

DATE _____

PROJECT _____

LOCATION _____

TYPE _____



MCT Track System

Micro-Profile Low Voltage Track System

PRODUCT FEATURES

- Ultra slim Spot, Linear fixtures with power track
- Safe with constant voltage DC 24V
- Fully Flush Recessed Linear with surface and trimless track
- Miniature design
- Rotatable head
- Various beam angles
- Dimmable

PRODUCT SPECIFICATIONS

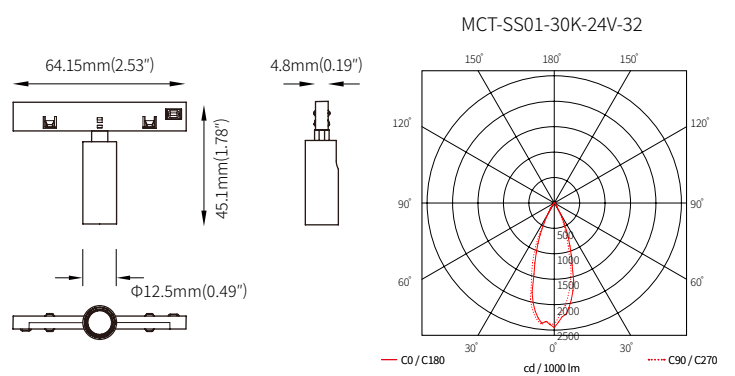
- Voltage : DC 24V
- Operating Temperature : 0-45°C(32-113°F)
- Lamp Life : 50,000 hrs / 70%
- Finishes : Black
- Color Rendering : CRI > 90

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)K-24V	DC 24V	1.4 W	78.1 lm	55.8 lm/W	CRI > 90	2700K/3000K/3500K/4000K	18°/ 32°/ 46°	0-45°C (32-113°F)
MCT SS03 (color)K-24V		2.8 W	135.1 lm	48.2 lm/W			20°/ 30°/36°	
MCT SS05 (color)K-24V		4.8 W	316.9 lm	66 lm/W			25°/ 40°/50°	
MCT LN30 (color)K-24V	DC 24V	3.7 W	127 lm	34.3 lm/W	CRI > 90	2700K/3000K/3500K/4000K	118°	0-45°C (32-113°F)
MCT LN60 (color)K24V		6.6 W	216 lm	33 lm/W				
MCT LN90 (color)K-24V		9.4 W	295 lm	31.4 lm/W				
MCT LN120 (color)K-24V		11 W	361 lm	32.8 lm/W				
MCT LS20 (color)K-24V	DC 24V	10 W	462.2 lm	46.2 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	0-45°C (32-113°F)
MCT LS30 (color)K-24V		15 W	689 lm	45.9 lm/W				

MCT-SS01

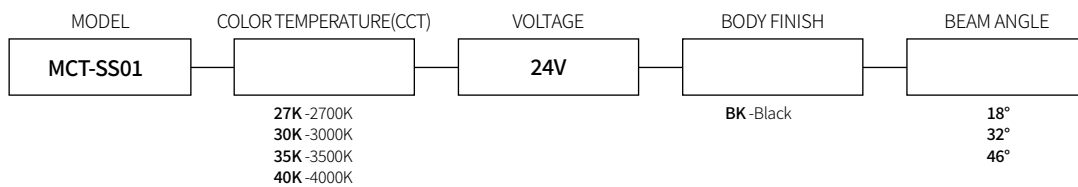


3000K performance data given. Refer to individual luminaire IES files for other CCTs.

