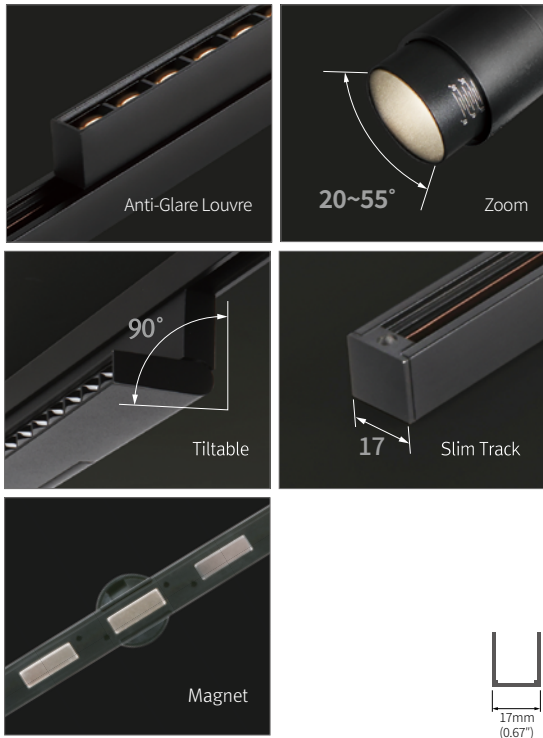




FTM Track System

Super slim magnetic low voltage track system

DATE _____

PROJECT _____

LOCATION _____

TYPE _____



PRODUCT FEATURES

- Ultra slim fixtures on easy magnetic rail system
- Adjustable beam angle by zoom function
- Available tilting up to 90°
- Safe with constant voltage DC 48V
- Various Track options (Surface, Trimless and Pendant mount track available)
- Dimmable

PRODUCT SPECIFICATIONS

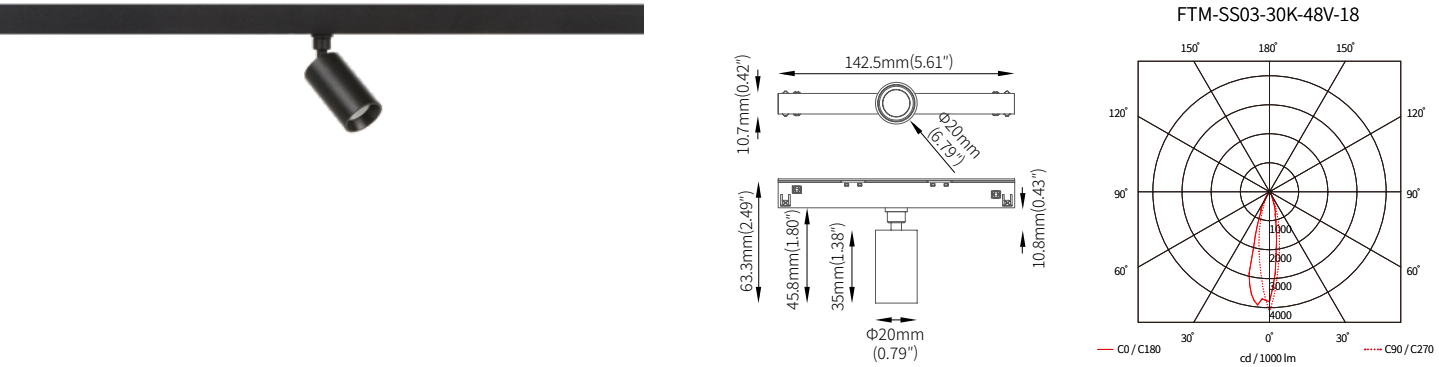
- Voltage : DC 48V
- Operating Temperature : 0-45°C(32-113°F)
- Lamp Life : 50,000 hrs / 70%
- Finishes : Black, White
- Color Rendering : CRI > 90

SPECIFICATION-FIXTURES

Performance data shown below for 3000K CCT. Refer to individual luminaire IES files for other CCT options.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature(CCT)	Beam Angle	Operating Temperature
FTM-SS03 (color)-48V	DC 48V	3 W	186.9 lm	63.36 lm/W	CRI > 90	2700K/3000K/3500K/4000K	18°/22°	0-45°C (32-113°F)
FTM-SS05 (color)-48V	DC 48V	5 W	438.9 lm	76.07 lm/W	CRI > 90	2700K/3000K/3500K/4000K	24°/30°/42°	0-45°C (32-113°F)
FTM-SS05 (color)-48V_ZOOM	DC 48V	5 W	280.7 lm	56.54 lm/W	CRI > 90	2700K/3000K/3500K/4000K	15°~40°	0-45°C (32-113°F)
FTM-SS10 (color)-48V	DC 48V	10 W	744.6 lm	76.34 lm/W	CRI > 90	2700K/3000K/3500K/4000K	26°/34°/46°	0-45°C (32-113°F)
FTM-SS15 (color)-48V	DC 48V	15 W	1,186.3 lm	79.08 lm/W	CRI > 90	2700K/3000K/3500K/4000K	21°/32°/42°	0-45°C (32-113°F)
FTM-SS15 (color)-48V-ZOOM	DC 48V	15 W	1,055.4 lm	73.95 lm/W	CRI > 90	2700K/3000K/3500K/4000K	20°~55°	0-45°C (32-113°F)
FTM-LS20 (color)-48V	DC 48V	10 W	587.7 lm	62.52 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	0-45°C (32-113°F)
FTM-LS20 (color)-48V-TILT	DC 48V	10 W	602.3 lm	63.80 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	0-45°C (32-113°F)
FTM-LS30 (color)-48V	DC 48V	15 W	839.4 lm	64.05 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	0-45°C (32-113°F)
FTM-LS30 (color)-48V-TILT	DC 48V	15 W	827.9 lm	64.21 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	0-45°C (32-113°F)
FTM-LM20 (color)-48V	DC 48V	10 W	475.4 lm	47.91 lm/W	CRI > 90	2700K/3000K/3500K/4000K	110°	0-45°C (32-113°F)
FTM-LM20 (color)-48V-TILT	DC 48V	10 W	455.1 lm	45.17 lm/W	CRI > 90	2700K/3000K/3500K/4000K	110°	0-45°C (32-113°F)
FTM-LM30 (color)-48V	DC 48V	15 W	724.5 lm	52.42 lm/W	CRI > 90	2700K/3000K/3500K/4000K	110°	0-45°C (32-113°F)
FTM-LM30 (color)-48V-TILT	DC 48V	15 W	710.5 lm	53.38 lm/W	CRI > 90	2700K/3000K/3500K/4000K	110°	0-45°C (32-113°F)

