



MonoRail 2

Modular Low Voltage Rail System for Flexibility and Creativity



DATE

PROJECT

TYPE

FEELUX



PRODUCT FEATURES

- High-end slim linear LED with Spot-free illumination
- Optional Mini Spotlight available with or without Dimming Touch Sensor
- Easy installation with Magnetic rail system
- Surface, Recessed and Pendant mount track options
- Optional illuminated power feed
- Dimmable

PRODUCT SPECIFICATIONS

- Voltage: DC 24V
- Operating Temperature: 32-113°F (0-45°C)
- Lamp Life: 50,000 hrs / 70%
- Available CCTs: 2700K, 3000K, 3500K, 4000K
- Color Rendering Index: CRI > 90
- Finishes: Black, White
- Dimming : Forward/Reverse Phase, 0-10V (with interface)
- 5 year Warranty

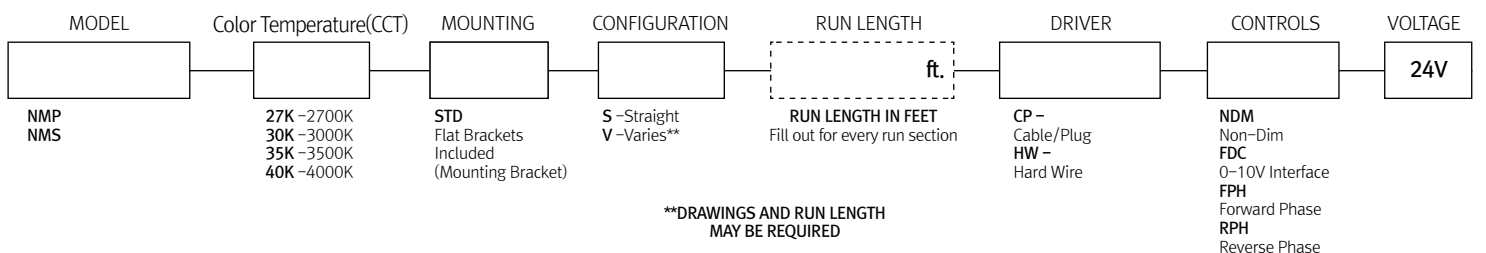
SPECIFICATION

Performance data shown below for 4000K 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
NMP3 (color)-24V-C90	DC 24V	2.6 W	178.7 lm	69.6 lm/W	CRI > 90	2700K/3000K/3500K/4000K	125°	32-113°F
NMP4 (color)-24V-C90	DC 24V	3.8 W	264.6 lm	68.9 lm/W	CRI > 90	2700K/3000K/3500K/4000K	125°	32-113°F
NMP8 (color)-24V-C90	DC 24V	7.7 W	540.1 lm	70.6 lm/W	CRI > 90	2700K/3000K/3500K/4000K	125°	32-113°F
NMS3 (color)-24V-C90	DC 24V	2.6 W	259.6 lm	100.2 lm/W	CRI > 90	2700K/3000K/3500K/4000K	28°, 40°, 50°	32-113°F
NMS3 (color)-24V-C90-T	DC 24V	2.6 W	259.6 lm	100.2 lm/W	CRI > 90	2700K/3000K/3500K/4000K	28°, 40°, 50°	32-113°F
NMP3 (color)-24V-C90-L134P	DC 24V	2.9 W	211.4 lm	72.8 lm/W	CRI > 90	2700K/3000K/3500K/4000K	125°	32-113°F
NMP5 (color)-24V-C90-CI	DC 24V	5.1 W	305.7 lm	60.1 lm/W	CRI > 90	2700K/3000K/3500K/4000K	-	32-113°F
NMP5 (color)-24V-C90-90	DC 24V	5.1 W	348.8 lm	68.9 lm/W	CRI > 90	2700K/3000K/3500K/4000K	-	32-113°F

SPECIFICATION GUIDE

NOT TO BE USED FOR ORDERING. The Specification Guide is intended solely to ensure that all options are considered.



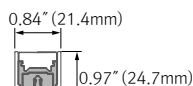
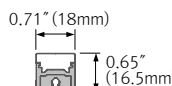
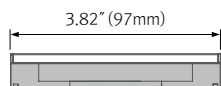
MonoRail 2 3W



MonoRail 2 3W Length (97mm)

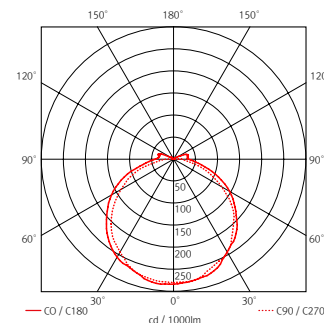
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature(CCT)	Beam Angle	Operating Temperature
NMP3 (color)-24V-C90	DC 24V	2.6 W	178.7 lm	69.6 lm/W	CRI > 90	2700K/3000K/3500K/4000K	125°	32-113°F

Performance data shown above for 4000K CCT. Refer to individual luminaire IES files for other CCT options.



With NMR-EXS

NMP3 40K-24V-C90
178.7lm, 69.6lm/W



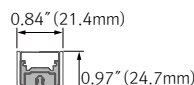
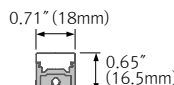
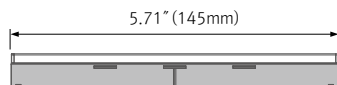
MonoRail 2 4W



MonoRail 2 4W Length (145mm)

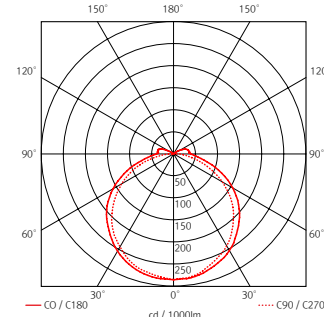
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature(CCT)	Beam Angle	Operating Temperature
NMP4 (color)-24V-C90	DC 24V	3.8 W	264.6 lm	68.9 lm/W	CRI > 90	2700K/3000K/3500K/4000K	125°	32-113°F

Performance data shown above for 4000K CCT. Refer to individual luminaire IES files for other CCT options.



