



MAXILED EDGE · DMX RGBW / INTELLIGENT WHITE

MaxiLED EDGE / DMX RGBW / Intelligent White

Low-profile linear edge light for window reveals, corridor edges, door frames and building outlines. Ø 88 mm × 66.96 mm dome body with 170° × 5° asymmetric beam that casts a sharp, precise line of light along the mounting surface. Full DMX 512 control over MaxiLINK 2-core cable.

- IP66
- IK07
- 48 VDC SELV
- DMX 512
- 170° × 5° BEAM
- 5-YEAR WARRANTY



WATTAGE	LUMENS (IW)	BEAM ANGLES	MAX STRAND	OPERATING TEMP
4.8 W	250 lm	170° × 5° asymmetric	100 m (330 ft)	-40 to +50 °C

SPECIFICATIONS · OVERVIEW · KEY FEATURES

QUICK SPECIFICATIONS

PRODUCT CODE	EDGE
POWER INPUT	48 VDC SELV
WATTAGE PER UNIT	4.8 W
LED CURRENT	200 mA
COLOR SYSTEM	DMX 512 RGBW · Intelligent White
LUMENS (RGBW CLEAR)	150 lm
LUMENS (INTELLIGENT WHITE)	250 lm
BEAM ANGLE	170° × 5° asymmetric
MAX STRAND LENGTH	100 m (330 ft)
IP RATING	IP66
IMPACT PROTECTION	IK07
OPERATING TEMP	-40 to +50 °C
WEIGHT	450 g
WARRANTY	5 years

OVERVIEW

The MaxiEDGE is the linear edge fixture in the Profile family — a low-profile dome designed to sit flush against a surface and cast a sharp 170° × 5° line of light along it. Perfect for window and door reveal edges, corridor perimeters and building outlines where you want a clean line of light rather than a spot or flood.

KEY FEATURES

- 01

170° × 5° asymmetric optic
The signature EDGE optic casts a wide, thin band of light — ideal for grazing surfaces like window reveals, corridors and architectural outlines where you want a line of light, not a spot.
- 02

Compact dome, hidden install
Ø 88 mm dome body, 66.96 mm tall — sits close to the surface. Removable glare guard reveals four M4 fixing holes for surface-mount.
- 03

MaxiLINK 2-core control
Same patented DMX-over-power backbone as the PUNCH family. Full DMX 512 control on the 2 power wires.
- 04

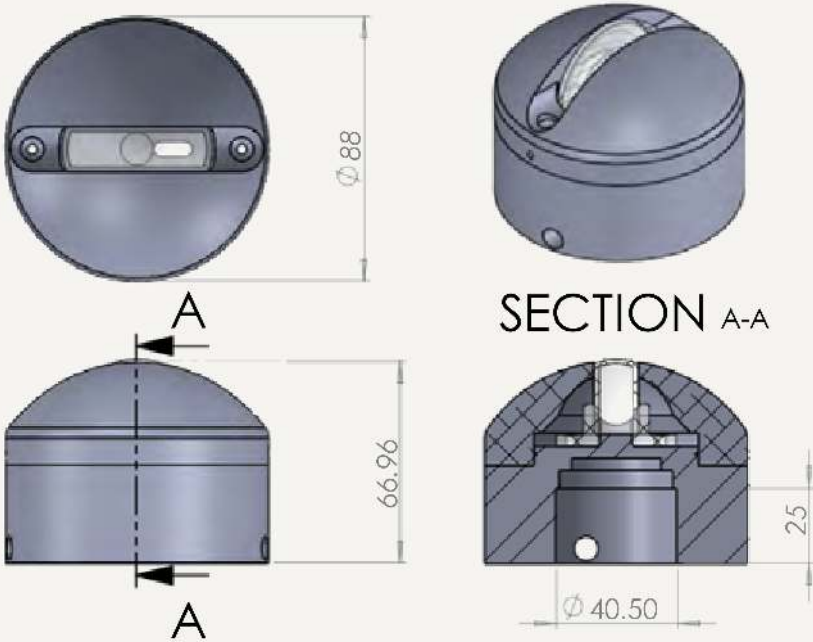
Sealed for outdoor grazing
IP66 sealed against jets from any direction, IK07 impact rating. UV-stable dome and factory-sealed optical chamber.

DIMENSIONS · PHYSICAL ENVELOPE

Dimensions and physical envelope.

EDGE · SCALED DRAWING

MM (INCHES) · NTS



DOME Ø	HEIGHT	BASE Ø	WEIGHT
88 mm (3.46")	66.96 mm (2.64")	40.50 mm (1.59")	450 g (15.9 oz)

Note. Drawings are not to scale. Confirm mounting cutout and clearance against the physical fixture before finalising fabrication drawings.

CERTIFICATIONS



— INSTALLATION • STEP-BY-STEP

Installation procedure.

EDGE • INSTALLATION FIGURES

4 STEPS • NTS

**Figure 1**

Locate grub screws

**Figure 2**

Loosen glare guard screws

**Figure 3**

Remove glare guard

**Figure 4**

Secure • replace guard • ELR

01

Locate grub screws. Locate the two **1/16 in (1.5 mm)** hex-head grub screws on either side of the MaxiEDGE housing. These secure the glare guard to the fixture.

02

Loosen the glare guard. Using a 1/16 in (1.5 mm) hex key, loosen both grub screws just enough to release the glare guard. Do not fully remove the screws — they stay captive in the housing.

— INSTALLATION • CONTINUED

Installation procedure.

