

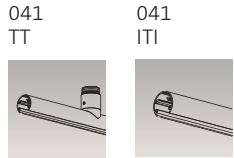
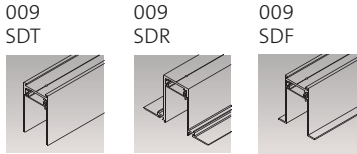
melis

systems

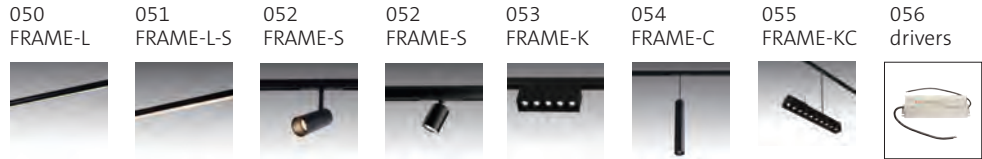


INDEX

GO System 003-031



FRAME System 032-056



RAFTER System 057-063





GO

Ultimate slim, perfect style

Innovative slim linear connecting system, with a perfect combination between track and LED fixture.

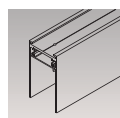
Not only emphasizing on characteristics and rapid installation of the modules, it also creates simple and clean appearance.

Unique designed spot, panel and downlight modules are available for multitasking lighting requirement.

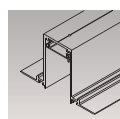
This is a perfect solution to maximize lighting creativity.

GO

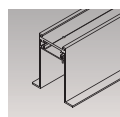
GO track



SDT surface mounted & pendant track p. 9



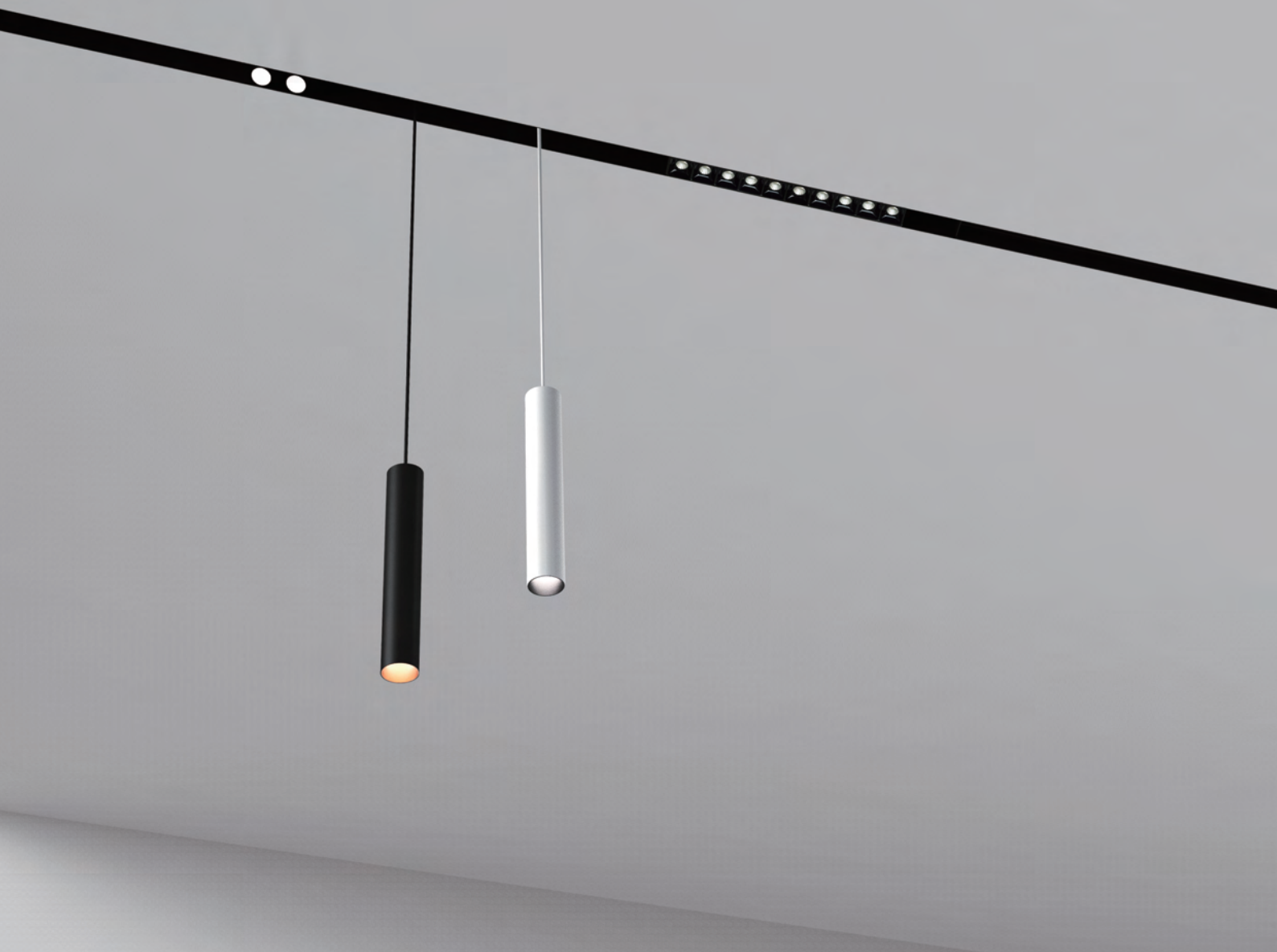
SDR trimless recessed track p. 9



SDF trim recessed track p. 9

GO modules

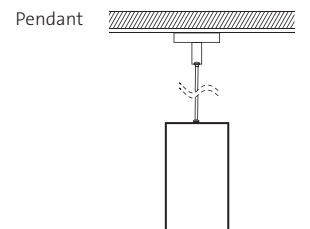
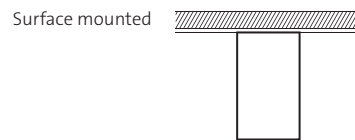
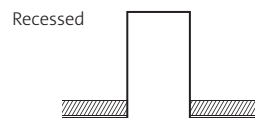
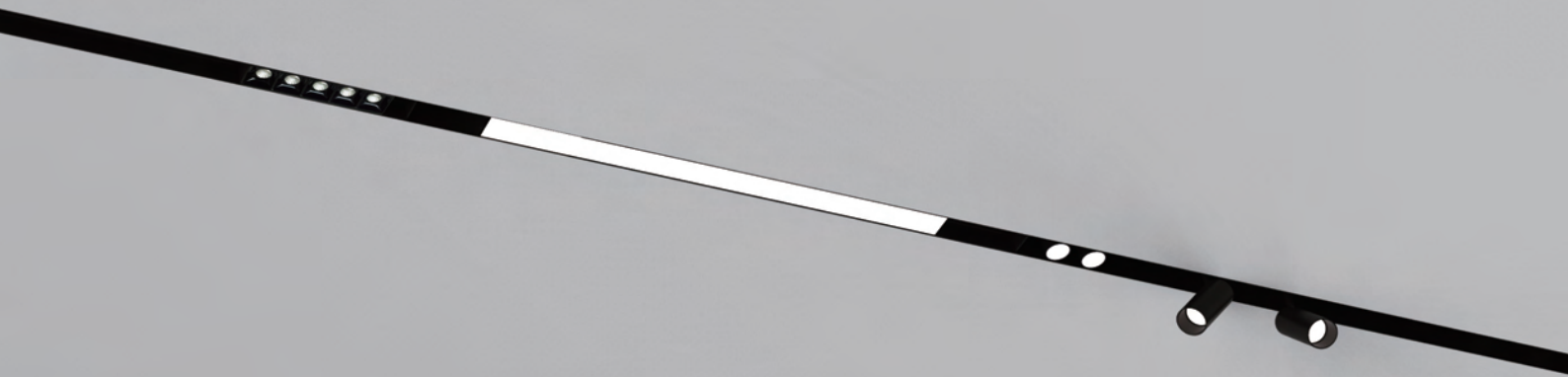
	Series name	Watts	Lumen	p. 15
	GO-K	11w 22w 33w	825 1650 2475	
	GO-P	9,2w 18,4w 27,5w	305 620 1005	p.17
	GO-W	11w	568	p. 19
	GO-S	6,4w 12,7w	366 725	p. 21
	GO-GR	5,3w	85	p. 23
	GO-GL	5,3w	300	p. 25
	GO-C	6,4w	433	p. 27
	GO-KC	22w	1650	p. 29
	GO-KS	11w	825	p. 31



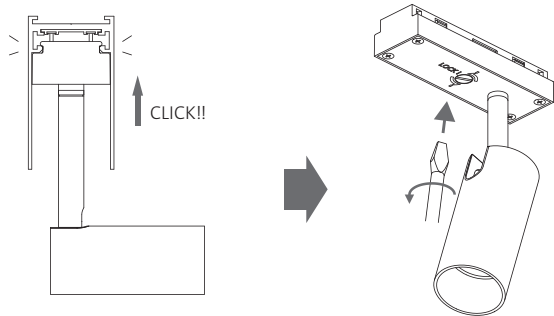
GO

Slim linear connecting system in recessed, surface mounted or pendant. Suitable for all kinds of interior surroundings.

The LED modules are designed with a simple linear style, each serie performs its own function, making lighting design easier than ever.

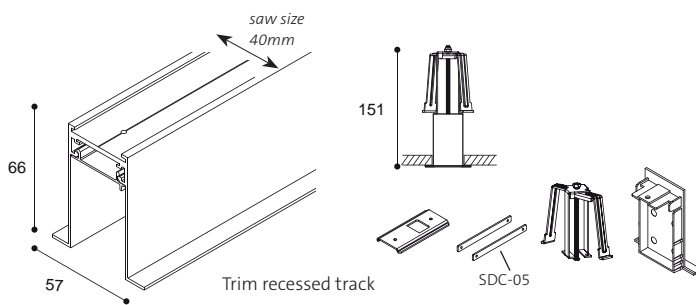
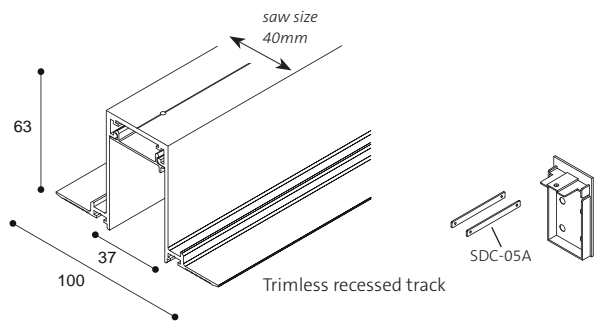
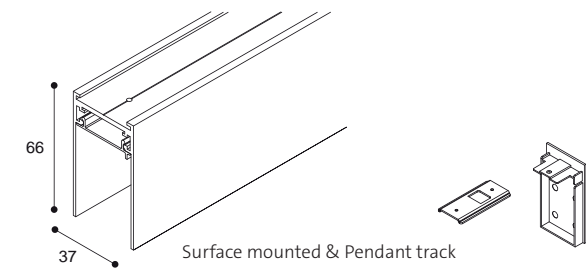


GO



LED fixture installation is designed to be simple and convenient, just plug and play, no tools, significant savings on installation and maintenance. The track cover can be moved or cut to fit to make overall appearance minimalistic.