FTM-SS03



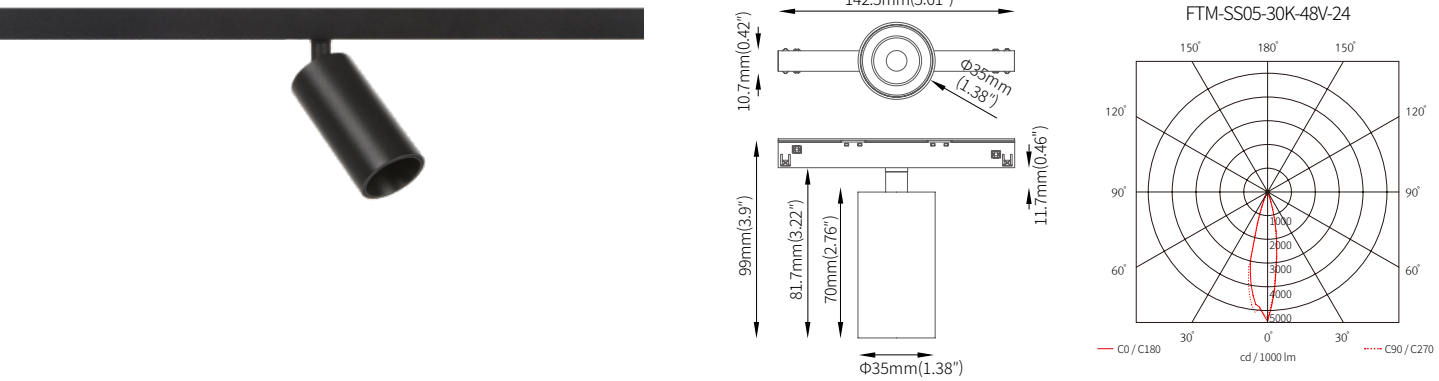
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-SS03 (color)-48V	DC 48V	3 W	186.9 lm	63.36 lm/W	CRI > 90	2700K/3000K/3500K/4000K	18°/22°	41g (0.09lb)	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
FTM-SS03	27K -2700K 30K -3000K 35K -3500K 40K -4000K	48V	BK -Black WT -White	18° 22°

FTM-SS05



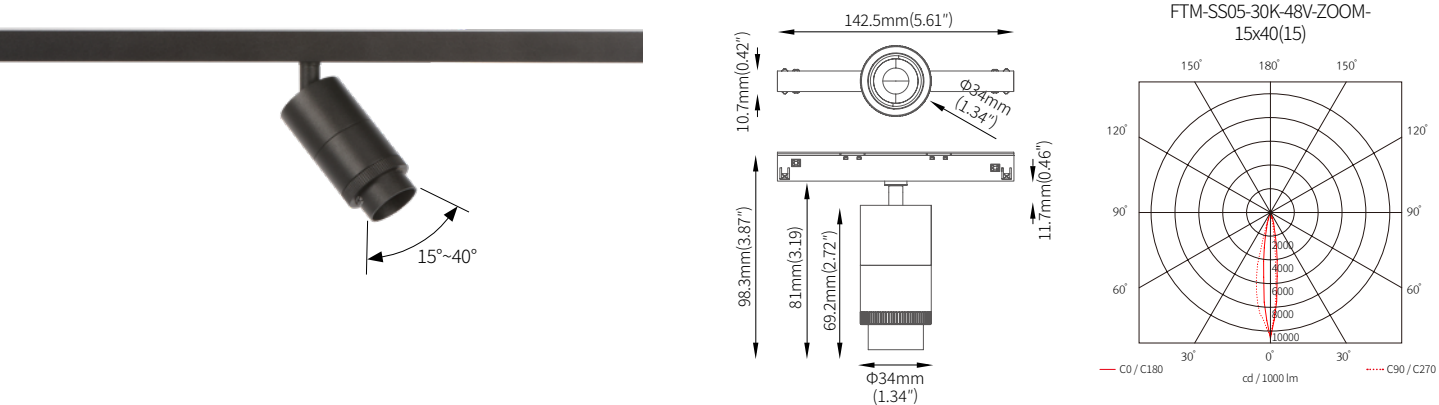
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-SS05 (color)-48V	DC 48V	5 W	438.9 lm	76.07 lm/W	CRI > 90	2700K/3000K/3500K/4000K	24°/30°/42°	126g (0.28lb)	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
FTM-SS05	27K -2700K 30K -3000K 35K -3500K 40K -4000K	48V	BK -Black WT -White	24° 30° 42°

