inox
LIGHTING INNOVATORS

t +44(0)1702 468165
e sales@inox.co.uk
w inox.co.uk

MonoRail
LED for Display, Cabinet, Furniture

Display & Cove system for long runs!

CE c(UL)US LISTED ⟨III⟩ ⌧

– Super Slim linear with power track
– Greatly extends the length of a run with a single power point
– Fixtures snaps onto power track with no breaks in light output
– Available in silver, black
– To be used with constant voltage DC 24V driver
– Dimmable with available accessories

reddot award 2014
winner

MNR−Rail
Power supply track
for FLX Series

MNR−Rail extrusion

Square diffuser

Round diffuser

Slim light system

Spot free LED

connection

Mounting bracket

Adhesive tape
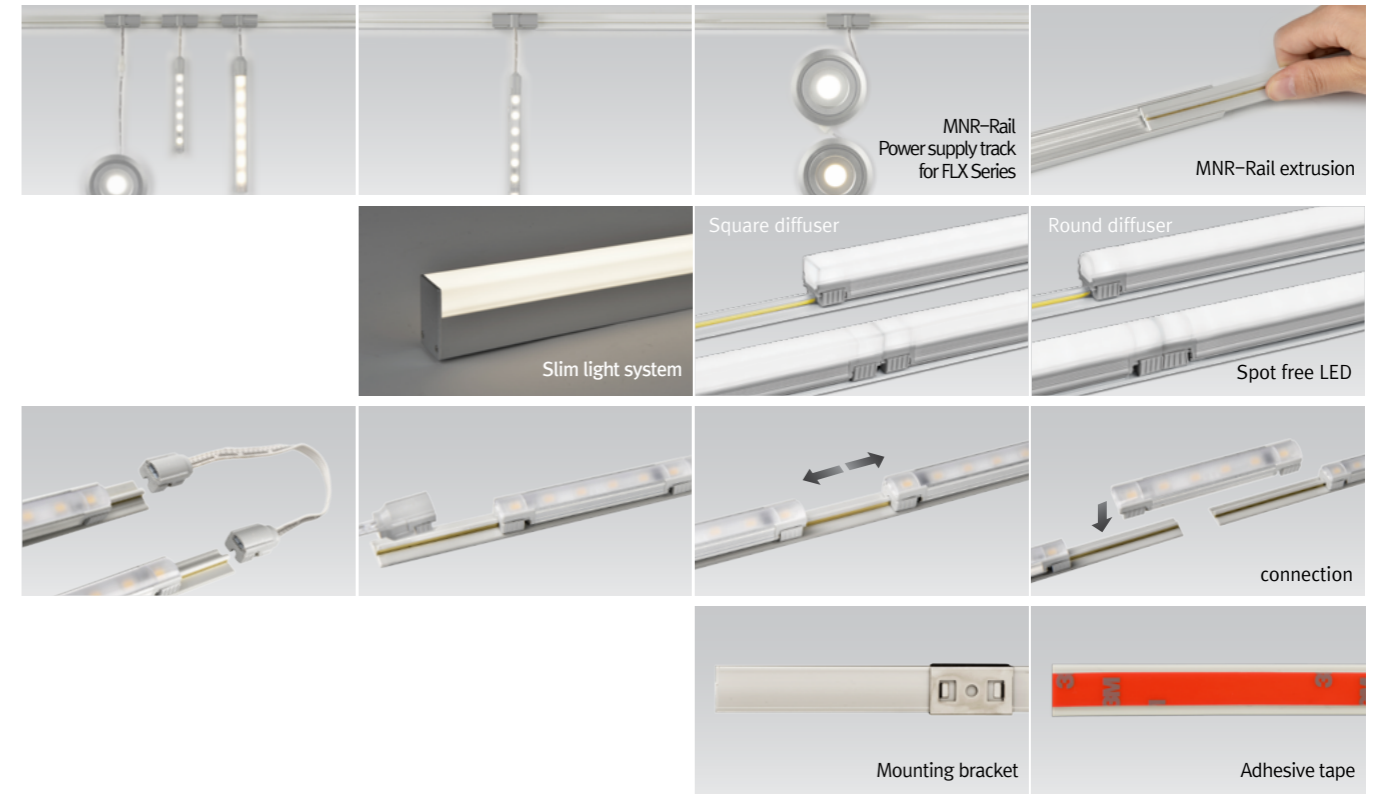
MonoRail
Display& Cove System for Long runs!

