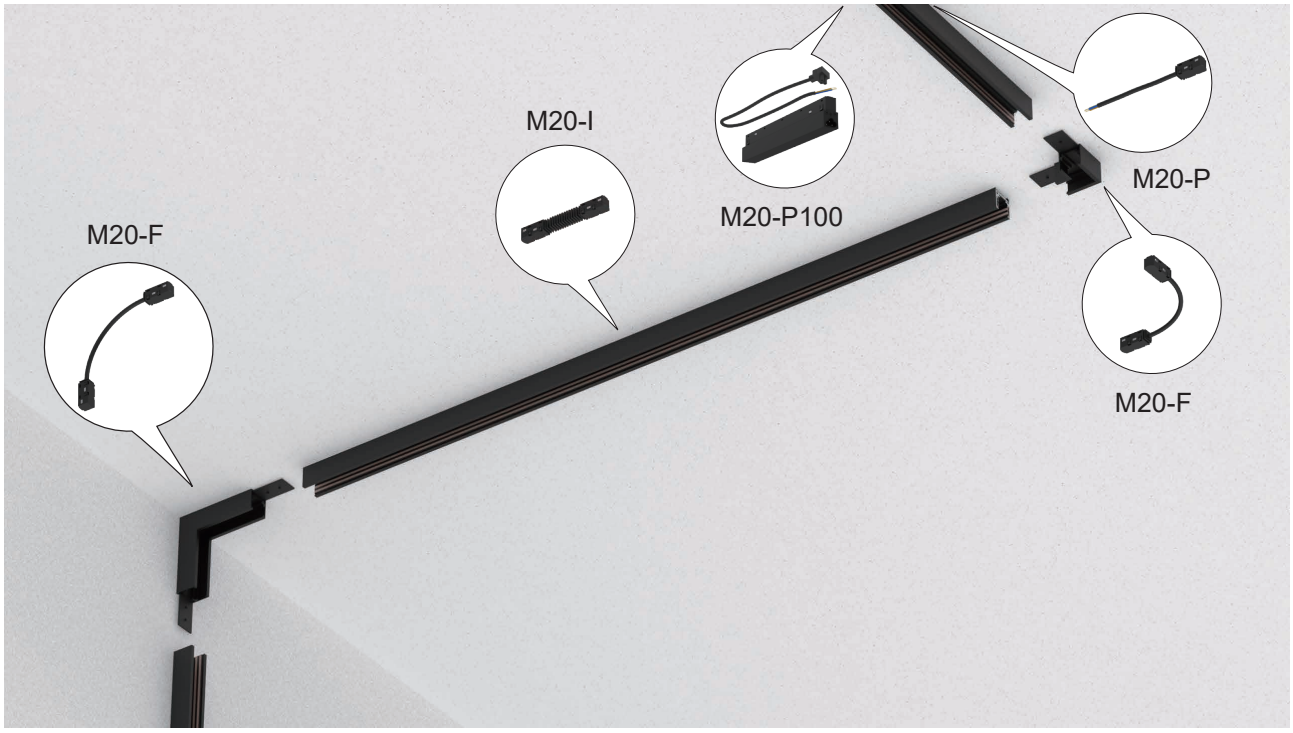
Surface mounted



Pendant

Item No.	M20S2 1M	M20S2 2M	M20S2 3M
Material	Aluminum	Aluminum	Aluminum
Input	DC48V	DC48V	DC48V
Max. current	10A	10A	10A
Max. load	5kg	10kg	15kg
Length	1 meter	2 meter	3 meter

Accessories M20S2





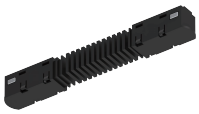
M20S2-H
Junction Horizontal
Surface mount
Used together with Connector F
L40 W40



M20S2-V
Junction Vertical
Surface mount
Used together with Connector F
L100 W100



M20S2-H
End cap
Surface mount
L26 W2 H25



Connector I 2 wires
Max. 6A
(On/off,Bluetooth,Zigbee)



Connector P 2 wires
Max. 6A
(On/off,Bluetooth,Zigbee)



Connector F 2 wires
Max. 6A
(On/off,Bluetooth,Zigbee)