FTM-SS05-ZOOM



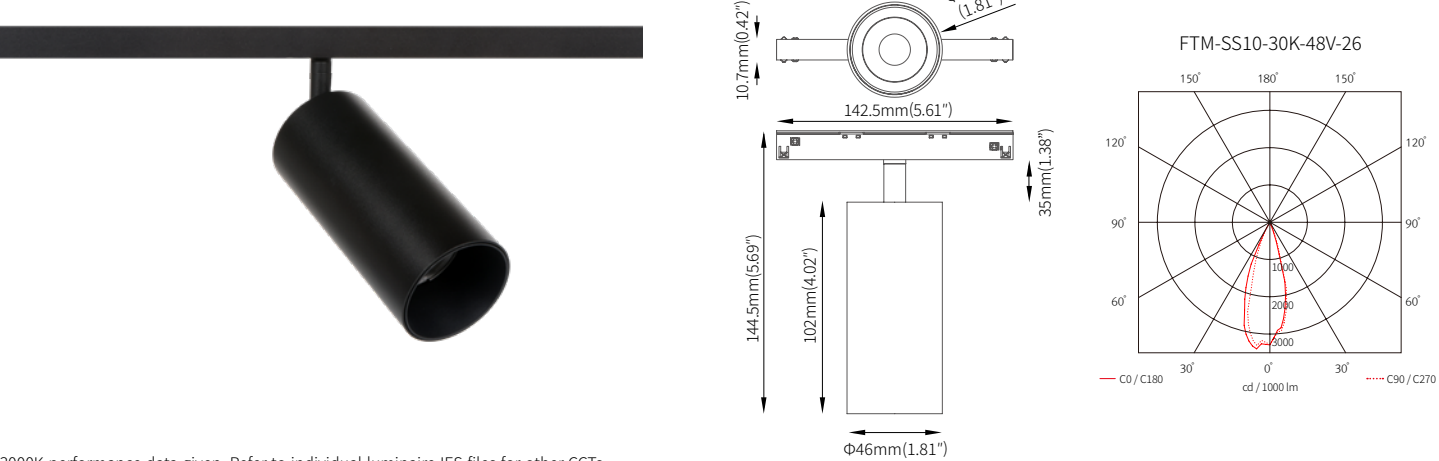
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-SS05 (color)-48V-ZOOM	DC 48V	5 W	280.7 lm	56.54 lm/W	CRI > 90	2700K/3000K/3500K/4000K	15°~40°	126g (0.28lb)	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
FTM-SS05	27K -2700K 30K -3000K 35K -3500K 40K -4000K	48V	BK -Black WT -White	15°~ 40°

FTM-SS10



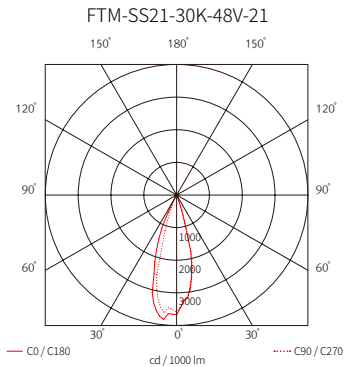
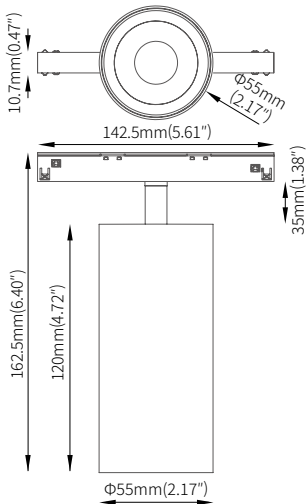
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-SS10 (color)-48V	DC 48V	10 W	744.6 lm	76.34 lm/W	CRI > 90	2700K/3000K/3500K/4000K	26°/34°/46°	171g (0.38lb)	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
FTM-SS10	27K -2700K 30K -3000K 35K -3500K 40K -4000K	48V	BK -Black WT -White	26° 34° 46°

FTM-SS15



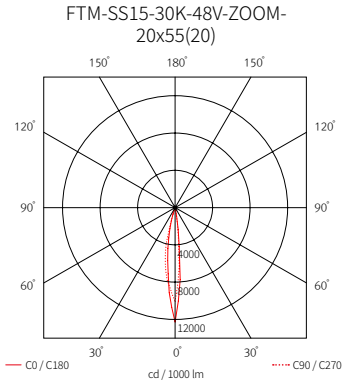
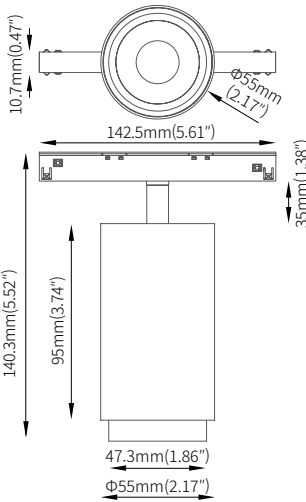
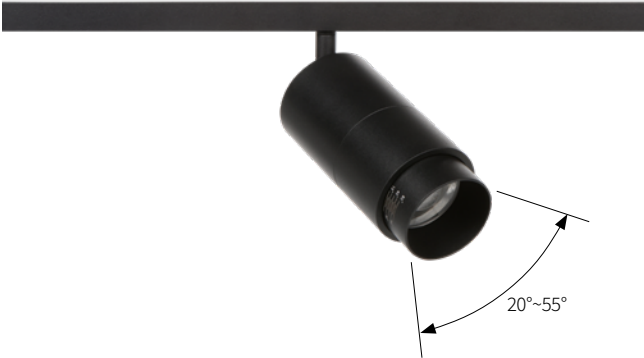
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-SS15 (color)-48V	DC 48V	15 W	1,186.3 lm	79.08 lm/W	CRI > 90	2700K/3000K/3500K/4000K	21°/32°/42°	245g (0.54lb)	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
FTM-SS15	27K -2700K 30K -3000K 35K -3500K 40K -4000K	48V	BK -Black WT -White	21° 32° 42°