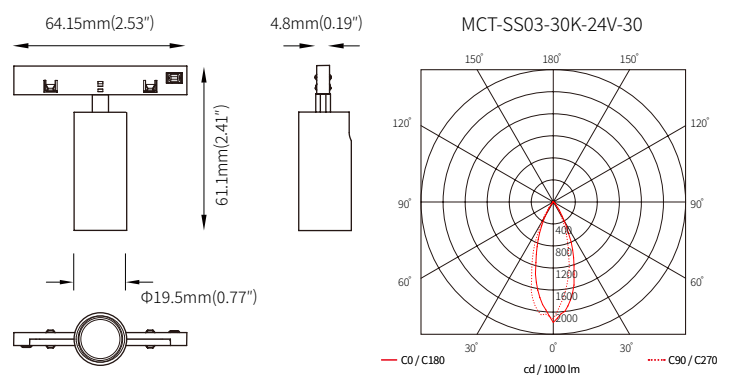
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Weight of Luminaire	Operating Temperature
MCT SS01 (color)K-24V	DC 24V	1.4 W	78.1 lm	55.8 lm/W	CRI > 90	2700K/3000K/3500K/4000K	18°/ 32°/ 46°	10 g	0-45°C (32-113°F)

*Based on 3000K

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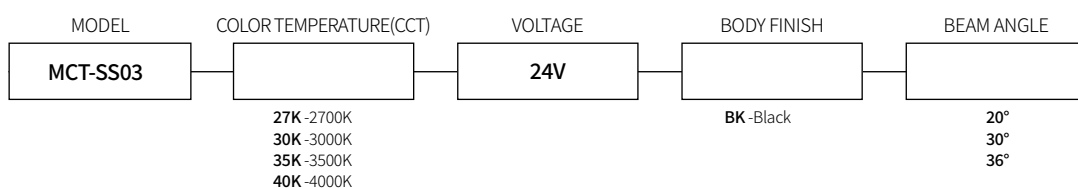
MCT-SS03



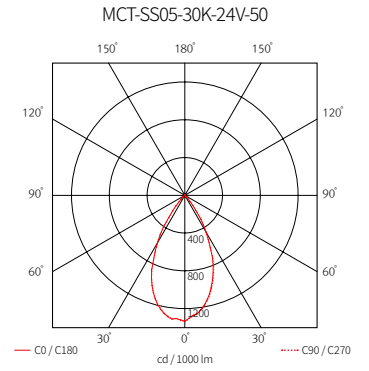
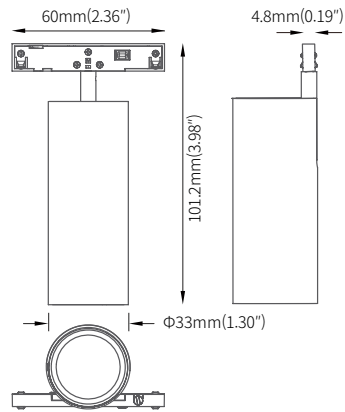
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

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)K-24V	DC 24V	2.8 W	135.1 lm	48.2 lm/W	CRI > 90	2700K/3000K/3500K/4000K	20°/ 30°/ 36°	25 g	0-45°C (32-113°F)

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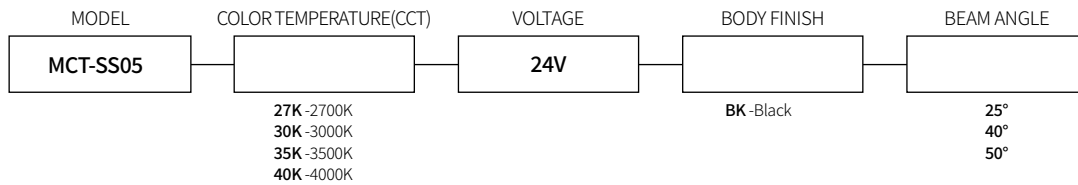
MCT-SS05