2m Pendant kits for M20S

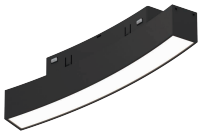


Bracketfor M20S

M20 series

KOE

Linear light



Grille light fixed



Spot light

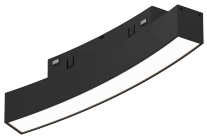




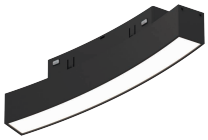
Linear light

KOE

M20LN-FA8 D600



M20LN-FA8 D900

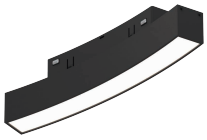


Item No.	M20LN-FA8 D600	M20LN-FA8 D900
Material	Aluminum	Aluminum
Color rendering index	CRI90	CRI90
Beam angle	120°	120°
Input	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K
Rated power	8W	8W
LED luminous flux	900lm@3000K	900lm@3000K
Light luminous flux	380lm@3000K	380lm@3000K
Lumen efficiency	48lm/W	48lm/W
Expected lifetime	L70B30/50000H,Ta=25°C	L70B30/50000H,Ta=25°C
Size	L190 W22 H45	L180 W22 H45

Linear light

KOE

M20LN-FA8 D1200



M20LN-FA16 D1200



Item No.	M20LN-FA8 D1200	M20LN-FA16 D1200
Material	Aluminum	Aluminum
Color rendering index	CRI90	CRI90
Beam angle	120°	120°
Input	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K
Rated power	8W	16W
LED luminous flux	900lm@3000K	1800lm@3000K
Light luminous flux	380lm@3000K	760lm@3000K
Lumen efficiency	48lm/W	48lm/W
Expected lifetime	L70B30/50000H,Ta=25°C	L70B30/50000H,Ta=25°C
Size	L180 W22 H45	L375 W22 H45

Grille light fixed

KOE

M20GR-FB6 D600



M20GR-FB6 D900



III IP20 24° UGR <13 36° UGR <16 L70B30 50000H

Item No.	M20GR-FB6 D600	M20GR-FB6 D900
Material	Aluminum	Aluminum
Color rendering index	CRI90	CRI90
Beam angle	24°,36°	24°,36°
Input	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K
Rated power	5W	5W
LED luminous flux	530lm@3000K	530lm@3000K
Light luminous flux	400lm@3000K	400lm@3000K
Lumen efficiency	80lm/W	80lm/W
Expected lifetime	L70B30/50000H,Ta=25°C	L70B30/50000H,Ta=25°C
Size	L190 W22 H45	L180 W22 H45

Grille light fixed

KOE

M20GR-FB6 D1200



M20GR-FB12 D1200



24° UGR <13 | 36° UGR <16 | III | IP20 | L70B30 50000H

Item No.	M20GR-FB6 D1200	M20GR-FB12 D1200
Material	Aluminum	Aluminum
Color rendering index	CRI90	CRI90
Beam angle	24°,36°	24°,36°
Input	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K
Rated power	5W	10W
LED luminous flux	530lm@3000K	1060lm@3000K
Light luminous flux	400lm@3000K	800lm@3000K
Lumen efficiency	80lm/W	80lm/W
Expected lifetime	L70B30/50000H,Ta=25°C	L70B30/50000H,Ta=25°C
Size	L180 W22 H45	L375 W22 H45

Spot light

KOE

M20SP-A10



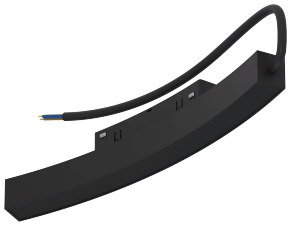
UGR <19 | 350° 90° | III | IP20 | L80B10 50000H