TRACK SECTION



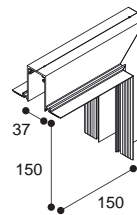
Product performance

Article number:	L
GOSDT-01	1500mm
GOSDT-02	2100mm
GOSDT-03	2500mm

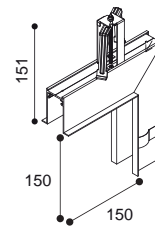
Article number:	L
GOSDR-01	1500mm
GOSDR-02	2100mm
GOSDR-03	2500mm

Article number:	L
GOSDF-01	1500mm
GOSDF-02	2100mm
GOSDF-03	2500mm

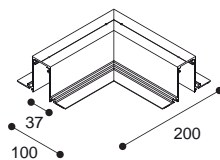
ACCESSOIRES



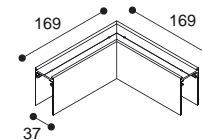
Article number: GOSDR-04
Type: Trimless recessed vertical corner



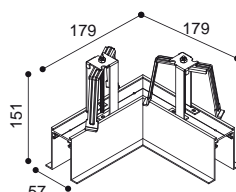
Article number: GOSDF-04
Type: Trimless recessed vertical corner



Article number: GOSDR-05
Type: Trimless recessed horizontal corner

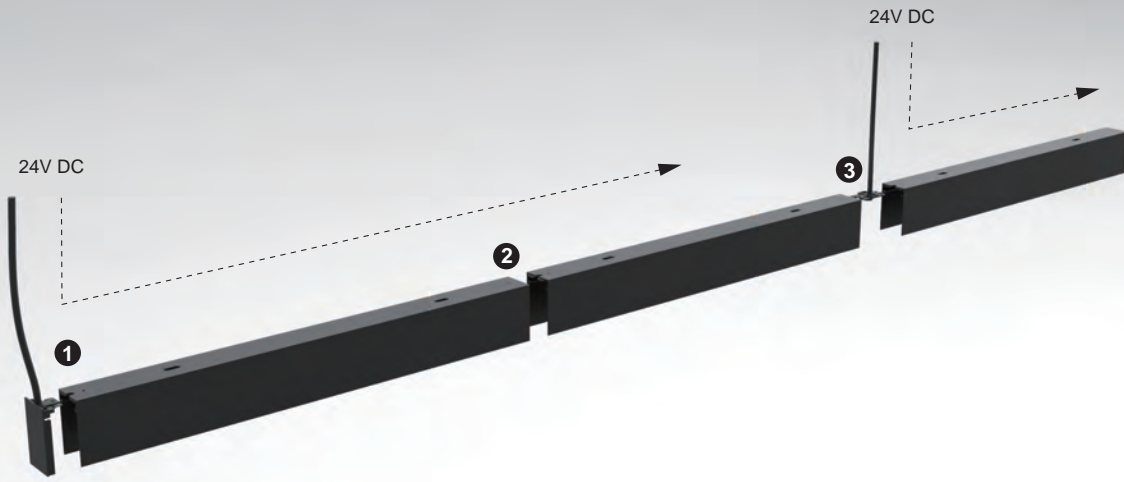


Article number: GOSDT-05
Type: Surface mounted & pendant horizontal corner



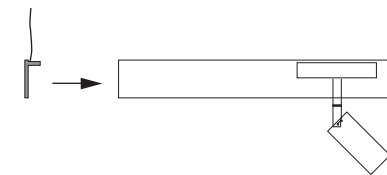
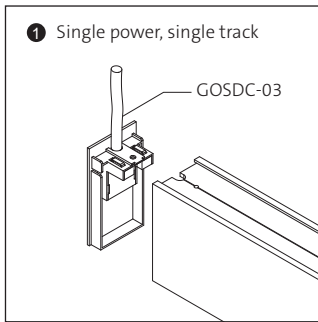
Article number: GOSDF-12
Type: Trimless recessed horizontal corner

GO

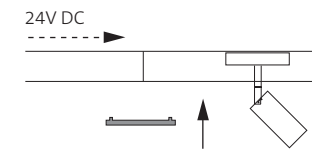
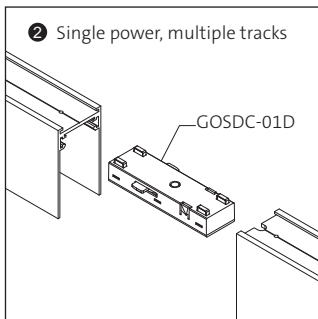
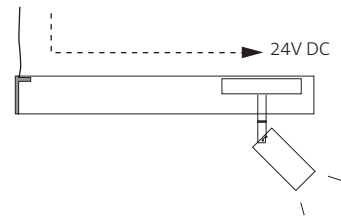


APPLICATION

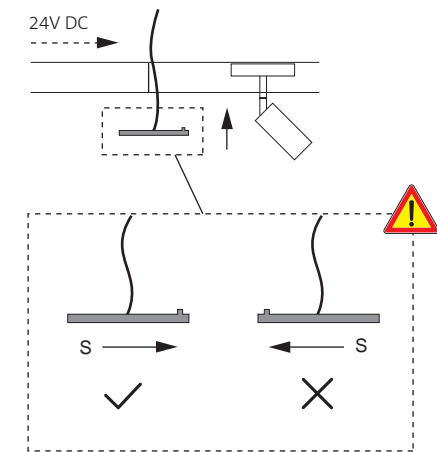
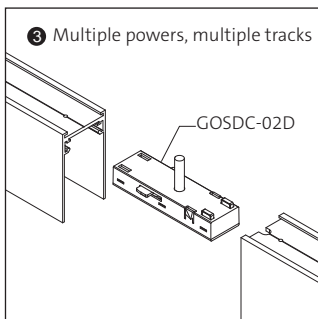
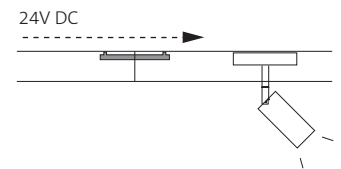
connecting power in different conditions for continuous connection



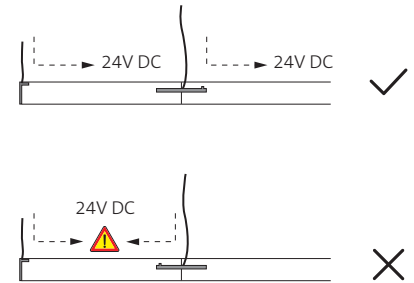
Using power end cap (GOSDC-03) as power feed



Using circuit joint (GOSDC-01D) to connect between tracks

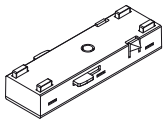


Using power joint (GOSDC-02D) to connect more drivers

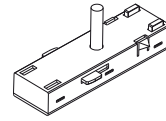


Do not install fixture between the tracks when a new driver is connected into the circuit

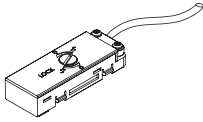
ACCESSOIRES
Connections



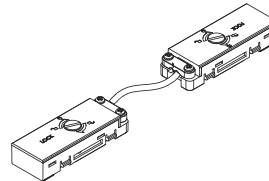
Article number: GOSDC-01D
Type: Circuit joint



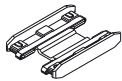
Article number: GOSDC-02D
Type: Power joint
Length: 200cm



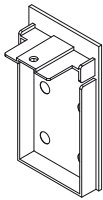
Article number: GOSDC-09
Type: Power joint
Length: 200cm



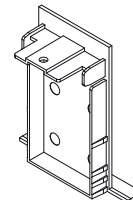
Article number: GOSDC-10
Type: Circuit joint



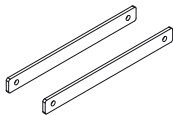
Article number: GOSDC-07D
Type: Mini circuit joint



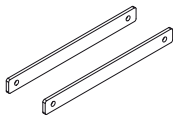
Article number: GOSDC-04
Type: Surface mounted & pendant & trimless
recessed end cap without power cord



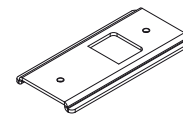
Article number: GOSDC-04A
Type: Trim recessed end cap
without power cord



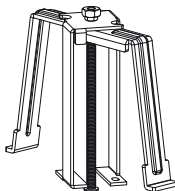
Article number: GOSDC-05
Type: Recessed reinforced joint



Article number: GOSDC-05A
Type: Recessed reinforced joint

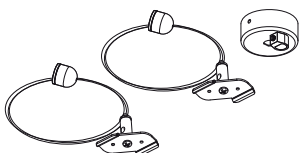


Article number: GOSDC-06
Type: Surface mounted &
pendant reinforced plate

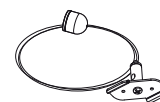


Article number: GOSDI-10
Type: Trim recessed clip

Pendant

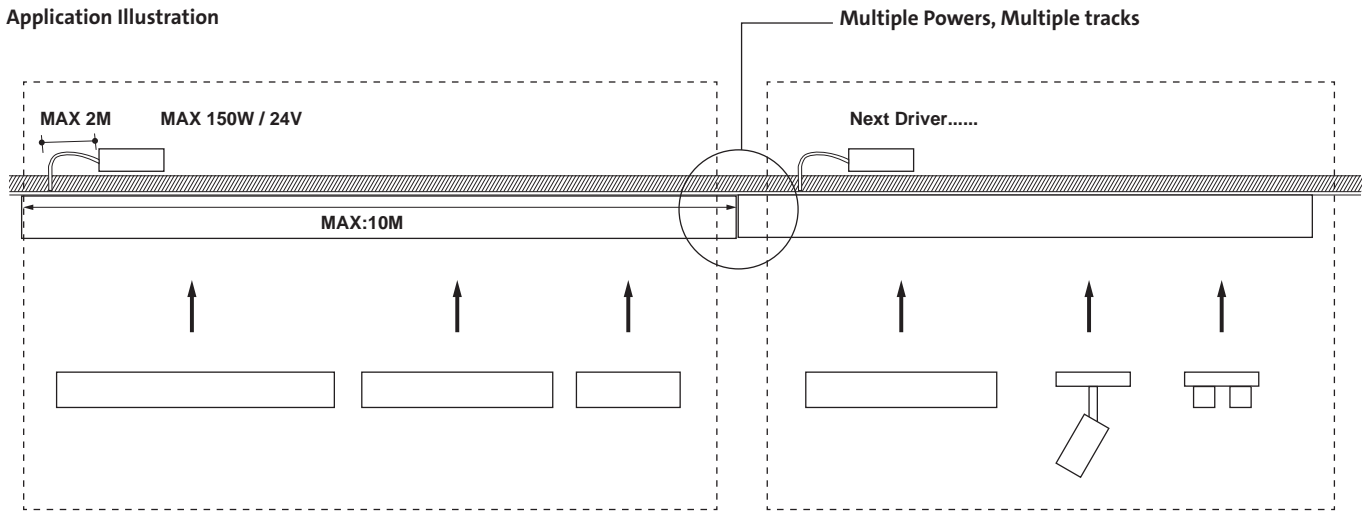


Article number: GOSDI-05
Type: Pendant kit for power connection
without power cord
Length: 150cm



