FLT Track System

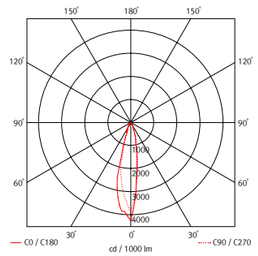
Magnetic Low voltage Track System

High Quality, Low Voltage Slim-Profile Magnetic Track System

- Magnetic system for easy installation and adjustment
- Safe Low Voltage 24V DC
- Surface, Recessed and Pendant mount track available
- Double Joint Spot and Double-sided track available(up and down)
- Black and White Finishes
- Various light fixtures and beam angle

FLT Track System - Spot

Photometric data

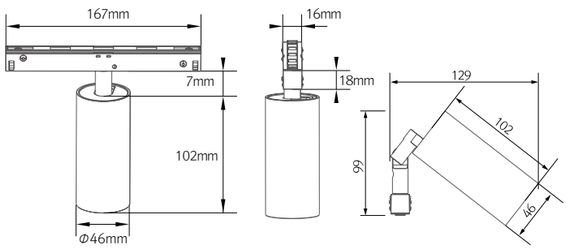


Specification

Model Name	Power Input	Lamp Power	Lumens (3000K)	Efficiency (3000K)	Color Rendering	Available color	Beam Angle	Operating Temperature
FLT-SS06 30K-24V	DC 24V	6.3 W	438.1 lm	69.7 lm/W	Ra〉90	2,700K/3,000K/3,500K/4,000K	15°/24°/ 36°	0 ~ 45℃

* FLT-SS06 Double Joint available

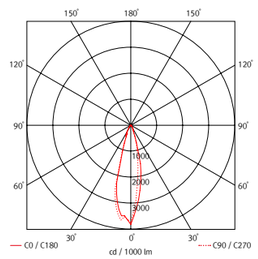
Dimension



Model Name	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
FLT-SS06 30K-24V	46	167	7	102	16	18

Beam angle	Black	White
15°	FLT-SS06 30K-24V-BK-15	FLT-SS06 30K-24V-WT-15
24°	FLT-SS06 30K-24V-BK-24	FLT-SS06 30K-24V-WT-24
36°	FLT-SS06 30K-24V-BK-36	FLT-SS06 30K-24V-WT-36

Photometric data

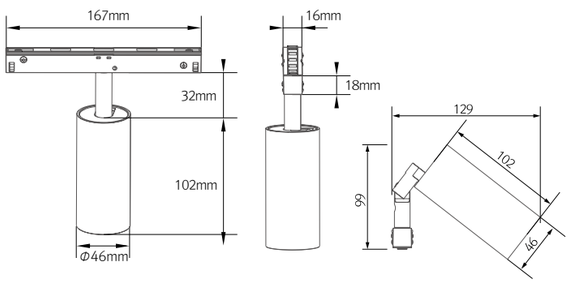


Specification

Model Name	Power Input	Lamp Power	Lumens (3000K)	Efficiency (3000K)	Color Rendering	Available color	Beam Angle	Operating Temperature
FLT-SS09 35K-24V	DC 24V	8.9 W	783 lm	88.5 lm/W	Ra〉90	2,700K/3,000K/3,500K/4,000K	15°/24°/ 36°	0 ~ 45℃

* FLT-SS09 Double Joint available

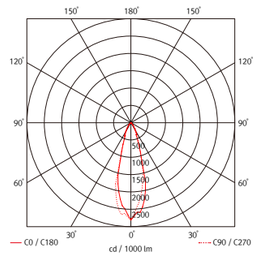
Dimension



Model Name	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
FLT-SS09 35K-24V	46	167	32	102	16	18

Beam angle	Black	White
15°	FLT-SS09 35K-24V-BK-15	FLT-SS09 35K-24V-WT-15
24°	FLT-SS09 35K-24V-BK-24	FLT-SS09 35K-24V-WT-24
36°	FLT-SS09 35K-24V-BK-36	FLT-SS09 35K-24V-WT-36