Item No.	M20SP-A10 D600	M20SP-A10 D900	M20SP-A10 D1200
Material	Aluminum	Aluminum	Aluminum
Color rendering index	CRI90	CRI90	CRI90
Beam angle	24°,36°	24°,36°	24°,36°
Input	DC48V	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K	3000K, 4000K
Rated power	9.5W	9.5W	9.5W
LED luminous flux	1130lm@3000K	1130lm@3000K	1130lm@3000K
Light luminous flux	910lm@3000K	910lm@3000K	910lm@3000K
Lumen efficiency	96lm/W	96lm/W	96lm/W
Expected lifetime	L80B10/50000H,Ta=25°C	L80B10/50000H,Ta=25°C	L80B10/50000H,Ta=25°C
Size	D45 H100	D45 H100	D45 H100

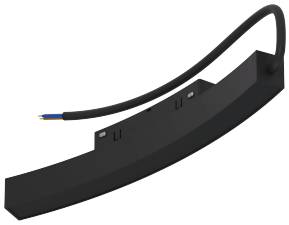
LED Driver

KOE

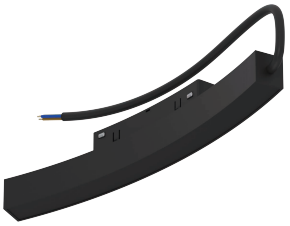
M20-P100 D600



M20-P100 D900



M20-P100 D1200



SELV

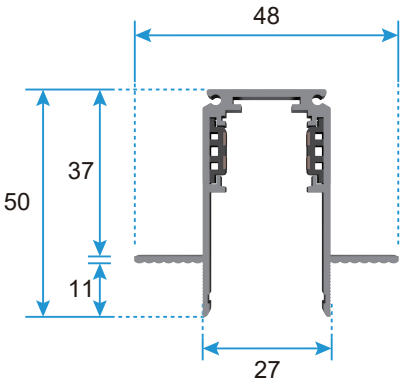
Item No.	M20-P100 D600	M20-P100 D900	M20-P100 D1200
U(Input)	AC180-265V	AC180-265V	AC180-265V
F(Input)	50/60Hz	50/60Hz	50/60Hz
I(Input)	0.9A	0.9A	0.9A
U(Output)	48V	48V	48V
I(Output)	Max.2.1A	Max.2.1A	Max.2.1A
Load	100W	100W	100W
Size	L275 W22 H45	L275 W22 H45	L275 W22 H45

