



MonoRail 2

Modular Low Voltage Rail System for Flexibility and Creativity



DATE

FEELUX

PROJECT

TYPE



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: 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°	0-45°C
NMP4 (color)-24V-C90	DC 24V	3.8 W	264.6 lm	68.9 lm/W	CRI > 90	2700K/3000K/3500K/4000K	125°	0-45°C
NMP8 (color)-24V-C90	DC 24V	7.7 W	540.1 lm	70.6 lm/W	CRI > 90	2700K/3000K/3500K/4000K	125°	0-45°C
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°	0-45°C
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°	0-45°C
NMP3 (color)-24V-C90-L134P	DC 24V	2.9 W	211.4 lm	72.8 lm/W	CRI > 90	2700K/3000K/3500K/4000K	125°	0-45°C
NMP5 (color)-24V-C90-CI	DC 24V	5.1 W	305.7 lm	60.1 lm/W	CRI > 90	2700K/3000K/3500K/4000K	-	0-45°C
NMP5 (color)-24V-C90-90	DC 24V	5.1 W	348.8 lm	68.9 lm/W	CRI > 90	2700K/3000K/3500K/4000K	-	0-45°C

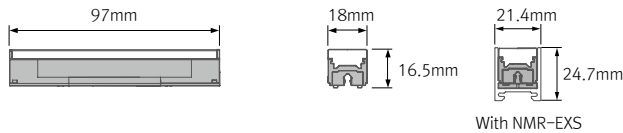
MonoRail 2 3W



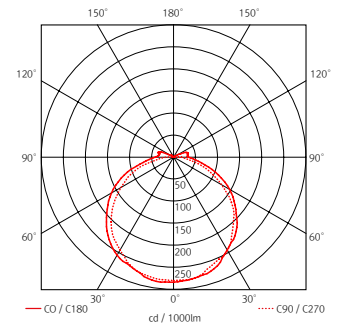
MonoRail 2 3W Length (97mm)

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°	0-45°C

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



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



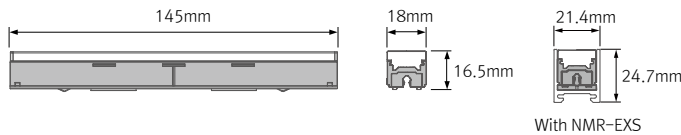
MonoRail 2 4W



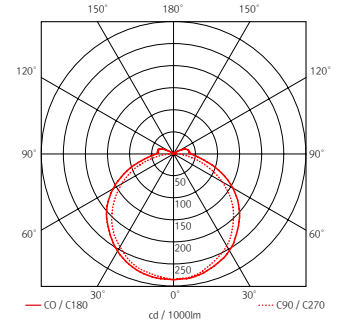
MonoRail 2 4W Length (145mm)

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°	0-45°C

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



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



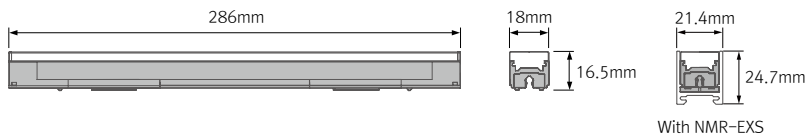
MonoRail 2 8W



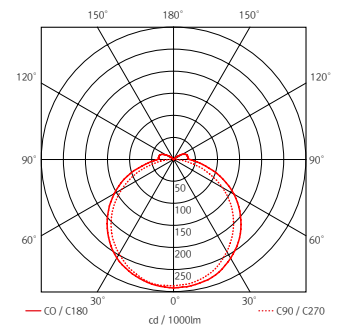
MonoRail 2 8W Length (286mm)

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°	0-45°C

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



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

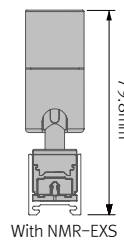
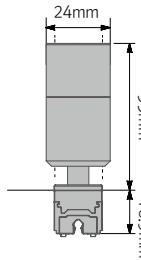
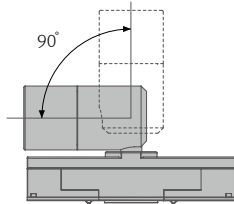
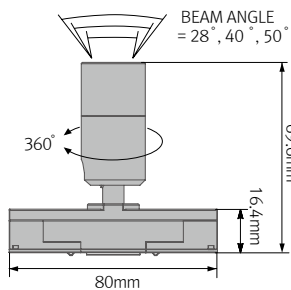


