

PROJECT	FIRM	ORDER #	TYPE	QTY
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PL-LNR 36 is a linear wall washer with a clean, efficient profile for interior and exterior projects — hotels, villas, clubs, opera houses, museums, exhibition centres, stores, boutiques and homes. The extruded aluminium body has die-cast end caps with a silicone seal and a 4 mm clear tempered-glass optical screen.

Available in high-power 4-in-1 RGBW and static CCT 3000 K, controlled over DMX, with beam options of 10° and 30° plus elliptical 10°×60° and 30°×60°. Powered from 220-240 V AC, with a custom 24 V DC option. Two nickel-finished brass glands and a neoprene cable allow daisy-chain connection; the fitting surface-mounts on adjustable brackets. An optional anti-glare louvre is available.

Features

- Linear wall washer for interior and exterior architectural projects.
- High-power 4-in-1 RGBW and static CCT 3000 K, controlled via DMX.
- Beam options — 10° · 30° plus 10°×60° and 30°×60° elliptical.
- Extruded aluminium body with die-cast end caps, silicone seal and 4 mm tempered-glass screen.
- 220-240 V AC (custom 24 V DC option) · IP67 · optional anti-glare louvre.
- Daisy-chain brass glands with neoprene lead; surface mount on adjustable brackets; any RAL finish.

At a glance

<p>⚡ Power 36 W · 220-240 V AC</p>	<p>◆ Protection IP67 · IK08</p>	<p>✨ Beam 10° · 30° · elliptical</p>	<p>● Class Class III</p>	<p>◆ CRI / Cert. RA80+ (3000 K) CE compliant</p>	<p>★ Warranty 5 years, limited</p>
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Variant matrix

Photometric and electrical performance by colour family (per 1000 mm).

PL-LNR-36-*	LED type	LED qty	Power	Output (source)	Control	Beam angles
RGBW — 3000 K	High-power 4-in-1	24 pcs	36 W	3420 lm	DMX	10°-30°×60°
Static CCT — 3000 K	High-power 4-in-1	24 pcs	36 W	3420 lm	DMX	10°-30°×60°

Specifications

Series	Linear Wallwasher Series — RGBW / CCT
Product code	PL-LNR-36-*. (see Configure your product on page 4)
LED type	High-power 4-in-1 RGBW
LED quantity	24 pcs (per 1000 mm)
Operating voltage	220-240 V AC (custom 24 V DC)
Power	36 W (per 1000 mm)
Luminous output	3420 lm at source · 2340 lm delivered
CRI	RA80+ (based on 3000 K)
Colour options	RGBW 3000 K · Static CCT 3000 K
Beam angle	10° · 30° · 10°×60° · 30°×60°
Control protocol	DMX
IP rating	IP67
IK rating	IK08
Insulation class	Class III
Dimensions	L 1000 mm × W 40 mm × H 47 mm
Custom lengths	1000 mm (standard) · 500 mm · 300 mm
Weight	1.8 kg (per 1000 mm)
Housing / screen	Extruded aluminium · die-cast end caps · 4 mm tempered glass
Finish	Powder-coat grey (RAL 9006) · any RAL on request
Accessories	Anti-glare louvre (optional)
LED lifetime	80% lumen maintenance after 50,000 hours
Installation	Surface mount on adjustable brackets · daisy-chain (0.3 m H05RN-F lead)

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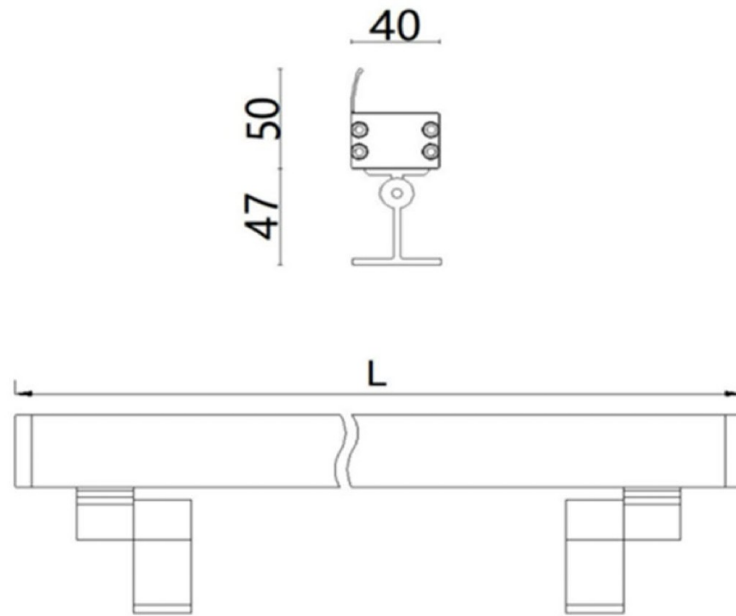
Dimensions

Profile & length

Body cross-section 40 mm (W) × 47 mm (H) overall. Standard length 1000 mm; custom 500 mm and 300 mm available.

Construction

Extruded aluminium body with die-cast end caps and silicone seal, 4 mm tempered-glass screen. Optional anti-glare louvre. Powder-coat grey (RAL 9006) standard, any RAL on request. Weight 1.8 kg per 1000 mm.



Overall dimensions (mm): body 40 (W) × 47 (H); 50 mm overall height with adjustable bracket.

Installation

Mounting

- Surface-mount the fitting with the adjustable brackets and screws, then tilt to set the wash angle. The slim profile suits walls, ceilings and coves.
- Adjustable brackets allow precise aiming after fixing.

Electrical & control

- Power from 220–240 V AC (or a custom 24 V DC supply), 36 W per 1000 mm plus headroom.
- Control over DMX for dimming and colour. Daisy-chain fixtures via the two brass glands and the 0.3 m neoprene H05RN-F lead.
- IP67 — seal all connections to the same rating for outdoor use.

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Configure your product

Build your model code in the form PL-LNR-36-<colour>-<beam> — colour A-B and beam 1-4. Body colour: grey (RAL 9006) standard, any RAL on request.

Option	Colour variant	Option	Beam angle
A	RGBW — 3000 K	1	10°
B	Static CCT — 3000 K	2	30°
		3	10°×60°
		4	30°×60°

Example product codes

PL-LNR-36-A-1 Linear wall washer — RGBW 3000 K · 10° beam

PL-LNR-36-B-2 Linear wall washer — Static CCT 3000 K · 30° beam

DMX control

PL-LNR 36 is controlled via DMX. The RGBW version offers full colour mixing; the CCT 3000 K version uses the DMX signal for dimming. Fixtures daisy-chain over the brass glands.

Output

Measure	Luminous flux	Avg. LED life
At source	3420 lm	50,000 h (80%)
Delivered	2340 lm	50,000 h (80%)

Control notes

- DMX is the control protocol for both versions.
- RGBW offers full colour mixing; CCT 3000 K uses DMX for dimming.
- Powered from 220-240 V AC, or a custom 24 V DC supply.