Photometric data

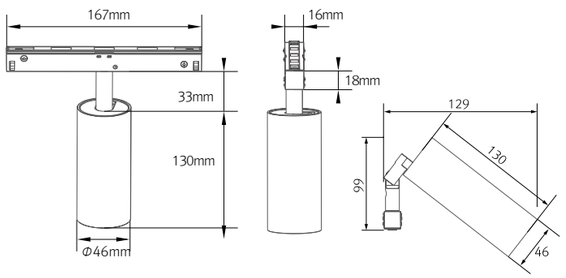


Specification

Model Name	Power Input	Lamp Power	Lumens (3000K)	Efficiency (3000K)	Color Rendering	Available color	Beam Angle	Operating Temperature
FLT-SS15 30K-24V	DC 24V	14.75 W	1068.8 lm	72.41 lm/W	Ra〉90	2,700K/3,000K/3,500K/4,000K	15°/24°/ 36°	0 ~ 45℃

* FLT-SS15 Double Joint available

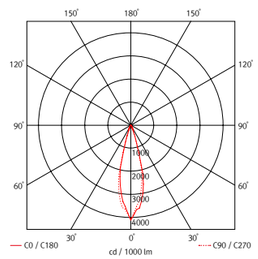
Dimension



Model Name	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
FLT-SS15 30K-24V	46	167	33	130	16	18

Beam angle	Black	White
15°	FLT-SS15 30K-24V-BK-15	FLT-SS15 30K-24V-WT-15
24°	FLT-SS15 30K-24V-BK-24	FLT-SS15 30K-24V-WT-24
36°	FLT-SS15 30K-24V-BK-36	FLT-SS15 30K-24V-WT-36

Photometric data

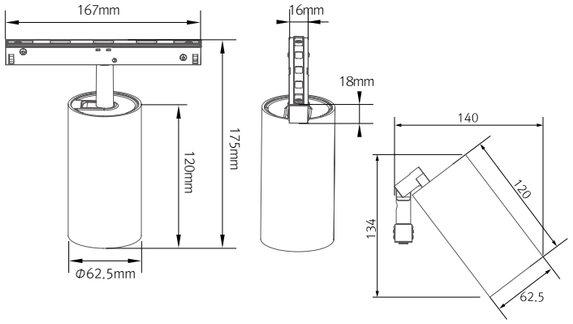


Specification

Model Name	Power Input	Lamp Power	Lumens (3000K)	Efficiency (3000K)	Color Rendering	Available color	Beam Angle	Operating Temperature
FLT-SS20 30K-24V	DC 24V	19 W	1,368 lm	74.9 lm/W	Ra〉90	2,700K/3,000K/3,500K/4,000K	15°/24°/ 36°	0 ~ 45℃

* FLT-SS20 Double Joint available

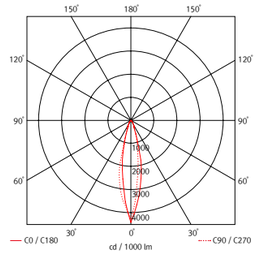
Dimension



Model Name	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
FLT-SS20 30K-24V	62.5	167	120	154	16	18

Beam angle	Black	White
15°	FLT-SS20 30K-24V-BK-15	FLT-SS20 30K-24V-WT-15
24°	FLT-SS20 30K-24V-BK-24	FLT-SS20 30K-24V-WT-24
36°	FLT-SS20 30K-24V-BK-36	FLT-SS20 30K-24V-WT-36

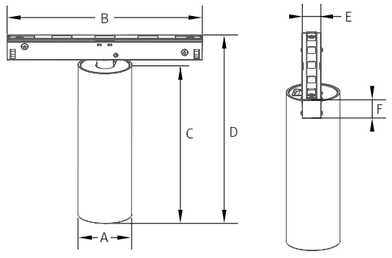
Photometric data



Specification

Model Name	Power Input	Lamp Power	Lumens (3000K)	Efficiency (3000K)	Color Rendering	Available color	Beam Angle	Operating Temperature
FLT-SL06 30K-24V	DC 24V	6.3 W	435 lm	68.9 lm/W	Ra〉90	2,700K/3,000K/3,500K/4,000K	15°/24°/ 36°	0 ~ 45℃

