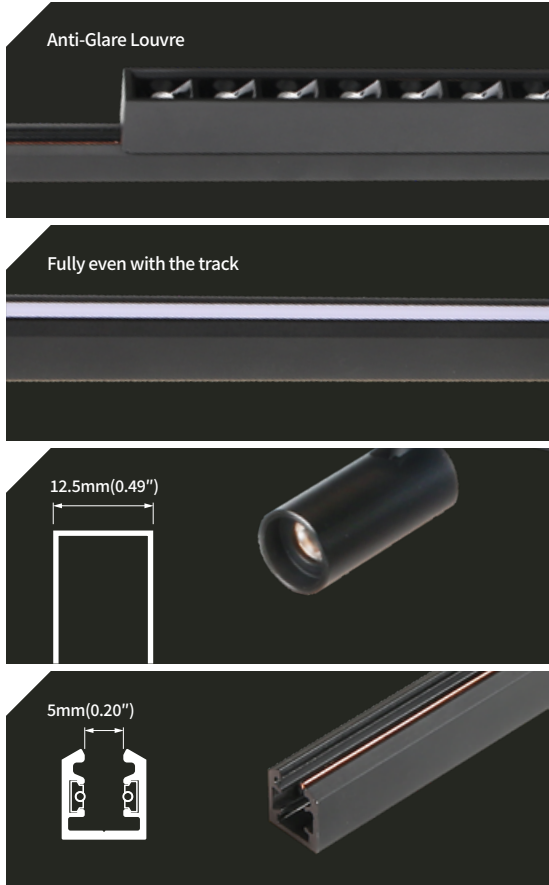




MCT Track System

Micro-Profile Low Voltage Track System

DATE

PROJECT

LOCATION

TYPE



PRODUCT FEATURES

- Micro thin fixtures on easy locking rail system(11mm)
- Available tilting up to 90°
- Safe with constant voltage DC 24V
- Fully Flush Recessed Linear with surface and trimless track
- Various track options(surface, Trimless and Pendant mount track available)
- Dimmable

PRODUCT SPECIFICATIONS

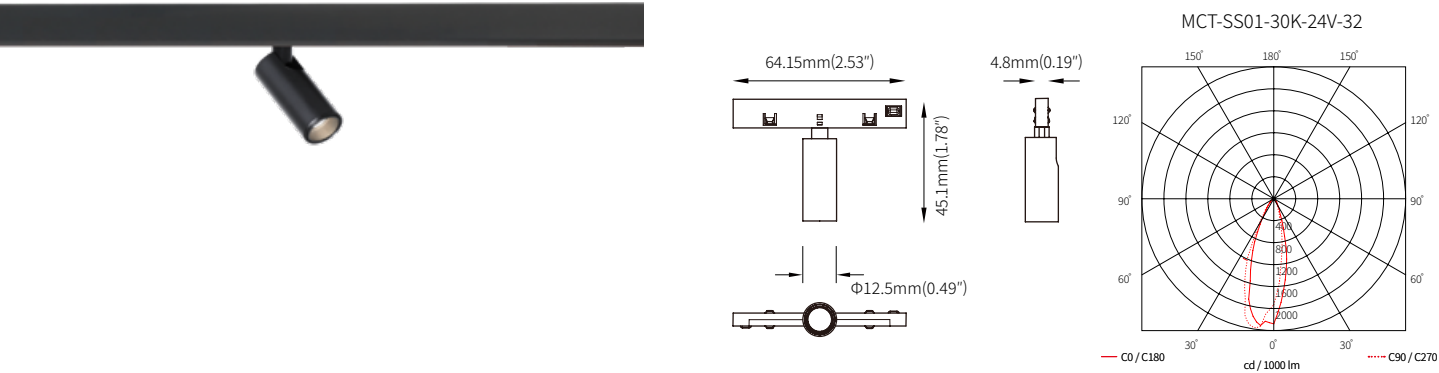
- Voltage : DC 24V
- Operating Temperature : 0-45°C(32-113°F)
- Lamp Life : 50,000 hrs / 70%
- Finishes : Black, White
- Color Rendering : CRI > 90