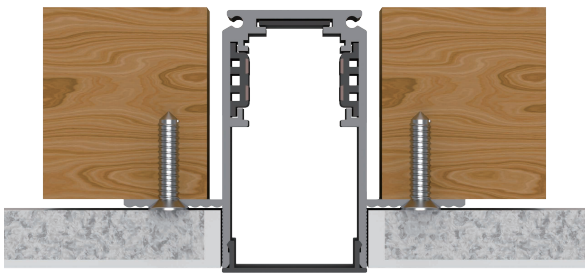
48V Track trimless

KOE

M20T5-Circle







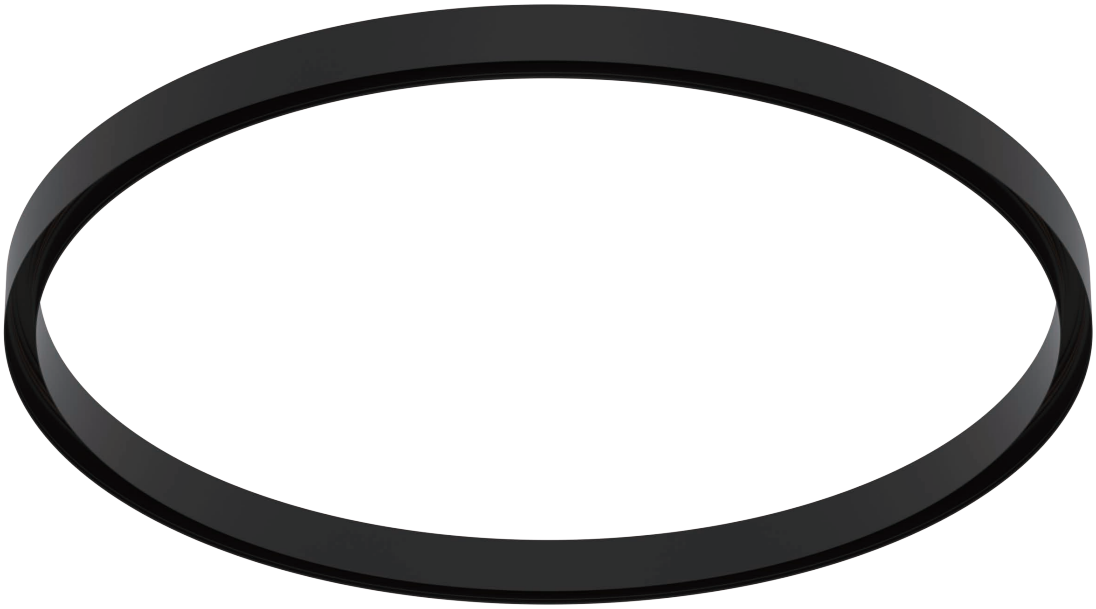
Recessed

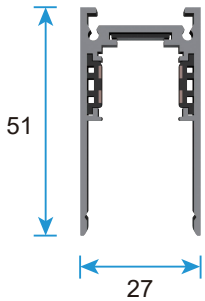
Item No.	M20T5 D600	M20T5 D900	M20T5 D1200
Material	Aluminum	Aluminum	Aluminum
Input	DC48V	DC48V	DC48V
Max. current	10A	10A	10A
Max. load	5kg	10kg	15kg
Size	D600 H51	D900 H51	D1200 H51

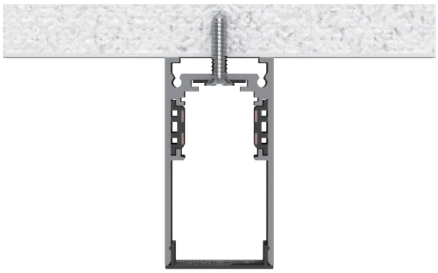
48V Track surface mount

KOE

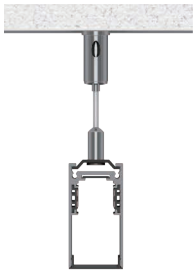
M20S5-Circle







Surface mounted



Pendant

Item No.	M20S5 D600	M20S5 D900	M20S5 D1200
Material	Aluminum	Aluminum	Aluminum
Input	DC48V	DC48V	DC48V
Max. current	10A	10A	10A
Max. load	5kg	10kg	15kg
Size	D600 H51	D900 H51	D1200 H51