Article number: GOSDI-06
Type: Pendant kit
without power cord
Length: 150cm

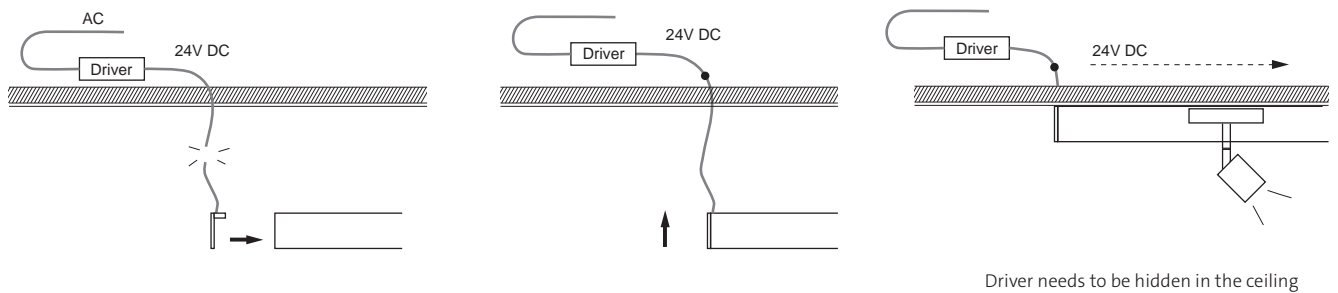
Application Illustration



NOTE:

1. Max wattage linkable per loop for 24VDC is 150W.
2. Max length of track linkable per loop is 10m , and the max cable length between driver and track is 2m.
3. Dimming modules are compatible to PWM dimming driver only.
4. To use drivers not on recommended list , it requires a compatibility test before installation.
5. Tracks allows a continuous link without limitation, it also can be divided into sections to light up individual areas, making lighting application easy as 123.

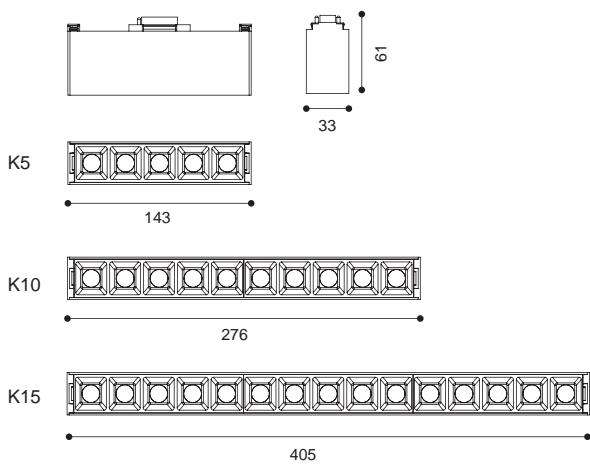
Driver Installation



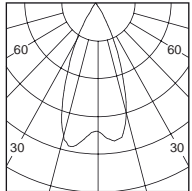




GO-K

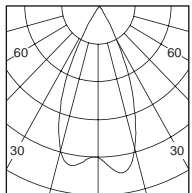


GO-K5



h (m)	D (m)	E (lx)
44°		
1.0	0.80	1543
2.0	1.60	385
3.0	2.40	171
4.0	3.20	96
5.0	4.00	61

GO-K10



h (m)	D (m)	E (lx)
46°		
1.0	0.84	3073
2.0	1.69	768
3.0	2.54	341
4.0	3.39	192
5.0	4.24	122

Housing colour:  White optional

Baffle colour:  Black

Product performance

GO-K5

Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Locking Type	Article no.
11w	3000k	825	90+	30°	24V DC	Push	GO1817.406A-30
11w	3000k	825	90+	40°	24V DC	Push	GO1817.406A-40
11w	3000k	825	90+	54°	24V DC	Push	GO1817.406A-54

GO-K10

Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Locking Type	Article no.
22w	3000k	1650	90+	30°	24V DC	Push	GO1817.406B-30
22w	3000k	1650	90+	40°	24V DC	Push	GO1817.406B-40
22w	3000k	1650	90+	54°	24V DC	Push	GO1817.406B-54

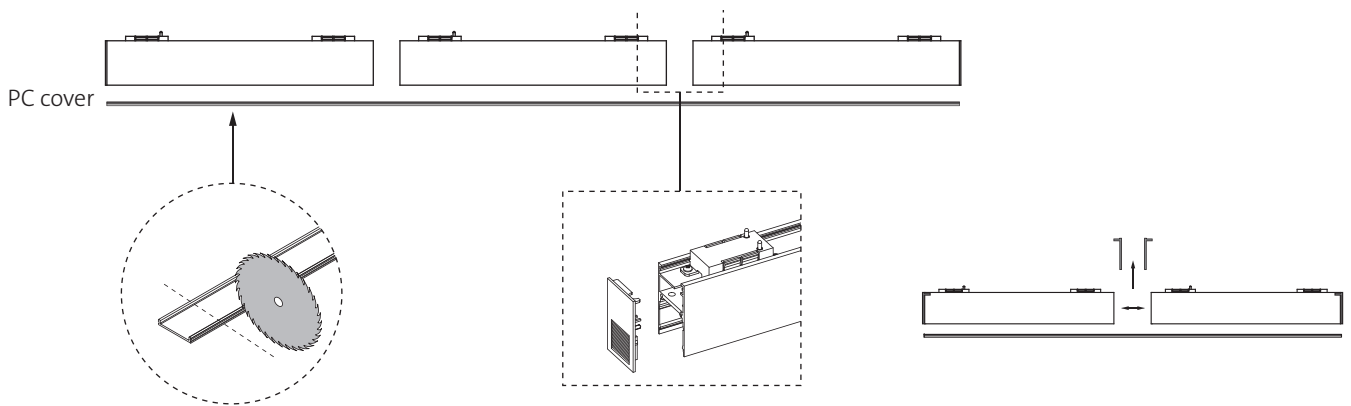
GO-K15

Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Locking Type	Article no.
33w	3000k	2475	90+	30°	24V DC	Push	GO1817.406C-30
33w	3000k	2475	90+	40°	24V DC	Push	GO1817.406C-40
33w	3000k	2475	90+	54°	24V DC	Push	GO1817.406C-54



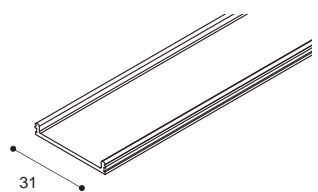


GO-P seamless installation



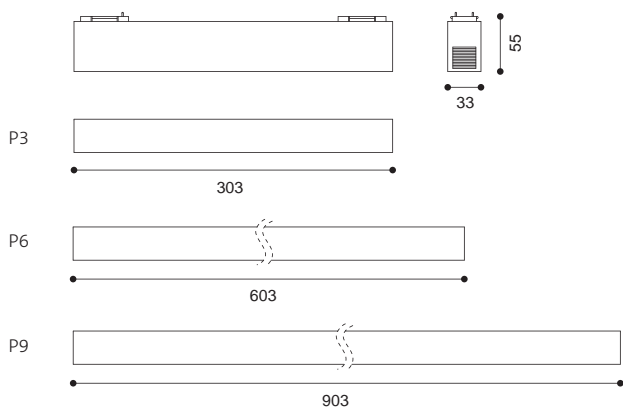
PC cover can be cut into required length

Remove the end cap from GO-P module. The modules can be installed next to each other, therefore use a longer PC cover to make a seamless appearance.

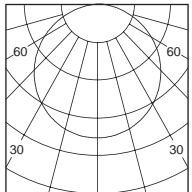


PC cover Length (mm)	Article no.
4000	GOSDE-01
15000	GOSDE-02

GO-P

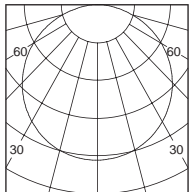


P3



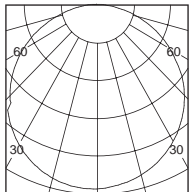
h (m)	D (m)	E (lx)
115°		
1.0	3.01	164
2.0	6.02	41
3.0	9.04	18
4.0	12.05	10
5.0	15.06	6

P6



h (m)	D (m)	E (lx)
115°		
1.0	3.03	415
2.0	6.06	103
3.0	9.09	46
4.0	12.13	25
5.0	15.16	16

P9



h (m)	D (m)	E (lx)
115°		
1.0	2.36	538
2.0	4.73	134
3.0	7.1	59
4.0	9.47	33
5.0	11.84	21

Product performance

GO-P3

Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Locking Type	Article no.
9,2w	3000k	472	80+	115°	24V DC	Twist	GO1817.410A

GO-P6

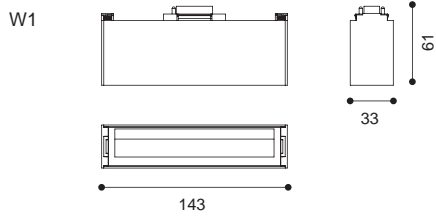
Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Locking Type	Article no.
18,4w	3000k	1197	80+	115°	24V DC	Twist	GO1817.410B

GO-P9

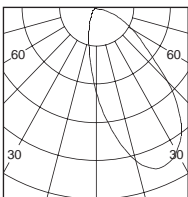
Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Locking Type	Article no.
27,5w	3000k	1428	80+	115°	24V DC	Twist	GO1817.410C



GO-W



GO1817.405A-V



h (m)	D (m)	E (lx)
64°		
1.0	0.85	377
2.0	1.71	94
3.0	2.57	41
4.0	3.42	23
5.0	4.28	15

Housing colour: White optional

Baffle colour: Black

Product performance

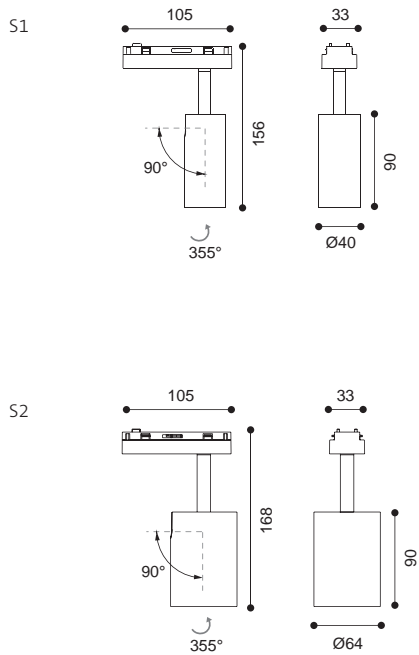
GO-W

Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Locking Type	Article no.
11w	3000k	468	90+	wallwasher	24V DC	Push	GO1817.405A