EDGE • STEPS CONTINUED

STEPS 03 – 04

03

Remove the glare guard. Carefully lift the glare guard off the fixture to expose the M4 mounting screws. **Do not tamper** with the internal fixture screws — factory-sealed for IP66.

04

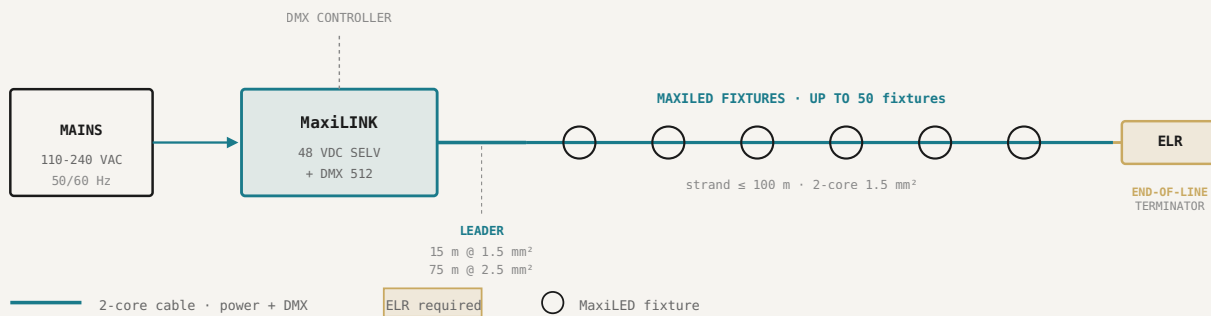
Secure • replace guard • terminate. Using appropriate-length M4 screws, fix the MaxiEDGE base to the mounting surface with screw heads flush. Replace the glare guard and tighten the two 1/16 in grub screws. Connect to MaxiLINK 48 VDC + DMX supply — **qualified electrician required**. Install **ELR (End-of-Line Resistor)** on the last fixture to terminate the DMX bus.

Note. Installation must be carried out by a qualified electrician per local electrical and construction codes.

WIRING · MAXILINK · STRAND PLANNING

Wiring and strand planning.

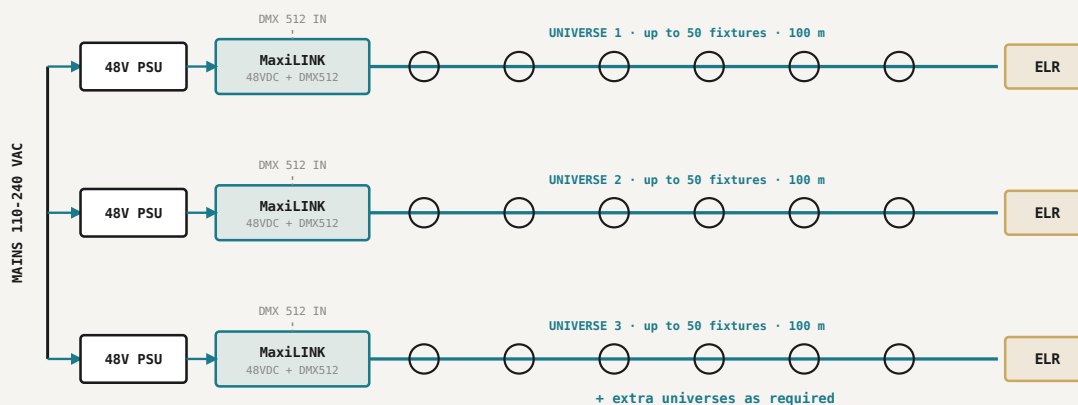
EDGE · MAXILINK 2-CORE DISTRIBUTION



USA / UL installations: insert Junction Boxes (supplied by others) between MAINS/PSU and MaxiLINK per code – ROW installs may connect direct

MaxiLINK carries 48 VDC + DMX 512 on the same 2-core cable. **Leader:** max 15 m on 1.5 mm² · 75 m on 2.5 mm² from MaxiLINK source to first fixture. **Strand:** max **50 fixtures** per PSU on 1.5 mm² cable (max run 100 m first-to-last). **Junction boxes** shown between Controller, PSU 48 V UL Approved and MaxiLINK UL Approved are **required for USA / UL installations only** – ROW installs may connect direct. **ELR (End-of-Line Resistor)** mandatory on the last fixture of every DMX strand.

EDGE · MULTIPLE DMX UNIVERSES · ONE MAXILINK + PSU EACH



For layouts beyond a single universe (one universe = up to 50 fixtures), add **one MaxiLINK + 48 V PSU per additional universe**, each fed from a common mains supply and terminated with its own **ELR** on the last fixture.

— ORDER CODES · BUILD THE SKU

Order codes — specify by segment.

EDGE CONFIGURATOR

LEFT → RIGHT · CONCATENATE WITH HYPHENS

01

PRODUCT

MaxiLED EDGE **EDGE**

·

02

LED

DMX RGBW **RGBW**

Intelligent White **IW**

·

03

FINISH

MaxiSEAL Black **MSB**

MaxiSEAL Silver **MSS**

Black Anodised **B**

Silver Anodised **S**

RAL **RAL**

·

04

BEAM

170° × 5° asymmetric

170-5 (single option)

ORDER-CODE EXAMPLES

EX 1 EDGE-RGBW-MSB

MaxiEDGE RGBW, MaxiSEAL Black finish

EX 2 EDGE-IW-S

MaxiEDGE Intelligent White, Silver Anodised

Note. The 170° × 5° asymmetric optic is fixed — orient the fixture correctly to align the wide axis with the surface being grazed. ELR required on the last fixture of each DMX strand.