FTM-SS15-ZOOM

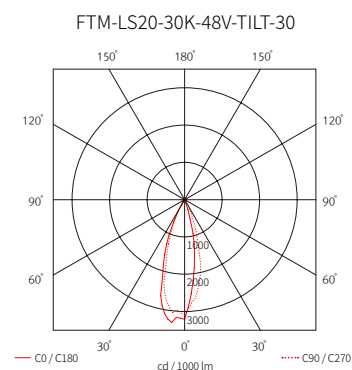
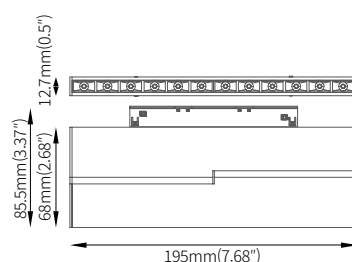
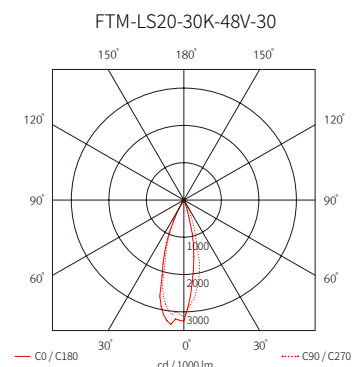
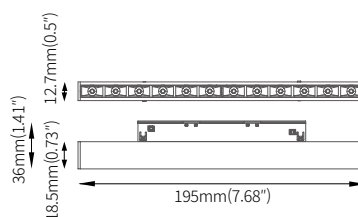


3000K performance data given. Refer to individual luminaire IES files for other CCTs.

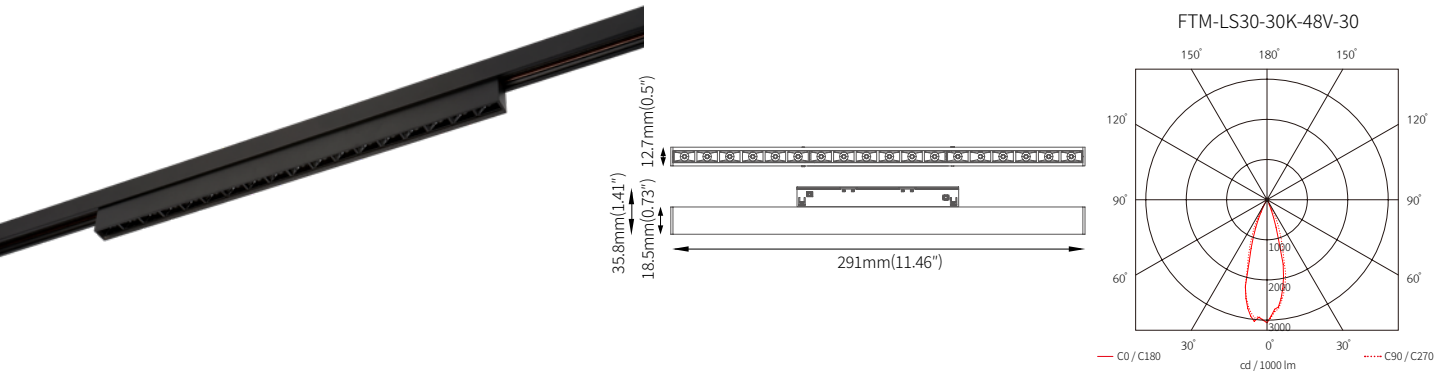
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-SS15 (color)-48V-ZOOM	DC 48V	15 W	1,055.4 lm	73.95 lm/W	CRI > 90	2700K/3000K/3500K/4000K	20°~55°	269g (0.60lb)	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	FUNCTION	BODY FINISH	BEAM ANGLE
FTM-SS15	27K -2700K 30K -3000K 35K -3500K 40K -4000K	48V	ZOOM	BK -Black WT -White	20°~55°



FTM-LS30



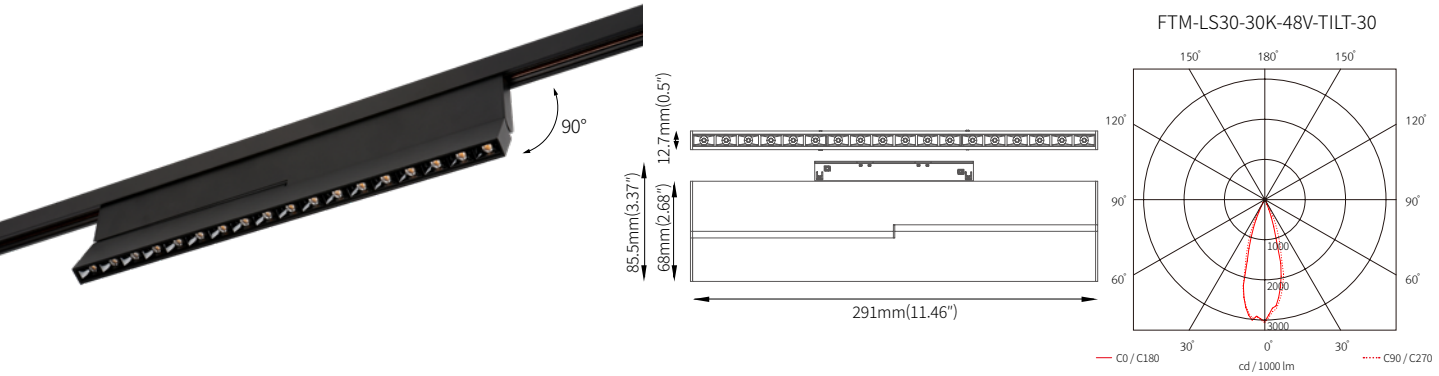
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-LS30 (color)-48V	DC 48V	15 W	839.4 lm	64.05 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	107g (0.24lb)	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
FTM-LS30	27K -2700K 30K -3000K 35K -3500K 40K -4000K	48V	BK -Black WT -White	30°

