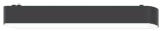
U23 track system

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.

U23T3

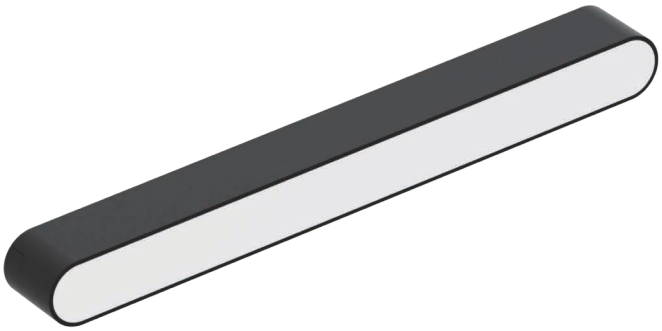
U23S1



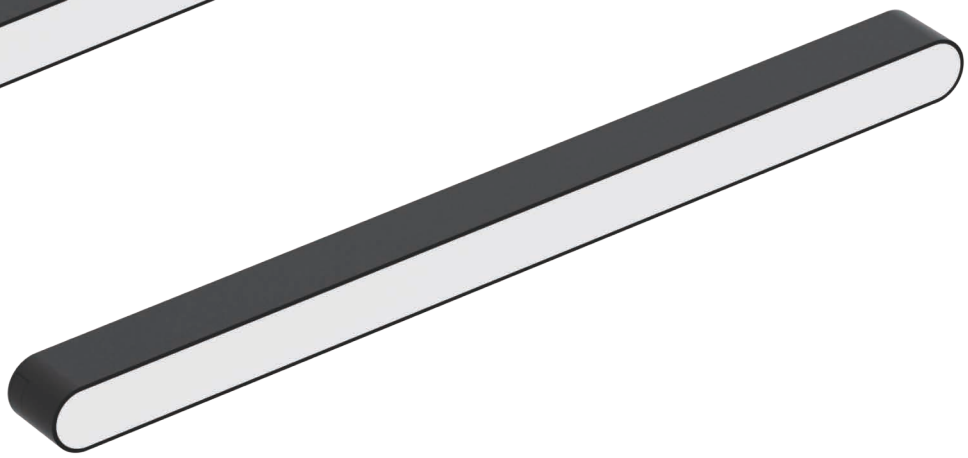
Linear light

KOE

U23LN-FA10



U23LN-FA15

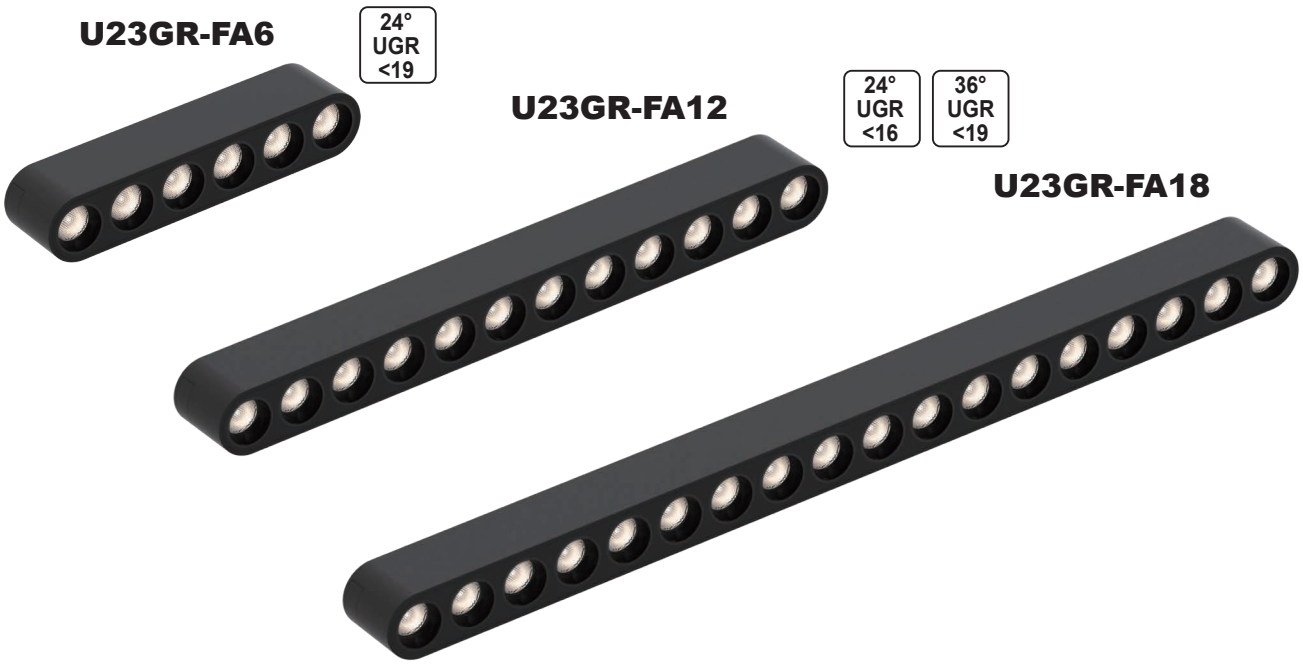


III IP20 L70B30 50000H

Item No.	U23LN-FA10	U23LN-FA15
Material	Aluminum	Aluminum
Color rendering index	CRI90	CRI90
Beam angle	120°	120°
Input	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K
Rated power	9W	15W
LED luminous flux	980lm@3000K	1590lm@3000K
Light luminous flux	650lm@3000K	1050lm@3000K
Lumen efficiency	72lm/W	70lm/W
Expected lifetime	L70B30/50000H,Ta=25°C	L70B30/50000H,Ta=25°C
Size	L235 W23 H27	L351 W23 H27

Grille light fixed

KOE



III IP20 L70B30 50000H

Item No.	U23GR-FA6	U23GR-FA12	U23GR-FA18
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	12W	18W
LED luminous flux	610lm@3000K	1220lm@3000K	1830lm@3000K
Light luminous flux	480lm@3000K	960lm@3000K	1440lm@3000K
Lumen efficiency	80lm/W	80lm/W	80lm/W
Expected lifetime	L70B30/50000H, Ta=25°C	L70B30/50000H, Ta=25°C	L70B30/50000H, Ta=25°C