MonoRail 2 Spot 3W

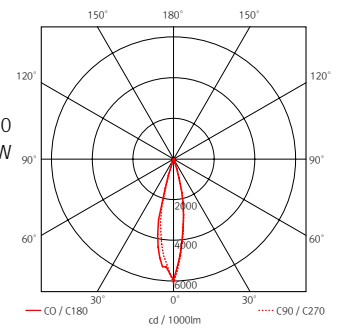


Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature(CCT)	Beam Angle	Operating Temperature
NMS3 (color)-24V-C90	DC 24V	2.6 W	259.6 lm	100.2 lm/W	CRI > 90	2700K/3000K/3500K/4000K	28°, 40°, 50°	0-45°C
NMS3 (color)-24V-C90-T	DC 24V	2.6 W	259.6 lm	100.2 lm/W	CRI > 90	2700K/3000K/3500K/4000K	28°, 40°, 50°	0-45°C

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

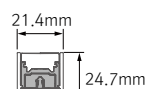
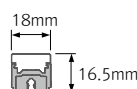
MonoRail 2 3W-L134P



MonoRail 2 3W Length (134mm)

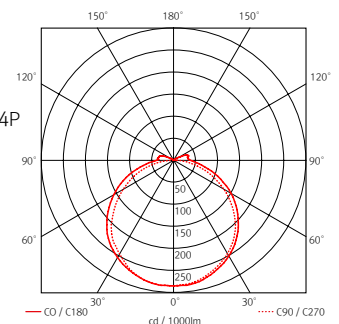
Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature(CCT)	Beam Angle	Operating Temperature
NMP3 (color)-24V-C90-L134P	DC 24V	2.9 W	211.4 lm	72.8 lm/W	CRI > 90	2700K/3000K/3500K/4000K	125°	0-45°C

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

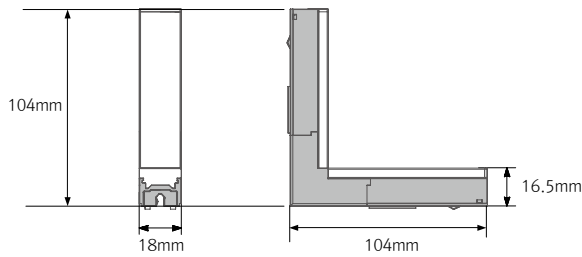


MonoRail 2 5W Corner In

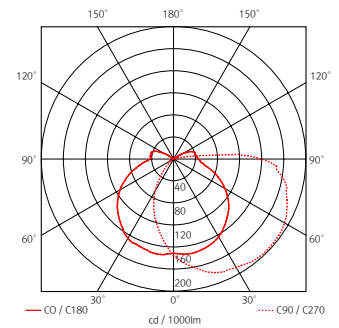


Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature(CCT)	Beam Angle	Operating Temperature
NMP5 (color)-24V-C90-CI	DC 24V	5.1 W	305.7 lm	60.1 lm/W	CRI > 90	2700K/3000K/3500K/4000K	–	0–45°C

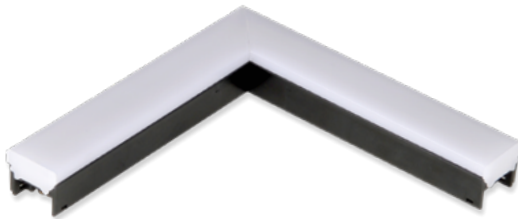
Performance data shown above for 4000K CCT. Refer to individual luminaire IES files for other CCT options.



