

DATE

PROJECT

LOCATION

TYPE



PRODUCT FEATURES

- Ultra Small, Magnetic Track/Rail System
- Zoom Beam Anlge for FTM-SS05, -SS15
- Available tilting up to 90°
- Constant Voltage DC 48V
- Surface, Trimless and Pendant Mount Track Available
- Control with 0-10V

PRODUCT SPECIFICATIONS

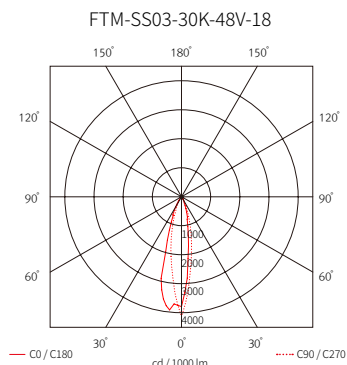
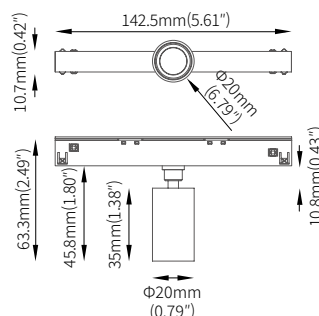
Power Input	48V DC Constant Voltage
Color Rendering Index	CRI >90
Available CCTs	2700K, 3000K, 3500K, 4000K
Operating Temperature Ranges	32-113°F (0-45°C)
Control	0-10V
Finish	Black, White
Lamp life	50,000hr / 70%
Warranty	5 year Warranty

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	Beam Angle	Operating Temperature
FTM-SS03 (color)K-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)K-48V		5 W	438.9 lm	76.07 lm/W			24°/30°/42°	
FTM-SS05 (color)K-48V_ZOOM		5 W	280.7 lm	56.54 lm/W			15°~40°	
FTM-SS10 (color)K-48V		10 W	744.6 lm	76.34 lm/W			26°/34°/46°	
FTM-SS15 (color)K-48V		15 W	1,186.3 lm	79.08 lm/W			21°/32°/42°	
FTM-SS15 (color)K-48V-ZOOM		15 W	1,055.4 lm	73.95 lm/W			20°~55°	
FTM-LS20 (color)K-48V		10 W	587.7 lm	62.52 lm/W			30°	
FTM-LS20 (color)K-48V-TILT		10 W	602.3 lm	63.80 lm/W			30°	
FTM-LS30 (color)K-48V		15 W	839.4 lm	64.05 lm/W			30°	
FTM-LS30 (color)K-48V-TILT		15 W	827.9 lm	64.21 lm/W			30°	
FTM-LM20 (color)K-48V		10 W	475.4 lm	47.91 lm/W			110°	
FTM-LM20 (color)K-48V-TILT		10 W	455.1 lm	45.17 lm/W			110°	
FTM-LM30 (color)K-48V		15 W	724.5 lm	52.42 lm/W			110°	
FTM-LM30 (color)K-48V-TILT		15 W	710.5 lm	53.38 lm/W			110°	

FTM-SS03 Non-dimmable



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

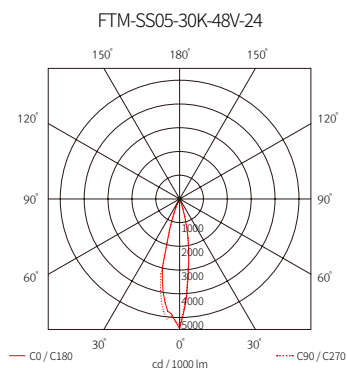
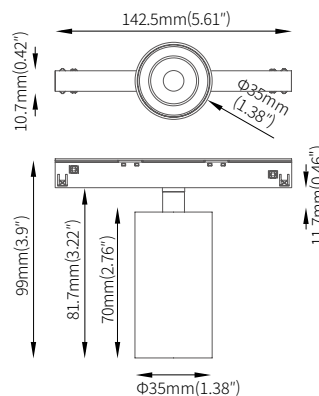
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-SS03 (color)K-48V	DC 48V	3 W	186.9 lm	63.36 lm/W	CRI > 90	2700K/3000K/3500K/4000K	18°/22°	41g (0.09lb)	0-45°C (32-113°F)

SPECIFICATION GUIDE Please refer to Page 9 for Track Compatibility.

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MODEL	COLOR	C90	BODY FINISH	BEAM ANGLE
FTM-SS03	27K -2700K 30K -3000K 35K -3500K 40K -4000K		BK -Black WT -White	18° 22°

FTM-SS05



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

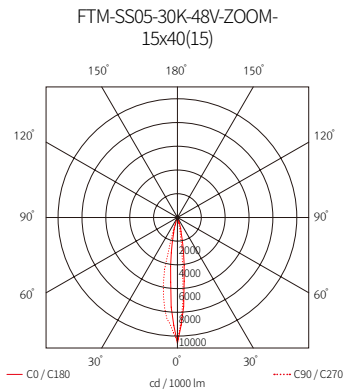
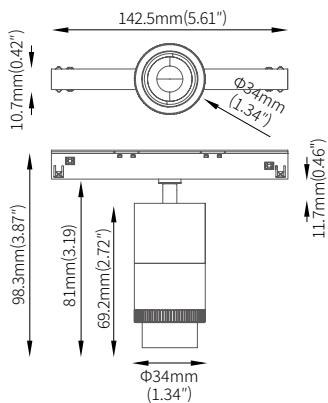
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-SS05 (color)K-48V	DC 48V	5 W	438.9 lm	76.07 lm/W	CRI > 90	2700K/3000K/3500K/4000K	24°/30°/42°	126g (0.28lb)	0-45°C (32-113°F)