Size	L119 W23 H27	L235 W23 H27	L351 W23 H27

Grille light turnable

KOE

U23GR-TA6

24° UGR <19



U23GR-TA12

24° UGR <16

36° UGR <19



350° 90°

III

IP20

L70B30 50000H

Item No.	U23GR-TA6	U23GR-TA12
Material	Aluminum	Aluminum
Color rendering index	CRI90	CRI90
Beam angle	24°, 36°	24°, 36°
Input	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K
Rated power	6W	12W
LED luminous flux	610lm@3000K	1220lm@3000K
Light luminous flux	480lm@3000K	960lm@3000K
Lumen efficiency	80lm/W	80lm/W
Expected lifetime	L70B30/50000H,Ta=25°C	L70B30/50000H,Ta=25°C
Size	L119 W23 H75	L235 W23 H75

Spot light

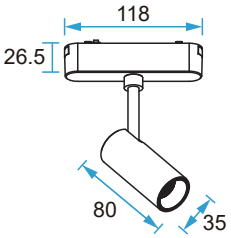
KOE

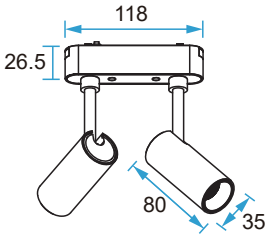
U23SP-A6



U23SP-A6/2









Item No.	U23SP-A6	U23SP-A6/2
Material	Aluminum	Aluminum
Color rendering index	CRI90	CRI90
Beam angle	24°, 36°	24°, 36°
Input	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K
Rated power	5.5W	11W
LED luminous flux	680lm@3000K	1360lm@3000K
Light luminous flux	510lm@3000K	1020lm@3000K
Lumen efficiency	93lm/W	93lm/W
Expected lifetime	L80B10/50000H,Ta=25°C	L80B10/50000H,Ta=25°C
Size	D35 H80	D35 H80