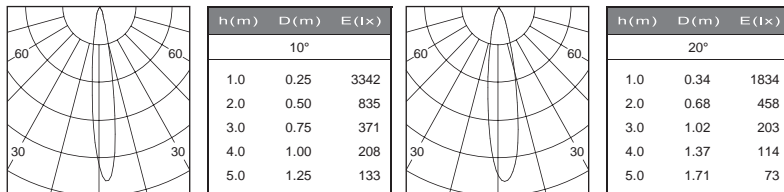




GO-S



GO1617.407



Housing colour: White optional

Baffle colour: Black GO16_4_B

Copper GO16_4_C

Product performance

GO-S1

Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Locking Type	Article no.
6,4w	3000k	366	90+	15°	24V DC	Twist	GO1617.407-15
6,4w	3000k	366	90+	25°	24V DC	Twist	GO1617.407-25

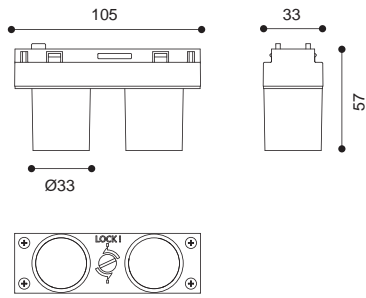
GO-S2

Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Locking Type	Article no.
12,7w	3000k	725	90+	15°	24V DC	Twist	GO1617.411-15
12,7w	3000k	725	90+	20°	24V DC	Twist	GO1617.411-20
12,7w	3000k	725	90+	35°	24V DC	Twist	GO1617.411-35

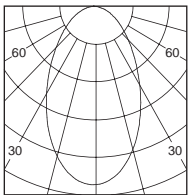




GO-GR



GO1817.401



h (m)	D (m)	E (lx)
62°		
1.0	1.19	57
2.0	2.39	14
3.0	3.59	6
4.0	4.79	3
5.0	5.99	2

Product performance

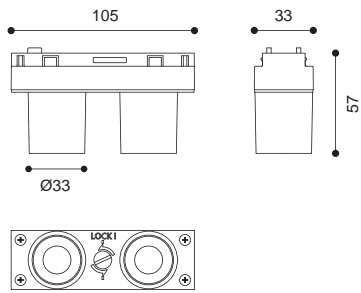
GO-GR

Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Locking Type	Article no.
5,3w	3000k	85	90+	62°	24V DC	Twist	GO1817.401

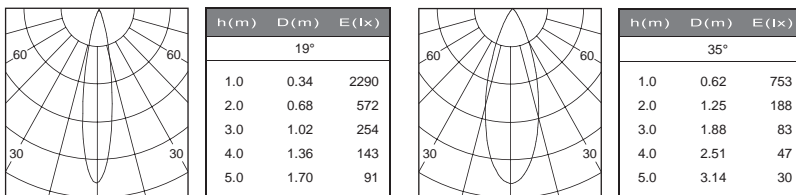




GO-GL



GO1617.409A



Housing colour: White optional

Baffle colour: Black

Product performance

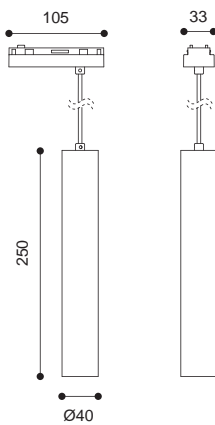
GO-GL

Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Locking Type	Article no.
5,3w	3000k	300	90+	19°	24V DC	Twist	GO1617.409A-19
5,3w	3000k	300	90+	35°	24V DC	Twist	GO1617.409A-35





GO-C




GO1617.410

h (m)	D (m)	10°		h (m)	D (m)	20°	
		E (lx)				E (lx)	
1.0	0.25	3417		1.0	0.37	1755	
2.0	0.51	854		2.0	0.74	438	
3.0	0.76	379		3.0	1.12	194	
4.0	1.02	213		4.0	1.49	109	
5.0	1.27	136		5.0	1.86	70	

Housing colour:  White optional

Baffle colour:  Black GO1617.410-_B

 Copper GO1617.410-_C

Product performance

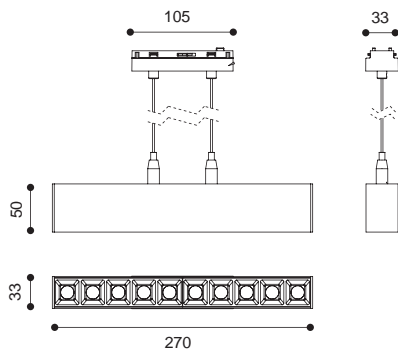
GO-C

Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Locking Type	Article no.
6,4w	3000k	433	90+	10°	24V DC	Twist	GO1617.410-10B
6,4w	3000k	433	90+	10°	24V DC	Twist	GO1617.410-10C
6,4w	3000k	371	90+	20°	24V DC	Twist	GO1617.410-20B
6,4w	3000k	371	90+	20°	24V DC	Twist	GO1617.410-20C





GO-KC



Housing colour: White optional

Baffle colour: Black

Product performance

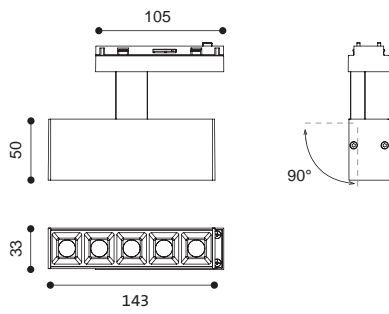
GO-KC

Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Locking Type	Article no.
22w	3000k	1650	90+	15°	24V DC	Twist	GO1817.411-15
22w	3000k	1650	90+	30°	24V DC	Twist	GO1817.411-30
22w	3000k	1650	90+	40°	24V DC	Twist	GO1817.411-40





GO-KS



Housing colour: White optional

Baffle colour: Black

Product performance

GO-KS

Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Locking Type	Article no.
11w	3000k	825	90+	15°	24V DC	Twist	GO1817.413-15
11w	3000k	825	90+	30°	24V DC	Twist	GO1817.413-30
11w	3000k	825	90+	40°	24V DC	Twist	GO1817.413-40





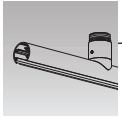


FRAME

Using a pipe connection concept, Frame creates vertical, horizontal, mesh, irregular, flexible, creative style to meet all kinds of requirement.

FRAME

FRAME TRACK



FRPOT-01 TT application track

p. 41

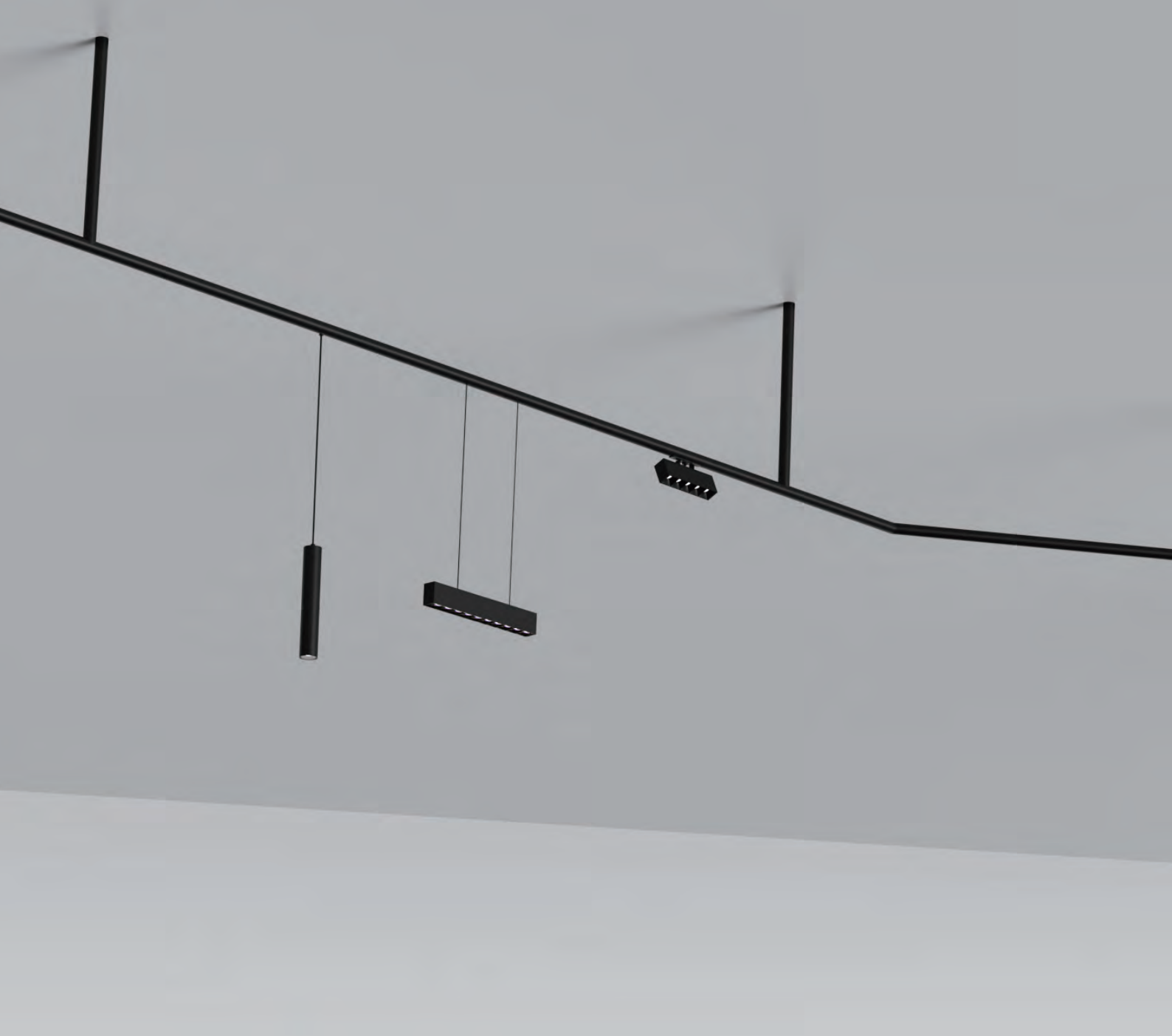


FRPOT-02 TT application track

p. 41

FRAME MODULES

	Series name	Watts	Lumen	
	Frame-L	2w 6w 12w	115 344 616	p. 50
	Frame-L-S	2w 6w 12w	128 372 737	p.51
	Frame-S	6,4w	626	p. 52
	Frame-S	2,2w	50~70	p. 52
	Frame-K	11w	825	p. 53
	Frame-C	6,4w	626	p. 54
	Frame-KC	22w	1650	p. 55



FRAME modules

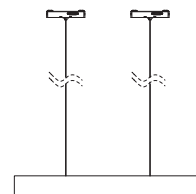
LED modules can be installed easily with a variety of styles to choose from. The pendant module can be used on desktop or countertop. The spot module can be used as focal lighting. And the linear module can be used as general lighting.