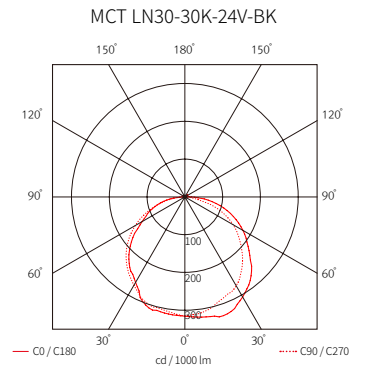
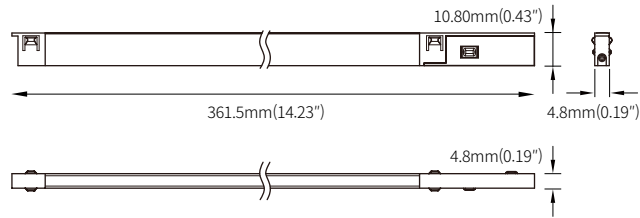
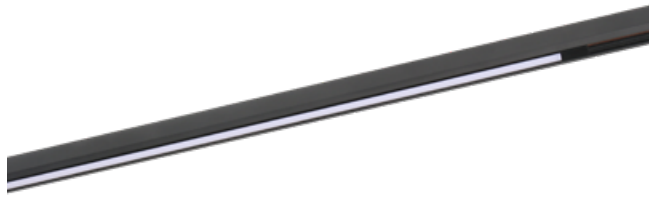
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

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)K-24V	DC 24V	4.8 W	316.9 lm	66 lm/W	CRI > 90	2700K/3000K/3500K/4000K	25°/40°/50°	115 g	0-45°C (32-113°F)

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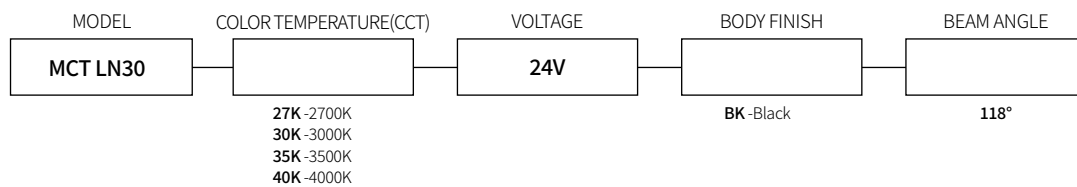
MCT-LN30



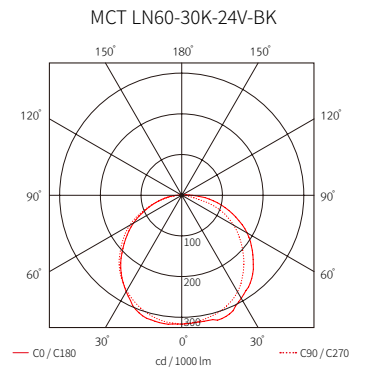
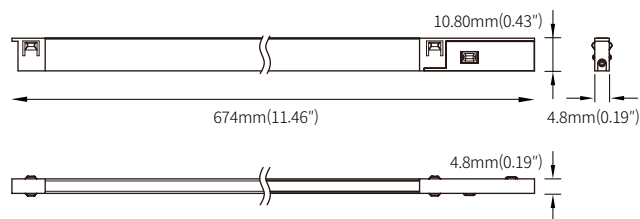
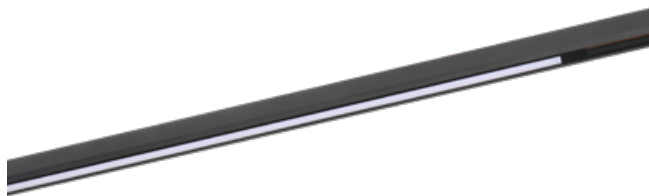
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Operating Temperature
MCT LN30 (color)K-24V	DC 24V	3.7 W	127 lm	34.3 lm/W	CRI > 90	2700K/3000K/3500K/4000K	118°	0-45°C (32-113°F)

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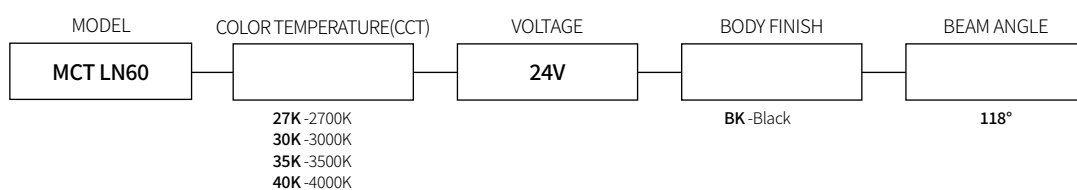
MCT-LN60