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MODEL	COLOR	C90	BODY FINISH	BEAM ANGLE
FTM-SS05	27K -2700K 30K -3000K 35K -3500K 40K -4000K		BK -Black WT -White	24° 30° 42°

FTM-SS05-ZOOM Non-dimmable



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

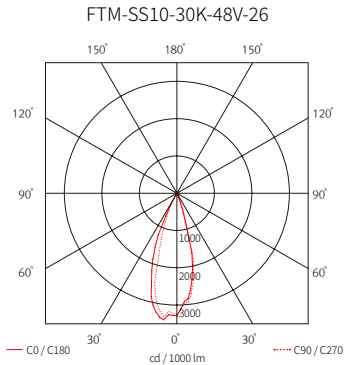
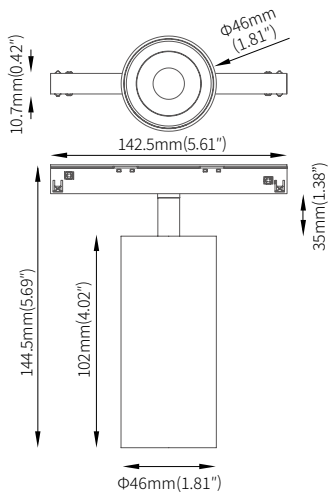
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-SS05 (color)K-48V-ZOOM	DC 48V	5 W	280.7 lm	56.54 lm/W	CRI > 90	2700K/3000K/3500K/4000K	15°~40°	126g (0.28lb)	0-45°C (32-113°F)

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MODEL	COLOR	FUNCTION	C90	BODY FINISH	BEAM ANGLE
FTM-SS05	27K -2700K 30K -3000K 35K -3500K 40K -4000K	ZOOM	C90	BK -Black WT -White	15°~ 40°

FTM-SS10



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

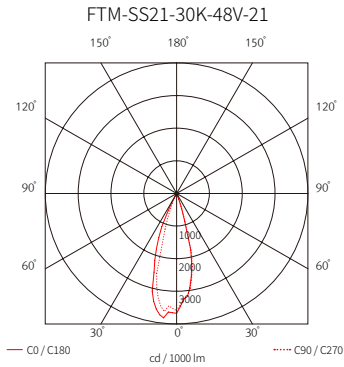
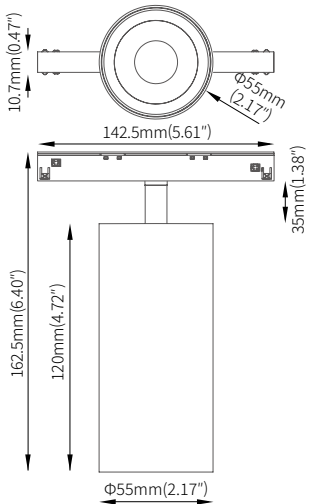
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-SS10 (color)K-48V	DC 48V	10 W	744.6 lm	76.34 lm/W	CRI > 90	2700K/3000K/3500K/4000K	26°/34°/46°	171g (0.38lb)	0-45°C (32-113°F)

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MODEL	COLOR	C90	BODY FINISH	BEAM ANGLE
FTM-SS10	27K -2700K 30K -3000K 35K -3500K 40K -4000K	C90	BK -Black WT -White	26° 34° 46°

FTM-SS15



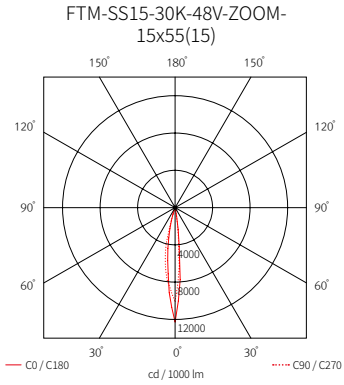
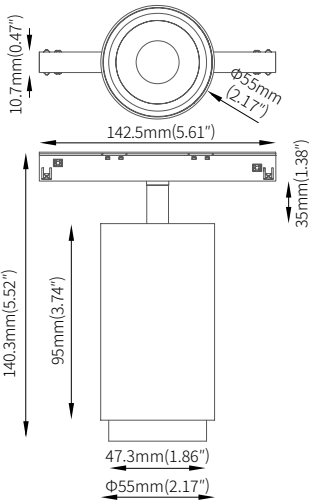
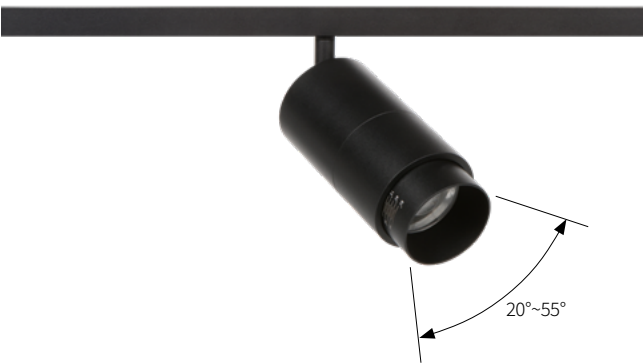
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

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)K-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)

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MODEL	COLOR	C90	BODY FINISH	BEAM ANGLE
FTM-SS15	27K -2700K 30K -3000K 35K -3500K 40K -4000K		BK -Black WT -White	21° 32° 42°