FTM-LS30-TILT



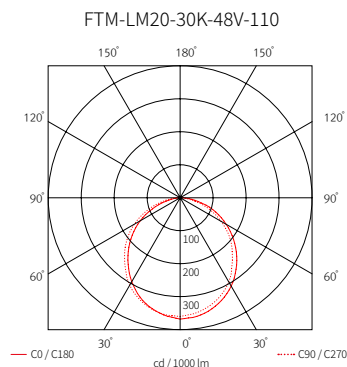
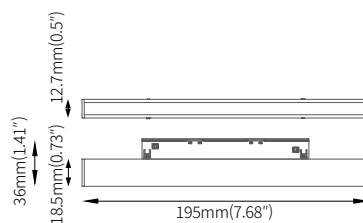
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-LS30 (color)-48V-TILT	DC 48V	15 W	827.9 lm	64.21 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	276g (0.61lb)	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	FUNCTION	BODY FINISH	BEAM ANGLE
FTM-LS30	27K -2700K 30K -3000K 35K -3500K 40K -4000K	48V	TILT	BK -Black WT -White	30°

FTM-LM20



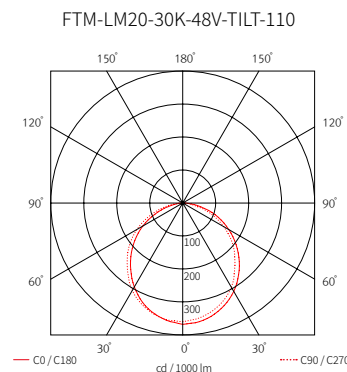
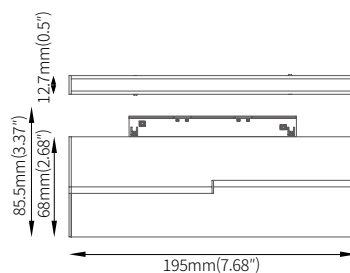
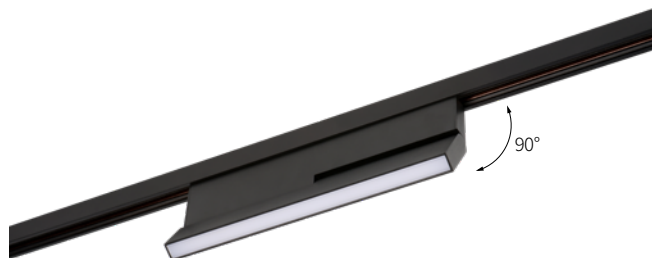
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-LM20 (color)-48V	DC 48V	10 W	475.4 lm	47.91 lm/W	CRI > 90	2700K/3000K/3500K/4000K	110°	72g (0.16lb)	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
FTM-LM20	27K -2700K 30K -3000K 35K -3500K 40K -4000K	48V	BK -Black WT -White	110°

FTM-LM20-TILT



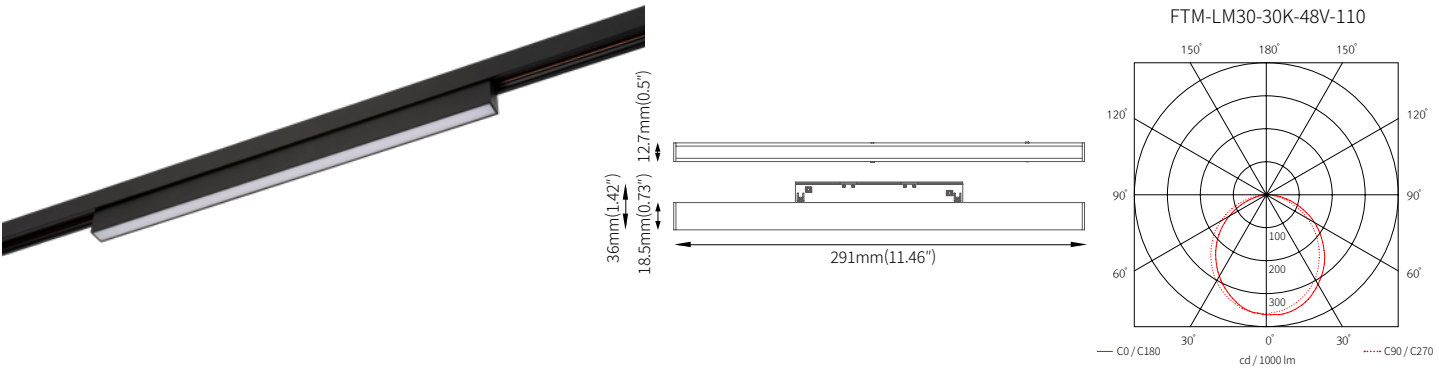
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-LM20 (color)-48V-TILT	DC 48V	10 W	455.1 lm	45.17 lm/W	CRI > 90	2700K/3000K/3500K/4000K	110°	192g (0.42lb)	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	FUNCTION	BODY FINISH	BEAM ANGLE
FTM-LM20	27K -2700K 30K -3000K 35K -3500K 40K -4000K	48V	TILT	BK -Black WT -White	110°

FTM-LM30



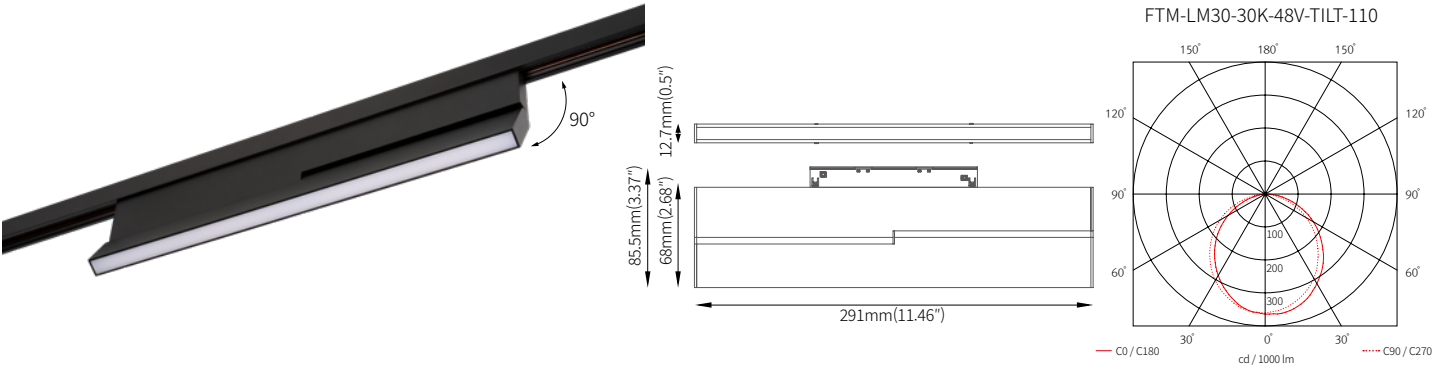
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-LM30 (color)-48V	DC 48V	15 W	724.5 lm	52.42 lm/W	CRI > 90	2700K/3000K/3500K/4000K	110°	98g (0.22lb)	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
FTM-LM30	27K -2700K 30K -3000K 35K -3500K 40K -4000K	48V	BK -Black WT -White	110°