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
MCT SS01 (color)-24V	DC 24V	1.2 W	79 lm	65 lm/W	CRI > 90	2700K/3000K/3500K/4000K	18°/ 32°/ 46°	0-45°C (32-113°F)
MCT SS03 (color)-24V	DC 24V	3 W	164.4 lm	55.31 lm/W	CRI > 90	2700K/3000K/3500K/4000K	18°/ 24°/32°	0-45°C (32-113°F)
MCT SS05 (color)-24V	DC 24V	5 W	328.6 lm	80.95 lm/W	CRI > 90	2700K/3000K/3500K/4000K	18°/ 24°/40°	0-45°C (32-113°F)
MCT SS08 (color)-24V	DC 24V	8 W	589.1 lm	72.99 lm/W	CRI > 90	2700K/3000K/3500K/4000K	18°/ 24°/38°/55°	0-45°C (32-113°F)
MCT LS20 (color)-24V	DC 24V	10 W	462.2 lm	45.10 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	0-45°C (32-113°F)
MCT LS30 (color)-24V	DC 24V	15 W	689 lm	45.03 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	0-45°C (32-113°F)
MCT LN30 (color)-24V	DC 24V	4 W	93.4 lm	25.08 lm/W	CRI > 90	2700K/3000K/3500K/4000K	120°	0-45°C (32-113°F)
MCT LN60 (color)-24V	DC 24V	7 W	206.4 lm	28.50 lm/W	CRI > 90	2700K/3000K/3500K/4000K	120°	0-45°C (32-113°F)
MCT LN90 (color)-24V	DC 24V	12 W	233.1 lm	20.03 lm/W	CRI > 90	2700K/3000K/3500K/4000K	120°	0-45°C (32-113°F)
MCT LN120 (color)-24V	DC 24V	15 W	318.2 lm	21.00 lm/W	CRI > 90	2700K/3000K/3500K/4000K	120°	0-45°C (32-113°F)

MCT-SS01



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

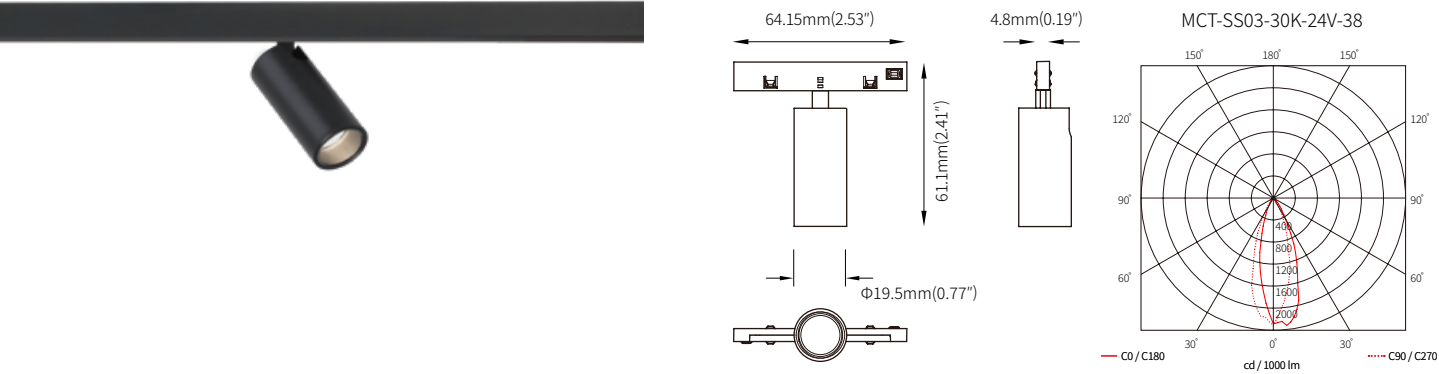
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
MCT SS03 (color)-24V	DC 24V	1.2 W	79 lm	65 lm/W	CRI > 90	2700K/3000K/3500K/4000K	18°/ 32°/ 46°	65 g	0-45°C (32-113°F)