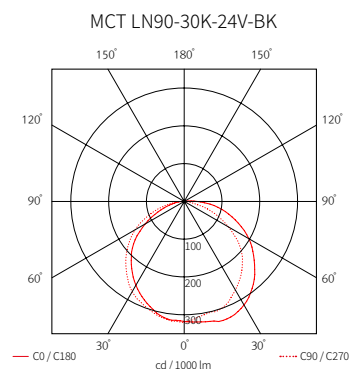
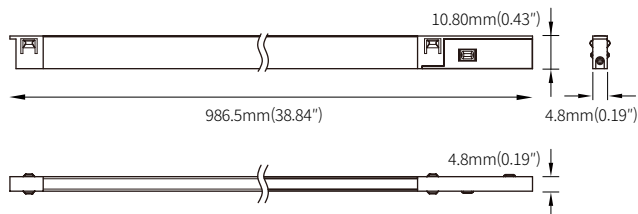
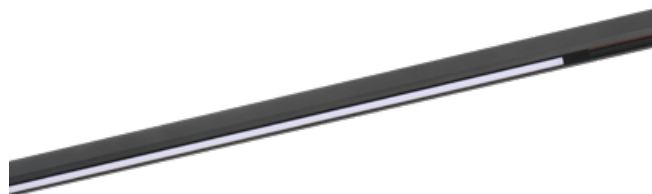
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Operating Temperature
MCT LN60 (color)K-24V	DC 24V	6.6 W	216 lm	33 lm/W	CRI > 90	2700K/3000K/3500K/4000K	118°	0-45°C (32-113°F)

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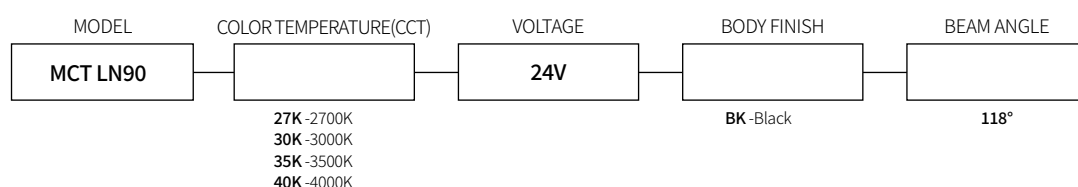
MCT-LN90



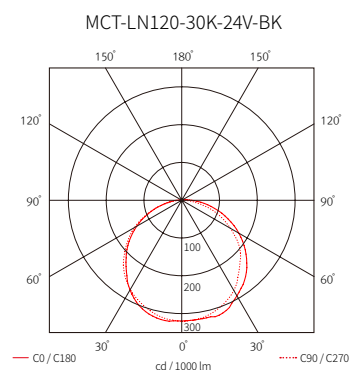
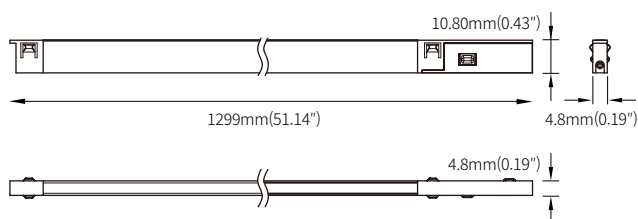
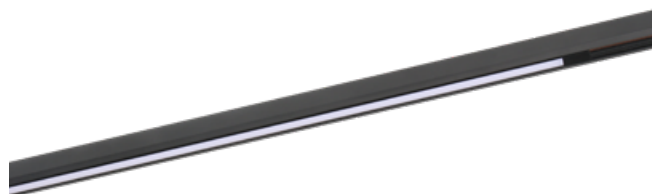
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Operating Temperature
MCT LN90 (color)K-24V	DC 24V	9.4 W	295 lm	31.4 lm/W	CRI > 90	2700K/3000K/3500K/4000K	118°	0-45°C (32-113°F)