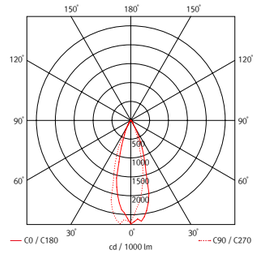
Dimension



Model Name	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
FLT-SL06 30K-24V	46	167	200	226	16	18

Beam angle	Black	White
15°	FLT-SL06 30K-24V-BK-15	FLT-SL06 30K-24V-WT-15
24°	FLT-SL06 30K-24V-BK-24	FLT-SL06 30K-24V-WT-24
36°	FLT-SL06 30K-24V-BK-36	FLT-SL06 30K-24V-WT-36

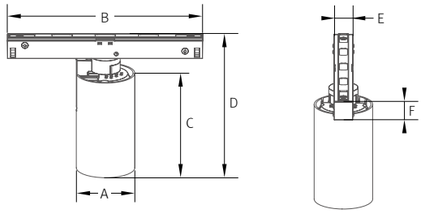
Photometric data



Specification

Model Name	Power Input	Lamp Power	Lumens (3000K)	Efficiency (3000K)	Color Rendering	Available color	Beam Angle	Operating Temperature
FLT-SM12 30K-24V	DC 24V	12 W	1025 lm	85.4 lm/W	Ra〉90	2,700K/3,000K/3,500K/4,000K	15°/24°/ 36°	0 ~ 45℃

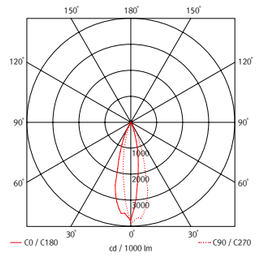
Dimension



Model Name	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
FLT-SM12 40K-24V	50	167	86	120	16	18

Beam angle	Black	White
15°	FLT-SM12 30K-24V-BK-15	FLT-SM12 30K-24V-WT-15
24°	FLT-SM12 30K-24V-BK-24	FLT-SM12 30K-24V-WT-24
36°	FLT-SM12 30K-24V-BK-36	FLT-SM12 30K-24V-WT-36

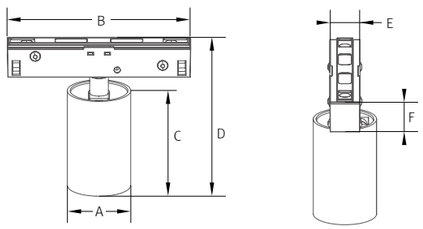
Photometric data



Specification

Model Name	Power Input	Lamp Power	Lumens (3000K)	Efficiency (3000K)	Color Rendering	Available color	Beam Angle	Operating Temperature
FLT-SM02 30K-24V	DC 24V	1.7 W	98 lm	58.6 lm/W	Ra〉90	2,700K/3,000K/3,500K/4,000K	15°/24°/ 36°	0 ~ 45℃

Dimension

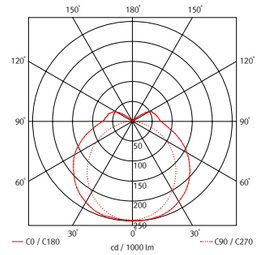


Model Name	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
FLT-SM02 30K-24V	34	98	56.5	85	16	16

Beam angle	Black	White
15°	FLT-SM02 30K-24V-BK-15	FLT-SM02 30K-24V-WT-15
24°	FLT-SM02 30K-24V-BK-24	FLT-SM02 30K-24V-WT-24
36°	FLT-SM02 30K-24V-BK-36	FLT-SM02 30K-24V-WT-36