FTM-SS15-ZOOM



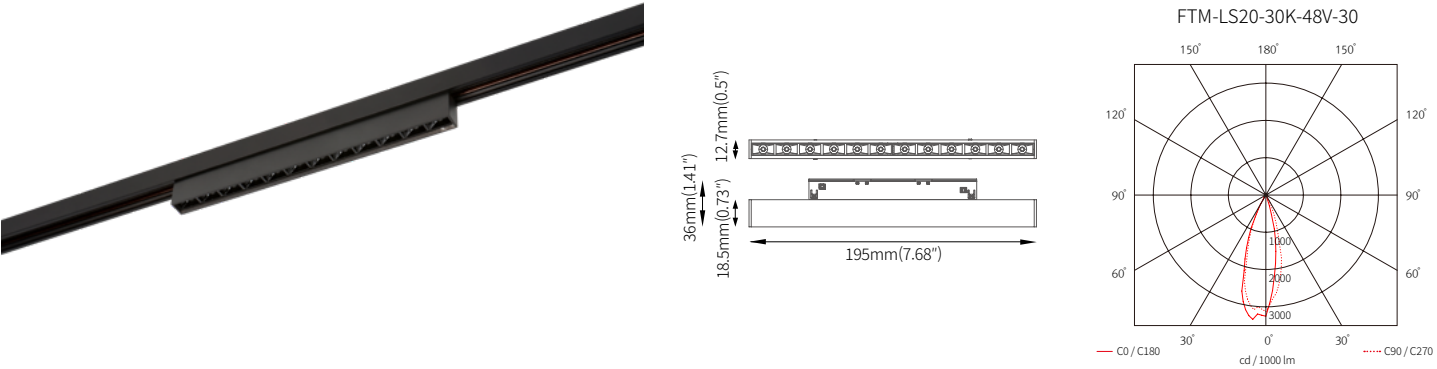
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

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)K-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)

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MODEL	COLOR	FUNCTION	C90	BODY FINISH	BEAM ANGLE
FTM-SS15	27K -2700K 30K -3000K 35K -3500K 40K -4000K	ZOOM		BK -Black WT -White	20°~55°

FTM-LS20

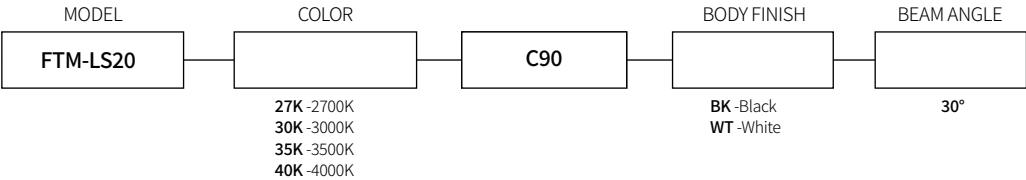


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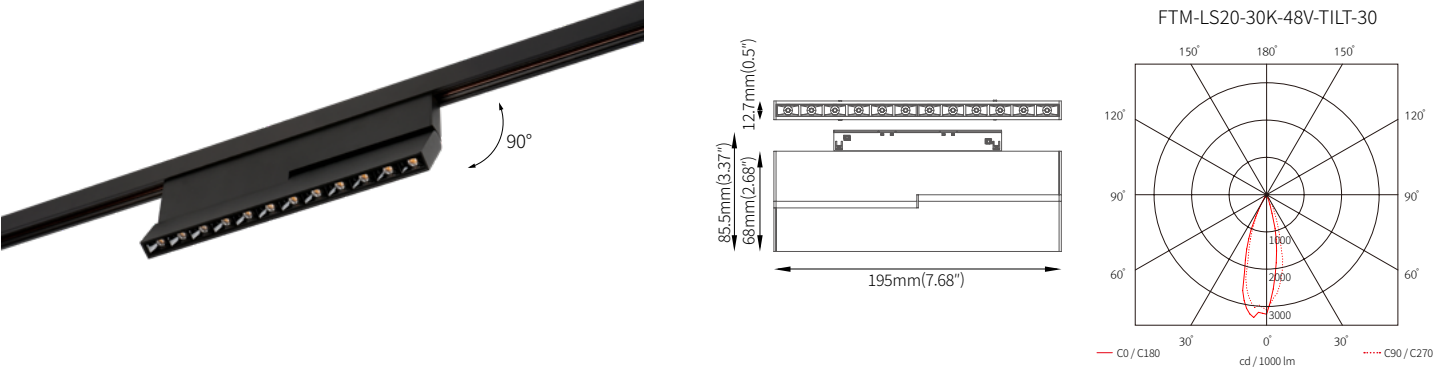
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-LS20 (color)K-48V	DC 48V	10 W	587.7 lm	62.52 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	78g (0.17lb)	0-45°C (32-113°F)