Pendants lights

FRAME-C
6.4W



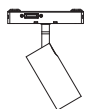
FRAME-KC
22W





Spot lights

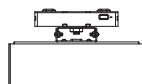
FRAME-S
6.4W



2.2W



FRAME-K
11W



Strip lights

FRAME-L 100mm 2W / 300mm 6W / 600mm 12W



Strip lights

FRAME-L-S 100mm 2W / 300mm 6W / 600mm 12W





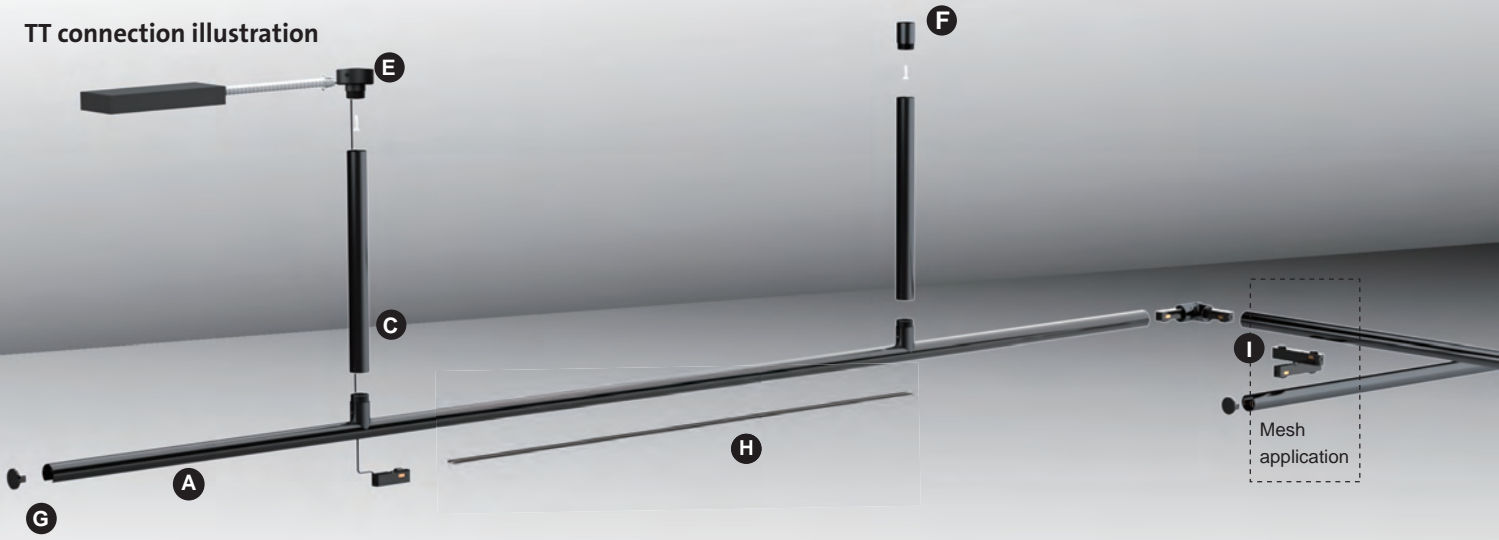
FRAME application

Suitable for open spaces, combining nordic leisure and industrial style furniture. Use different LED modules to light up individual areas for unique lighting effects. The LED modules are designed to click into the installation.

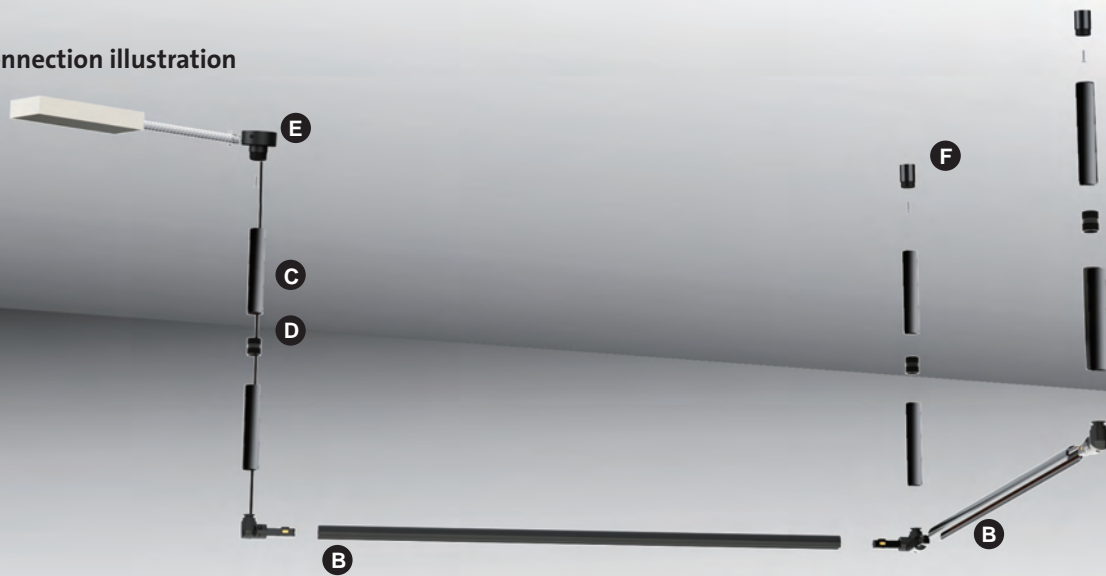


FRAME track connecting system

TT connection illustration

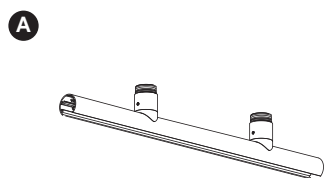


ITI connection illustration



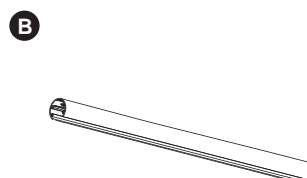
Accessoires specifications

Track



TT application track

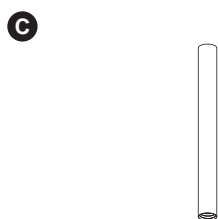
FRPOT-01A
Length: 1936mm
FRPOT-01B
Length: 936mm



ITI application track

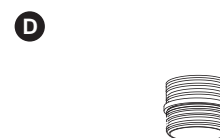
FRPOT-02A
Length: 936mm
FRPOT-02C
Length: 300mm