*Based on 3000K

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
MCT-SS03	27K -2700K 30K -3000K 35K -3500K 40K -4000K	24V	BK -Black WT -White	18° 32° 46°

MCT-SS03



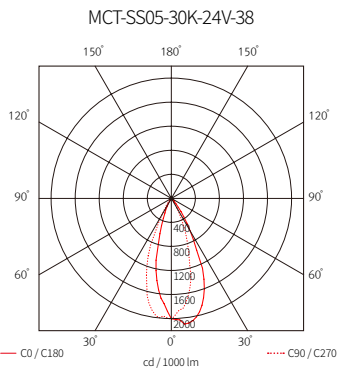
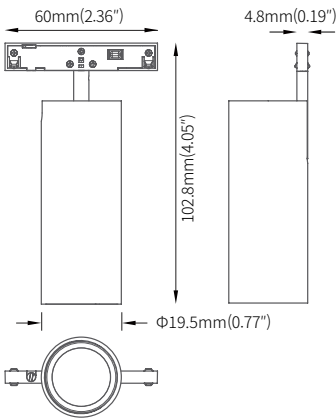
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
MCT SS03 (color)-24V	DC 24V	3 W	164.4 lm	55.31 lm/W	CRI > 90	2700K/3000K/3500K/4000K	18°/ 24°/32°	65 g	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
MCT-SS03	27K -2700K 30K -3000K 35K -3500K 40K -4000K	24V	BK -Black WT -White	18° 24° 32°

MCT-SS05



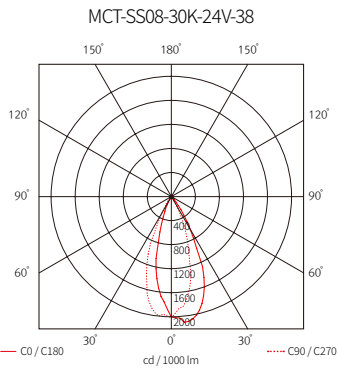
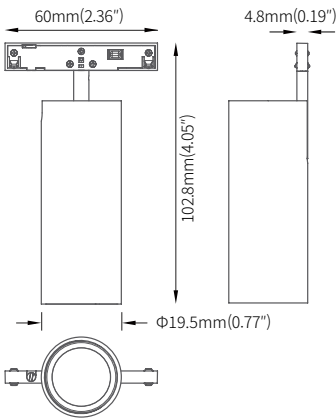
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
MCT-SS05 (color)-24V	DC 24V	5 W	328.6 lm	80.95 lm/W	CRI > 90	2700K/3000K/3500K/4000K	18°/24°/40°	130 g	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
MCT-SS05	27K -2700K 30K -3000K 35K -3500K 40K -4000K	24V	BK -Black WT -White	18° 24° 40°

MCT-SS08



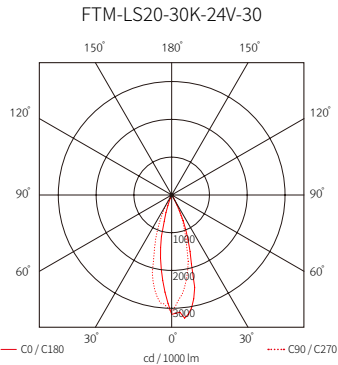
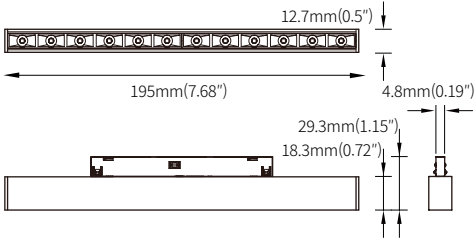
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
MCT-SS08 (color)-24V	DC 24V	8 W	589.1 lm	72.99 lm/W	CRI > 90	2700K/3000K/3500K/4000K	18°/24°/38°/55°	130 g	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
MCT-SS08	27K -2700K 30K -3000K 35K -3500K 40K -4000K	24V	BK -Black WT -White	18° 24° 38° 55°