Spot light

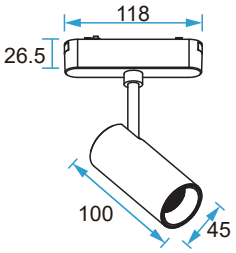
KOE

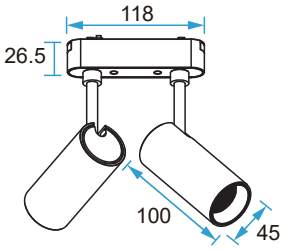
U23SP-A10



U23SP-A10/2









Item No.	U23SP-A10	U23SP-A10/2
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	19W
LED luminous flux	1130lm@3000K	2260lm@3000K
Light luminous flux	900lm@3000K	1800lm@3000K
Lumen efficiency	95lm/W	95lm/W
Expected lifetime	L80B10/50000H,Ta=25°C	L80B10/50000H,Ta=25°C
Size	D45 H100	D45 H100

Spot light

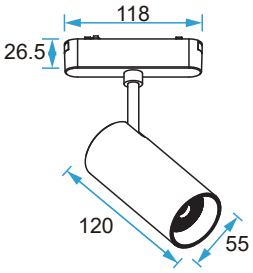
KOE

U23SP-A20

24° UGR <16

36° UGR <19





350° 90°

III

IP20

L80B10 50000H

Item No.	U23SP-A20
Material	Aluminum
Color rendering index	CRI90
Beam angle	24°, 36°
Input	DC48V
CCT	3000K, 4000K
Rated power	20W
LED luminous flux	1890lm@3000K
Light luminous flux	1640lm@3000K
Lumen efficiency	82lm/W
Expected lifetime	L80B10/50000H,Ta=25°C
Size	D55 H120

Spot light

KOE

U23SP-B8

25° UGR <13

55° UGR <22

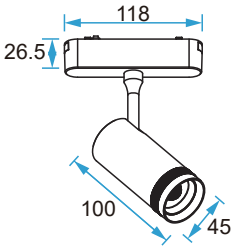


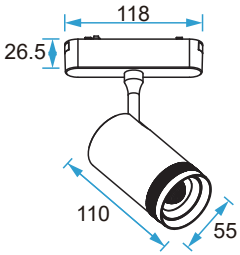
U23SP-B16

25° UGR <16

55° UGR <22







350° 90°

III

IP20

L80B10 50000H

Item No.	U23SP-B8	U23SP-B16
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

U23SP-D10



350° 90° | III | IP20 | L70B30 50000H

Item No.	U23SP-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

U23SP-E10



350° III IP20 L70B30 50000H

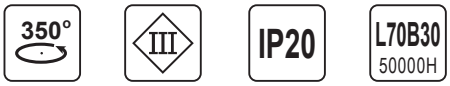
Item No.	U23SP-E10
Material	Aluminum+Acrylic
Color rendering index	CRI90
Beam angle	150°
Input	DC48V
CCT	3000K, 4000K
Rated power	9W
LED luminous flux	1060lm@3000K
Light luminous flux	800lm@3000K
Lumen efficiency	89lm/W
Expected lifetime	L70B30/50000H,Ta=25°C
Size	D95