Accessories M20S5

KOE



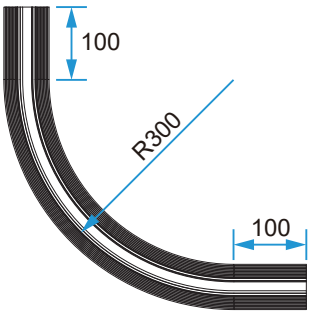


PD-M20C 1.2M
PD-M20C 2M
Pendant kits for M20C
Iron & Brass

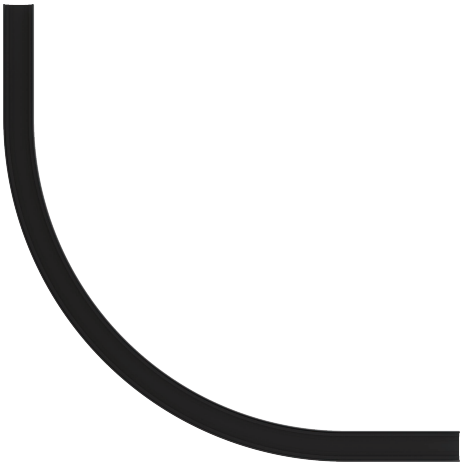
48V Track surface mount

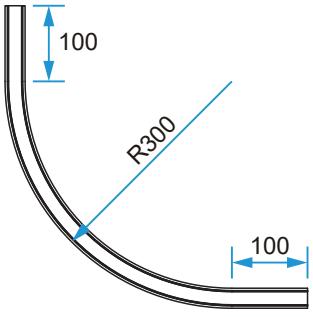
M20T5-11 R300+100





M20S5 R300+100



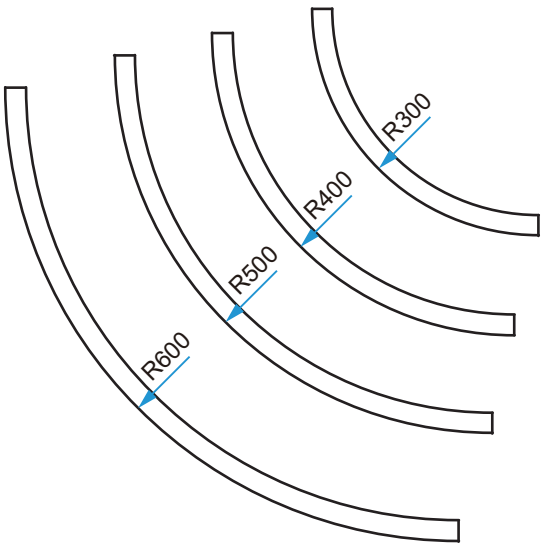


Item No.	M20T5-11 R300+100	M20S5 R300+100
Material	Aluminum	Aluminum
Input	DC48V	DC48V
Max. current	10A	10A
Size	D600 H400	D600 H400

48V Track surface mount

M20T5-11

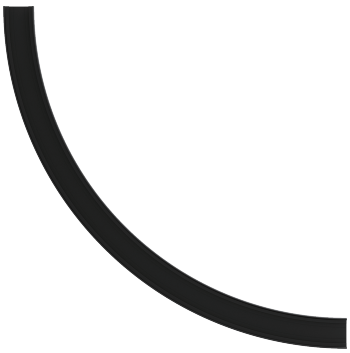


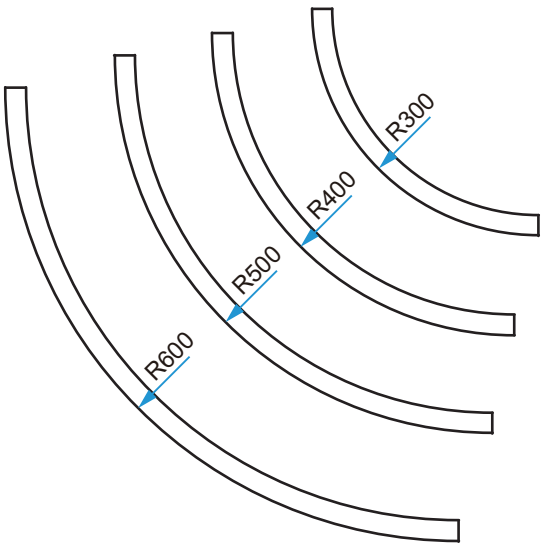


Item No.	M20T5-11 R300	M20T5-11 R400	M20T5-11 R500	M20T5-11 R600
Material	Aluminum	Aluminum	Aluminum	Aluminum
Input	DC48V	DC48V	DC48V	DC48V
Max. current	10A	10A	10A	10A