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FTM-LS20-TILT

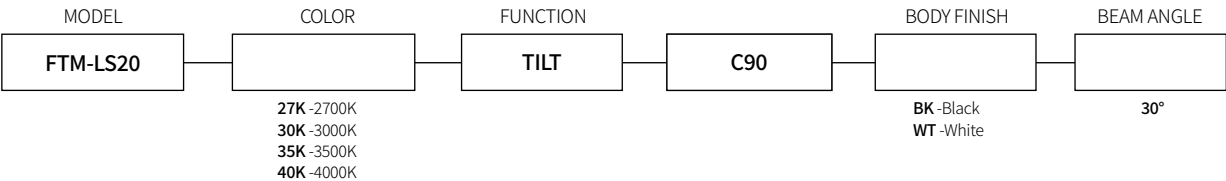


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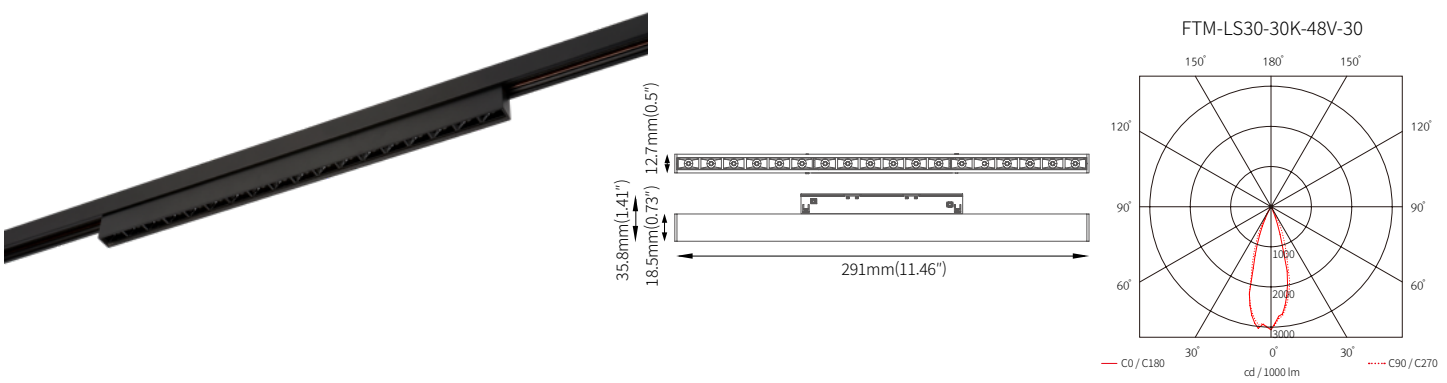
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-LS20 (color)K-48V-TILT	DC 48V	10 W	602.3 lm	63.80 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	197g (0.43lb)	0-45°C (32-113°F)

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FTM-LS30

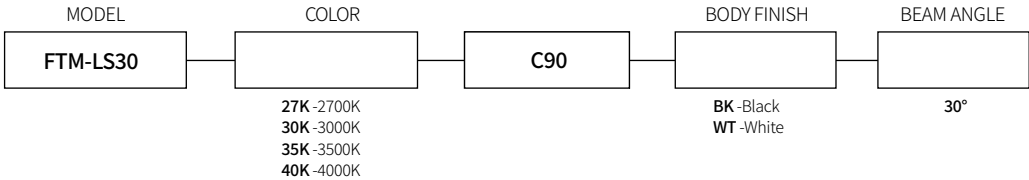


3000K performance data given. Refer to individual luminaire IES files for other CCTs.

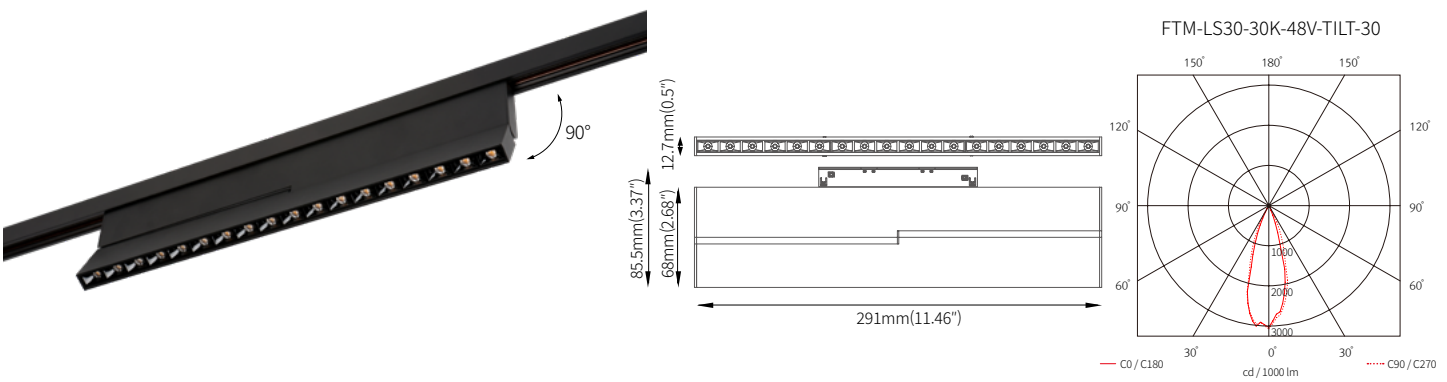
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-LS30 (color)K-48V	DC 48V	15 W	839.4 lm	64.05 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	107g (0.24lb)	0-45°C (32-113°F)

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FTM-LS30-TILT

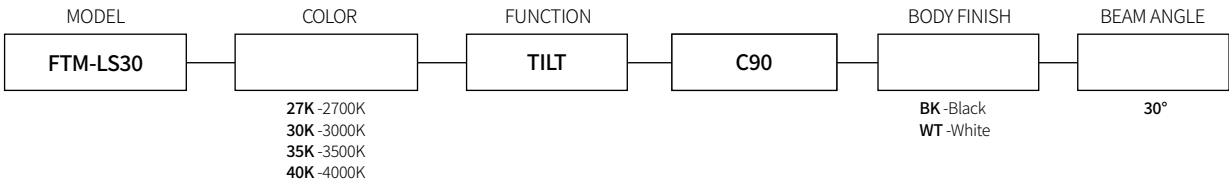


3000K performance data given. Refer to individual luminaire IES files for other CCTs.