FLT Track System - Stix

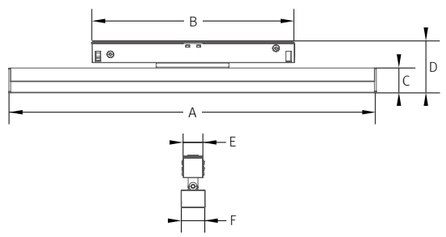
Photometric data



Specification

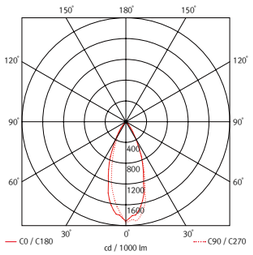
Model Name	Power Input	Lamp Power	Lumens (3000K)	Efficiency (3000K)	Color Rendering	Available color	Operating Temperature
FLT-LM30 30K-24V	DC 24V	10.3 W	787.5 lm	76.5 lm/W	Ra〉90	2,700K/3,000K/3,500K/4,000K	0 ~ 45℃

Dimension



Model Name	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
FLT-LM30 30K-24V	303	167	20.5	43	16	20.5

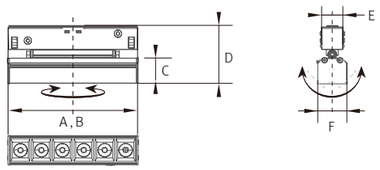
Photometric data



Specification

Model Name	Power Input	Lamp Power	Lumens (3000K)	Efficiency (3000K)	Color Rendering	Available color	Beam Angle	Weight of Luminaire	Operating Temperature
FLT-LS10 (Color)-24V-L	DC 24V	4 W	329 lm	84.2 lm/W	Ra〉90	2,700K 3,000K 3,500K 4,000K	21° 40° 50°	0.24 lb	32-113℉

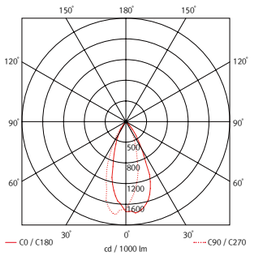
Dimension



Model Name	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
FLT-LS15 30K-24V	98.6	98.6	19.1	43.8	16.2	21.8

Beam angle	Black	White
21° 40° 50°	FLT-LS10 30K-24V-BK-24	FLT-LS10 30K-24V-WT-24
	FLT-LS10 30K-24V-BK-36	FLT-LS10 30K-24V-WT-36

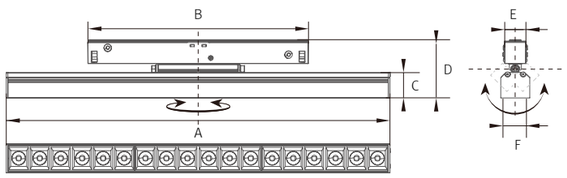
Photometric data



Specification

Model Name	Power Input	Lamp Power	Lumens (3000K)	Efficiency (3000K)	Color Rendering	Available color	Beam Angle	Weight of Luminaire	Operating Temperature
FLT-LS30 (Color)-24V-L	DC 24V	11.5 W	1,049 lm	80 lm/W	Ra〉90	2,700K 3,000K 3,500K 4,000K	21° 40° 50°	0.4 lb	32-113℉

Dimension

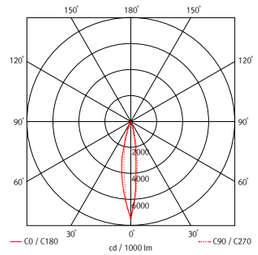


Model Name	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
FLT-LS30 30K-24V	303	167	20.5	43	16	20.5

Beam angle	Black	White
21° 40° 50°	FLT-LS30 30K-24V-BK-24	FLT-LS30 30K-24V-WT-24
	FLT-LS30 30K-24V-BK-36	FLT-LS30 30K-24V-WT-36