Spot light

KOE

U23SP-F6





Item No.	U23SP-F6	U23SP-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

U23PD-A10

UGR <19



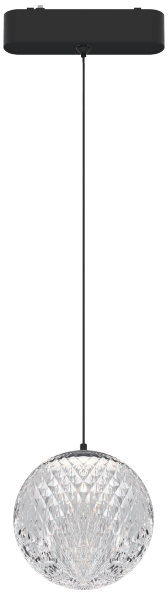
III IP20 L80B10 50000H

Item No.	U23PD-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

U23PD-851M



III IP20 L70B30 50000H

Item No.	U23PD-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

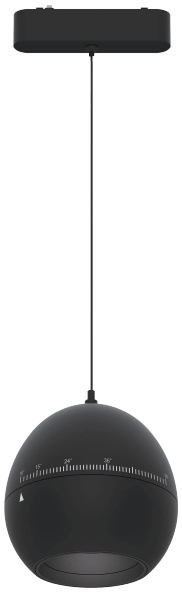
Pendant light

KOE

U23PD-C10

15° UGR <13

55° UGR <16



III

IP20

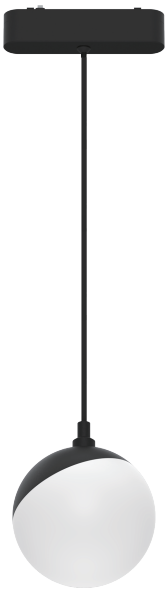
L80B10 50000H

Item No.	U23PD-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

U23PD-E10



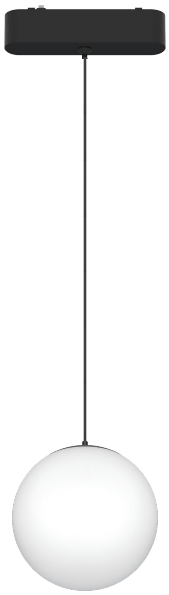
III IP20 L70B30 50000H

Item No.	U23PD-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

U23PD-F6

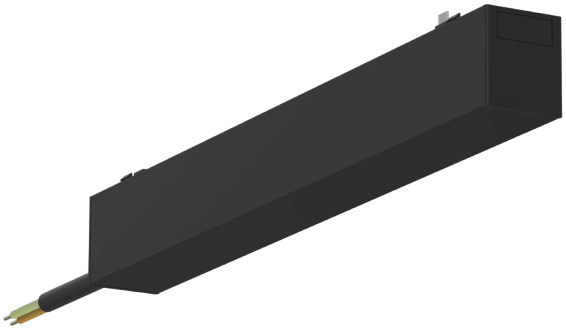


Item No.	U23PD-F6	U23PD-F6G
Material	Aluminum+Plastic	Aluminum+Glass
Color rendering index	CRI90	CRI90
Beam angle	360°	360°
Input	DC48V	DC48V
CCT	3000K, 4000K	3000K, 4000K
Rated power	6W	6W
LED luminous flux	710lm@3000K	710lm@3000K
Light luminous flux	430lm@3000K	410lm@3000K
Lumen efficiency	72lm/W	68lm/W
Expected lifetime	L70B30/50000H,Ta=25°C	L70B30/50000H,Ta=25°C
Size	D100	D100

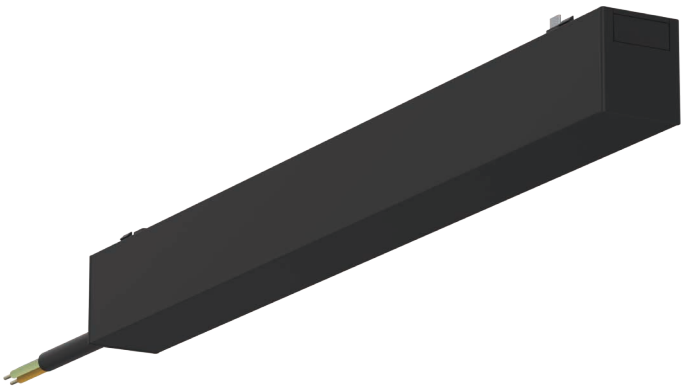
LED Driver

KOE

U23-P100



U23-P200



SELV

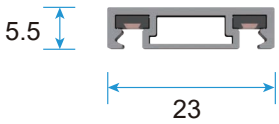
Item No.	U23-P100	U23-P200
U(Input)	AC220-240V	AC220-240V
F(Input)	50/60Hz	50/60Hz
I(Input)	0.9A	1.5A
U(Output)	48V	48V
I(Output)	Max.2.1A	Max.4.2A
Load	100W	200W
Size	L225 W23 H26	L280 W23 H26