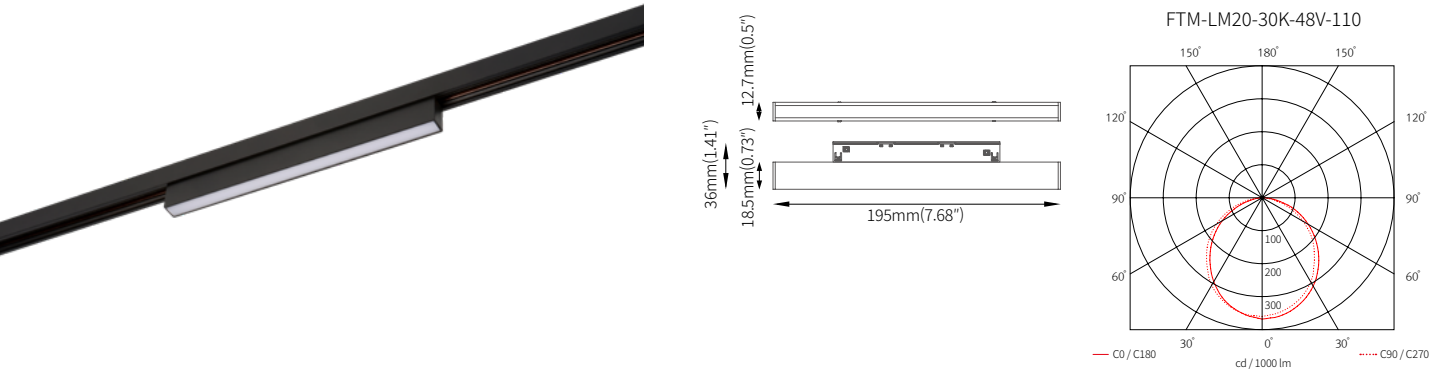
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-LS30 (color)K-48V-TILT	DC 48V	15 W	827.9 lm	64.21 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	276g (0.61lb)	0-45°C (32-113°F)

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FTM-LM20

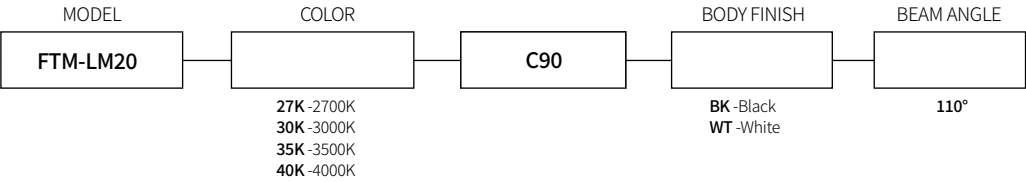


3000K performance data given. Refer to individual luminaire IES files for other CCTs.

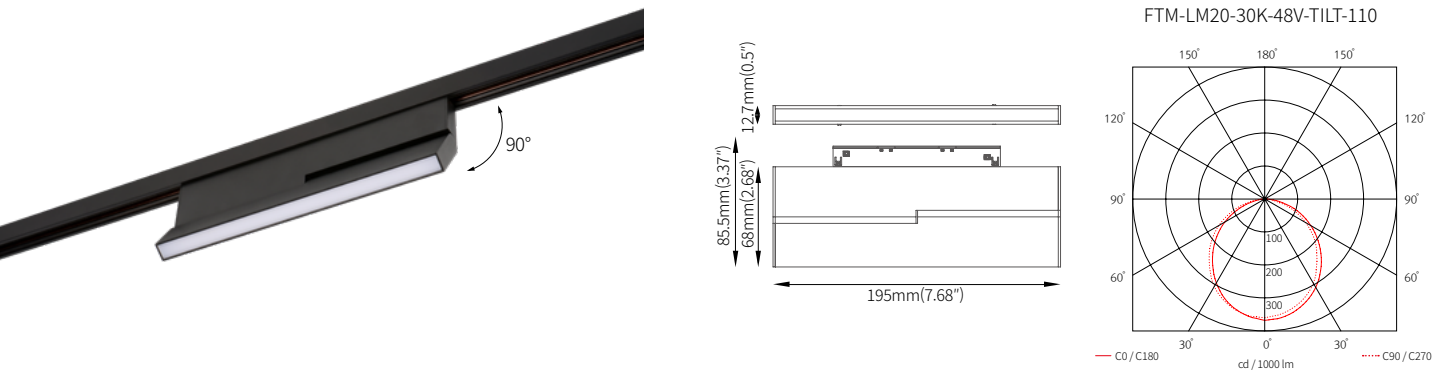
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-LM20 (color)K-48V	DC 48V	10 W	475.4 lm	47.91 lm/W	CRI > 90	2700K/3000K/3500K/4000K	110°	72g (0.16lb)	0-45°C (32-113°F)