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

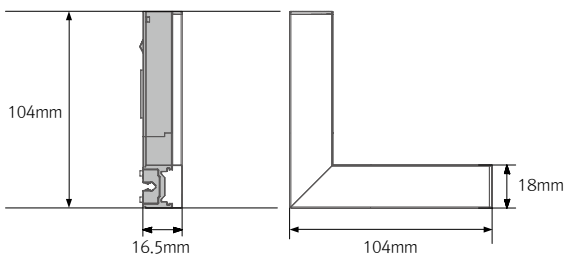


MonoRail 2 5W 90 Degree

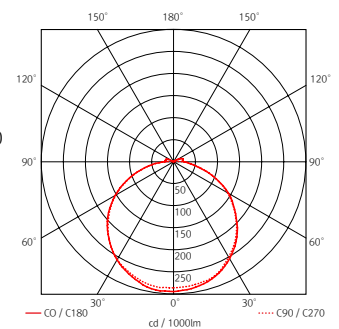


Model Name	Power Input	Lamp Power	Luminous Flux	Luminous Efficacy	Color Rendering Index	Color Temperature(CCT)	Beam Angle	Operating Temperature
NMP5 (color)-24V-C90-90	DC 24V	5.1 W	348.8 lm	68.9 lm/W	CRI > 90	2700K/3000K/3500K/4000K	–	0–45°C