Ultra thin track surface mount

KOE

U23S1



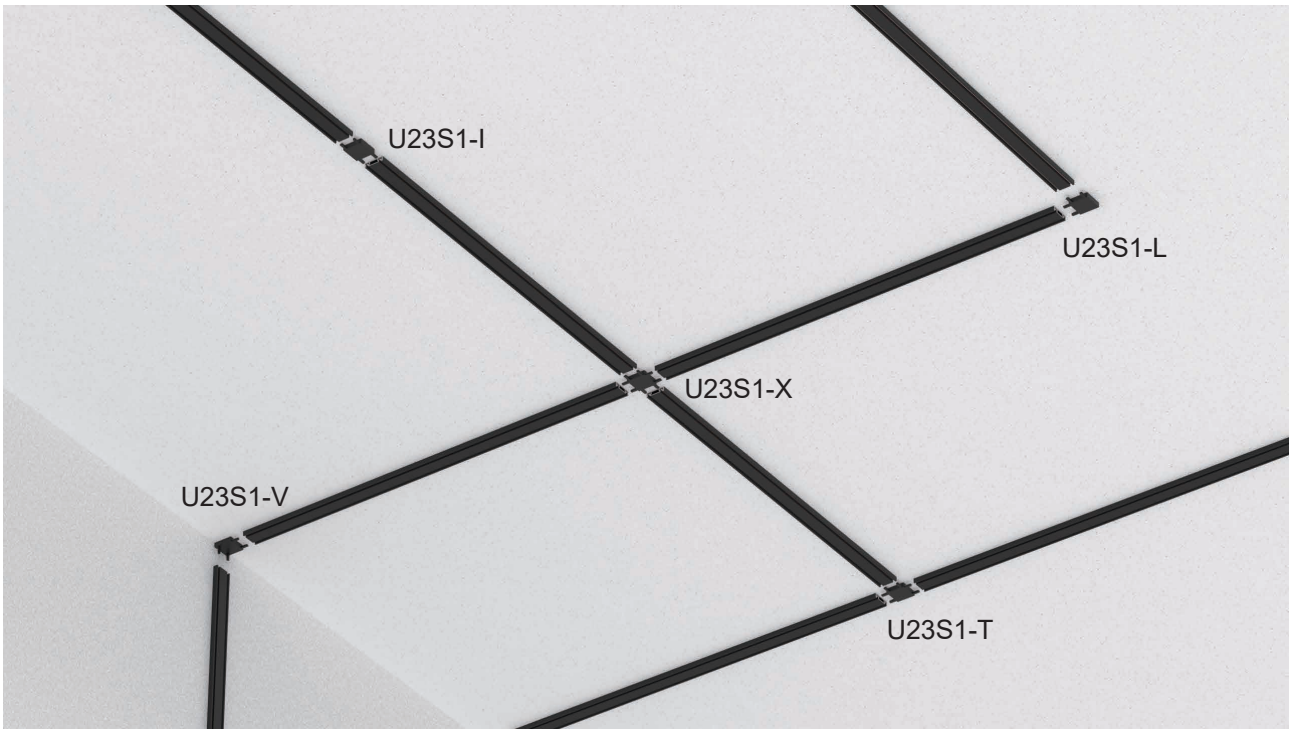


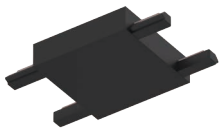


Surface mounted

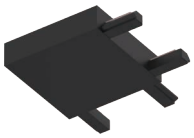
Item No.	U23S1 1M	U23S1 2M	U23S1 3M
Material	Aluminum	Aluminum	Aluminum
Input	DC48V	DC48V	DC48V
Max. current	10A	10A	10A
Max. load	5kg	10kg	15kg
Length	1 meter	2 meter	3 meter

Accessories U23S1

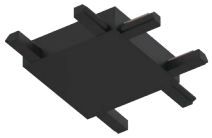




U23S1-I
Connector I
Plastic
Max. 10A
L23 W23 H5.5



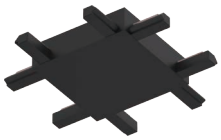
U23S1-L
Connector L
Plastic
Max. 10A
L23 W23 H5.5



U23S1-T
Connector T
Plastic
Max. 10A
L23 W23 H5.5



U23S1-V
Connector V
Plastic
Max. 10A
L23 W23 H5.5



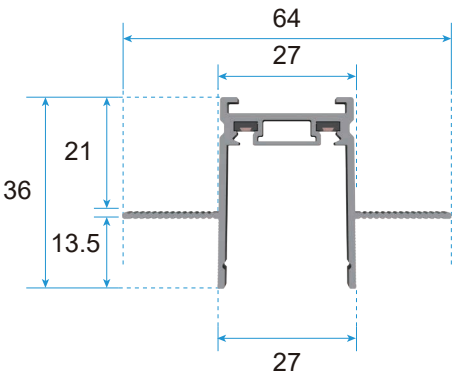
U23S1-X
Connector X
Plastic
Max. 10A
L23 W23 H5.5