48V Track surface mount

M20S5

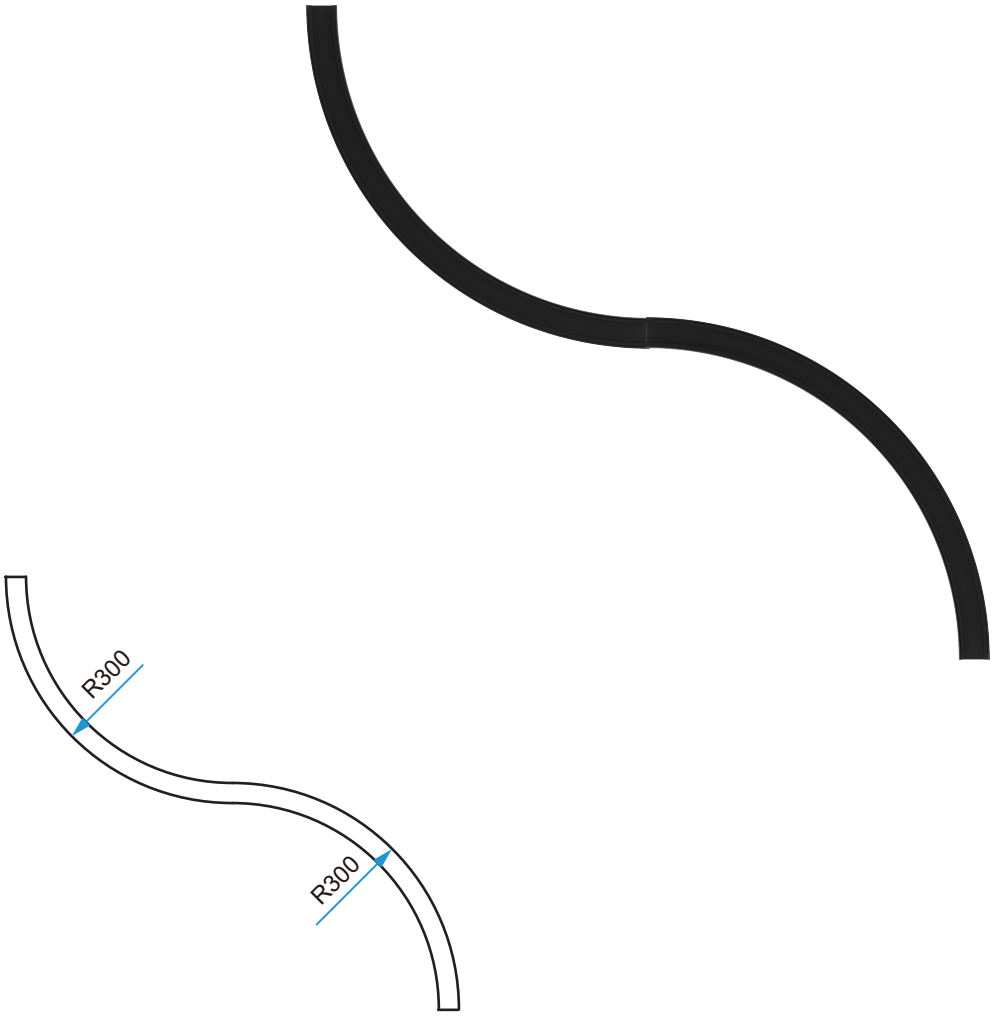




Item No.	M20S5 R300	M20S5 R400	M20S5 R500	M20S5 R600
Material	Aluminum	Aluminum	Aluminum	Aluminum
Input	DC48V	DC48V	DC48V	DC48V
Max. current	10A	10A	10A	10A

