co:lab

Sly-R

8.5W Linear 48VDC LED Nano-Track Luminaire

WATTAGE **8.5W**	20° / 25° / 38° / 60° ▲	VOLTAGE **48VDC**	CRI (Ra) **>90**	CE		WARRANTY **5YR**
3-Step	IP **20**	Track	355°			

48VDC low voltage track lighting is synonymous with electrical safety, providing greater flexibility in design and ease of use including installation. The Nano-Track, with its minimal foot print makes it a perfect solution where light is required and space is limited. The luminaire can be installed and moved to any position without the need for turning off power to the track.

The luminaires snap-lock into position, remaining in place until you want to remove or re-position the luminaire. The simplistic and compact design makes this a versatile solution for a variety of spaces and applications. Available with a multitude of accessories to create a range of designs, the Sly-R comes with a 5 year warranty.

- Luminaire wattage: 8.5W (System)
- Luminous flux: 648Lm[2]
- Luminaire efficacy: 76.24Lm/W[1]
- Correlated colour temperature: 2700K, 3000K, 4000K
- Colour rendering index: >90[3]
- 3-Step-MacAdams Ellipse
- LED Brand: Bridgelux SMD series
- Optical distribution: 20°, 25°, 38°, 60°
- Luminaire Width Ø18mm x Length 264mm
- Adjustablilty: 355° Rotation
- Luminaire finishes: Black, White
- Ingress protection rating: IP20
- Working voltage: 48VDC constant voltage
- Flicker free DC-DC internal driver
- Longevity: >50,000Hrs L80 B10
- Driver: Integral DC-DC Flicker-Free non-dimmable
- Requires: 48VDC constant voltage LED driver, Nano-Track system
- Weight: 135g (excluding driver)
- Warranty: 5 year[4]

Luminaire Finishes

■ Black (BK)   □ White (WH)

100mm
18mm
264mm

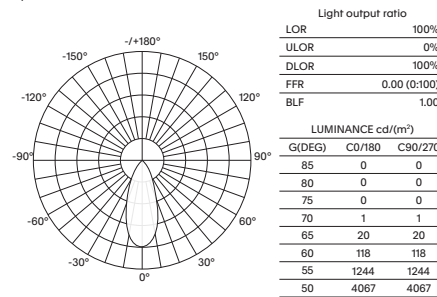| Model	LED Output[2]	Luminous Flux[2]	System Wattage	CCT	CRI[3]	Distribution
SLY-R-8.5W-3K	850Lm	648Lm	8.5W	3000K	>90	20°, 25°, 38°, 60°

For Non-dimming add suffix ND

Example product order code configuration: SLY-R-8.5W-3K-38-ND-(BK)

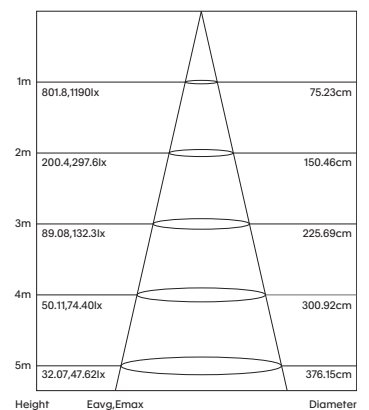| Model		Wattage		CCT		Distribution		Driver		Luminaire Finish
SLY-R	+	**8.5W**	+	**3K**	+	**38**	+	**ND**	+	**BK**

Light Distribution

Sly-R-8.5W-3K-38

Light output ratio	
LOR	100%
ULOR	0%
DLOR	100%
FFR	0.00 (0:100)
BLF	1.00

LUMINANCE cd/(m²)		
G(DEG)	C0/180	C90/270
85	0	0
80	0	0
75	0	0
70	1	1
65	20	20
60	118	118
55	1244	1244
50	4067	4067

AVERAGE BEAM ANGLE (50%): 42.9DEG

Utilisation Factors										
Room Reflectance			Room Index							
Ceiling	Walls	Floor	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
70	50	20	90	94	99	101	105	104	106	108	110

Cone Diagram

Height	Eavg,Emax	Diameter
1m	801.8,1190lx	75.23cm
2m	200.4,297.6lx	150.46cm
3m	89.08,132.3lx	225.69cm
4m	50.11,74.40lx	300.92cm
5m	32.07,47.62lx	376.15cm

1 Luminaire efficacy based on CCT 3000K; CCT variation will alter efficacy
2 +/- 10% stated initial LED and luminous flux tolerance
3 Colour Rendering Index: >90 Standard (Bridgelux SMD series)
4 Five year manufacturer's warranty covering product defects and performance deficiencies
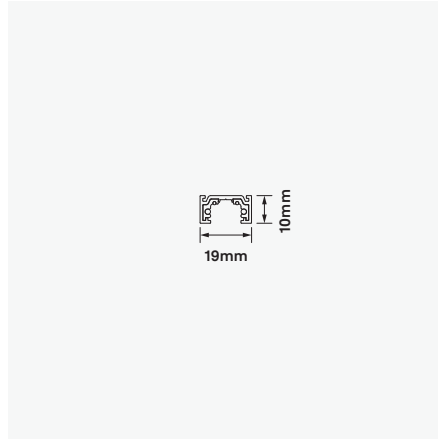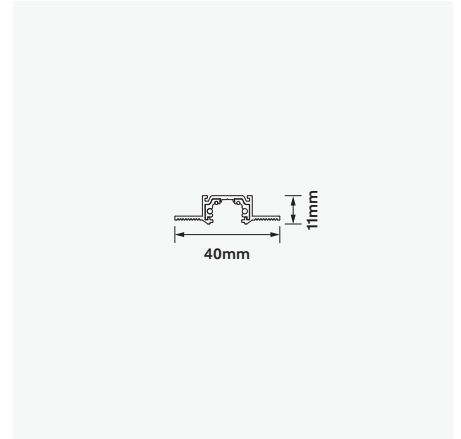
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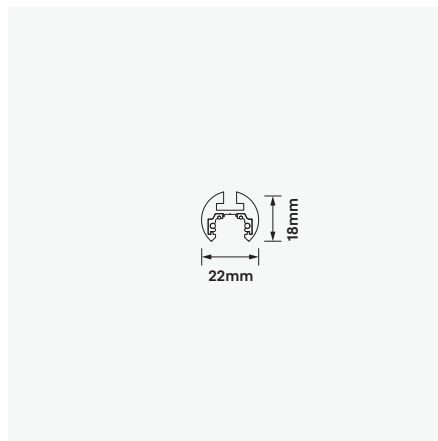### 48VDC Nano-Track options

Surface Track
Product No: NTR-SM19
Colour: Black, White
Size: W19mm x H10mm

10mm
19mm

Trimless Track
Product No: NTR-TL19
Colour: Black, White
Size: W40mm x H11mm

11mm
40mm

Suspended Track
Product No: NTR-SUS22
Colour: Black, White
Size: W22mm x H18mm

18mm
22mm

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