MCT-LS20



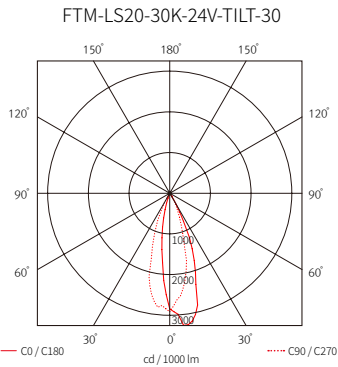
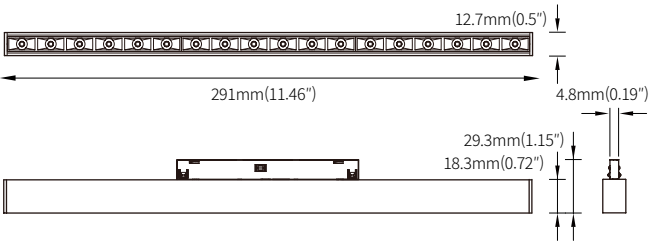
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Operating Temperature
MCT LS20 (color)-24V	DC 24V	10 W	462.2 lm	45.10 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
MCT LS20	27K -2700K 30K -3000K 35K -3500K 40K -4000K	24V	BK -Black WT -White	30°

MCT-LS30



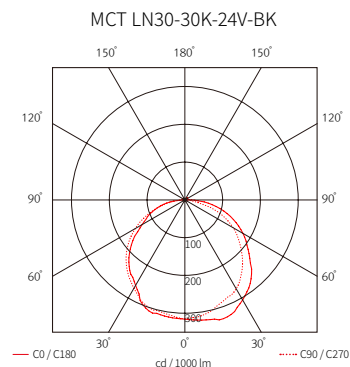
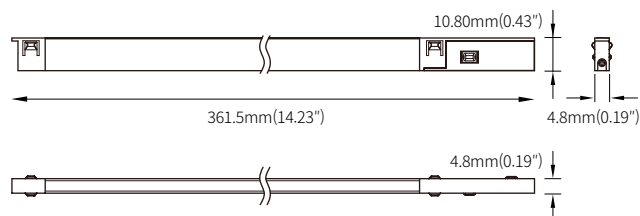
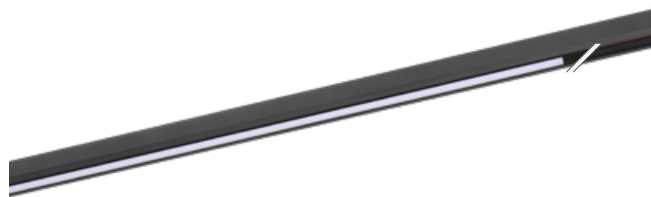
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
MCT LS30 (color)-24V	DC 24V	15 W	689 lm	45.03 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	197g (0.43lb)	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
MCT LS30	27K -2700K 30K -3000K 35K -3500K 40K -4000K	24V	BK -Black WT -White	30°

MCT-LN30



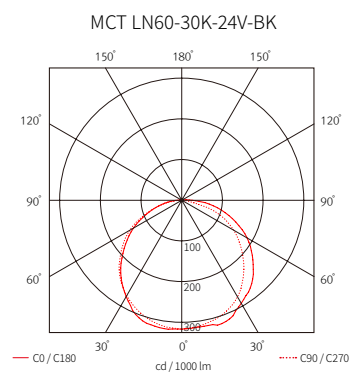
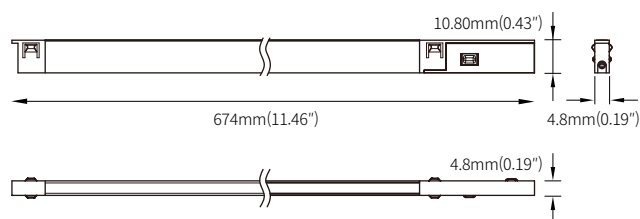
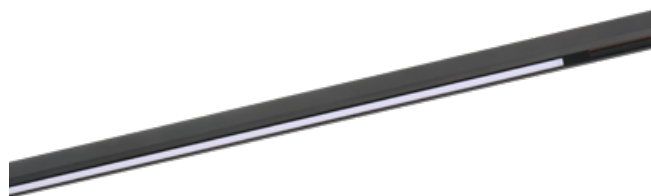
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Operating Temperature
MCT LN30 (color)-24V	DC 24V	4 W	93.4 lm	25.08 lm/W	CRI > 90	2700K/3000K/3500K/4000K	120°	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
MCT LN30	27K -2700K 30K -3000K 35K -3500K 40K -4000K	24V	BK -Black WT -White	120°