48V Track surface mount

M20S5



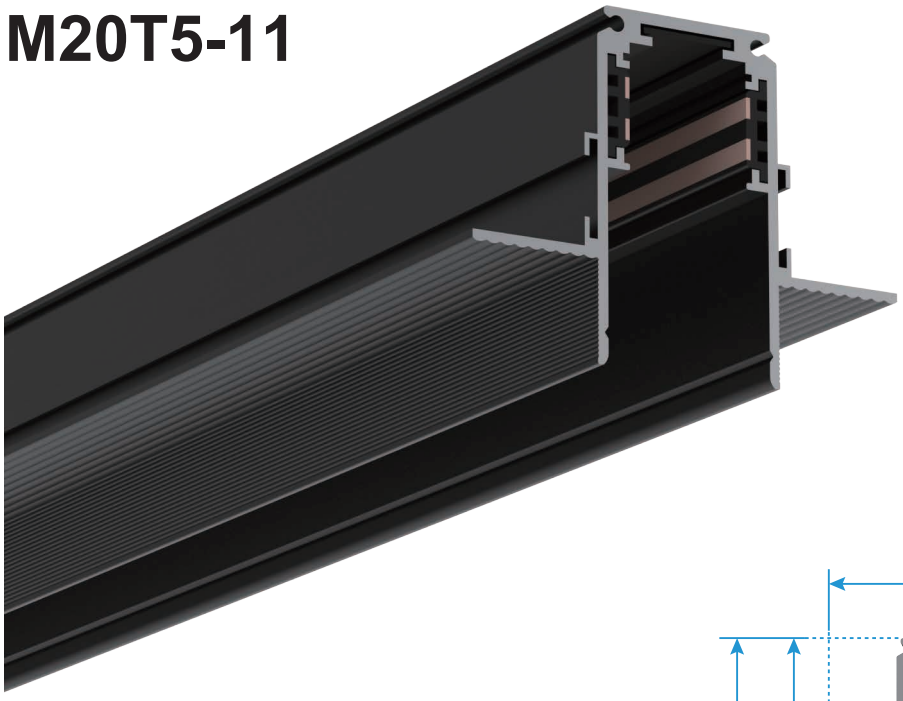


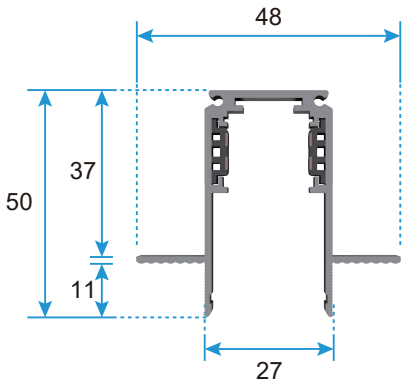
M20-I4
Connector I 4 wires
Max.6A
(DALI,1-10V)

Item No.	M20T5-11 R300S	M20S5 R300S
Material	Aluminum	Aluminum
Input	DC48V	DC48V
Max. current	10A	10A

48V Track surface mount

M20T5-11



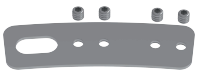




M20-I4
Connector I 4 wires
Max.6A
(DALI,1-10V)