MonoRail 1W Length (95mm)

MonoRail 4W Length (286mm)

MonoRail 8W Length (572mm)

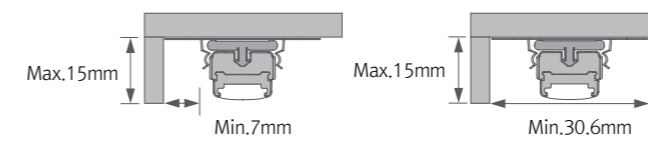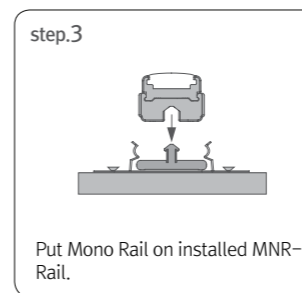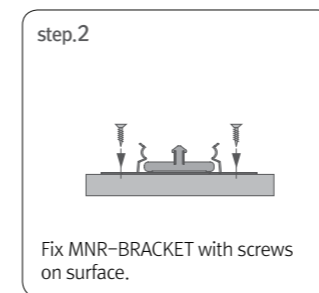MNR−Rail (power supply track)

Installation

MNR−BRACKET

step.1
Clip MNR−BRACKET on MNR−Rail.

step.2
Fix MNR−BRACKET with screws on surface.

step.3
Put Mono Rail on installed MNR−Rail.

Max.15mm
Min.7mm

Max.15mm
Min.30.6mm
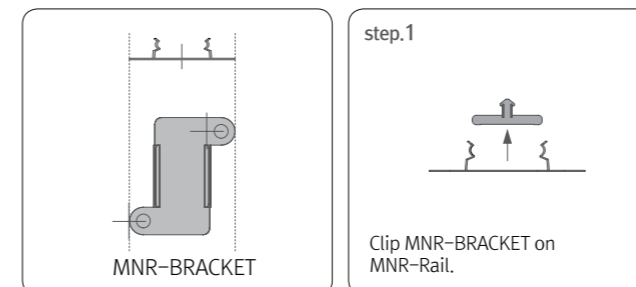
Max. connection

− MonoRail :180W in one row (Single power feed)
− LED Driver

Model Name	Max. units for LED Driver		
	24V/30W	24V/75W	24V/200W
MNR1 40K−24V	23	57	123
MNR4 40K−24V	6	15	40
MNR8 40K−24V	3	9	20

Specification

Model Name	Power Input	Lamp Power	Luminous Flux	Efficiency	Color Rendering	Available Color	Operating Temperature
MNR1 40K-24V	DC24V	1W	90 lm	90 lm/W	Ra〉85	2,700K/3,000K/3,500K/4,000K/6,000K	0~45℃
MNR4 40K-24V	DC24V	4W	360 lm	90 lm/W	Ra〉85	2,700K/3,000K/3,500K/4,000K/6,000K	0~45℃
MNR8 40K-24V	DC24V	8W	720 lm	90 lm/W	Ra〉85	2,700K/3,000K/3,500K/4,000K/6,000K	0~45℃

Dimension

Model Name	Power Input (V)	Lamp Power (W)	A (mm)	A' (mm)	B (mm)	B' (mm)	C (mm)	C' (mm)	D (mm)	E (mm)	F (mm)
MNR1 40K-24V	DC 24	1.3	95	121	15.3	30.6	12.3	14.9	15.6	14.6	17
MNR4 40K-24V	DC 24	4	286	312	15.3	30.6	12.3	14.9	15.6	14.6	17
MNR8 40K-24V	DC 24	8	572	598	15.3	30.6	12.3	14.9	15.6	14.6	17