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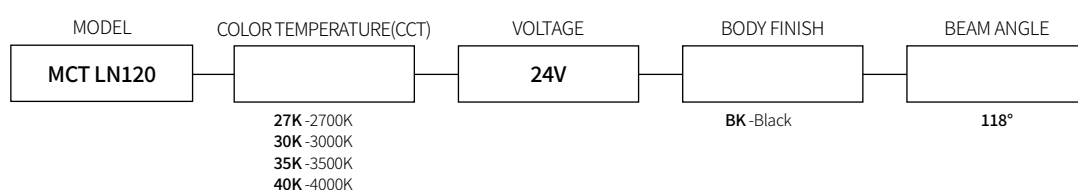
MCT-LN120



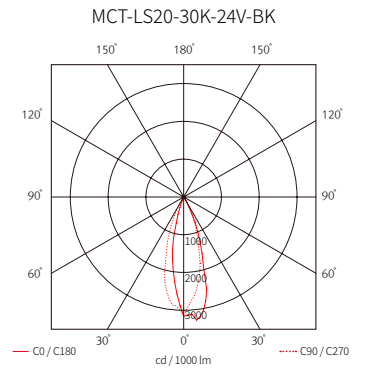
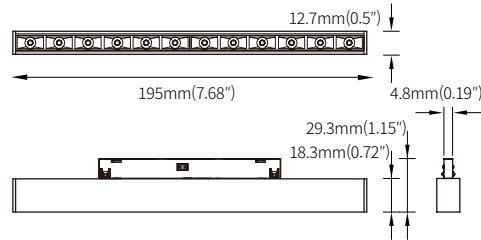
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Operating Temperature
MCT LN120 (color)K-24V	DC 24V	11 W	361 lm	32.8 lm/W	CRI > 90	2700K/3000K/3500K/4000K	118°	0-45°C (32-113°F)

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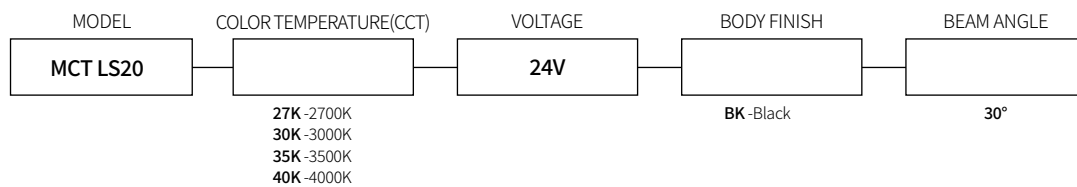
MCT-LS20



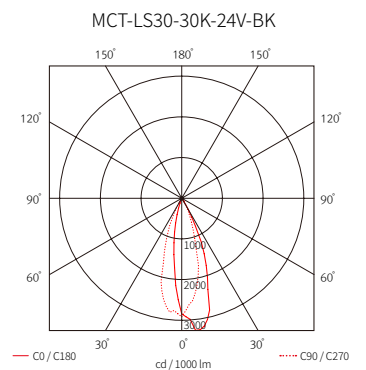
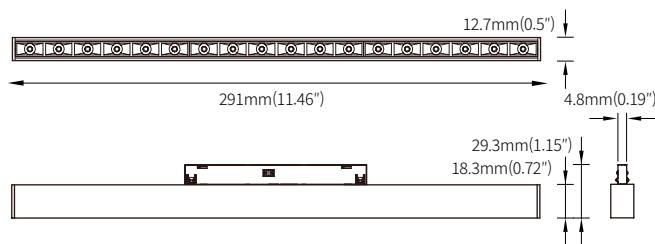
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature (CCT)	Beam Angle	Operating Temperature
MCT LS20 (color)K-24V	DC 24V	10 W	462.2 lm	46.2 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	0-45°C (32-113°F)

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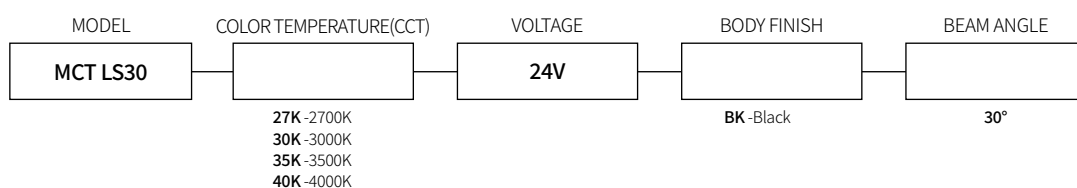
MCT-LS30