MCT-LN60



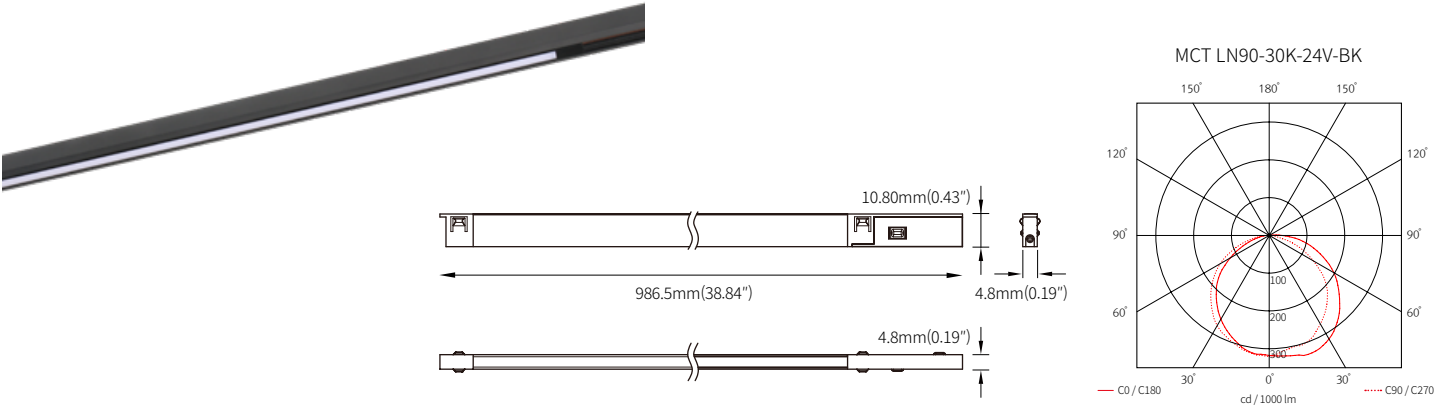
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Operating Temperature
MCT LN60 (color)-24V	DC 24V	7 W	206.4 lm	28.50 lm/W	CRI > 90	2700K/3000K/3500K/4000K	120°	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
MCT LN60	27K -2700K 30K -3000K 35K -3500K 40K -4000K	24V	BK -Black WT -White	120°

MCT-LN90



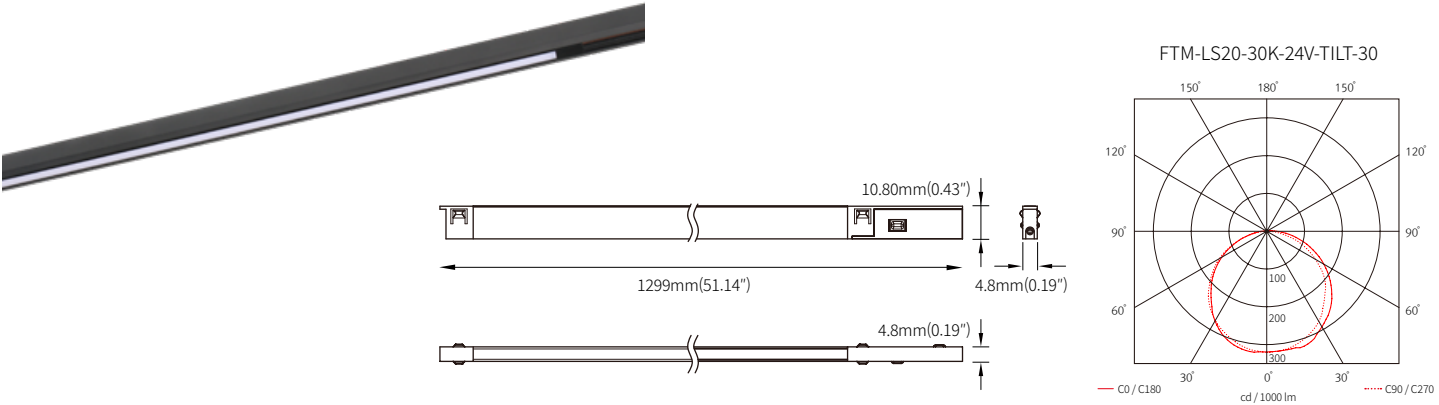
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Operating Temperature
MCT LN90 (color)-24V	DC 24V	12 W	233.1 lm	20.03 lm/W	CRI > 90	2700K/3000K/3500K/4000K	120°	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
MCT LN90	27K -2700K 30K -3000K 35K -3500K 40K -4000K	24V	BK -Black WT -White	120°