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



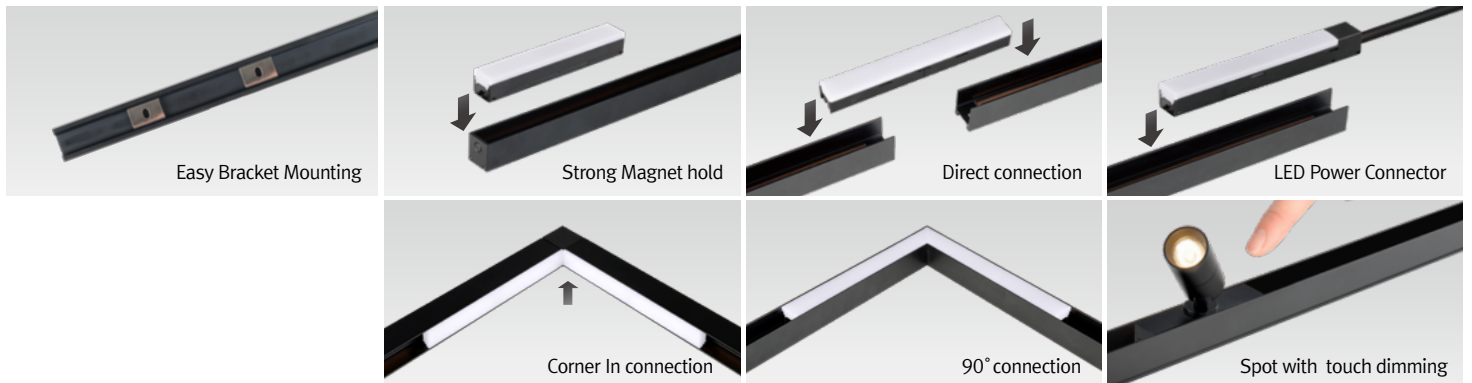
NMP5 40K-24V-C90-90
348.8lm, 68.9lm/W



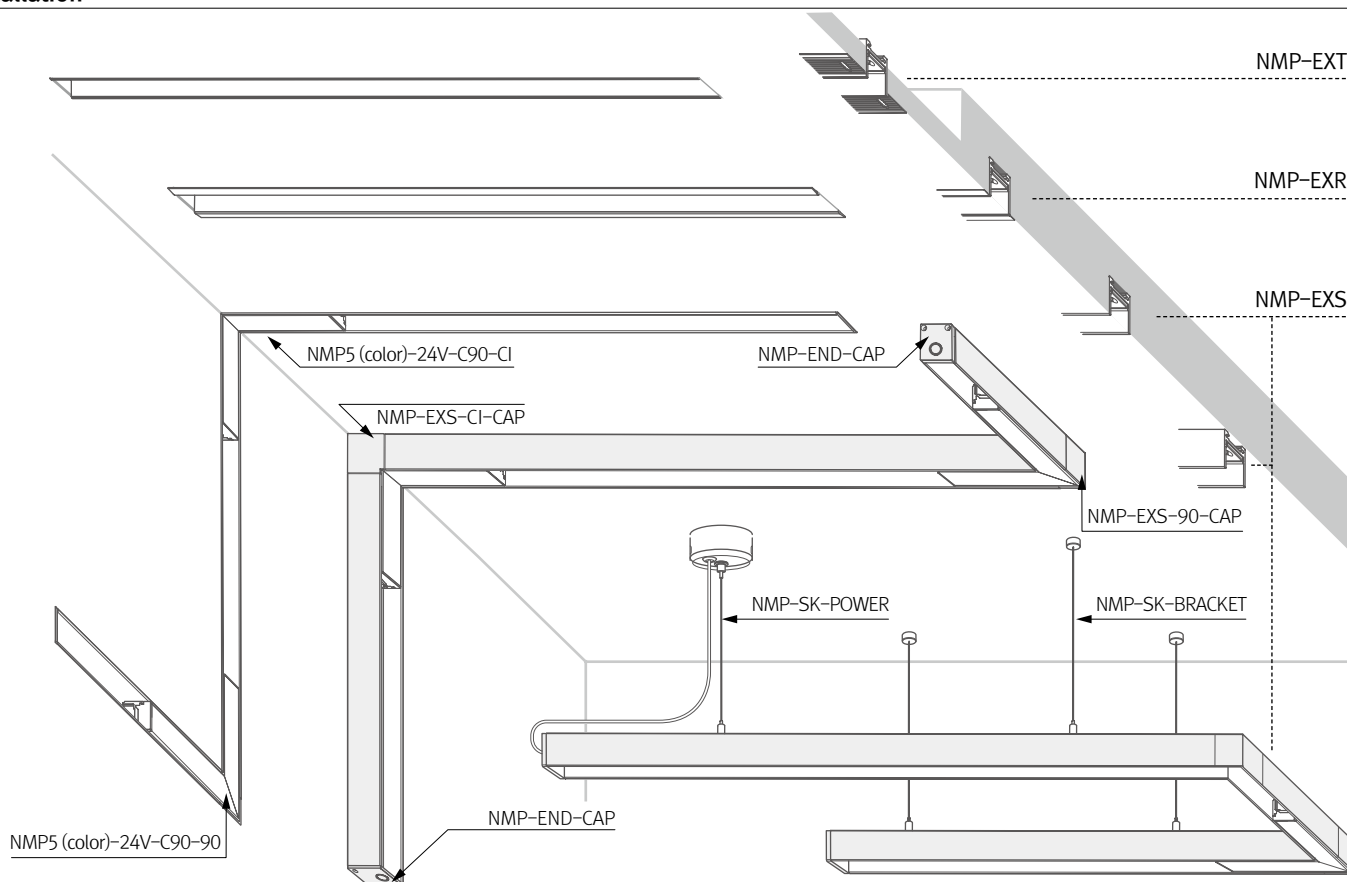
Extrusion Type

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		

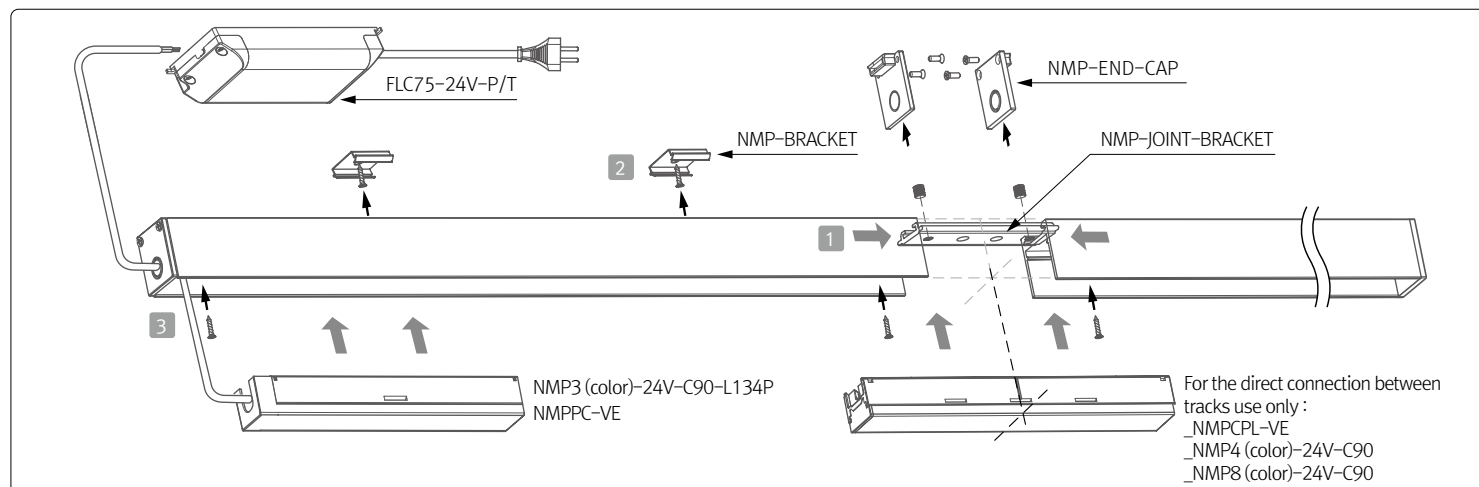
Various options



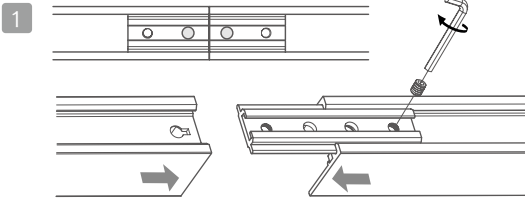
Installation



Extrusion length	Cutting extrusions