FLT Track System - Pendant

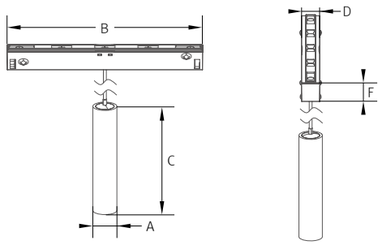
Photometric data



Specification

Model Name	Power Input	Lamp Power	Lumens (3000K)	Efficiency (3000K)	Color Rendering	Available color	Beam Angle	Operating Temperature
FLT-SP20 30K-24V	DC 24V	1.7 W	89 lm	53.2 lm/W	Ra〉90	2,700K/3,000K/3,500K/4,000K	15°/24°/36°	0~45℃

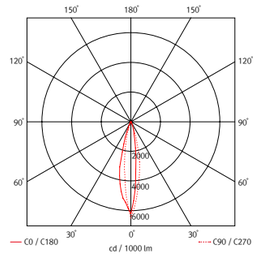
Dimension



Model Name	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
FLT-SP20 30K-24V	20.5	167	200	16	18

Beam angle	Black	White
15°	FLT-SP20 30K-24V-BK-15	FLT-SP20 30K-24V-WT-15
24°	FLT-SP20 30K-24V-BK-24	FLT-SP20 30K-24V-WT-24
36°	FLT-SP20 30K-24V-BK-36	FLT-SP20 30K-24V-WT-36

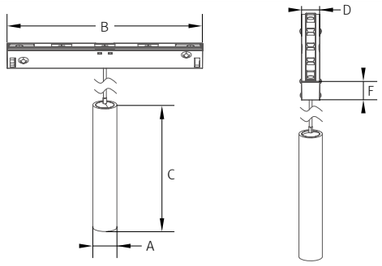
Photometric data



Specification

Model Name	Power Input	Lamp Power	Lumens (3000K)	Efficiency (3000K)	Color Rendering	Available color	Beam Angle	Operating Temperature
FLT-SP30 30K-24V	DC 24V	2.8 W	81 lm	28.7 lm/W	Ra〉90	2,700K/3,000K/3,500K/4,000K	15°/24°/36°	0~45℃

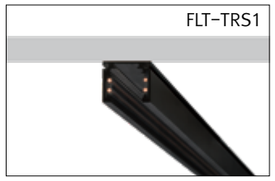
Dimension

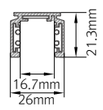


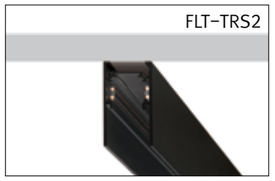
Model Name	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
FLT-SP30 30K-24V	20.5	167	300	16	18

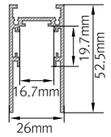
Beam angle	Black	White
15°	FLT-SP30 30K-24V-BK-15	FLT-SP30 30K-24V-WT-15
24°	FLT-SP30 30K-24V-BK-24	FLT-SP30 30K-24V-WT-24
36°	FLT-SP30 30K-24V-BK-36	FLT-SP30 30K-24V-WT-36