With NMR-EXS

NMP4 40K-24V-C90
264.6lm, 68.9lm/W



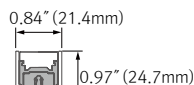
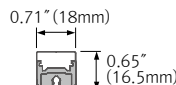
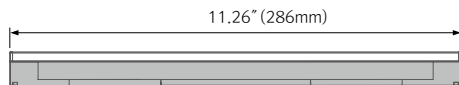
MonoRail 2 8W



MonoRail 2 8W Length (286mm)

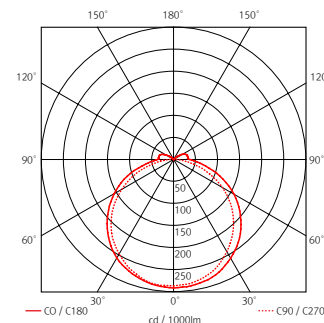
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature(CCT)	Beam Angle	Operating Temperature
NMP8 (color)-24V-C90	DC 24V	7.7 W	540.1 lm	70.6 lm/W	CRI > 90	2700K/3000K/3500K/4000K	125°	32-113°F

Performance data shown above for 4000K CCT. Refer to individual luminaire IES files for other CCT options.



With NMR-EXS

NMP8 40K-24V-C90
540.1lm, 70.6lm/W

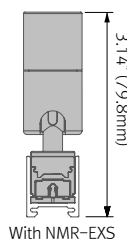
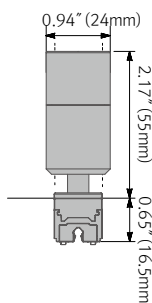
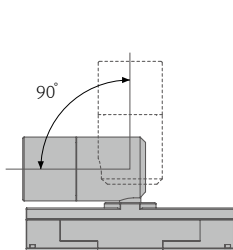
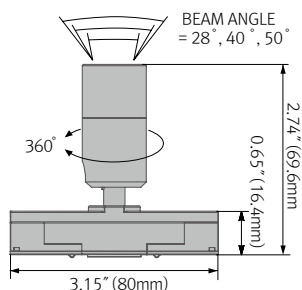


MonoRail 2 Spot 3W

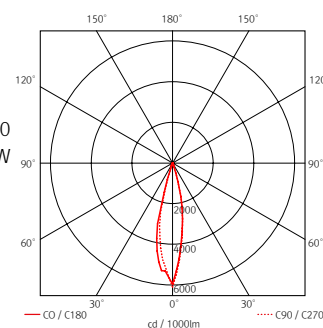


Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature(CCT)	Beam Angle	Operating Temperature
NMS3 (color)-24V-C90	DC 24V	2.6 W	259.6 lm	100.2 lm/W	CRI > 90	2700K/3000K/3500K/4000K	28°, 40°, 50°	32-113°F
NMS3 (color)-24V-C90-T	DC 24V	2.6 W	259.6 lm	100.2 lm/W	CRI > 90	2700K/3000K/3500K/4000K	28°, 40°, 50°	32-113°F

Performance data shown above for 4000K CCT. Refer to individual luminaire IES files for other CCT options.



NMS3 40K-24V-C90
259.6lm, 100.2lm/W



Beam angle	MonoRail 2 Spot		MonoRail 2 Spot (Touch Dimming)	
	Black	White	Black	White
28°	NMS3 (color)-24V-C90-BK-28	NMS3 (color)-24V-C90-WT-28	NMS3 (color)-24V-C90-T-BK-28	NMS3 (color)-24V-C90-T-WT-28
40°	NMS3 (color)-24V-C90-BK-40	NMS3 (color)-24V-C90-WT-40	NMS3 (color)-24V-C90-T-BK-40	NMS3 (color)-24V-C90-T-WT-40
50°	NMS3 (color)-24V-C90-BK-50	NMS3 (color)-24V-C90-WT-50	NMS3 (color)-24V-C90-T-BK-50	NMS3 (color)-24V-C90-T-WT-50

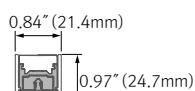
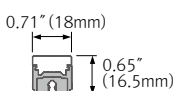
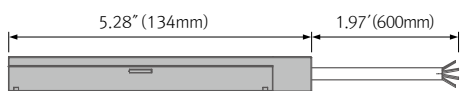
MonoRail 2 3W-L134P



MonoRail 2 3W Length (134mm)

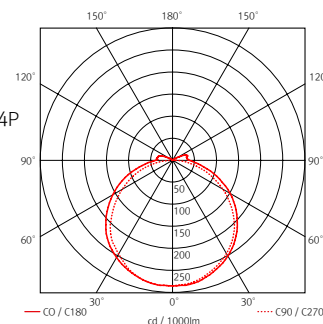
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature(CCT)	Beam Angle	Operating Temperature
NMP3 (color)-24V-C90-L134P	DC 24V	2.9 W	211.4 lm	72.8 lm/W	CRI > 90	2700K/3000K/3500K/4000K	125°	32-113°F

Performance data shown above for 4000K CCT. Refer to individual luminaire IES files for other CCT options.