600mm, 1200mm, 2400mm	⚠ Keep this array: NMP-FIX-CAP / Rail/ NMP-FIX-CAP (Rail length+30mm = Track length)

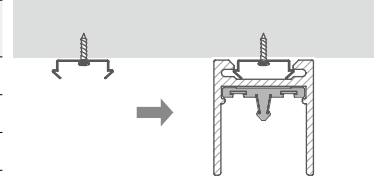


Installation (continued)

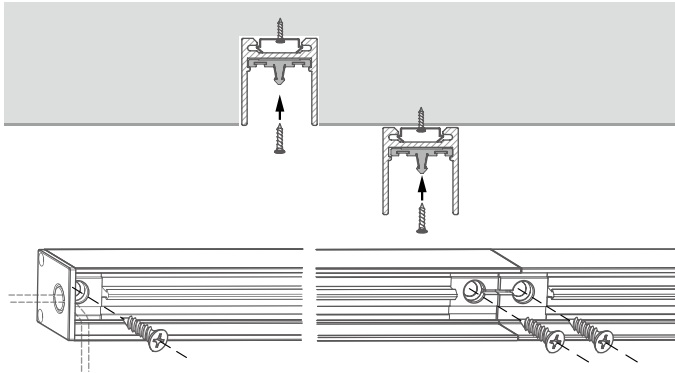


2 NMP-EXS,EXR-Bracket

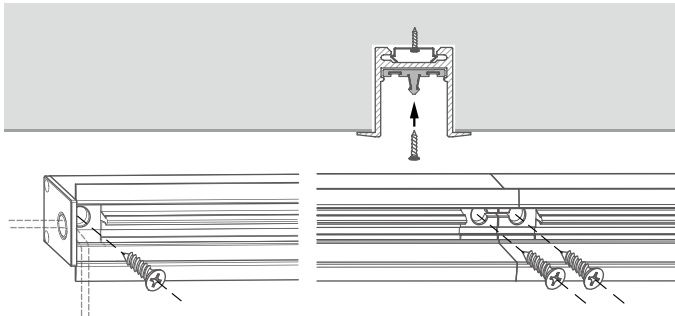
Extrusion	Bracket quantity	Bracket interval
600mm	0EA	-
1200mm	2EA	400mm
2400mm	5EA	400mm