Fixed parts



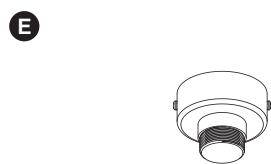
Fixed tube

FRPOI-01A
Length: 1000mm
FRPOI-01B
Length: 600mm
FRPOI-01C
Length: 300mm



Connecting tube

FRPOI-02



Fixed base with power feed

FRPOI-03



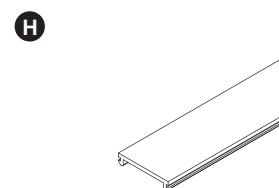
Fixed base

FRPOI-04



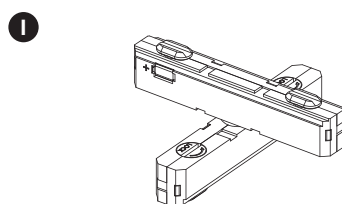
End cap

FRPOC-06



Blank cover

FRPOE-01A
Length: 2000mm



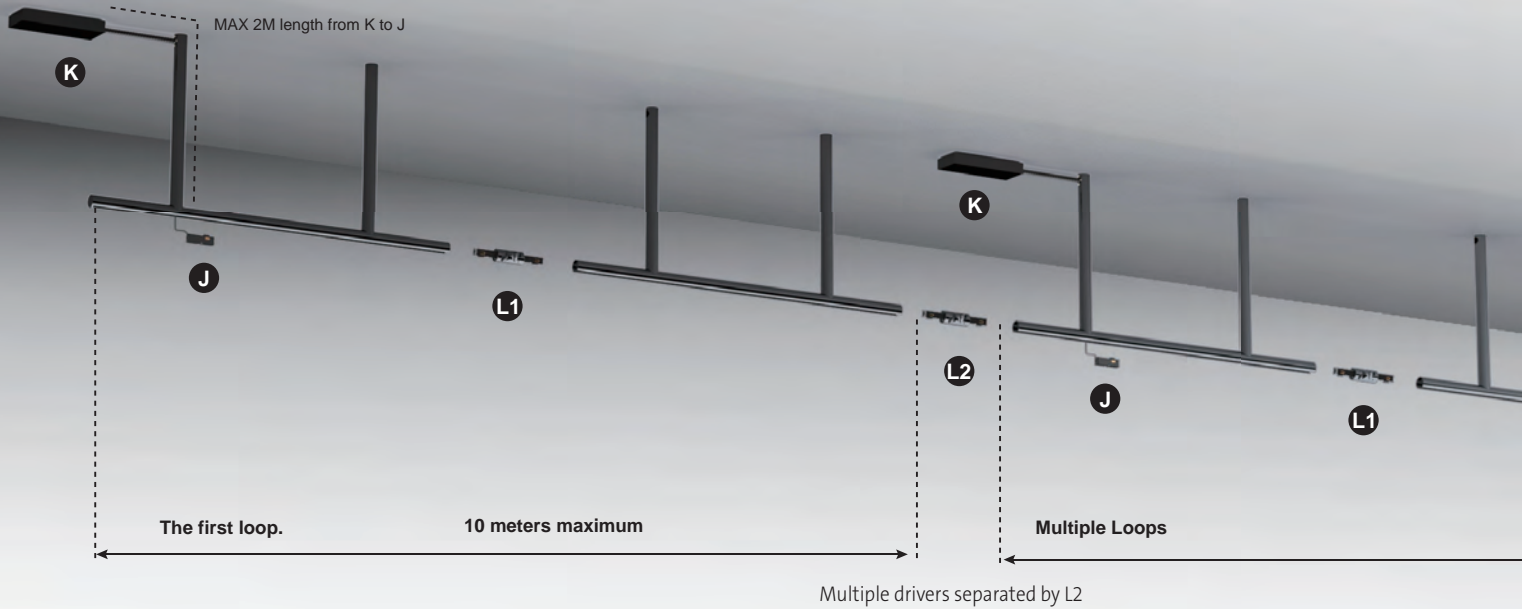
Mesh connector

FRPOC-05

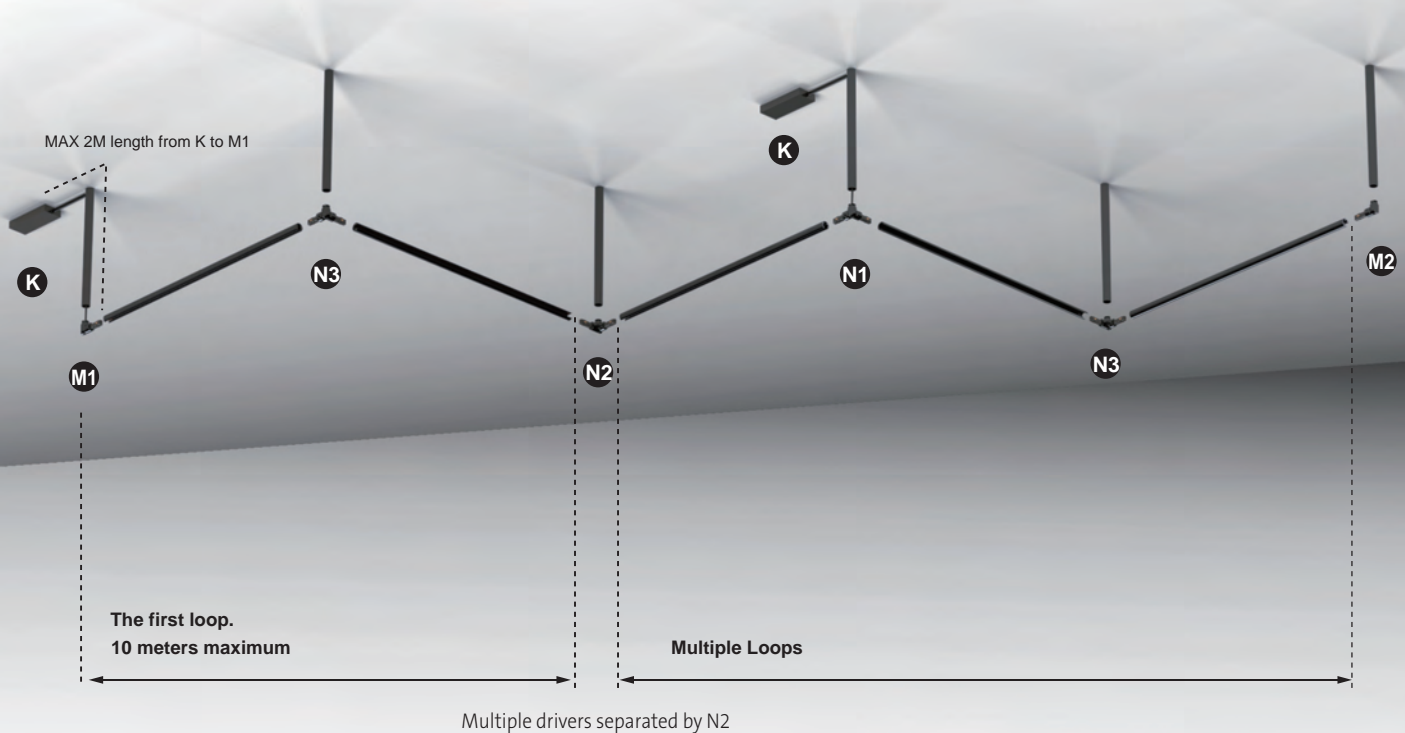
FRAME loop connecting system

1. Max wattage linkable per loop for 24VDC is 150W.
2. Max length of track linkable per loop is 10m, and the max cable length between driver and power in is 2m.
3. Dimming modules are compatible with PWM dimming drivers only.
4. Using drivers which are not on the recommended list, require a compatibility test before installation.

TT connection illustration



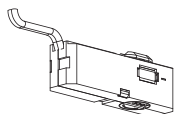
ITI connection illustration



Accessoires specifications

Power

J



Adaptor with power cord

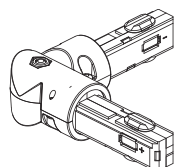
FRPOC-01A
Length: 200cm
FRPOC-01B
Length: 100cm

K

24V DC Driver

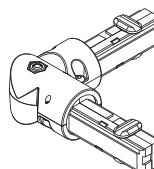
Connector

L1



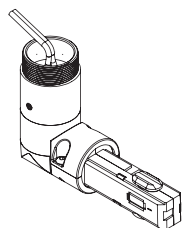
I-Connector
FRPOC-02

L2



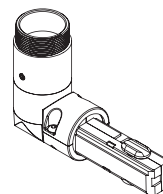
I-Connector without circuit
FRPOC-02A

M1



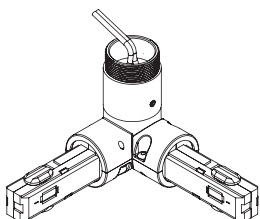
L-Connector with power cord
FRPOC-03

M2



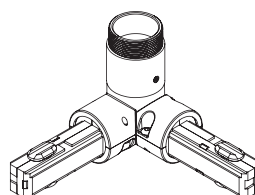
L-Connector without circuit
FRPOC-03A

N1



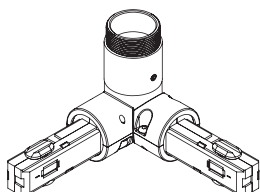
T-Connector with power cord
FRPOC-04

N2



T-Connector without circuit
FRPOC-04A

N3



T-Connector with circuit
FRPOC-04B



90° horizontal connection



Straight connection

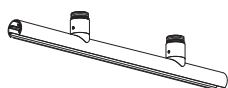


90° vertical connection

TT application

TT application is designed to use FRPOT-01 track.
Together with accessories for horizontal & vertical connections.

1936mm



A x4



E x1



J x1

1000mm



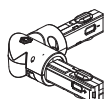
C x8



G x2



F x7



L1 x3



Rotate



Rotate



T connection



3-way connection

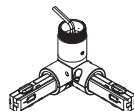
TT application

ITI application is designed to use FRPOT-02 track.
Together with accessories for 360 degrees rotation.

936mm



B x10

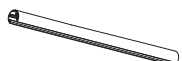


N1 x1

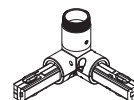


F x11

300mm



B x4



N2 x1

N3 x10

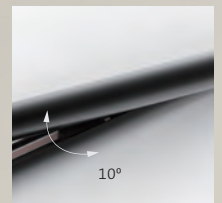


E x1

Mesh application

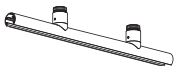


Cross connection



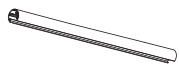
Mesh application uses both FRPOT-01 & FRPOT-02 track.
This application creates up and down lighting effects by
using the FRPOC-05 cross connector.

1936mm



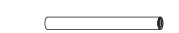
A x4

936mm



B x8

1000mm



C x12



E x1



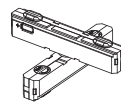
F x11



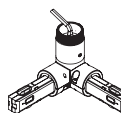
G x8



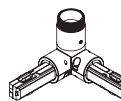
J x1



I x8



N1 x1



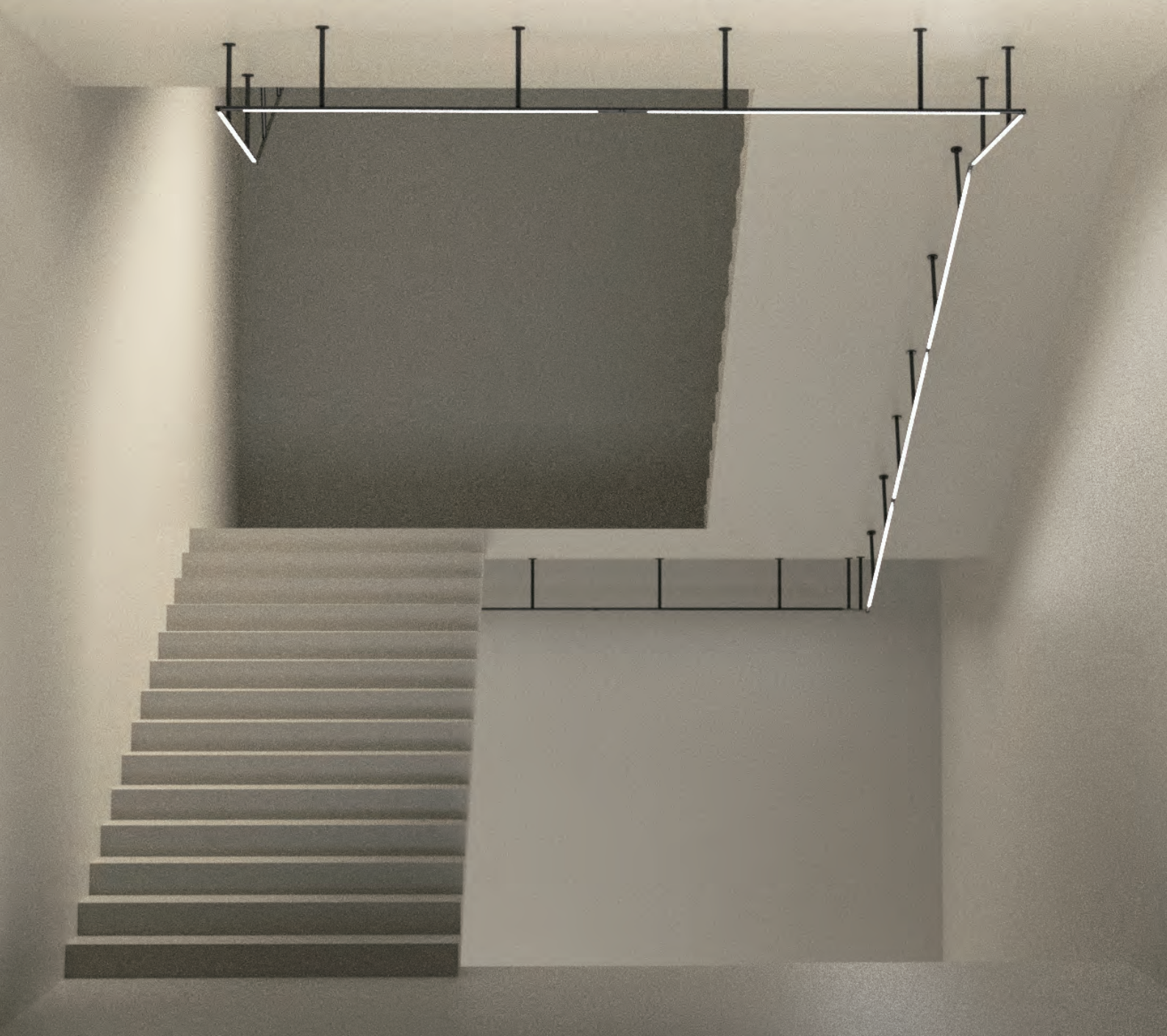
N2 x1

N3 x2



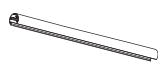
L1 x3

L2 x1



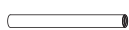
Multi-angle connection

936mm



B x ∞

1000mm



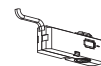
C x ∞



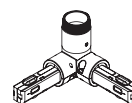
E x ∞



F x ∞



J x ∞



N x ∞



L x ∞



Pendant kit



Pendant kit + power cord

936mm

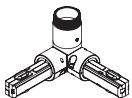


B x8

300mm

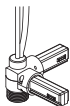


B x4

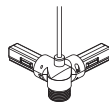


N2 x1

N3 x3



x1*



x3*

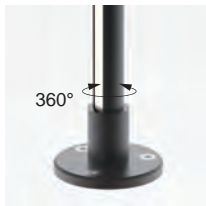
FRAME-Pendant application

Can be suspended freely on the ceiling.

