



Features & Benefits

- Easy to install LED luminaire, designed for exterior surfaces
- Fixture that recesses 27mm into a 40mm diameter hole
- Plug and play system – quick and reliable IP67 connections
- Powered by a 12V DC, short circuit protected LED driver
- Sustainable SMD-LED that consumes only 0.3W of energy
- Cool to the touch; fixtures will not get hotter than 34°C
- UV-resistant lens and marine grade stainless steel (316)
- “Walk/drive-over” construction, for loads up to 2850N/285kg
- Tested conditions, ranging from -35°C to +65°C
- Available in: cool white, warm white, blue and amber

Applications

- Tile, stone, pavers & concrete
- Decking & deck tiles
- Boat docks & piers
- Sidewalks & driveways

Outdoor Pro

Eyeleds® Outdoor Pro is an innovative range of plug and play outdoor surface lighting, driven by energy efficient and long lasting LED technology. The range consists of architectural, recessed walk-over landscape lighting, and is available in the round lens style. Eyeleds Outdoor® is used as accent, orientation, marker, guide or night-lights in outdoor landscape designs, decking, pavers, tile, boat docks, piers, concrete sidewalks and driveways.

Eyeleds® Outdoor Pro, low profile LED light fixtures, install flush into most exterior surfaces. The fitting recesses into a 40mm diameter hole, drilled through the surface of the material. The fixtures are made of top quality materials and components that are resistant to corrosion and UV-radiation. The solid construction is engineered to withstand heavy use: walking or even driving over the lights is not a problem.

Specifications

Voltage	12V DC
Power Consumption	0,3W/25mA
Rated Life	up to 100.000 Hours
Materials	
Lens and Housing	UV Res. Polycarbonate
Trim Ring	Stainless Steel (INOX 316)
Cable	PUR
Cable	2x0,75 mm ²
Surface Temperature	Max. 34°C
Operating Temperature	-35°C to +65°C
Drive/Walkover Pressure	Max. 2850N/285kg
Warranty	5 Years Limited

Standards	CE
Environment	IP67 Outdoor Rated

Technical drawing of the cable assembly showing side and end views with dimensions.

Side View Dimensions:

- Total length: 100mm
- Length of the braided shield section: 48mm
- Cable diameter: $\varnothing 6,2\text{mm}$
- Length of the first sleeve: 15mm
- Length of the second sleeve: 12mm
- Thickness of the second sleeve: 0,6mm
- Outer diameter of the first sleeve: $\varnothing 32\text{mm}$
- Outer diameter of the second sleeve: $\varnothing 39\text{mm}$
- Outer diameter of the cable jacket: $\varnothing 45\text{mm}$

End View Dimensions:

- Inner diameter (cable): 21mm
- Inner diameter (first sleeve): 37mm
- Outer diameter (second sleeve): 45mm

The diagram illustrates the experimental setup for the LED lighting system. It shows a power source (IP20, 220-240VAC) connected to a control unit (IP66, 12W/12VDC). The control unit is connected to three LED strips (IP67) via a series of connectors (M, F). The LED strips are connected to three LED lights (A, B, C). The diagram shows the layout of the LED strips and the connection points for the power source, control unit, and LED lights. Dimensions are provided for the various components and connections.

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