3
NMP-EXS

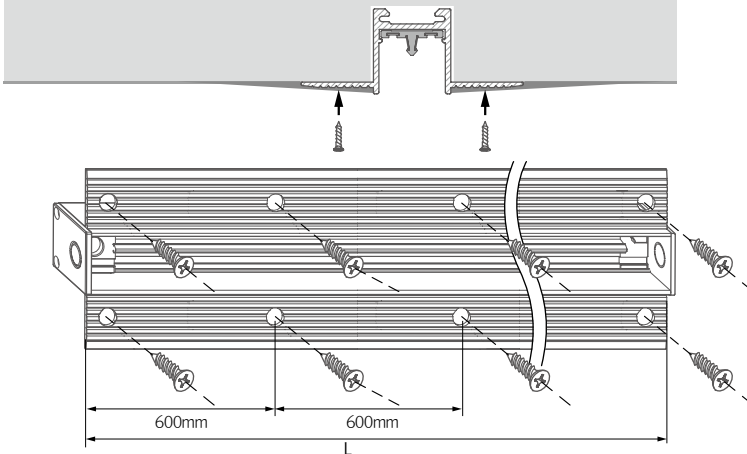


NMP-EXR

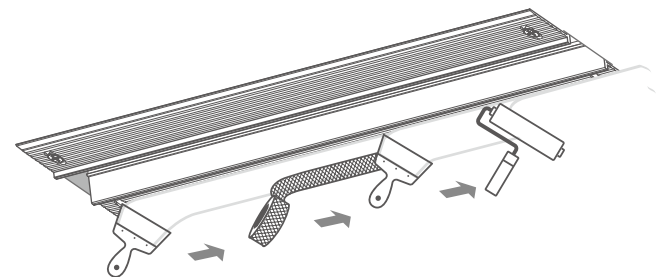
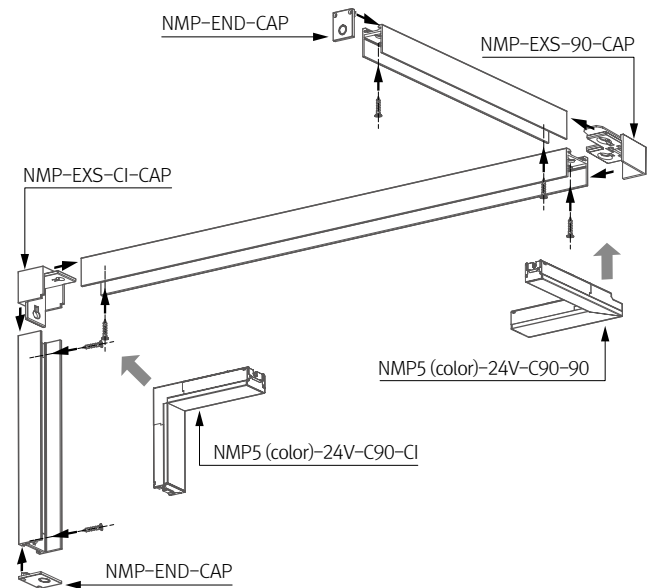