With NMR-EXS

NMP3 40K-24V-C90-L134P
259.6lm, 100.2lm/W

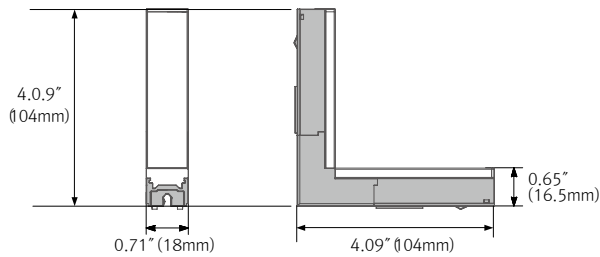


MonoRail 2 5W Corner In

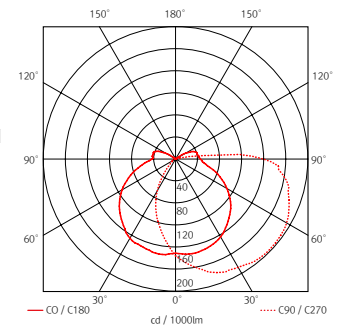


Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature(CCT)	Beam Angle	Operating Temperature
NMP5 (color)-24V-C90-CI	DC 24V	5.1 W	305.7 lm	60.1 lm/W	CRI > 90	2700K/3000K/3500K/4000K	–	32–113°F

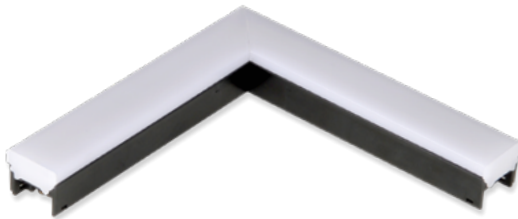
Performance data shown above for 4000K CCT. Refer to individual luminaire IES files for other CCT options.



NMP5 40K-24V-C90-CI
305.7lm, 60.1lm/W

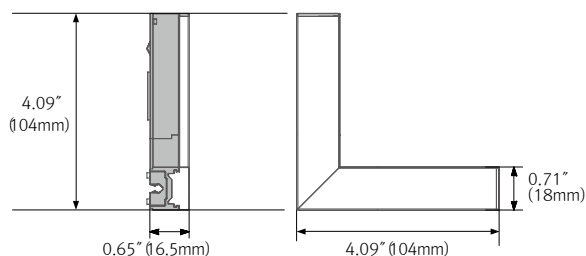


MonoRail 2 5W 90 Degree

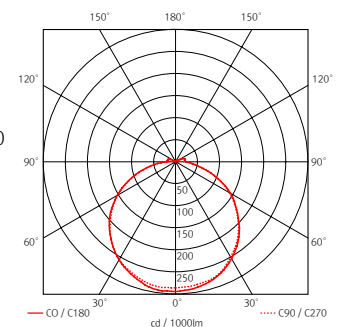


Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature(CCT)	Beam Angle	Operating Temperature
NMP5 (color)-24V-C90-90	DC 24V	5.1 W	348.8 lm	68.9 lm/W	CRI > 90	2700K/3000K/3500K/4000K	–	32–113°F

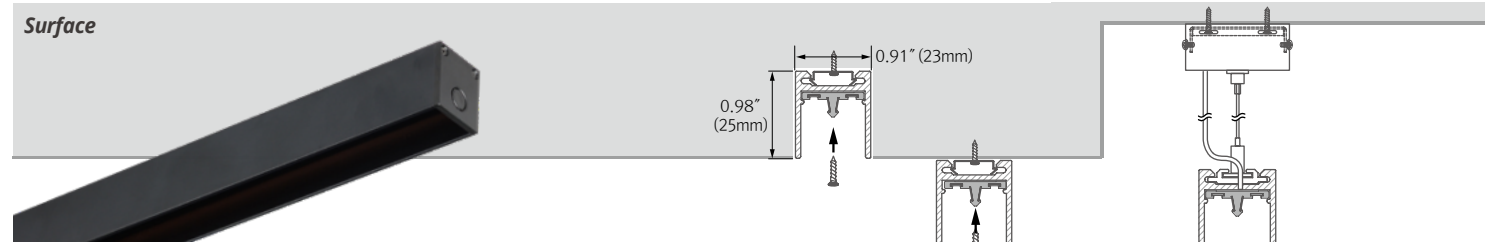
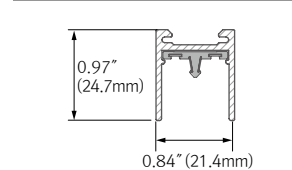
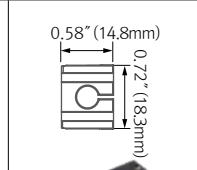
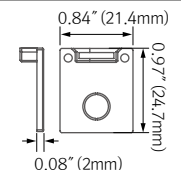
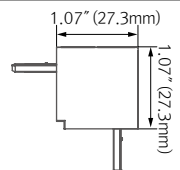
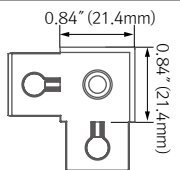
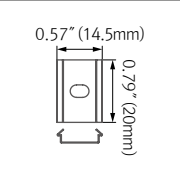
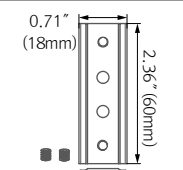
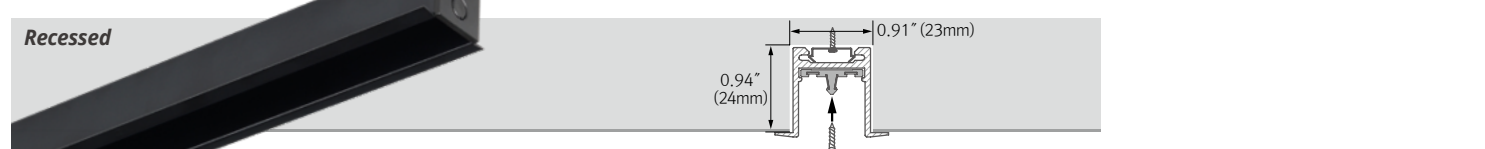
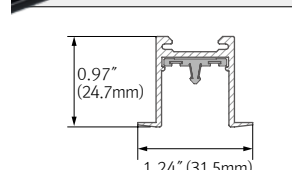
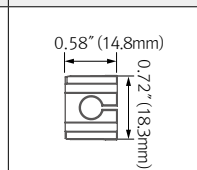
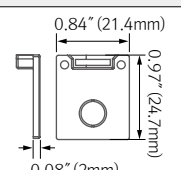
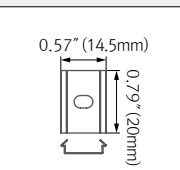
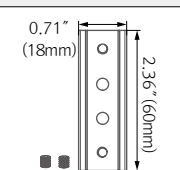
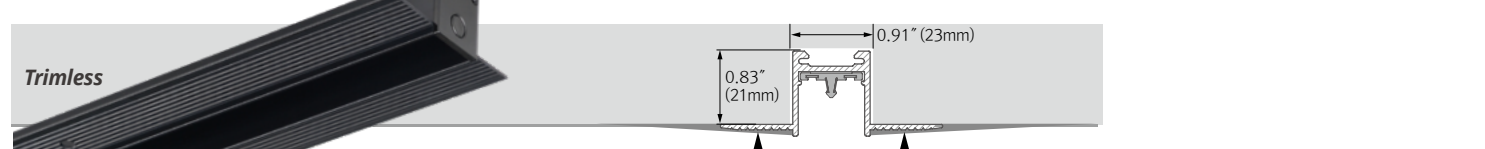
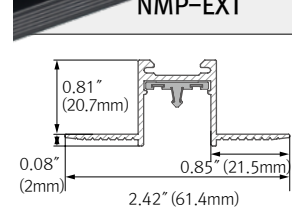
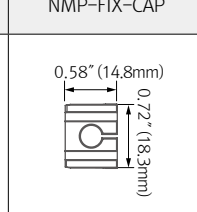
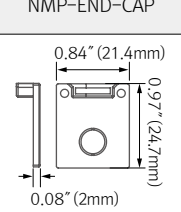
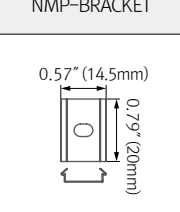
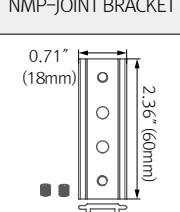
Performance data shown above for 4000K CCT. Refer to individual luminaire IES files for other CCT options.