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FTM-LM20-TILT

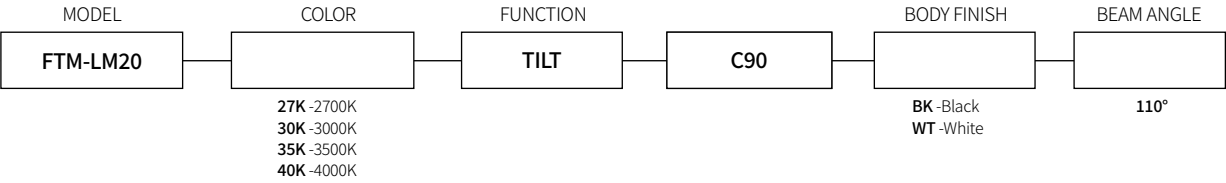


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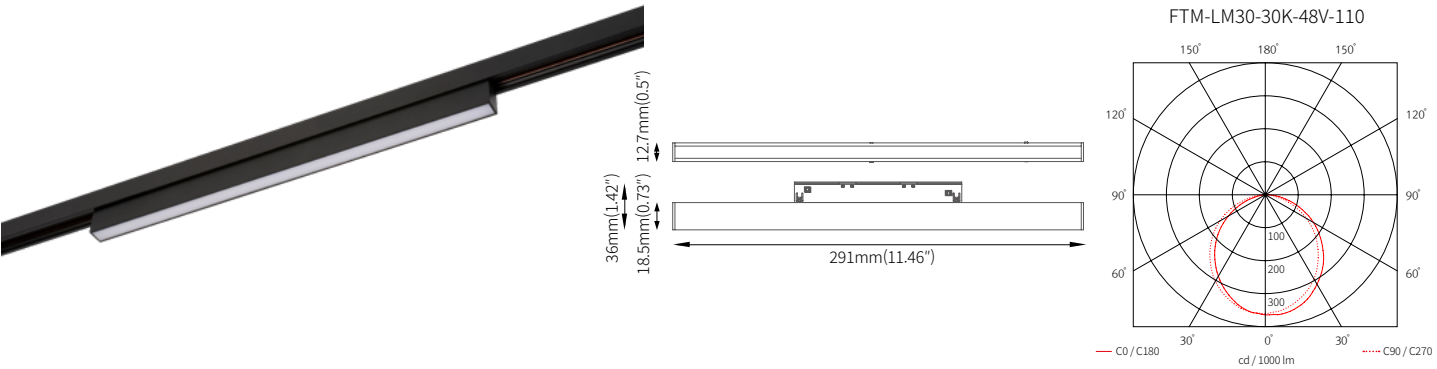
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-LM20 (color)K-48V-TILT	DC 48V	10 W	455.1 lm	45.17 lm/W	CRI > 90	2700K/3000K/3500K/4000K	110°	192g (0.42lb)	0-45°C (32-113°F)

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FTM-LM30

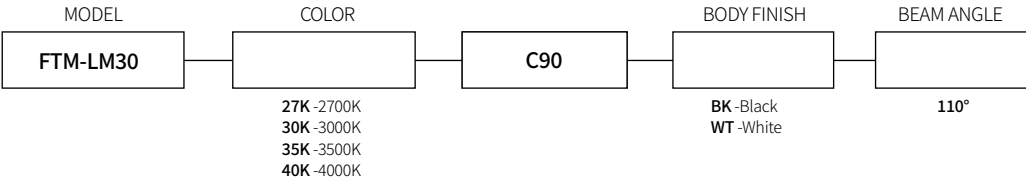


3000K performance data given. Refer to individual luminaire IES files for other CCTs.

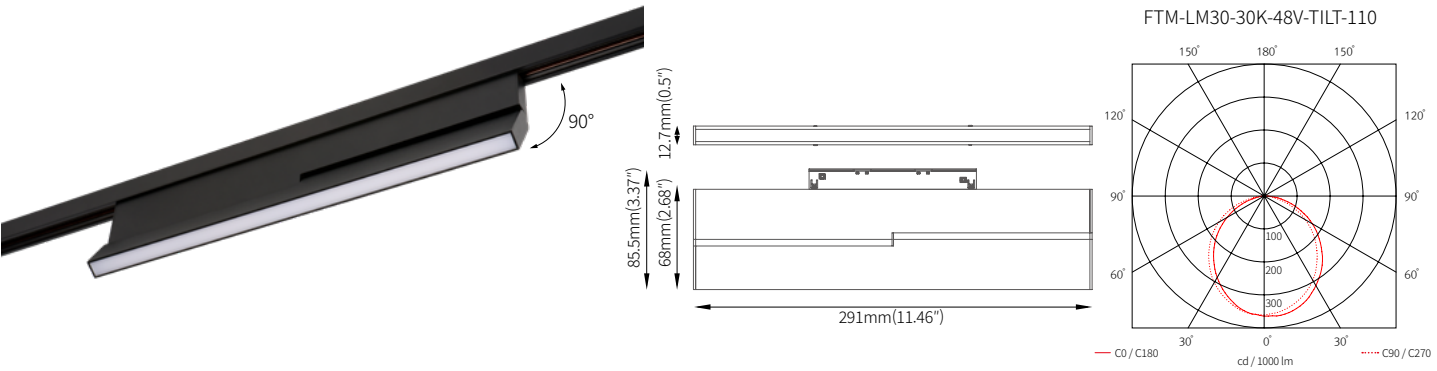
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
FTM-LM30 (color)K-48V	DC 48V	15 W	724.5 lm	52.42 lm/W	CRI > 90	2700K/3000K/3500K/4000K	110°	98g (0.22lb)	0-45°C (32-113°F)

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FTM-LM30-TILT

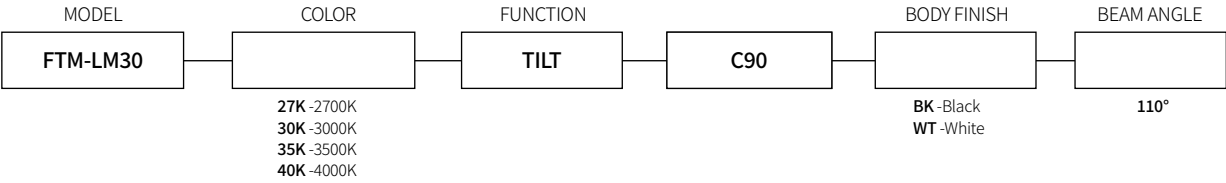


3000K performance data given. Refer to individual luminaire IES files for other CCTs.

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)K-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)

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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	○	○	○	○	○