The T-Connector can be used at 90 degrees or more.

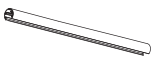
Suspension length can be adjusted to create a stylish environment.

*Special parts are required, please contact us for more info.



Rotate

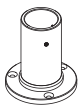
(customize)



B x5



J x5



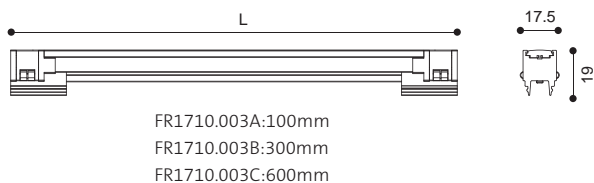
x10*

FRAME-Straight application

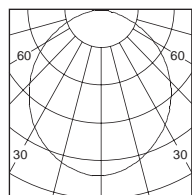
Rotatable straight application creates all kinds of lighting opportunities.

*Special parts are required, please contact us for more info.

FRAME-L

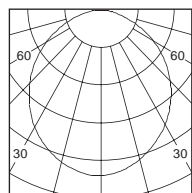


FR1710.003A



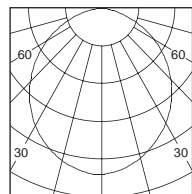
h(m)	D(m)	E(lx)
110°		
1.0	2.93	39
2.0	5.87	9
3.0	8.81	4
4.0	11.75	2
5.0	14.69	1

FR1710.003B



h(m)	D(m)	E(lx)
110°		
1.0	2.52	129
2.0	5.04	32
3.0	7.56	14
4.0	10.09	8
5.0	12.61	5

FR1710.003C



h(m)	D(m)	E(lx)
110°		
1.0	2.88	223
2.0	5.76	55
3.0	8.64	24
4.0	11.52	14
5.0	14.40	8



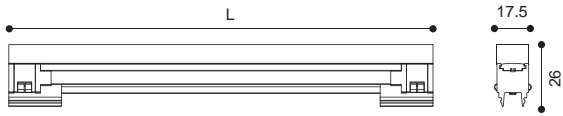
Product performance

FRAME-L

Watts	Colour	Lumen	CRI	Beam Angle	Voltage	LED q'ty	Article no.
2w	3000k	115	80+	110°	24V DC	15	FR1710.003A
6w	3000k	344	80+	110°	24V DC	60	FR1710.003B
12w	3000k	616	80+	110°	24V DC	120	FR1710.003C



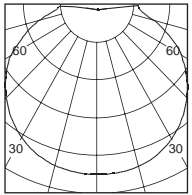
FRAME-L-S



FR1710.004A:100mm
 FR1710.004B:300mm
 FR1710.004C:600mm

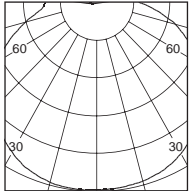


FR1710.004A



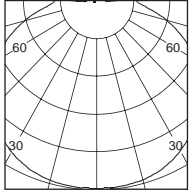
h (m)	D (m)	E (lx)
120°		
1.0	3.24	31
2.0	6.48	7
3.0	9.72	3
4.0	12.96	1
5.0	16.20	1

FR1710.004B



h (m)	D (m)	E (lx)
120°		
1.0	3.03	99
2.0	6.07	24
3.0	9.11	11
4.0	12.15	6
5.0	15.19	3

FR1710.004C



h (m)	D (m)	E (lx)
120°		
1.0	3.01	198
2.0	6.02	49
3.0	9.03	22
4.0	12.05	12
5.0	15.06	7



Product performance

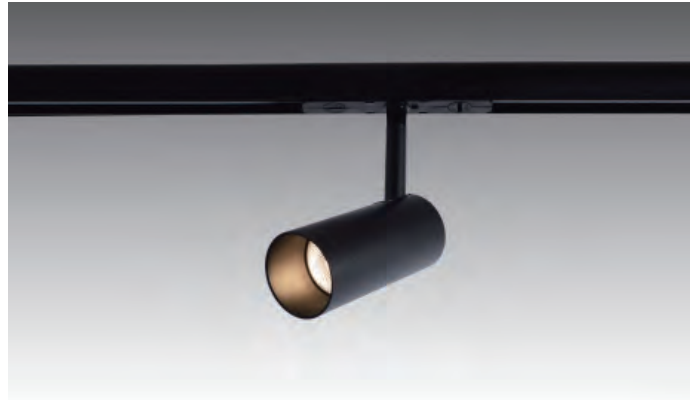
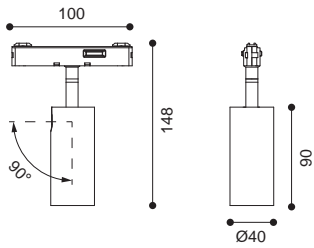
FRAME-L-S

Watts	Colour	Lumen	CCT/CRI	Beam Angle	Voltage	LED q'ty	Article no.
2w	3000k	128	80+	120°	24V DC	15	FR1710.004A
6w	3000k	372	80+	120°	24V DC	60	FR1710.004B
12w	3000k	737	80+	120°	24V DC	120	FR1710.004C

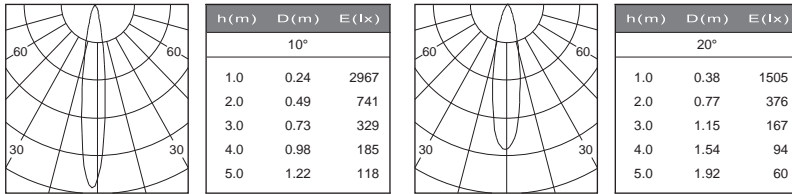


FRAME-S

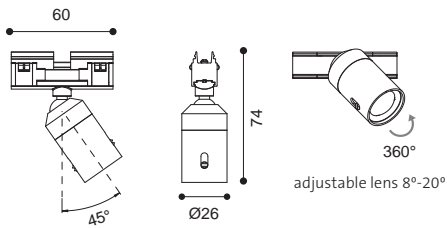
FR1719.204



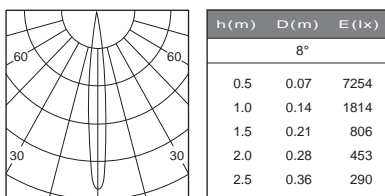
FR1719.204



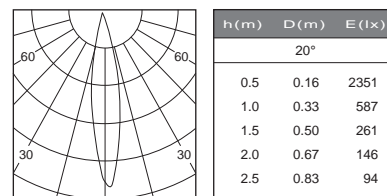
FR1719.203



Zoom in 8°




Zoom out 20°



Housing colour:  White optional

Baffle colour:  Black FR1719.204-_B

 Copper FR1719.204-_C

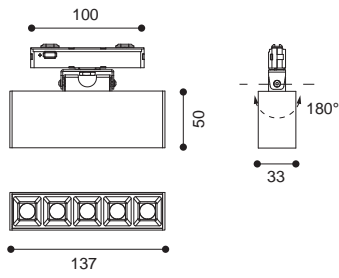
Product performance

FRAME-S

Watts	Colour	Lumen	CCRI	Beam Angle	Voltage	Article no.
6,4w	3000k	626	90+	10°	24V DC	FR1719.204-10
6,4w	3000k	626	90+	20°	24V DC	FR1719.204-20
2,2w	3000k	50~70	80+	8°/20°	24V DC	FR1719.203



FRAME-K



Housing colour: White optional

Baffle colour: Black

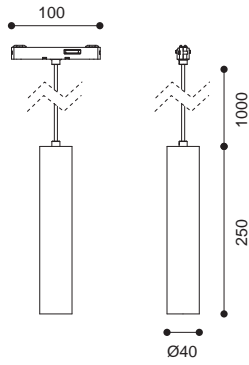
Product performance

FRAME-K

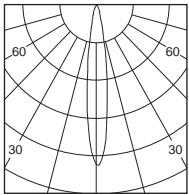
Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Article no.
11w	3000k	825	90+	15°	24V DC	FR1719.219-15
11w	3000k	825	90+	30°	24V DC	FR1719.219-30
11w	3000k	825	90+	45°	24V DC	FR1719.219-45



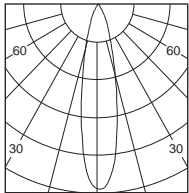
FRAME-C



FR1716.100



h (m)	D (m)	E (lx)
10°		
1.0	0.25	2984
2.0	0.50	746
3.0	0.75	331
4.0	1.00	186
5.0	1.25	119



h (m)	D (m)	E (lx)
20°		
1.0	0.38	1476
2.0	0.77	369
3.0	1.16	164
4.0	1.55	92
5.0	1.94	59

Housing colour:  White optional

Baffle colour:  Black FR1716.100-_B

 Copper FR1716.100-_C

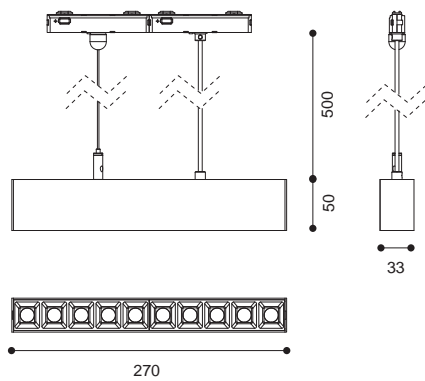
Product performance

FRAME-C

Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Article no.
6,4w	3000k	626	90+	10°	24V DC	FR1716.100-10
6,4w	3000k	626	90+	20°	24V DC	FR1716.100-20