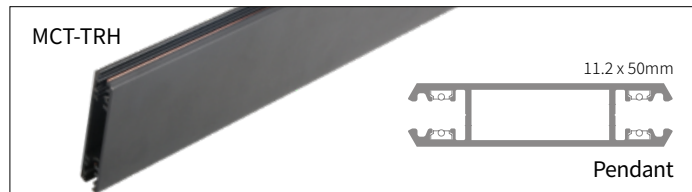
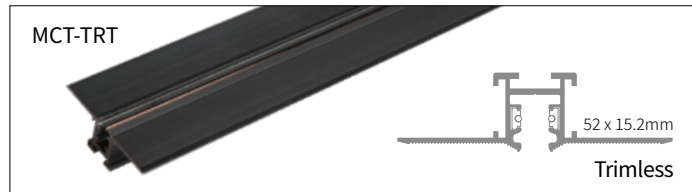
3000K performance data given. Refer to individual luminaire IES files for other CCTs.

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)K-24V	DC 24V	15 W	689 lm	45.9 lm/W	CRI > 90	2700K/3000K/3500K/4000K	30°	197g (0.43lb)	0-45°C (32-113°F)

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MCT Track

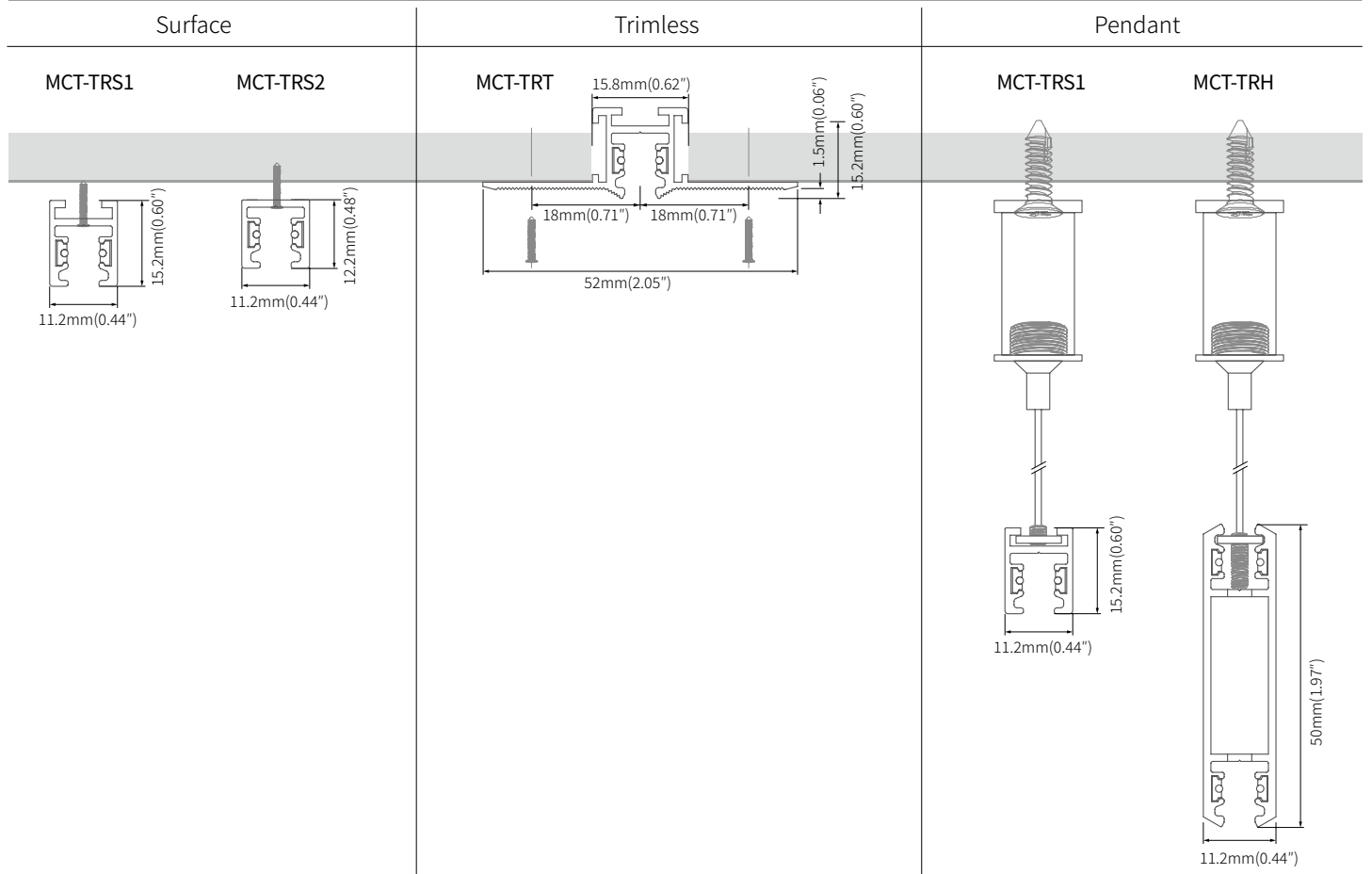


MODEL	Body Finish	Length
MCT-TRS1	Black	1,200mm (47.24") 1,500mm (59.06") 2,400mm (94.49")
MCT-TRS2		
MCT-TRT		
MCT-TRH		

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MODEL	BODY FINISH	LENGTH
MCT-TRS1 MCT-TRS2 MCT-TRT MCT-TRH	BK-Black	1,200mm (47.24") 1,500mm (59.06") 2,400mm (94.49")

DIMENSION



COMPONENTS



Power Connector
__MCTPC-BK(1,500mm)



Flexible Connector
__MCTPTC-BK(178mm)



Suspension Bracket
__MCT-SK-BRACKET-BK



Suspension Power Kit
__MCT-SK-POWER-BK



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



Corner In Connector Track
__MCT-TRS-CI
Non conductive



Corner Out Connector Track
__MCT-TRS-CO-BK
Non conductive