NMP-EXT

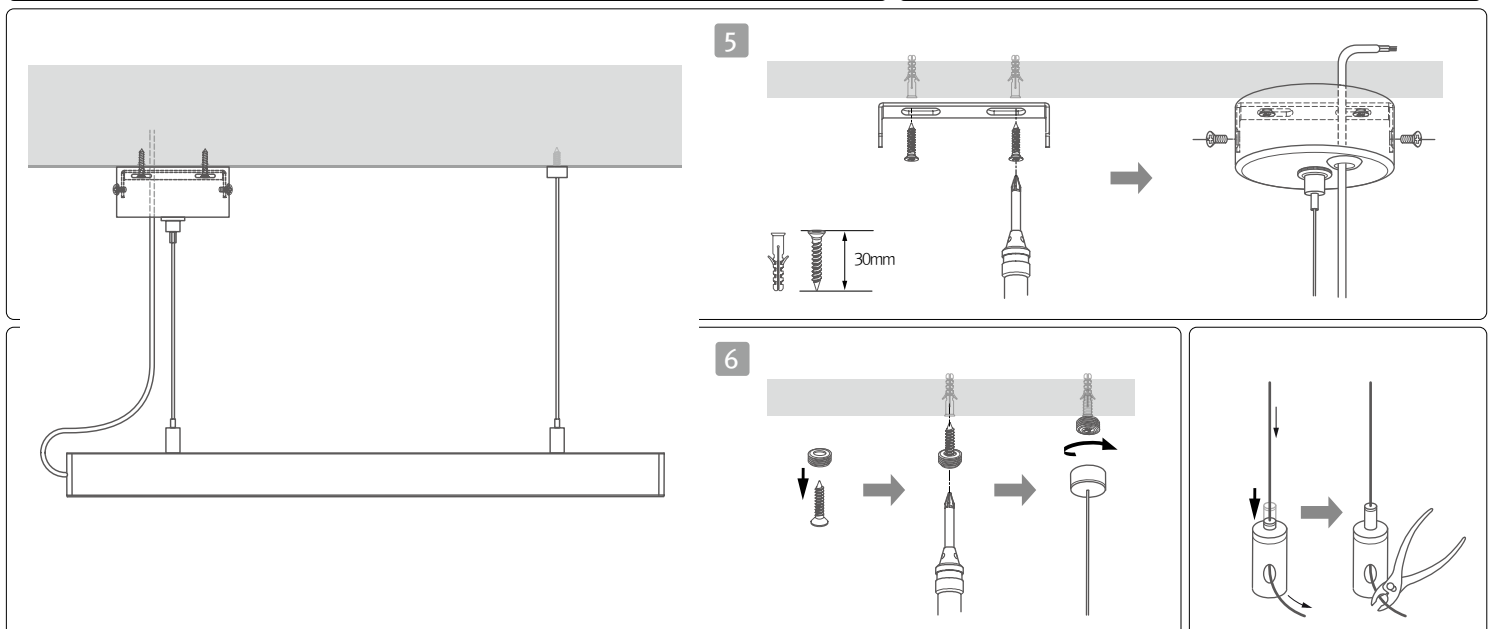
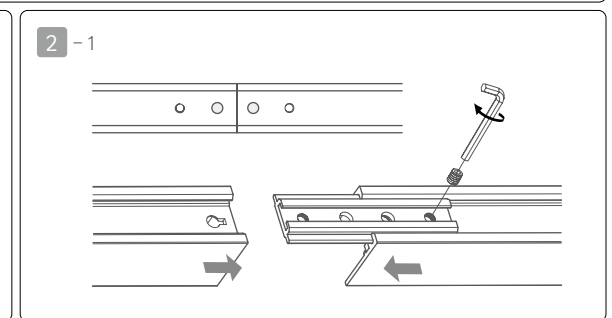
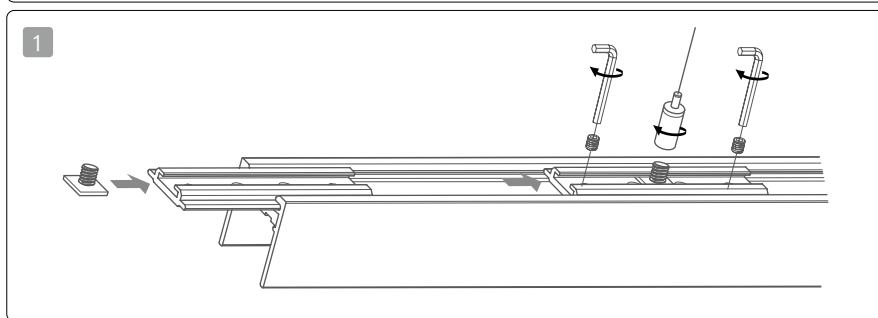
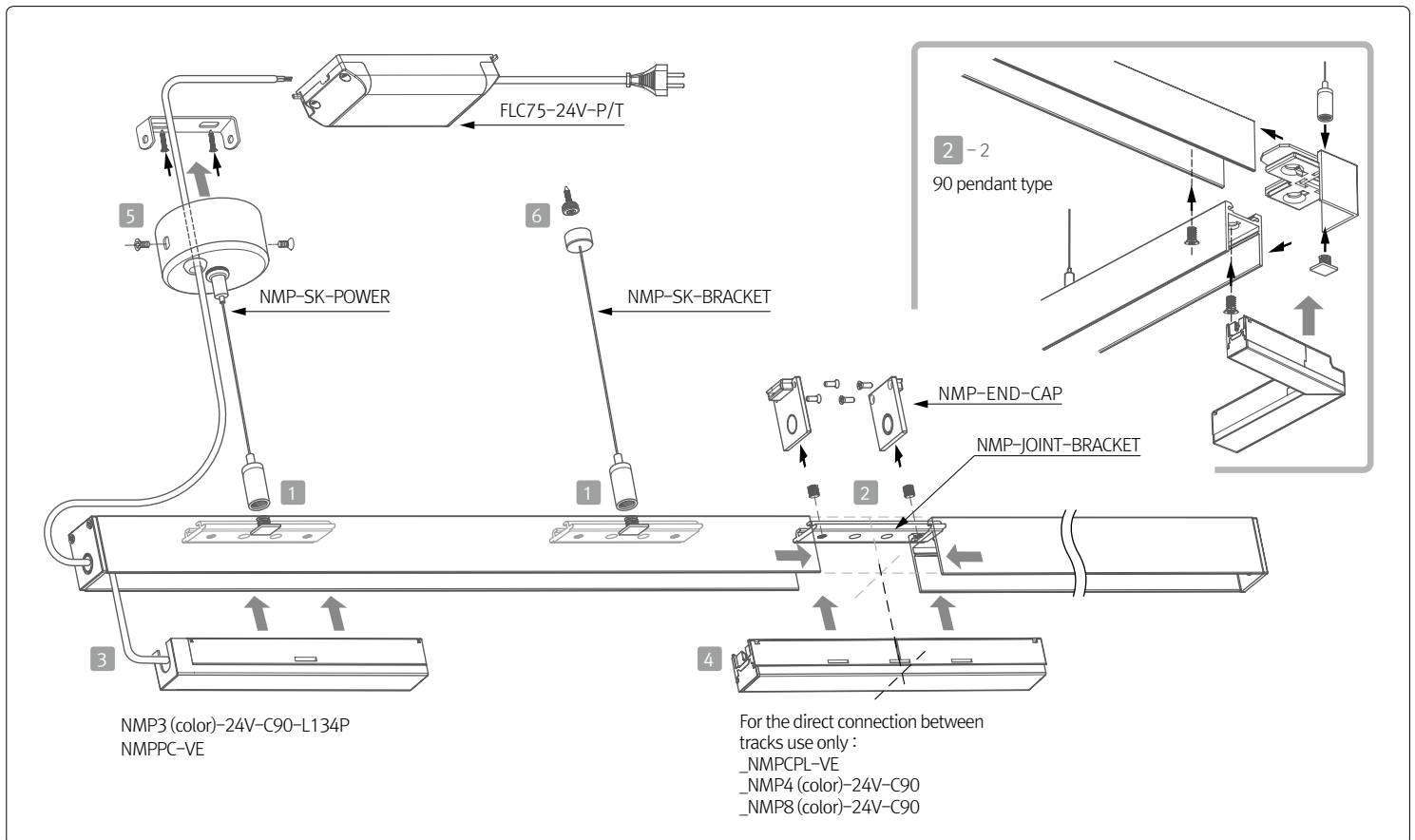
* Brackets are not required