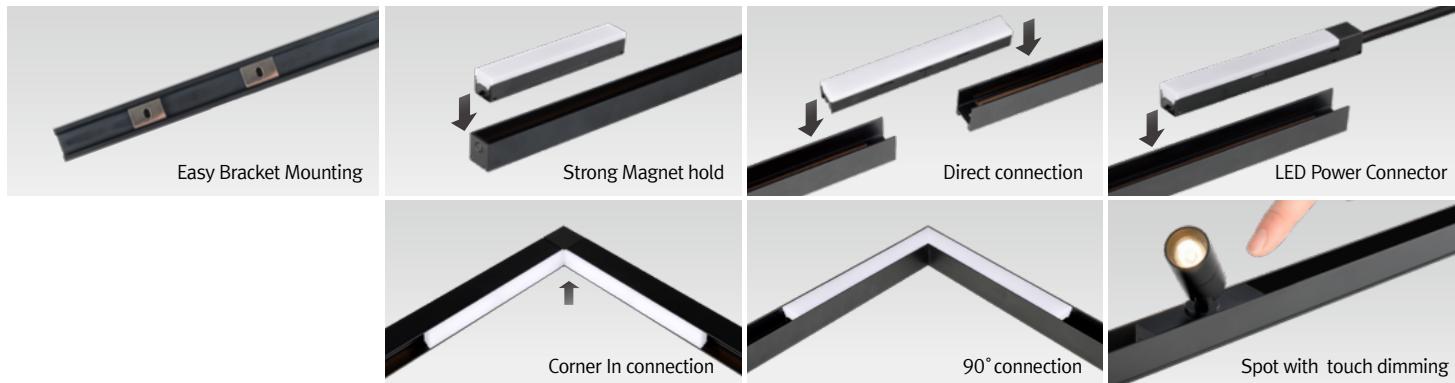
NMP5 40K-24V-C90-90
348.8lm, 68.9lm/W



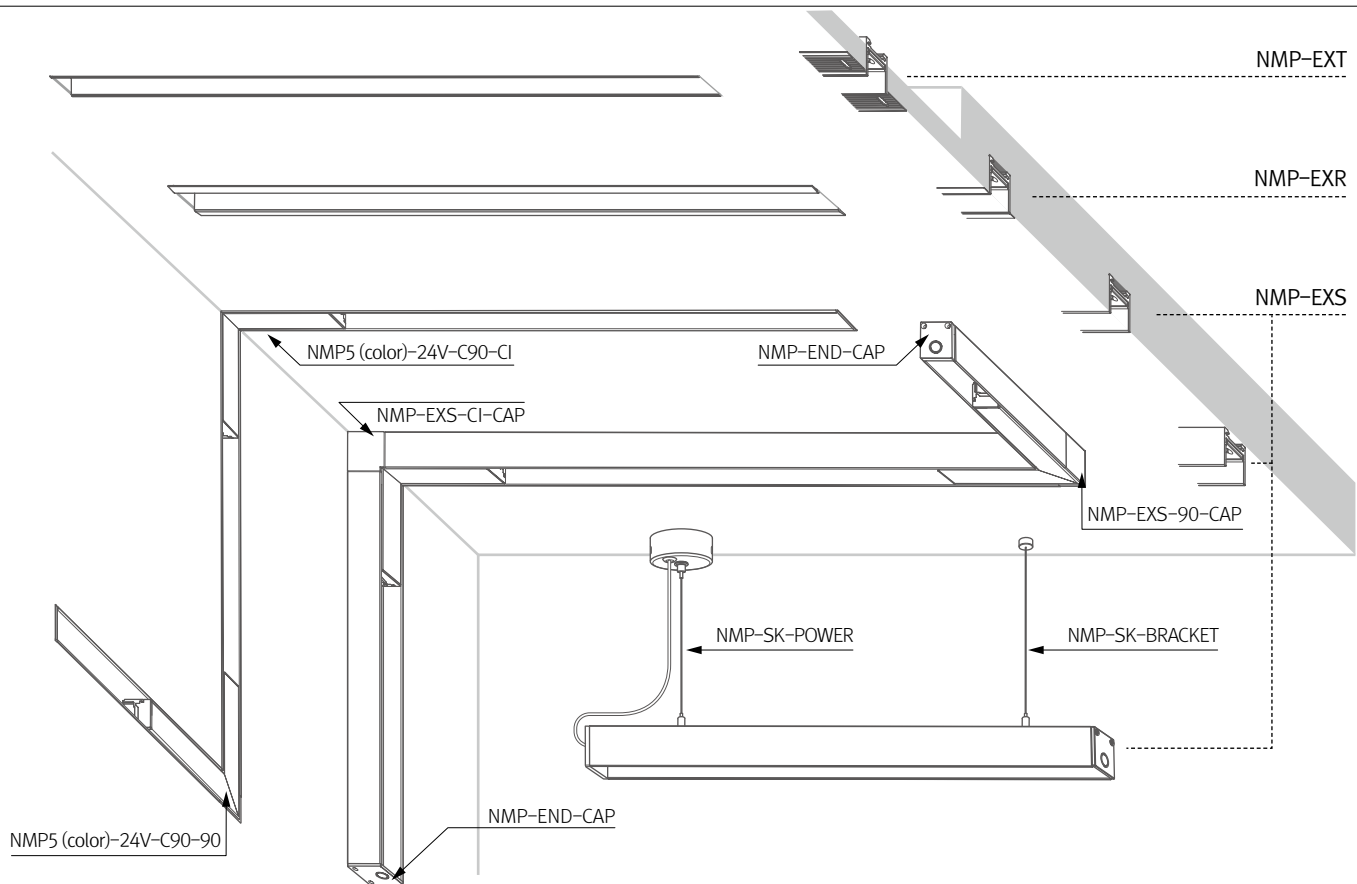
Extrusion Type

Surface						
						
NMP-EXS	NMP-FIX-CAP	NMP-END-CAP	NMP-EXS-CI-CAP	NMP-EXS-90-CAP	NMP-BRACKET	NMP-JOINT BRACKET
						
Recessed						
						
NMP-EXR	NMP-FIX-CAP	NMP-END-CAP	NMP-BRACKET	NMP-JOINT BRACKET		
						
Trimless						
						