FTM-LM30-TILT



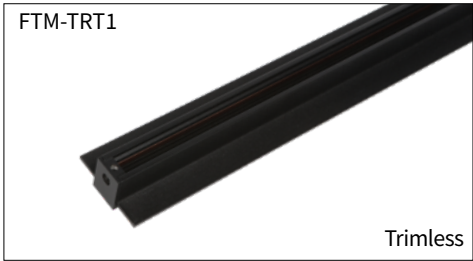
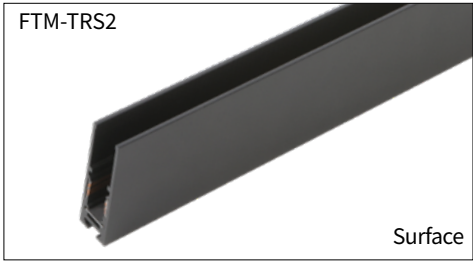
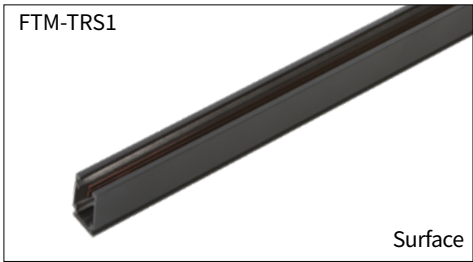
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-LM30 (color)-48V-TILT	DC 48V	15 W	710.5 lm	53.38 lm/W	CRI > 90	2700K/3000K/3500K/4000K	110°	269g (0.59lb)	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	FUNCTION	BODY FINISH	BEAM ANGLE
FTM-LM30	27K -2700K 30K -3000K 35K -3500K 40K -4000K	48V	TILT	BK -Black WT -White	110°

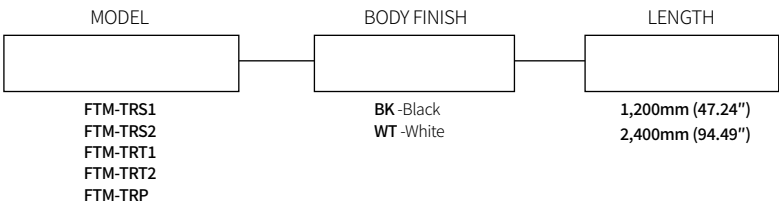
FTM Track



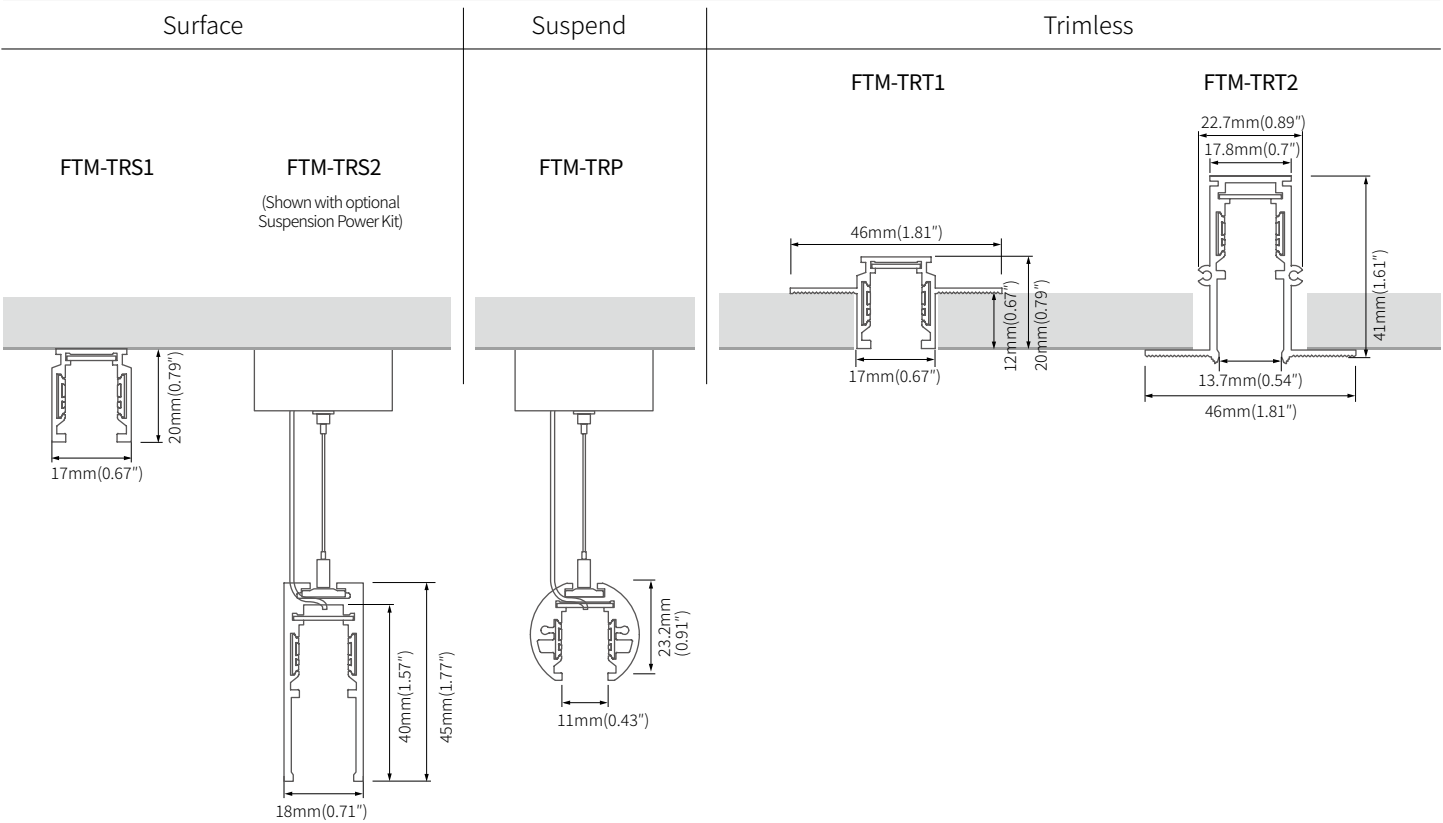
Compatible Luminaires					
Luminaire	FTM-TRS1	FTM-TRS2	FTM-TRT1	FTM-TRT2	FTM-TRP
FTM-SS03	○		○		○
FTM-SS05	○		○		○
FTM-SS05-ZOOM	○		○		○
FTM-SS10	○	○	○	○	○
FTM-SS15	○	○	○	○	○
FTM-SS15-ZOOM	○	○	○	○	○
FTM LS20	○	○	○	○	○
FTM LS20-TILT	○	○	○	○	○
FTM LS30	○	○	○	○	○
FTM LS30-TILT	○	○	○	○	○
FTM LM20	○	○	○	○	○
FTM LM20-TILT	○	○	○	○	○
FTM LM30	○	○	○	○	○
FTM LM30-TILT	○	○	○	○	○