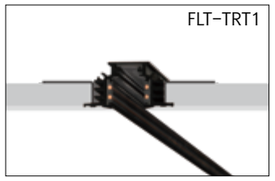
FLT Track

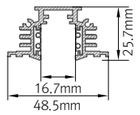


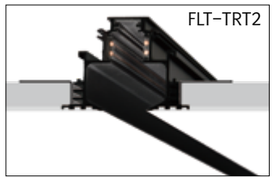


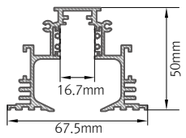


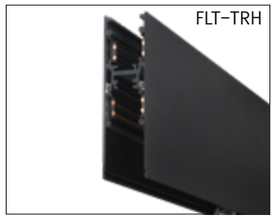


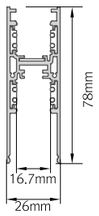








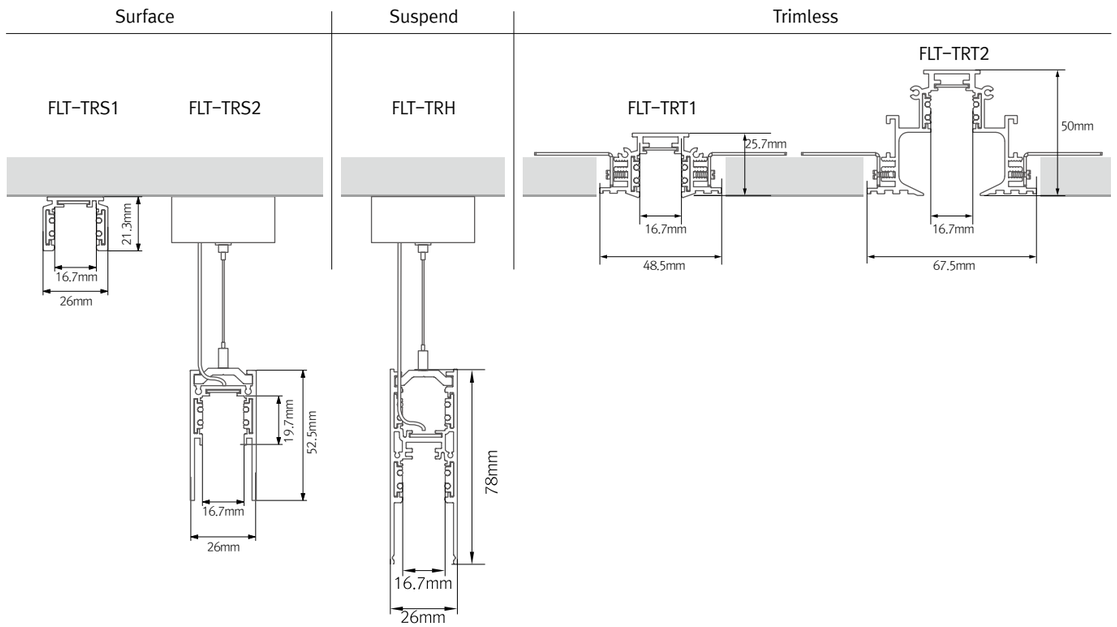


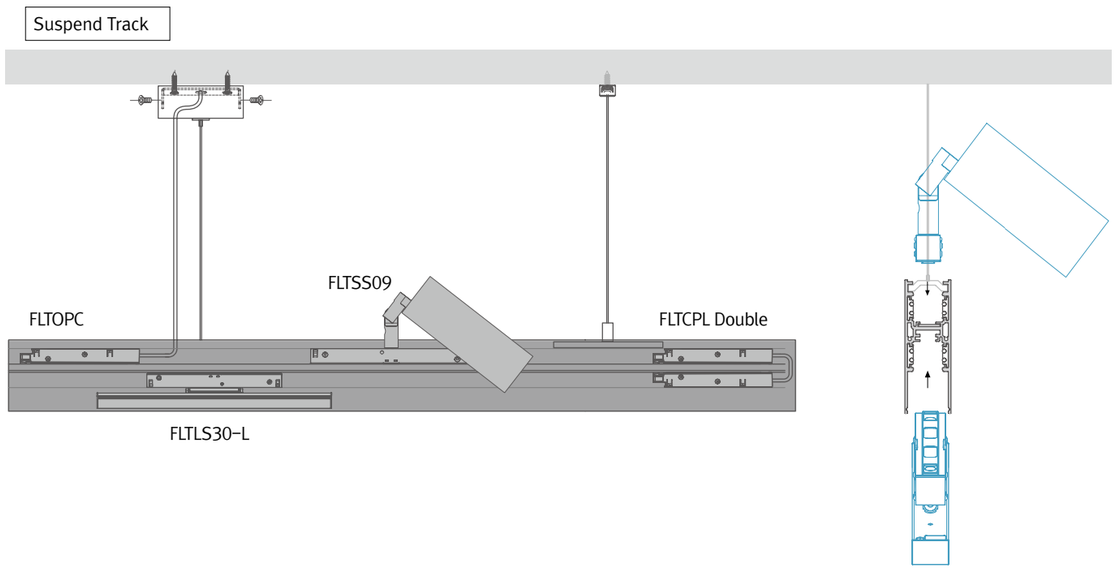


Compatible Luminaires					
Luminaire	FLT-TRS1	FLT-TRS2	FLT-TRT1	FLT-TRT2	FLT-TRH
FLT-SS06	○	○	○	○	○
FLT-SS06-Double joint	○	○	○	○	○
FLT-SS09 *	○	○	○	○	○
FLT-SS09-Double joint	○	○	○	○	○
FLT-SS15	○	○	○	○	○
FLT-SS15-Double joint	○	○	○	○	○
FLT-SS20	○	○	○	○	○
FLT-SS20-Double joint	○	○	○	○	○
FLT-SL06	○	○	○	○	○
FLT-SM02	○		○		
FLT-SM12	○		○		
FLT-LS15 *	○	○	○	○	○
FLT-LS30 *	○	○	○	○	○
FLT-LM30 *	○	○	○	○	○
FLT-SP20	○	○	○	○	○
FLT-SP30	○	○	○	○	○

*Installation into the FLT-TRS2 track or the FLT-TRT2 track disables the ability to tilt and rotate the luminaire.

Installation





Accessories

ⓐ FLTOPC
Power Connector for FLT

ⓑ FLTCPL
Direct Connector for FLT Track

ⓒ FLTCPL-NC
Direct Connector (Non-conductive)

ⓓ FLTCPL-90
90° Connector

ⓔ FLTCPL-90-NC
90° Connector (Non-conductive)

ⓕ FLTPTC-FLEX
Flexible Connector

ⓖ Coloured Filters

ⓗ Honeycomb

ⓘ Anti-Glare Hood