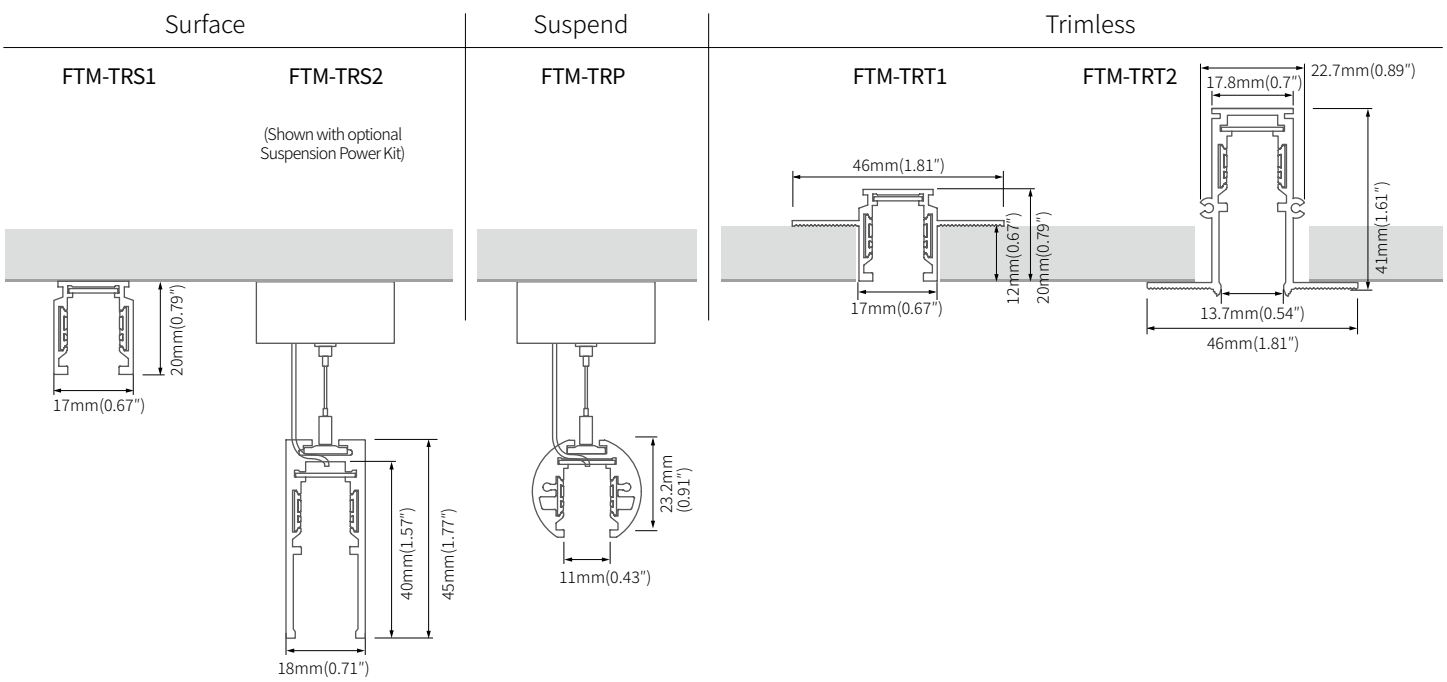
✱SS03 / SS05 / SS05-Zoom are not compatible with TRS2, TRT2 track.

SPECIFICATION GUIDE

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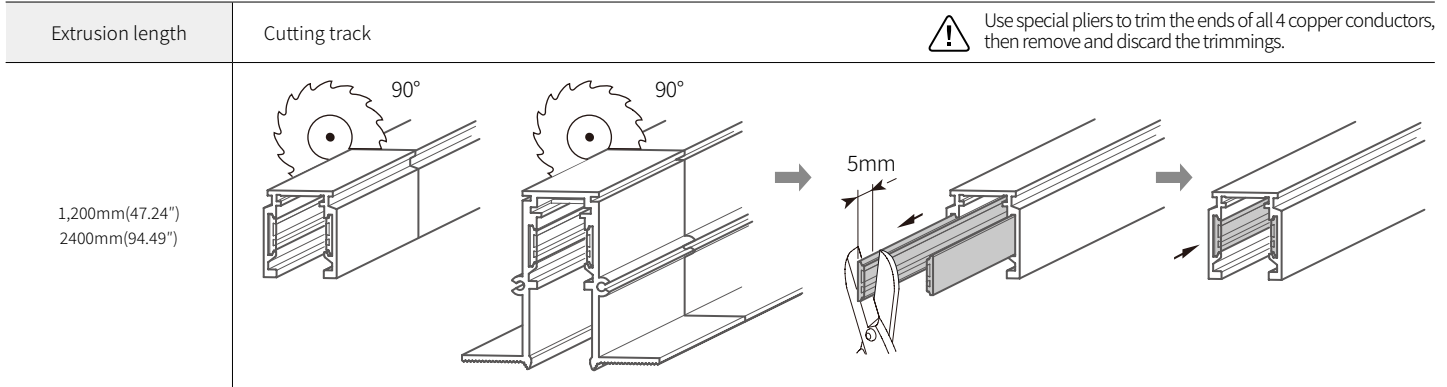
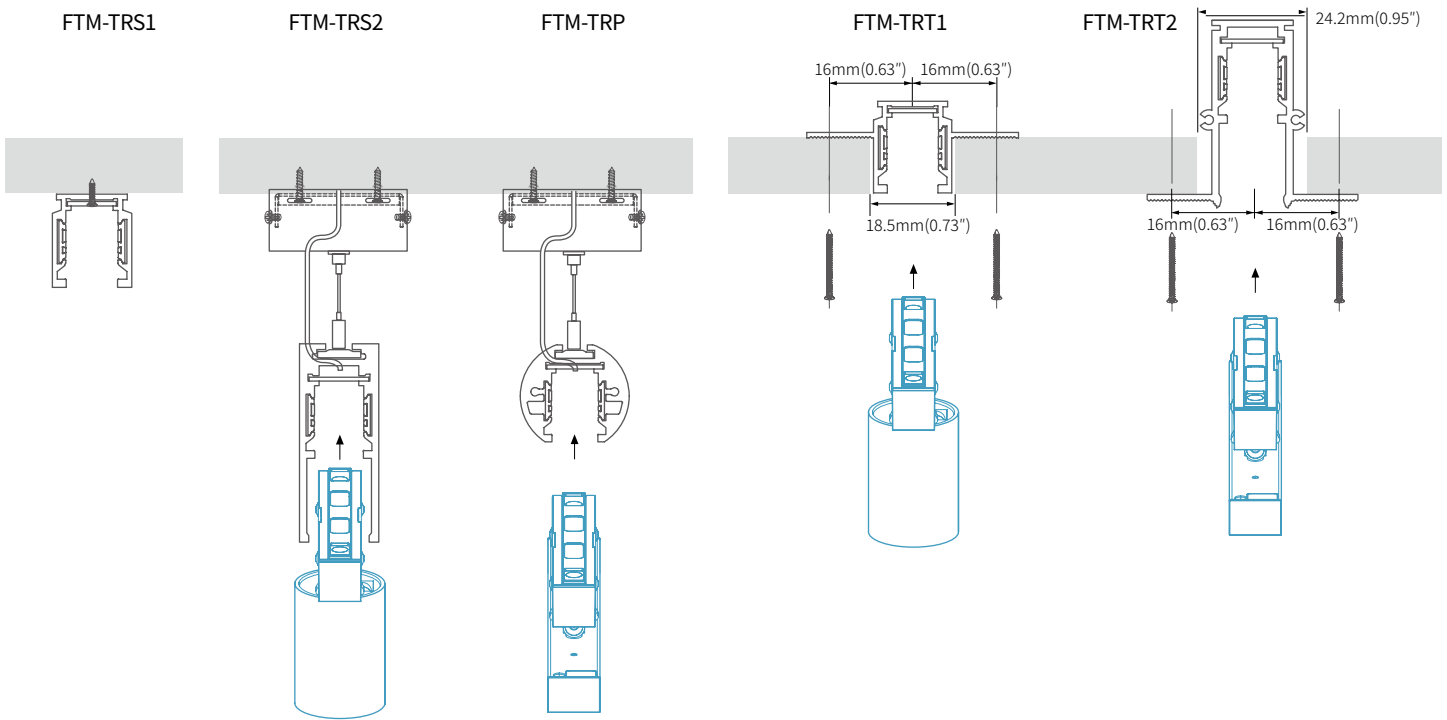
MODEL	FINISH	LENGTH	DRIVER	CONTROLS	VOLTAGE
FTM-TRS1 FTM-TRS2 FTM-TRT1 FTM-TRT2 FTM-TRP	BK -Black WT -White	1200mm(3.94') 2400mm(7.87')	CP - Cable/Plug HW - Hard Wire TD - 3rd Party Drivers Consult Factory	NDM - Non-Dim 0-10V	120V 230V 277V