* SS03 / SS05 / SS05-Zoom are not compatible with TRS2, TRT2 track.

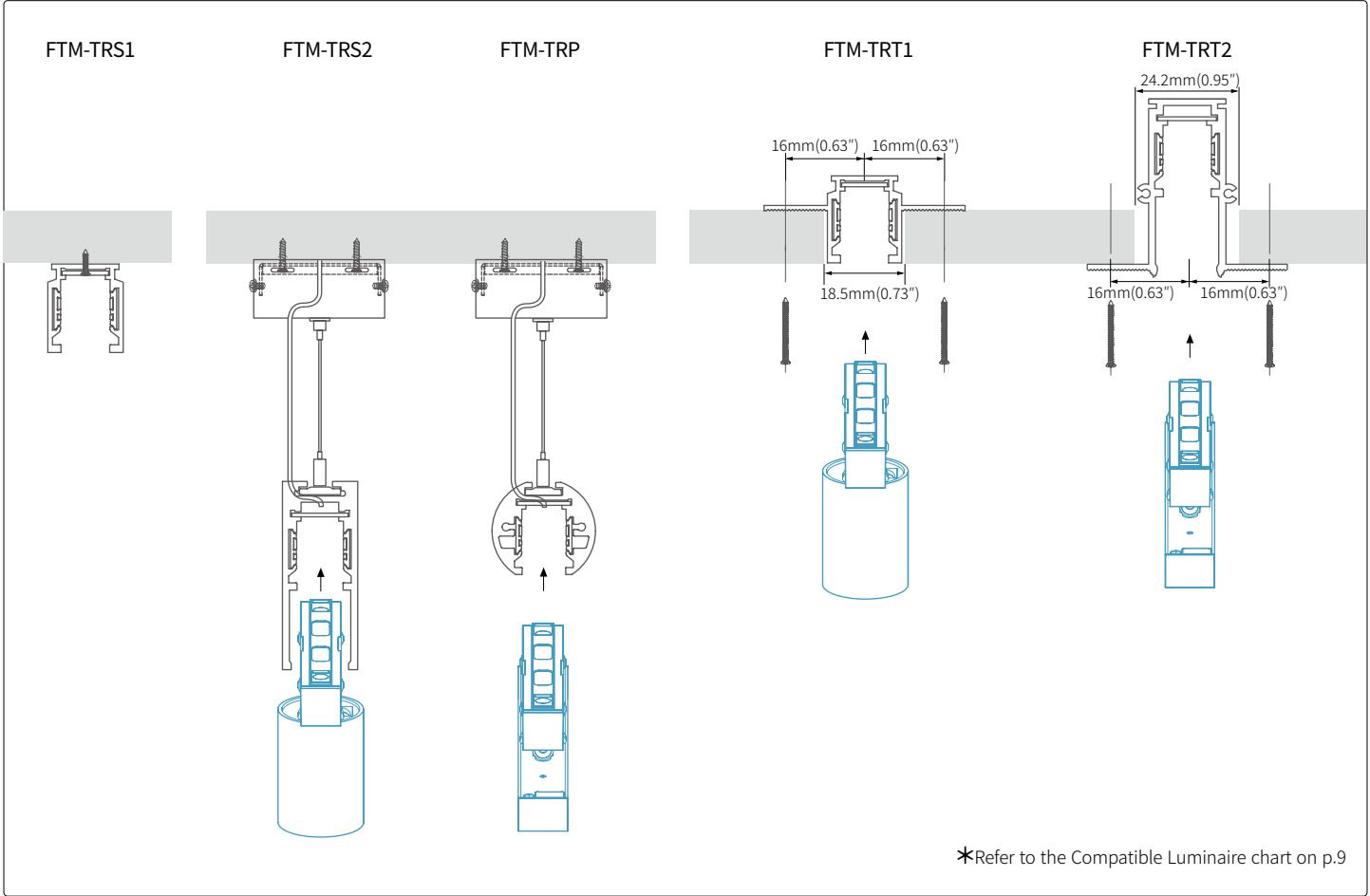
ORDERING GUIDE



DIMENSION



INSTALLATION *



*Refer to the Compatible Luminaire chart on p.9

Extrusion length

1,200mm(47.24")
2400mm(94.49")

Cutting track

⚠

Use special pliers to trim the ends of all 4 copper conductors, then remove and discard the trimmings.