ⓙ LED Driver with 12way distributor, with power cord (1,800mm)

Part No	FLC30-24V/T	FLC75-24V-P/T
Capacity	30W 24V	75W 24V

ⓚ LED Driver : FLC200-24V/T (200W DC24V)
LED Driver With 12way distributor

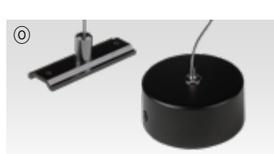
ⓛ Dimming Interface (1-10V) : FDC-L10
Max. 100W (100W/CH, 1CH)

ⓜ Dimming Interface (0-10/1-10, DMX512)
FDA-L2M0 : Max. 200W (100W/CH, 2CH)
FDA-L5M : Max. 200W (50W/CH, 5CH)

ⓝ Dimming Interface (Dali) : FDD-L1DA
Max. 200W (100W/CH, 1CH)

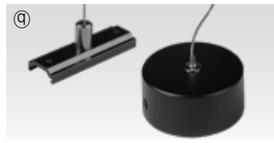
ⓝ FLT-SK-BRACKET1
Suspension Bracket for TRS1

ⓞ FLT-SK-POWER1
Suspension Power Kit for TRS1



ⓟ FLT-SK-BRACKET2
Suspension Bracket for TRS2

ⓠ FLT-SK-POWER2
Suspension Power Kit for TRS2



ⓡ 90 degree connector for TRT1
FLT-TRT1-90

ⓢ 90 degree connector for TRT2
FLT-TRT2-90

ⓣ FLT-TRT1-HOLDER
Holder for TRT1 Track
Holder to hold the track when installing

ⓤ FLT-TRT2-HOLDER
Holder for TRT2 Track
Holder to hold the track when installing

ⓥ FLT-TRS1-JOINT
Joint Bracket for TRS1
Between track to track bracket

ⓦ FLT-TRS2-JOINT
Joint Bracket for TRS2
Between track to track bracket

ⓧ FLT-TRT-JOINT
Joint Bracket for TRT1,2
Between track to track bracket

ⓨ FLT-TRT-WING
TRT WING for Trimless Track

ⓩ FLT-REMOVER
Fixture Remover