* Slim light system

25mm

41 mm

w/ connector

w/ rail

* MNR-Rail

15.6mm

5.7mm

w/ connector

w/ bracket

* 90 ° connector

62.5

15.3

62.5

90°

12.3
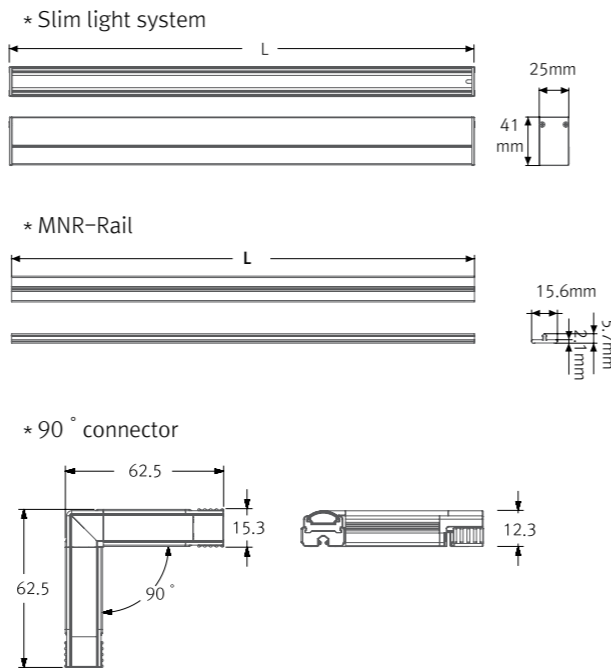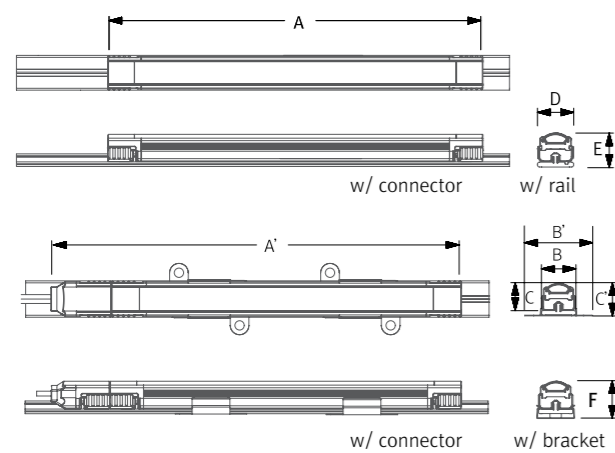
Accessories
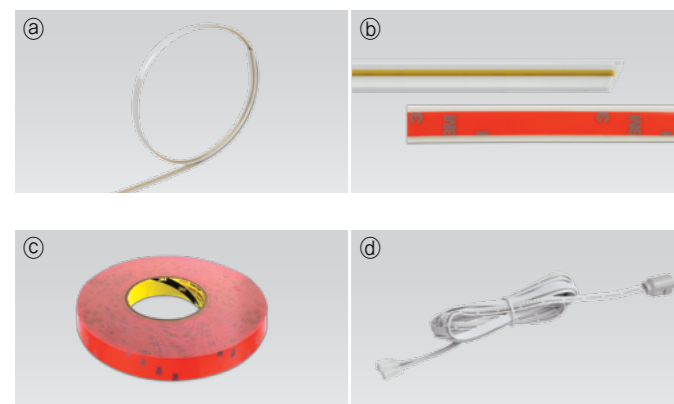
ⓐ **Power supply track : MNR-Rail (20m)**

Power supply track in Roll without adhesive
Color : White, Gray, Black

ⓑ **Power supply track : MNR-Rail (1.2m)**

Power supply track with adhesive tape
Color : White, Gray, Black

ⓒ **Adhesive tape**

Adhesive tape for MNR-Rail (16.5 m)

ⓓ **Power supply cable to the MNR-Rail : MNRPC (2500mm)**

120W in one row (w/ terminal block)
180W in one row (w/o terminal block)

ⓔ **Connecting cable between MNR-Rail**

MNRPTC	MNRPTC1	MNRPTC2	MNRPTC4	MNRPTC6
150mm(6inch)	300mm(1feet)	600mm(1feet)	1200mm(4feet)	1800mm(6feet)

ⓕ **Connecting cable between MNR-Rail and FLX Stix NDV : MNRPTC-NDV**

MNRPTC-NDV1	MNRPTC-NDV2
300mm(1feet)	600mm(2feet)

50W in one row

ⓖ **Connecting cable between MNR-Rail and FLIX Stix HDV&DDV : MNRPTC-HDV**

MNRPTC-HDV1	MNRPTC-HDV2
300mm(1feet)	600mm(2feet)

50W in one row

ⓗ **Connecting cable between MNR-Rail and FLX Spot DVS : MNRPTC-DVS**

MNRPTC-DVS1	MNRPTC-DVS2
300mm(1feet)	600mm(2feet)

50W in one row

ⓘ **Sidefeed for seamless extension(1W) : MNR1 40K-24V-S**

120W in one row

ⓙ **90° connector : MNR1 40K-24V-90**

MonoRail90° connector (1W)
120W in one row

ⓚ **LED Driver with 12way distributor, with power cord (1,800mm)**

Part No	FLC15-24V/T	FLC30-24V/T	FLC75-24V/ T
Capacity	15W 24V	30W 24V	75W 24V

ⓛ **LED Driver : FLC200-24V/T (200W 24V)**

LED Driver With 12way distributor

ⓜ **MonoRail bracket : MNR-BRACKET (standard)**

ⓝ **MonoRail bracket : MNR-BRACKET1 (optional)**

ⓞ **Dimming Interface(0-10/1-10,DMX512)**

FDA-L2M0 : Max. 200W (100W/CH, 2CH)
FDA-L5M : Max. 200W (100W/CH, 5CH)

ⓟ **Dimming Interface (1-10V) : FDC-L10**

Max. 100W (100W/CH, 1CH)

ⓠ **Slim light system (1.2M) : SLS-EXT**

ⓡ **MNR-Rail extrusion line (1.2m)** Without MNR-Rail

Silver	Black
MNR-EXL-SV	MNR-EXL-BK

ⓢ **MNR-Rail extrusion corner (1.2m)** Without MNR-Rail

Silver	Black
MNR-EXC-SV	MNR-EXC-BK

ⓣ **MNR-Rail extrusion pole (300mm)** With MNR-Rail

Silver	Black
MNR-EXP-SV	MNR-EXP-BK

ⓤ **End Cap : MNR-CAP**

ⓥ **MNR-Rail protection cover : MNR-Rail cover**