Corner 90° Connector Track
__MCT-TRS-90-BK
Non conductive



Corner In Connector Track
__MCT-TRT-CI
Non conductive



Corner Out Connector Track
__MCT-TRT-CO-BK
Non conductive



Corner 90° Connector Track
__MCT-TRT-90-BK
Non conductive



Dimming Interface (0-10V)
__FDC-L10 *
Max. 100W (100W/CH, 1CH)



Control Interface (DALI)
__FDD-L1DA
Max. 200W (100W/CH, 1CH)



Dimming Interface
__FDA-L2MO
(0-10V/1-10V, DMX512)
Max. 200W (100W/CH, 2CH)
__FDA-L5M (DMX512)
Max. 200W (50W/CH, 5CH)



Dimming Interface (CASAMBI, Bluetooth)
__FDD-L2B(Max, 200W)



Dimming Interface (0-10V/1-10V)
__FDD-L20



Dimming Interface (Zigbee)
__FDD-L2Z



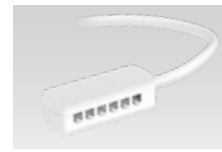
Wireless Control (Zigbee Switch)
__FSM-Z1



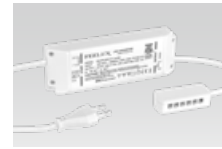
Door and motion sensor
__FLS-M24V



Occupancy sensor
__FLS-P24V



12 Port Hub
__D12P-HUB
Included with Cord and Plug drivers. Order separately for Hard Wire or 3rd Party Drivers



LED Drivers
__FLC30-24V/T (30W)
__FLC75-24V/T (75W)
with distributor and power cord (1,800mm)



LED Driver
__FLC200-24V/T (200W)
with 12way distributor