NMP-EXT	NMP-FIX-CAP	NMP-END-CAP	NMP-BRACKET	NMP-JOINT BRACKET		
						

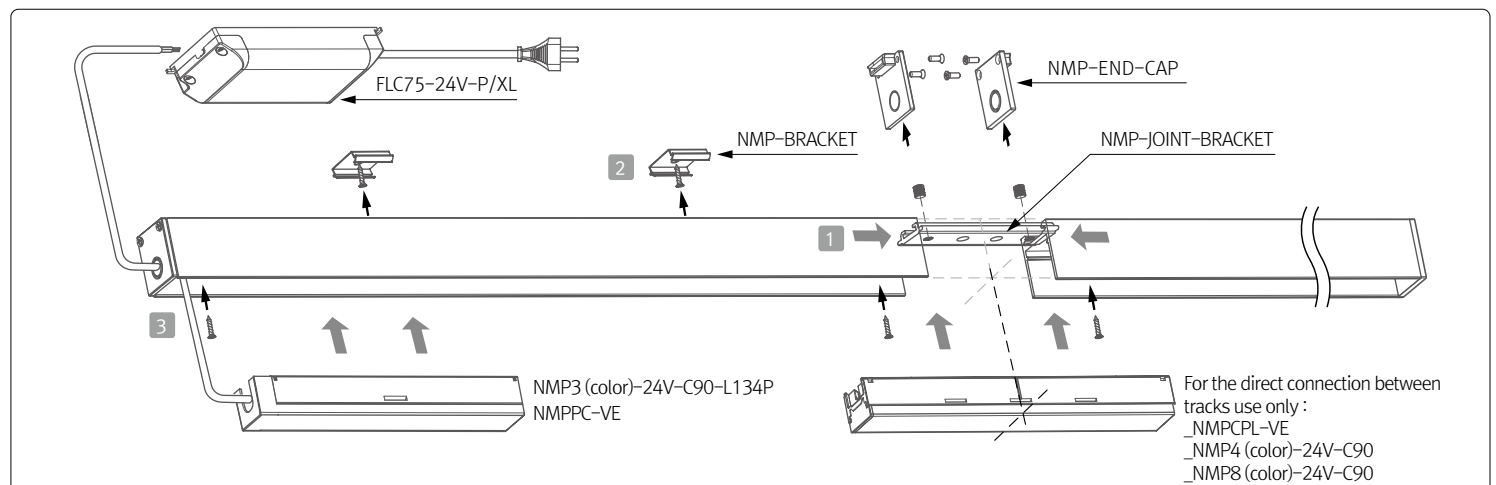
Various options



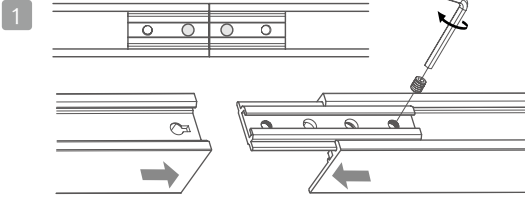
Installation



Extrusion length	Cutting extrusions
1.97' (600mm), 3.94' (1200mm), 7.87' (2400mm)	Keep this array: NMP-FIX-CAP / Rail/ NMP-FIX-CAP (Rail length+1.18" (30mm) = Track length)