90°

90°

5mm

WIRING DIAGRAM (1-10 / 0-10V dimming)

ON

1

2

3

4

5

Function Switch

4: ON, 5: ON

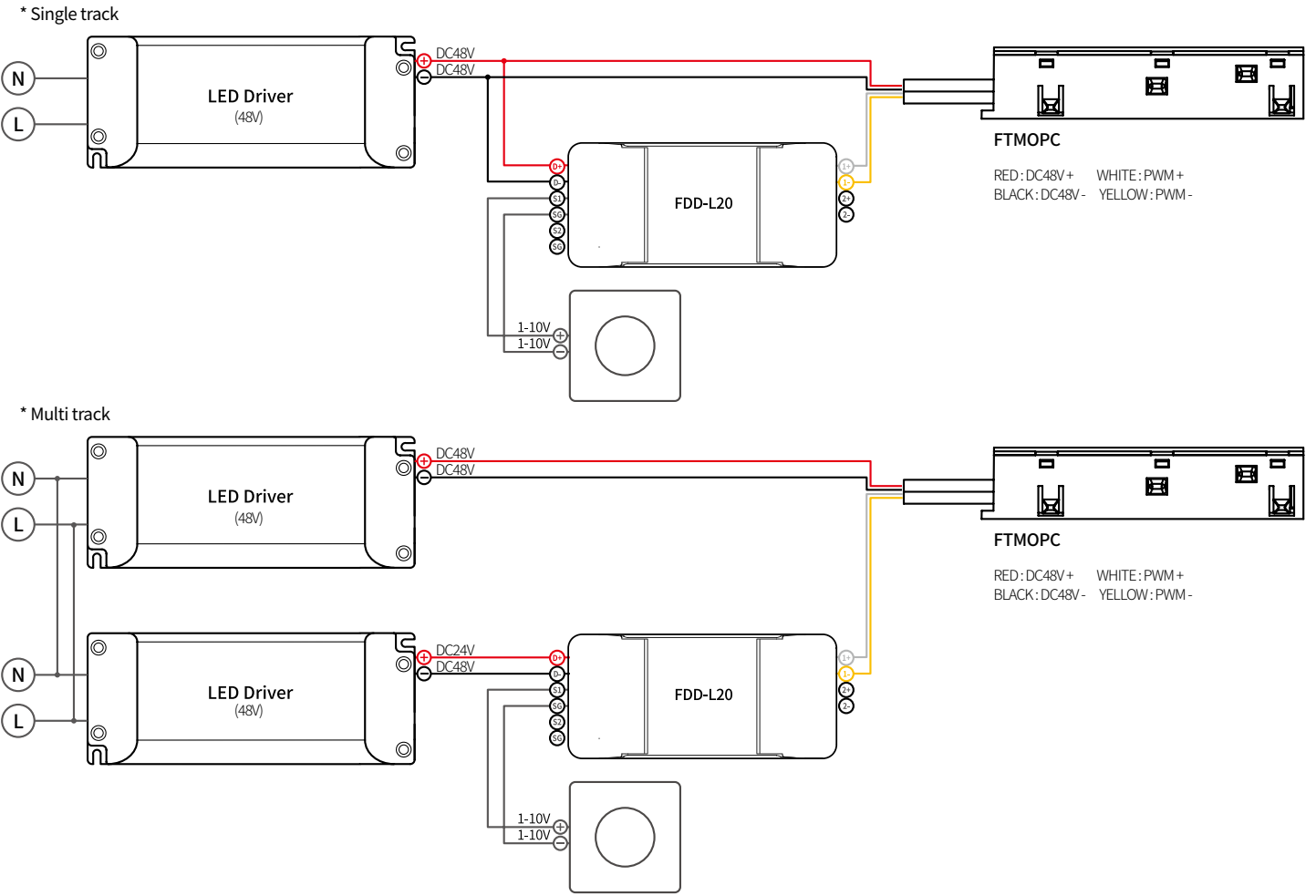
3: OFF : Fade off, ON : Fade on

2: OFF : Light off under 1V, ON : Minimum Brightness under 1V

1: OFF : 0-10 Mode, ON : 1-10 Mode

Mode Select with Function Switch (4 , 5)

Function Switch by mode	4	5	PWM(RE D LED)	SIC(GREEN LED)
Single Control Mode-1 (1 Channel)	OFF	OFF	● ON	○ OFF
Single Control Mode-2 (2 Channel)	OFF	ON	● ON	● ON



COMPONENTS



Power Connector
__FTMOPC-BK(1,450mm)
__FTMOPC-WT(1,450mm)



Suspension Power Kit for TRP Track
__FTM-SK-POWER-BK
__FTM-SK-POWER-WT



LED Driver (48V)
__FLC200-48V/T
__FLC100-48V/T



Direct Connector
__FTMCPL-BK
__FTMCPL-WT



Joint Bracket for TRS1, TRT1, TRP
__FTM-JOINT1-BK



Dimming Interface (48V) (0-10V/1-10V)
__FDD-L20
(MAX. 400W (200W/CH, 2CH))



Flexible Connector
__FTMPTC-BK(100mm)
__FTMPTC-WT(100mm)



Joint Bracket for TRS2, TRT2
__FTM-JOINT2-BK