MCT-LS120



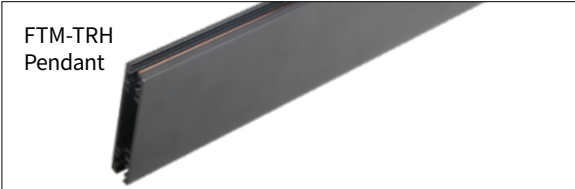
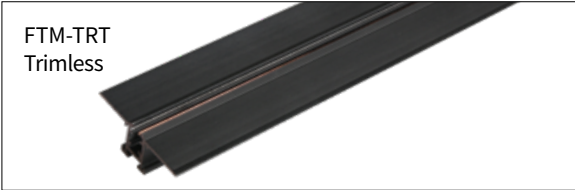
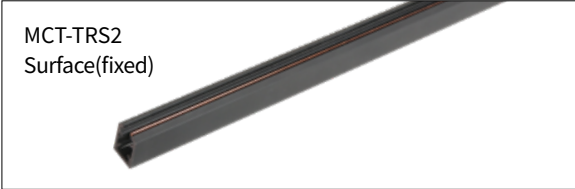
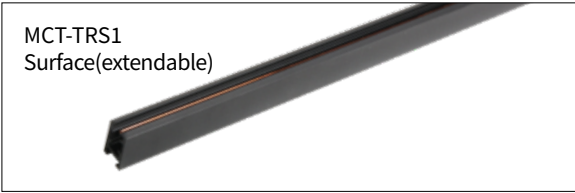
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Operating Temperature
MCT LN120 (color)-24V	DC 24V	15 W	318.2 lm	21.00 lm/W	CRI > 90	2700K/3000K/3500K/4000K	120°	0-45°C (32-113°F)

ORDERING GUIDE

MODEL	COLOR TEMPERATURE(CCT)	VOLTAGE	BODY FINISH	BEAM ANGLE
MCT LN120	27K -2700K 30K -3000K 35K -3500K 40K -4000K	24V	BK -Black WT -White	120°