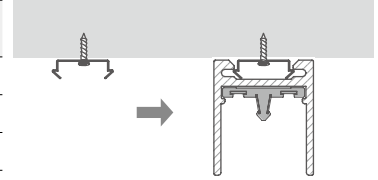


Installation (continued)

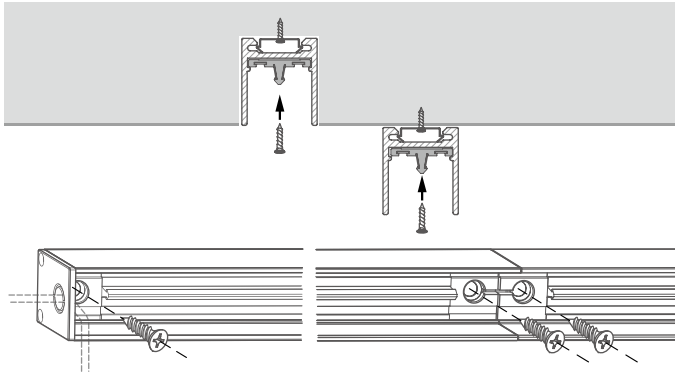


2 NMP-EXS,EXR-Bracket

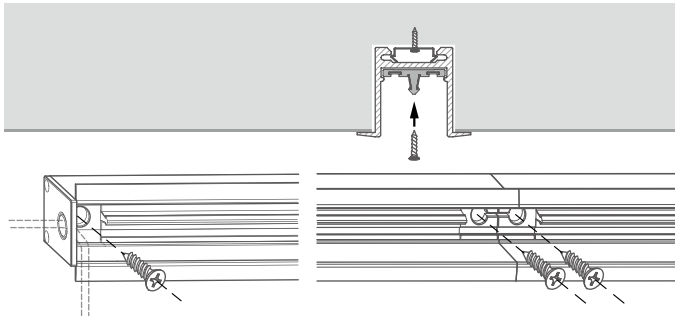
Extrusion	Bracket quantity	Bracket interval
1.97' (600mm)	0EA	-
3.94' (1200mm)	2EA	1.31' (400mm)
7.87' (2400mm)	5EA	1.31' (400mm)



3
NMP-EXS

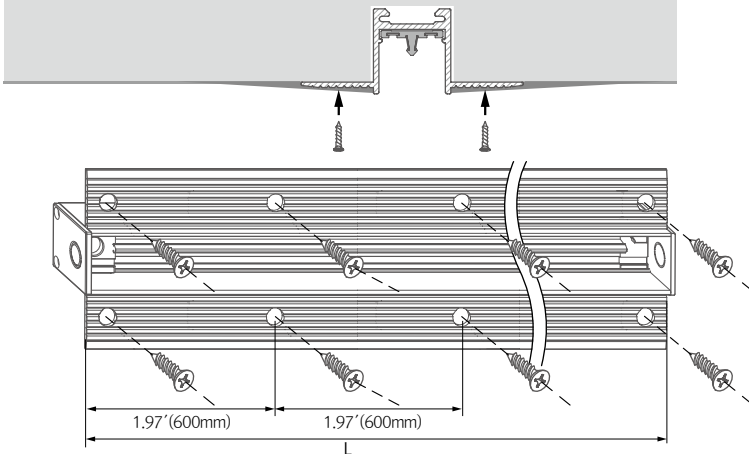


NMP-EXR

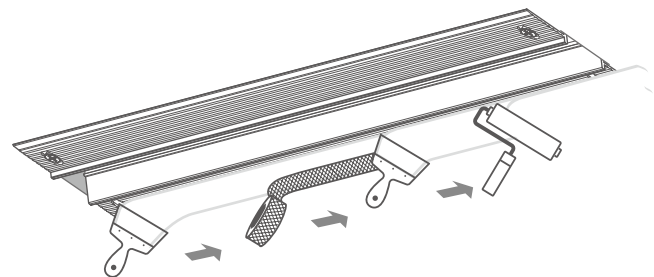
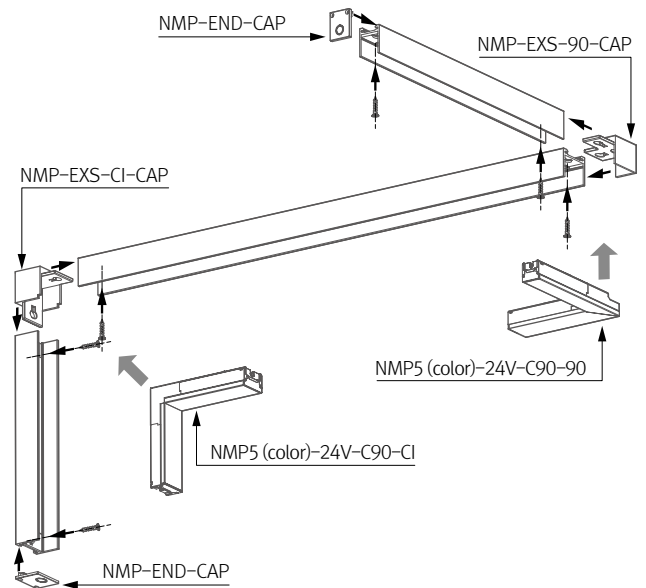