FRAME-KC



Housing colour: White optional

Baffle colour: Black

Product performance

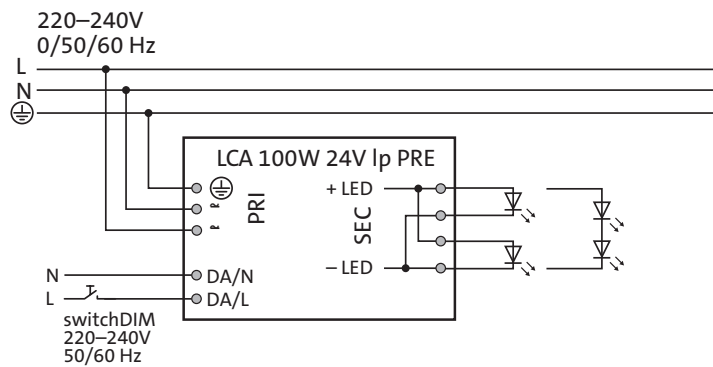
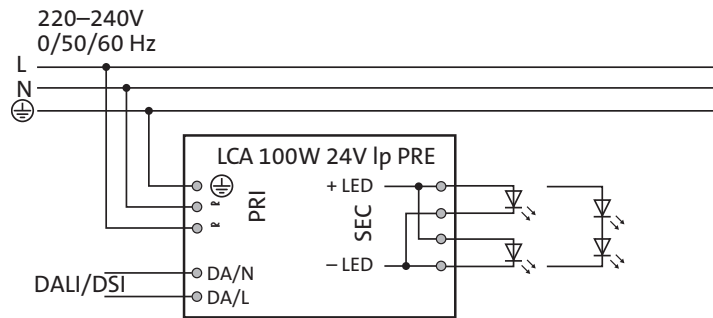
FRAME-KC

Watts	Colour	Lumen	CRI	Beam Angle	Voltage	Article no.
22w	3000k	1650	90+	15°	24V DC	FR1716.103-15
22w	3000k	1650	90+	30°	24V DC	FR1716.103-30
22w	3000k	1650	90+	45°	24V DC	FR1716.103-45



DRIVERS (GO/FRAME)

60853-100	LED driver	24VDC on/off	100w
60853-200	LED driver	24VDC on/off (max 150w per line)	200w
60853-96-TR	LED driver	24VDC Triac dimmable	75w
60853-100-DA	LED driver	24VDC DALI, SwitchDim	100w
60853-150-DA	LED driver	24VDC DALI, SwitchDim	150w
60853-100-CA	LED driver	24VDC Casambi	100w
60853-100-CA	LED driver	24VDC Casambi	150w





RAFTER

Connectable slim pendant
luminaire with compact
Tube 130 accent spot lights.

RAFTER



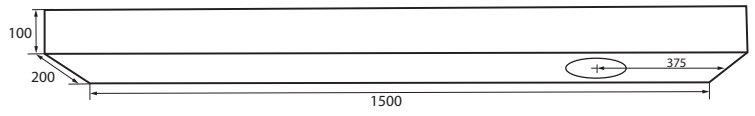
RAFTER
057-063

059
1L

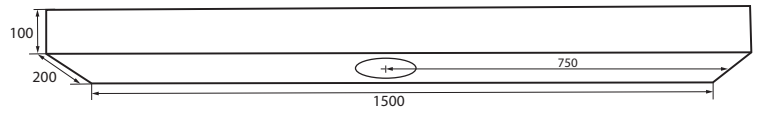
059
1M

059
2

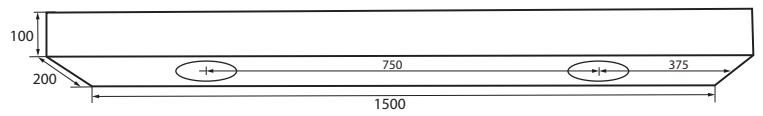
RAFTER-1L



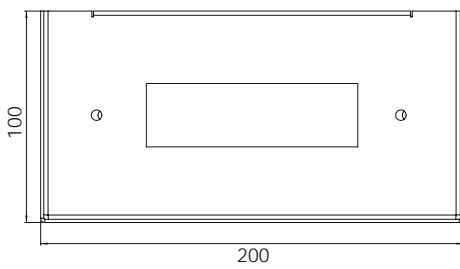
RAFTER-1M



RAFTER-2



Side view connecting part







The Rafter is a connectable slim pendant luminaire with compact Tube 130 accent spot lights. Housing is made of black (RAL 9005) painted sheet metal (optionally white RAL 9003). The integrated round tiltable LED spot lights have an extractable luminaire head for maximum flexibility. Rotates through 350° and pivots through 90°. Faceted glossy 99,98% aluminium reflector with clear tempered glass diffuser. Low glare (UGR<17). In combination with the optional honey comb diffuser (UGR<14). Very suitable in hotels, bars and restaurants. Maintenance free and high life expectancy (50.000 hours L80B10). Colour stability, Mac Adam <3 (3000K). Five years warranty.

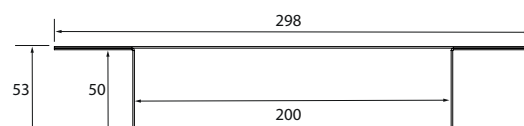
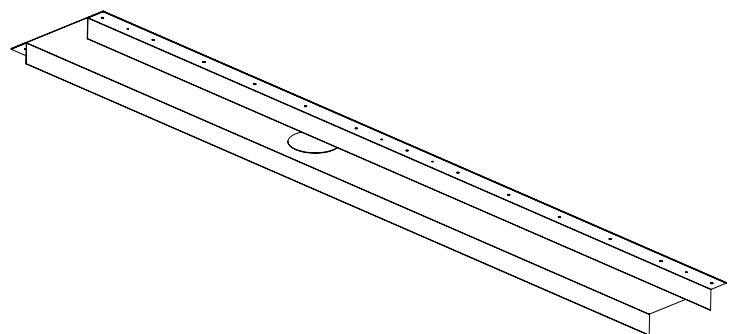
Suspended

Number of spots	Through hole	Type	Article no.
1	1	1L	20045.1L-BEGIN
1	1	1M	20045.1M-BEGIN
2	1	2	20045.2-BEGIN
1	2	1L	20045.1L-MID
1	2	1M	20045.1M-MID
2	2	2	20045.2-MID
1	0	1L	20045.1L-SINGL
1	0	1M	20045.1M-SINGL
2	0	2	20045.2-SINGL



Recessed

Number of spots	Through hole	Type	Article no.
1	1	1L	20245.1L-BEGIN
1	1	1M	20245.1M-BEGIN
2	1	2	20245.2-BEGIN
1	2	1L	20245.1L-MID
1	2	1M	20245.1M-MID
2	2	2	20245.2-MID
1	0	1L	20245.1L-SINGL
1	0	1M	20245.1M-SINGL
2	0	2	20245.2-SINGL





Tube 130 B



Round tiltable LED spot light with extractable luminaire head for maximum flexibility. Rotates through 350° and pivots through 90°. Faceted glossy 99,98% aluminium reflector with clear tempered glass diffuser. Low glare (UGR<17). In combination with the optional honey comb diffuser (UGR<14) very suitable in hotels, bars and restaurants. Standard available in RAL 9005 (black). Delivered including external driver. Direct connection to 220-240VAC. Low maintenance and high life expectancy (50.000 hours L80B10). Colour stability, Mac Adam <3. Fast and easy mounting with springs. Five years warranty.

Watts	Colour	Lumen*	CRI	Degree	Weight (kg)	Emergency (h)	Article no.	1-10V	Dali
9w	2700k	925	>80	20°	1,6	1/3	20045B.0920.270	20045B.0920.271	20045B.0920.272
13w	2700k	1225	>80	20°	1,6	1/3	20045B.1320.270	20045B.1320.271	20045B.1320.272
19w	2700k	1730	>80	20°	1,6	1/3	20045B.1920.270	20045B.1920.271	20045B.1920.272
28w	2700k	2240	>80	20°	1,6	1/3	20045B.2820.270	20045B.2820.271	20045B.2820.272
9w	2700k	895	>80	40°	1,6	1/3	20045B.0940.270	20045B.0940.271	20045B.0940.272
13w	2700k	1225	>80	40°	1,6	1/3	20045B.1340.270	20045B.1340.271	20045B.1340.272
19w	2700k	1680	>80	40°	1,6	1/3	20045B.1940.270	20045B.1940.271	20045B.1940.272
28w	2700k	2170	>80	40°	1,6	1/3	20045B.2840.270	20045B.2840.271	20045B.2840.272
9w	3000k	975	>80	20°	1,6	1/3	20045B.0920.30	20045B.0920.31	20045B.0920.32
13w	3000k	1300	>80	20°	1,6	1/3	20045B.1320.30	20045B.1320.31	20045B.1320.32
19w	3000k	1800	>80	20°	1,6	1/3	20045B.1920.30	20045B.1920.31	20045B.1920.32
28w	3000k	2340	>80	20°	1,6	1/3	20045B.2820.30	20045B.2820.31	20045B.2820.32
9w	3000k	980	>80	40°	1,6	1/3	20045B.0940.30	20045B.0940.31	20045B.0940.32
13w	3000k	1365	>80	40°	1,6	1/3	20045B.1340.30	20045B.1340.31	20045B.1340.32
19w	3000k	1890	>80	40°	1,6	1/3	20045B.1940.30	20045B.1940.31	20045B.1940.32
28w	3000k	2520	>80	40°	1,6	1/3	20045B.2840.30	20045B.2840.31	20045B.28240.32

* Luminaire luminous flux, tolerance of +/- 10%

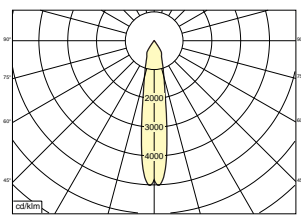
Options:

- 1,5m cable with Schuko 3-pin plug
- 0,5 meter cable + GST18i3 connector (non - dimmable)
- 0,5 meter cable + GST18i3 and BST14i2 connector (dim)
- 0,5 meter cable + GST18i5 Blue connector male (dim)
- 2700k, 3500k, 5000k or higher CRI values 90/97
- Meat, bread or Crisp White

Accessories:

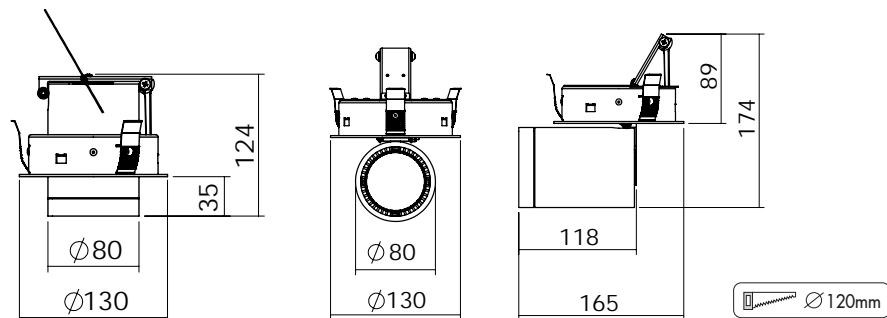
Honey Comb

The best low glare diffuser (UGR 15)
20045.HONEY



20045B.1320.270

13w 2700k 20° 1225lm
ηLB 70%





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