MCT Track

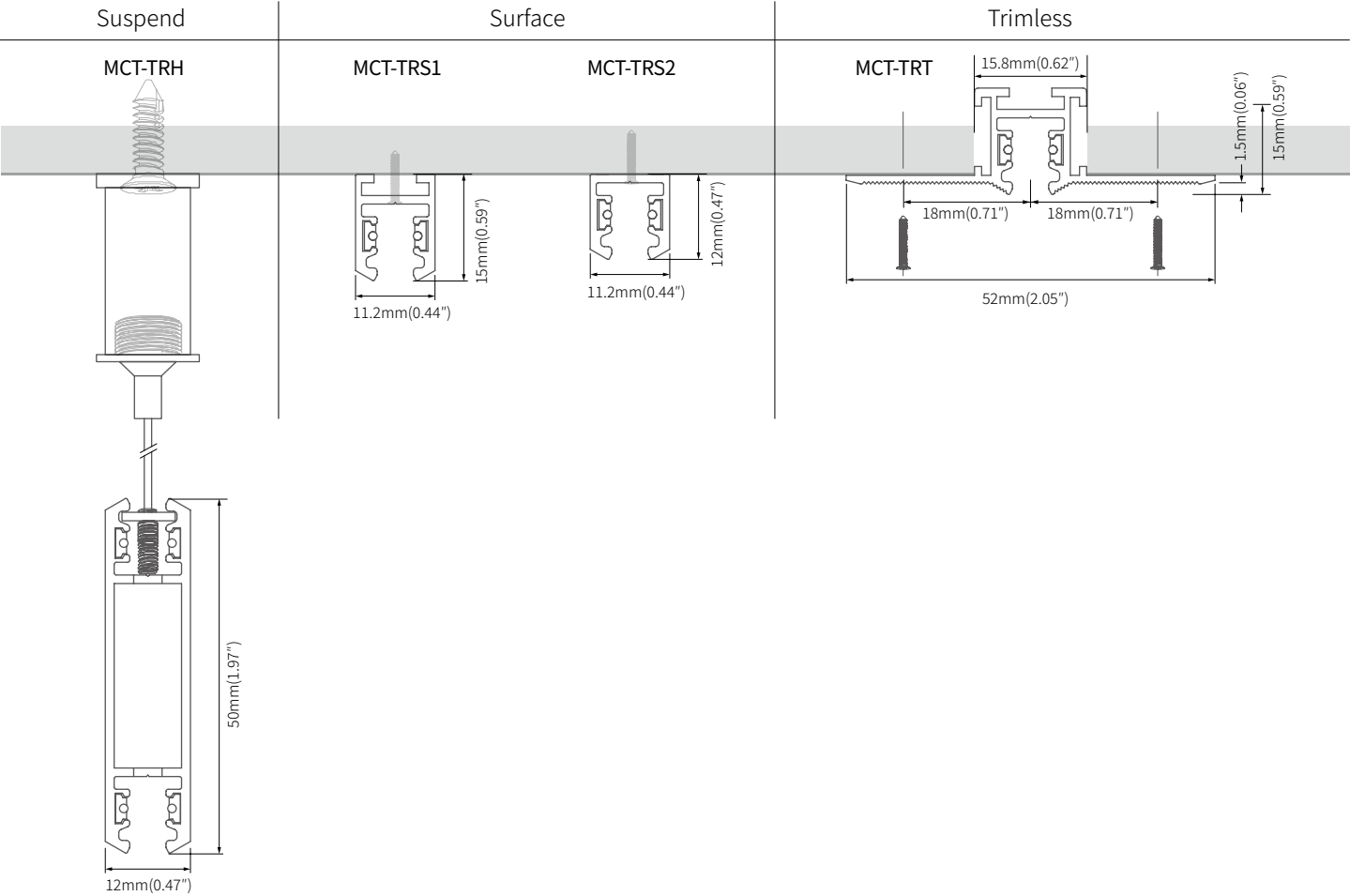


MODEL	Body Finish	Length
MCT-TRS1	BK Black	1,000mm(39.37")
MCT-TRS2	BK Black	1,500mm(59.06")
MCT-TRT	WT White	2,000mm(78.74")
MCT-TRH		

ORDERING GUIDE

MODEL	BODY FINISH	LENGTH
MCT-TRS1 MCT-TRS2 MCT-TRT MCT-TRH	BK -Black WT -White	1,000mm (39.37") 1,500mm (59.06") 2,000mm (78.74")

DIMENSION



COMPONENTS



Power Connector
__MCTPC-BK(1,500mm)
__MCTPC-WT(1,500mm)



Flexible Connector
__MCTPTC-BK(178mm)
__MCTPTC-WT(178mm)



Suspension Power Kit for TRP Track
__MCT-SK-BRACKET / MCTAVE



LED Driver
__FLC200-24V/T
__FLC100-24V/T



Joint Bracket for TRS, TRT, TRH
__MCT-JOINT-BK



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



Corner In Connector Track
__MCT-TRS-CI



Corner Out Connector Track
__MCT-TRS-CO-BK



Corner In Connector Track
__MCT-TRS-90-BL



Corner In Connector Track
__MCT-TRT-CI



Corner Out Connector Track
__MCT-TRT-CO-BK



Corner In Connector Track
__MCT-TRT-90-BL