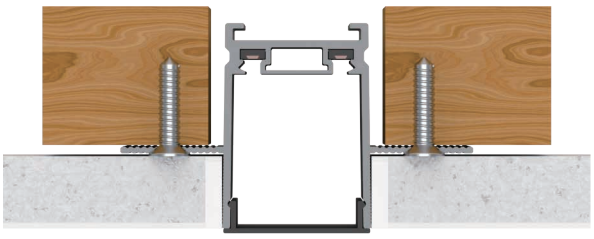
Ultra thin track trimless

KOE

U23T3



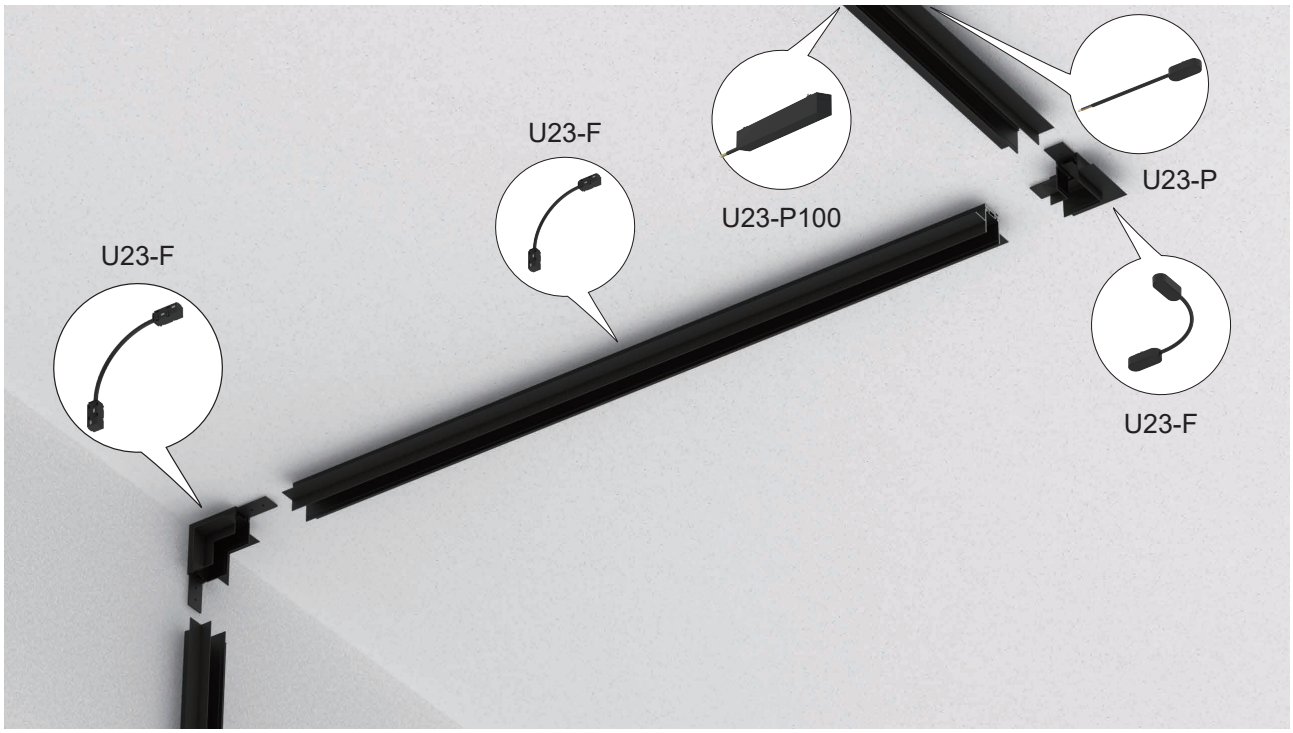


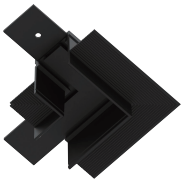


Recessed

Item No.	U23T3 1M	U23T3 2M	U23T3 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 U23T3





U23T3-H
Junction horizontal
Trimless
L65 W65 H36



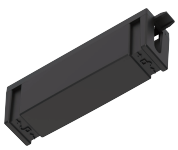
U23T3-V
Junction vertical
Trimless
L65 W65 H64



U23-P
Connector P
Max. 5A



U23-F
Connector F
Max. 5A



U23-B
Cable box
L100 W23 H26