NMP-EXT

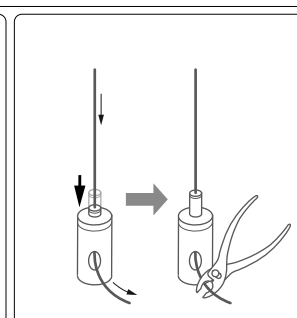
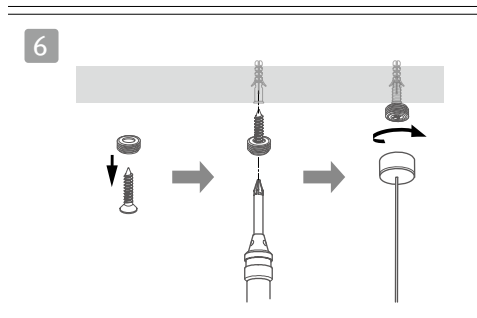
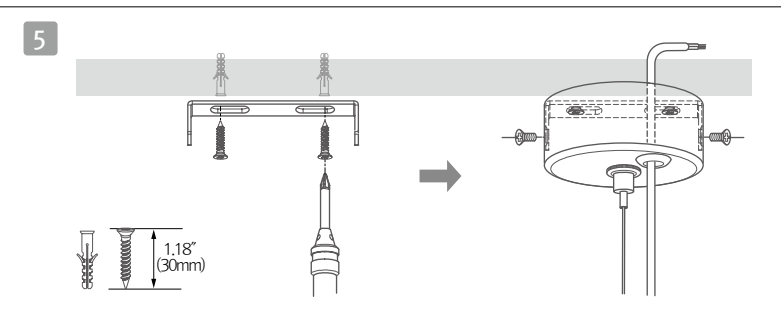
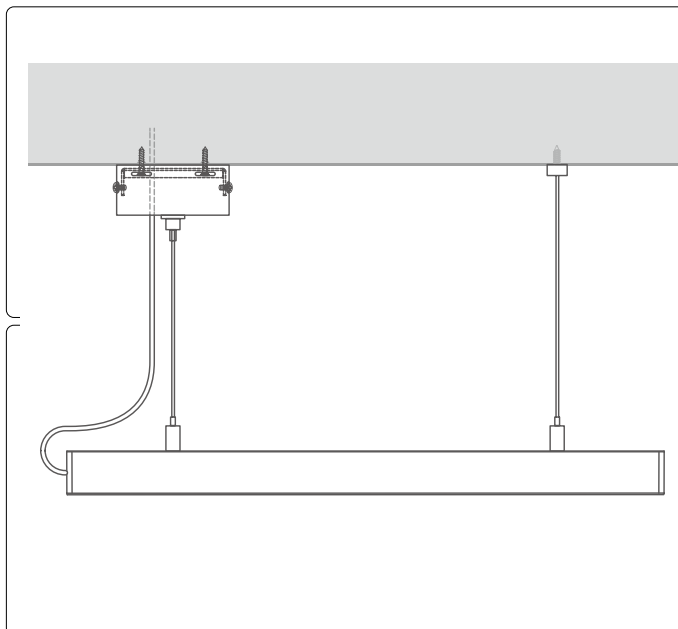
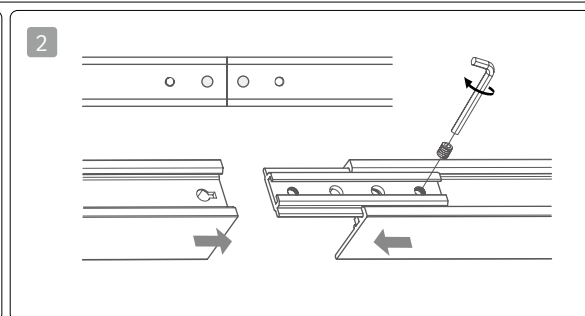
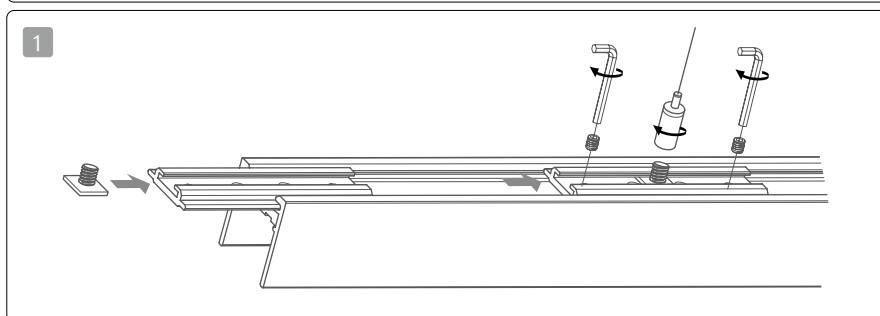
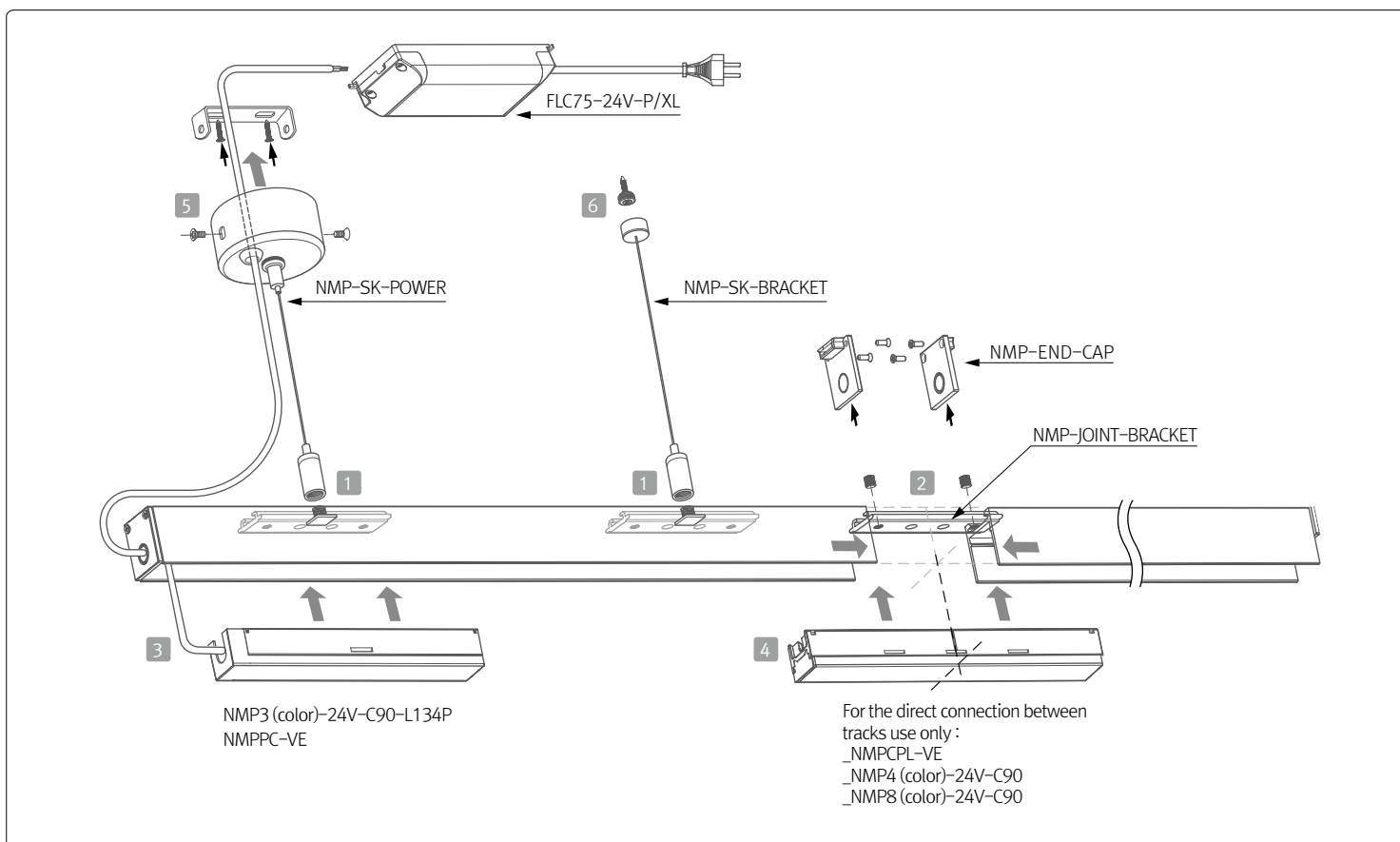
* Brackets are not required



