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Blade-L

24W Linear 48VDC LED Nano-Track Luminaire

| WATTAGE **24W** | 110° | IP **20** | VOLTAGE **48VDC** | CRI (Ra) **>90** | CE | | WARRANTY **5YR** |

| 3-Step | Track |

Luminaire Finishes

- ■ Black (BK)
- □ White (WH)

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 Blade-L comes with a 5 year warranty.

- Luminaire wattage: 24W (System)
- Luminous flux: 1870Lm[2]
- Luminaire efficacy: 78.24Lm/W[1]
- Correlated colour temperature: 2700K, 3000K, 4000K
- Colour rendering index: >90[3]
- 3-Step-MacAdams Ellipse
- LED Brand: Bridgelux SMD series
- Optical distribution: 110°
- Luminaire Width 11mm x Height 7mm x Length 1250mm
- 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: 85g (excluding driver)
- Warranty: 5 year[4]

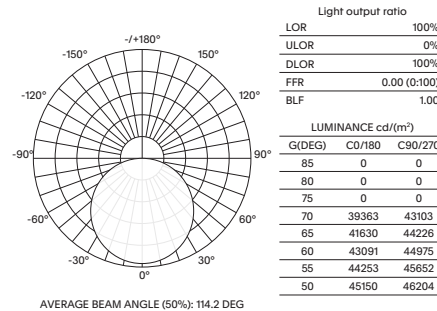| Model	LED Output[2]	Luminous Flux[2]	System Wattage	CCT	CRI[3]	Distribution
BLADE-L-24W-3K	2450Lm	1870Lm	24W	3000K	>90	110°

For Non-dimming add suffix ND

Example product order code configuration: BLADE-L-24W-3K-110-ND-(BK)

Model		Wattage		CCT		Distribution		Driver		Luminaire Finish
BLADE-L	+	**24W**	+	**3K**	+	**110**	+	**ND**	+	**BK**

Light Distribution

Blade-L-24W-3K-110

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	39363	43103
65	41630	44226
60	43091	44975
55	44253	45652
50	45150	46204

AVERAGE BEAM ANGLE (50%): 114.2 DEG

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	58	68	75	81	89	93	97	102	105
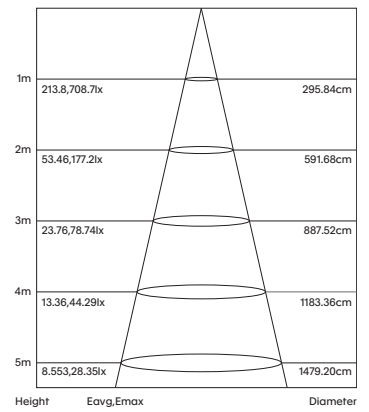
Utilisation Factors

Cone Diagram

| Height			Diameter
1m	213.8,708.7lx		295.84cm
2m	53.46,177.2lx		591.68cm
3m	23.76,78.74lx		887.52cm
4m	13.36,44.29lx		1183.36cm
5m	8.553,28.35lx		1479.20cm
	Eavg,Emax		

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)
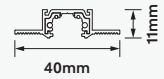4   Five year manufacturer's warranty covering product defects and performance deficiencies

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48VDC Nano-Track options

Surface Track
Product No: NTR-SM19
Colour: Black, White
Size: W19mm x H10mm
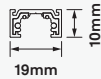
Trimless Track
Product No: NTR-TL19
Colour: Black, White
Size: W40mm x H11mm

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

Lighting Council
AUSTRALIA MEMBER

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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