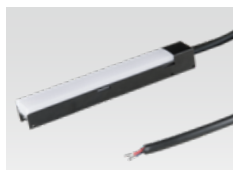
Extrusion(L)	600mm	1200mm	2400mm
Hole Point	2X2EA	3X2EA	5X2EA



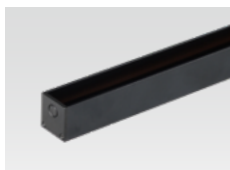
Installation (continued)



COMPONENTS



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



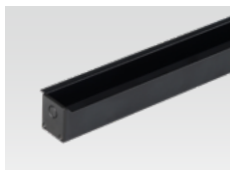
Surface Track
_NMP-EXS-BK
_NMP-EXS-WT



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



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



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



LED Drivers
_FLC200-24V/T (200W)
with 12way distributor



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



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



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



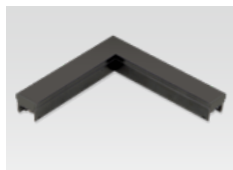
Corner In Connector
_NMPCPL-CI-BK
_NMPCPL-CI-WT



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



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



Pendent Suspension Bracket
_NMP-SK-BRACKET



Dimming Interface (Dail)
_FDD-L1DA
Max. 200W (100W/CH, 1CH)



Track Joint Bracket
_NMP-JOINT BRACKET



Fixture Remover
_NMP-REMOVER



Standard mounting bracket
_NMP-BRACKET1
Included with track



Track End Cap
_NMP-END-CAP
Included with Track