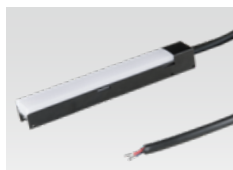
Extrusion(L)	1.97' (600mm)	3.94' (1200mm)	7.87' (2400mm)
Hole Point	2X2EA	3X2EA	5X2EA



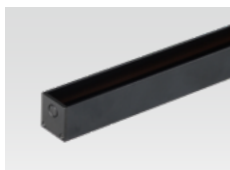
Installation (continued)



COMPONENTS



LED Power Connector
_NMP3(color)-24V-C90-L134P-BK
_NMP3(color)-24V-C90-L134P-WT



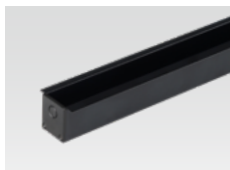
Surface Track
_NMP-EXS-BK
_NMP-EXS-WT



LED Drivers
With distributor and power cord 1800mm(6')
_FLC30-24V/XL
_FLC75-24V-P/XL



Power Connector
_NMPPC-VE-BK
_NMPPC-VE-WT



Recessed Track
_NMP-EXR-BK
_NMP-EXR-WT



12 Port Hub
_D12P-HUB
Included with Cord and Plug drivers. Order separately for Hard Wire or 3rd Party Drivers



Direct Connector
_NMPCPL-VE-BK
_NMPCPL-VE-WT



Trimless Track
_NMP-EXT-BK
_NMP-EXT-WT



Hard Wire Driver
(90V to 300V)
_XLAV80(L)-124V-SSB
_XLD200-224V-FCL-DIM
_XLD75-124V-FC



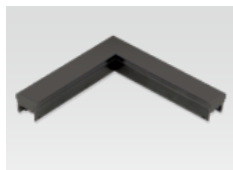
Corner In Connector
_NMPCPL-CI-BK
_NMPCPL-CI-WT



Track Cover
_NMP-TRACK-COVER-BK
_NMP-TRACK-COVER-WT



Door and motion sensor
_FLS-M24V



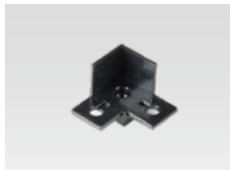
90° Connector
_NMPCPL-90-BK
_NMPCPL-90-WT



Surface Track Corner In Cap
_NMP-EXS-CI-CAP-BK
_NMP-EXS-CI-CAP-WT



Occupancy Sensor
_FLS-P24V



Surface Track 90° Cap
_NMP-EXS-90-CAP-BK
_NMP-EXS-90-CAP-WT



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



Pendent Suspension Power Kit
_NMP-SK-POWER



Fixture Remover
_NMP-REMOVER



Pendent Suspension Bracket
_NMP-SK-BRACKET



Track End Cap
_NMP-END-CAP
Included with Track



Track Joint Bracket
_NMP-JOINT BRACKET



Standard mounting bracket
_NMP-BRACKET1
Included with track