DIMENSION

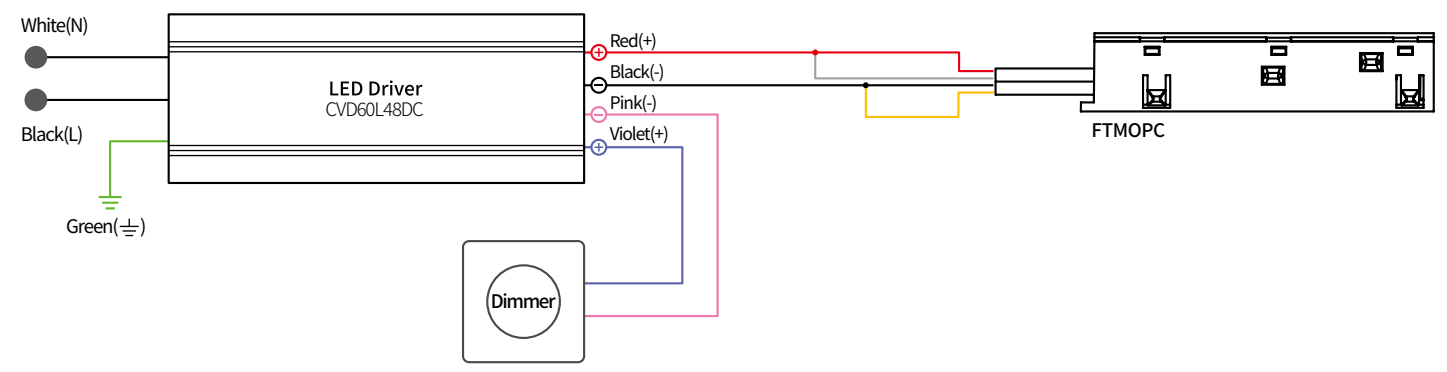


INSTALLATION *

*Refer to the Compatible Luminaire chart on p.9



WIRING DIAGRAM (0-10V dimming)



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

Function Switch

ON 1 2 3 4 5

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

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

*** Single track**

*** Multi track**

FTMOPC

RED: DC48V+ WHITE: PWM+
BLACK: DC48V- YELLOW: PWM-

COMPONENTS

	Power Connector __FTMOPC-BK (1,500mm/59.06") __FTMOPC-WT (1,500mm/59.06")		Suspension Power Kit for TRP Track __FTM-SK-POWER-BK __FTM-SK-POWER-WT Note:Power cable not included		Control Interface (0-10V) __FDD-L20 Max. 200W (100W/CH, 2CH) (24~48V)
	Direct Connector __FTMCPL-BK __FTMCPL-WT		Suspension Bracket for TRP Track __FTM-SK-Bracket1-BK __FTM-SK-Bracket1-WT		Control Interface (DALI) __FDD-L1DA Max. 200W (100W/CH, 1CH) (24~48V)
	Flexible Connector __FTMPTC-BK (100mm/3.94") __FTMPTC-WT (100mm/3.94")		Joint Bracket for TRS1, TRT1, TRP __FTM-JOINT1-BK		Hard Wire Driver __CVD60L48DC Note: FDD-L20 is NOT required to dim using this power supply/driver
			Joint Bracket for TRS2, TRT2 __FTM-JOINT2-BK	A larger selection of drivers are available including remote and hard wire drivers. Please consult factory.	