BR-M20S SBK
Bracket for M20 arc
pendant ≥ R500
L80 W23 H2

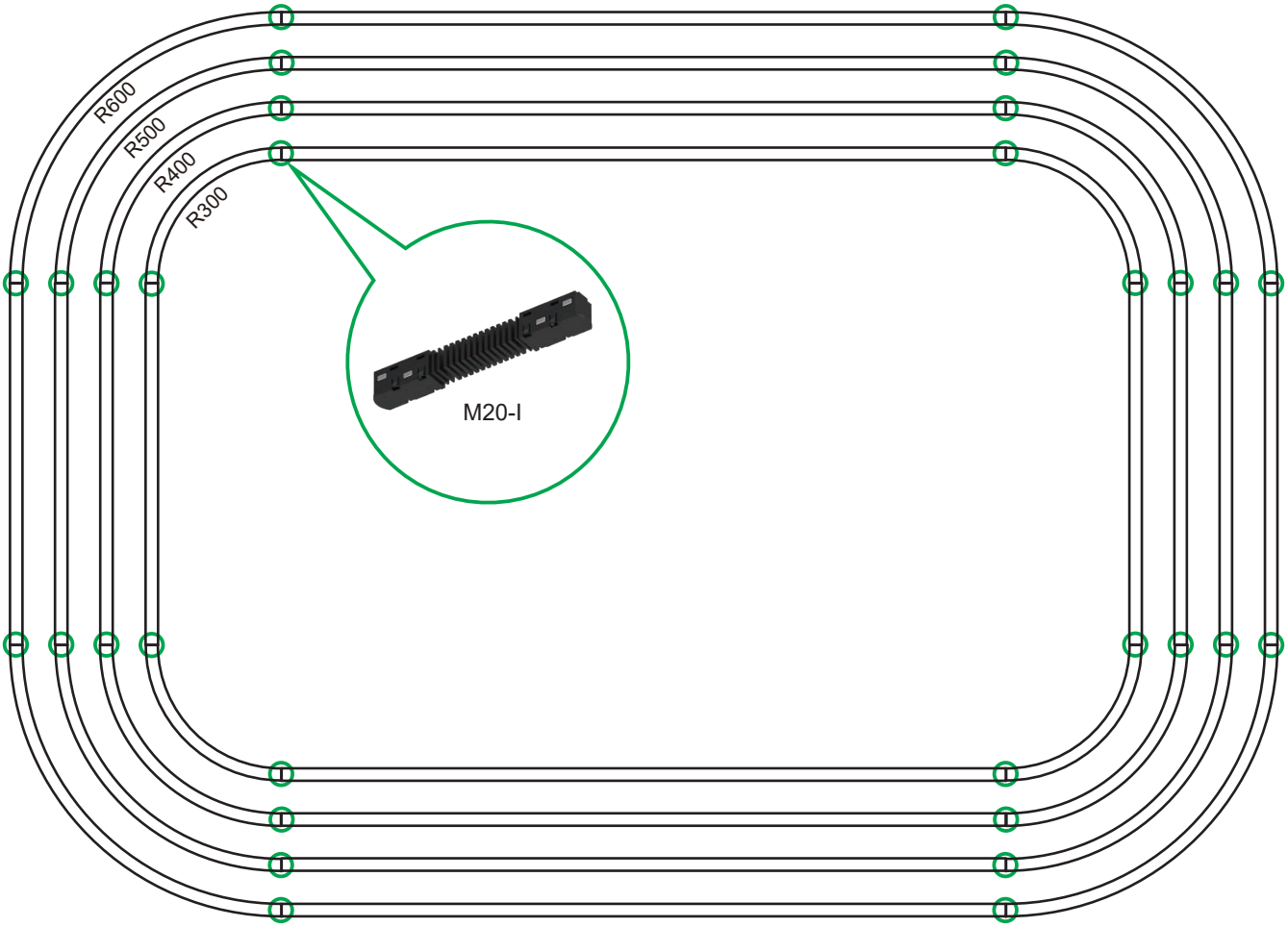


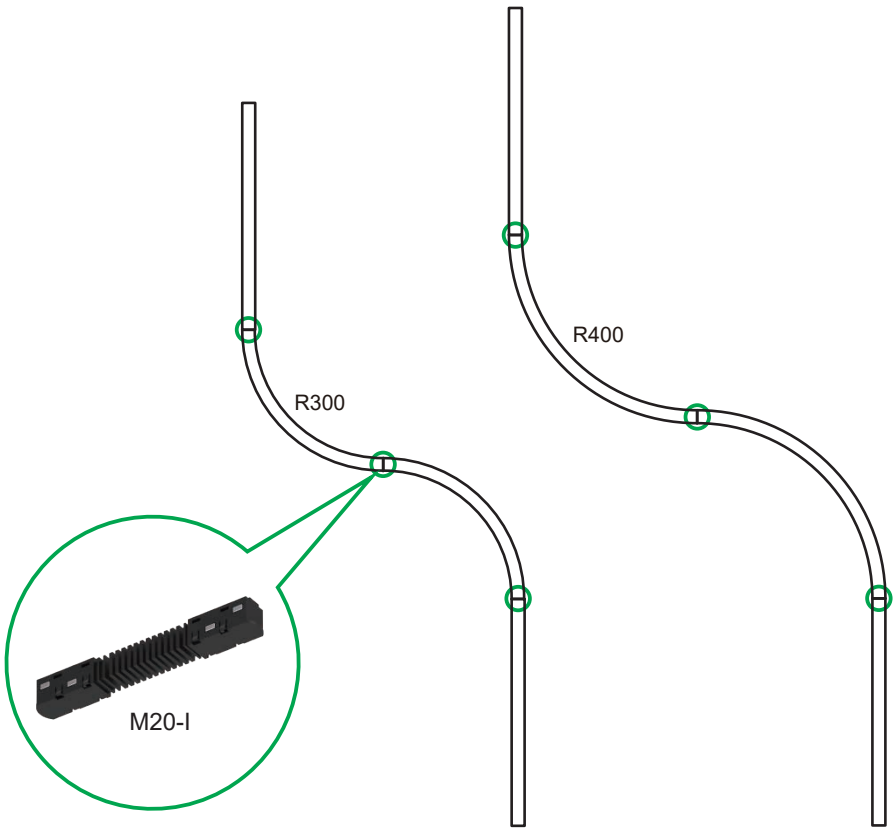
BR-M20A
Bracket for M20 arc
pendant ≥ R300

Item No.	M20T5-11 1M	M20T5-11 2M	M20T5-11 3M
Material	Aluminum	Aluminum	Aluminum
Input	DC48V	DC48V	DC48V
Max. current	10A	10A	10A
Max. load	5kg	10kg	15kg
Length	1 meter	2 meter	3 meter

Arcs & Lines Combined

Trimless: straight track must chose M20T5-11.





Arcs & Lines Combined

Trimless: straight track must chose M20S5.

