



NANO

Luxurious ambient light in a small package

NANO

Direct

Compact enough to squeeze into the smallest spaces, this little linear LED adds a touch of ambient strip-lighting luxury with CRI 90+ and DALI-2 dimmable abilities.

Physical

Dimensions

18mm W x 18mm H

Finish Options

Powdercoat Black / White / Silver
Wood Grain and Concrete

Other powdercoat colours available upon request

Environmental

IP20

Electrical

Control Gear

Remote

Power Consumption Range

6.0 to 18.0 W/m

Lumen Maintenance

60,000 hours (L80/F10 at T_a 25°C)

Dimming Options

Fixed Output
SwitchDIM
DALI-2

Control Options

MasterConnect *profile limited to external sensor*
Casambi

Restrictions

*Powerfeed required every 4.8m. Blank of 15mm
applies at every powerfeed.*

*Luminaire lengths customisable to 50mm for standard
CCT LED tapes.*

*Recommended distance from luminaire to remote
driver is approximately 2m.*

Weight

0.5 kg/m

Mounting Options

Surface Mounted *Clips/ Adhesive Tape*
Wall Mounted *Adhesive Tape*

Ambient Operating Temperature

T_a 0° to 40°C

Photometrics

Flux Range

290 to 880 lm/m, CRI 90+,

T_a max 45°C, Diffused

Lumen Packages @ 2700K & 3000K

290 lm/m, 6.0 W/m

590 lm/m, 11.0 W/m

880 lm/m, 16.0 W/m

Lumen Packages @ 4000K & 6500K

290 lm/m, 6.0 W/m

590 lm/m, 11.0 W/m

880 lm/m, 18.0 W/m

Lumen Packages @ RGB/W

277 lm/m, 15.0 W/m

Distributions

Diffused

Light Source

LED Tape

Correlated Colour Temperature

2700K/ 3000K/ 4000K/ 6500K

Tuneable (2700 - 6500K)

RGB/W

Colour Rendering Index

90+

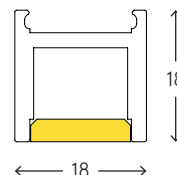
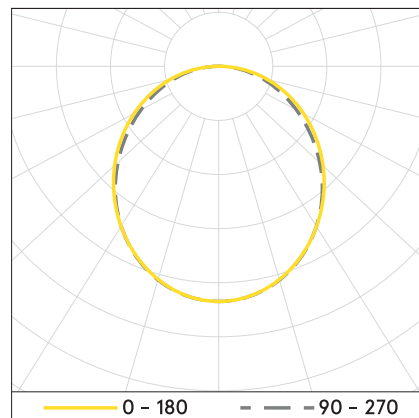
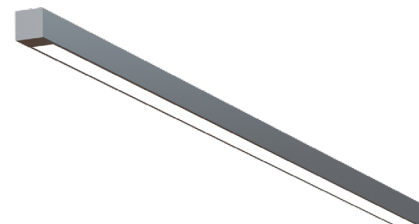
Additional Info

Warranty

Product

5 Years

Terms and conditions apply



Optical and Electrical values are subject to a tolerance of +/- 10%.

Lumen Output values are "delivered" lumens, which take into consideration losses in the diffuser. These values are more relevant than source lumens, as luminaire efficiency is accounted for. Values given above are based on 4000K and T_p of 65°C

All product specifications are correct at time of printing, and subject to change without notice.

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Date 03.2025
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Specification Statement

Use the below statement for your schedules, specifications, or quotes.

Guide: Copy and paste into your document.
Remove unwanted options in Green.
Add custom data points where noted in Blue.

NANO with 5 Year Product Warranty, as manufactured by mLight Pty Ltd. Product complete with LED boards with 3 SDCM, integrated (DALI-2 / Fixed Output / SwitchDIM / Casambi / MasterConnect Ecosystem) control gear, supports for (Surface Mounted / Wall Mounted). Dimensions 18 mm wide x 18 mm tall x (xxxx) mm long, including endcaps. Finished in (Black PC / White PC / Silver PC / Decorative Coating / Custom Colour), IP20 rated, Direct Light with diffused distribution, (xxxx) Lm/m, (xxxx) W/m, L80 F10 60,000 hrs at Ta 25°C. MasterConnect shall be installed as per specification. Installation as per MLight recommendations.

Coding System

Use the below to code your solution for ease of quoting and discussing with our team.
Start with NANO and then follow on with additional codes.

EG: NANO-SM-B-9-30-DIF-290-CAS

Mounting	Code	Finish	Code	CRI	Code	CCT / Light	Code	Direct Distribution	Code	Direct Lumen Package	Code	Dimming Option	Code
Surface Mounted	SM	Black PC	B	90+	9	2700 K	27	Diffused	DIF	290	290	DALI-2	DALI-2
Wall Mounted	WM	White PC	W			3000 K	30			590	590	Fixed Output	FO
		Silver PC	S			4000 K	40			880	880	SwitchDIM	SD
		Decorative Coating	D			Tuneable	TU					Casambi	CAS
		Custom Colour	C			RGB/W	RGBW					MasterConnect	MT

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INTEGRATE LIGHT WITH LIFE, BEAUTIFULLY
