



PART OF
LASER BLADE INOUT RECESSED

SELECTED COLOUR

74 Grey / Black

STANDARD

DESCRIPTION

Recessed rectangular ceiling-mounted IP68 luminaire, compact body, Neutral White LEDs, Wide Flood optic.

WF - Wide Flood 47°
24.4 W system
1540 lm system
63.11 lm/W
4000 K
CRI 97 - Rf (Colour Fidelity Index) 92 - Rg (Gamut Index) 98

DESIGNED BY
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Specification sheet generated on 26/08/2026

TECHNICAL DATA

LAST UPDATE: 25/08/2026

DESCRIPTION

Miniaturised recessed rectangular luminaire with ten optical elements with Neutral White LED light sources - fixed Wide Flood optic. Comprises a (round) optical compartment, frame, glass, outgoing cable and installation accessories to be ordered separately, where necessary. The optical compartment and frame are made of aluminium alloy and subjected to a multi-step pre-treatment process, the main phases of which include degreasing, fluorozirconic coating (a surface protective coat) and sealing (silane-based nanostructured coat). The successive painting phase is completed using primer and liquid acrylic paint, baked at 150°C, guaranteeing excellent resistance to atmospheric agents and UV rays. The glass-holder frame has plastic end caps. Tempered soda-lime closing glass, transparent with black screen-printing on the edge, 3mm thickness, attached to the frame with silicone. Silicone seals are placed between the glass-holder frame and the optical compartment. High-definition optic made of metallic thermoplastic, integrated into the black anti-glare screen towards the rear. Grade 304 stainless steel supporting springs. Equipped with IP68 control gear with outgoing cable for connection. The optical compartment and control gear are connected through IP68 quick-fit connectors. All external screws are made of A2 stainless steel.

TECHNICAL PERFORMANCE

- Class II
- IP65

Completely protected against penetration of dust, Protected against jets of water
- IK06

IK06 - Protected against 1 J shocks

Complies with EN60598-1 and pertinent regulations

PHYSICAL PROPERTIES

Weight (kg)	1
Material	Die-cast aluminium and thermoplastic

PRODUCT CERTIFICATION

BIS

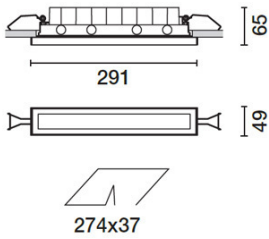
CE

ENEC-03

UK
CONFORMITY
ASSESSED

DIMENSIONS

General (mm)	291x49x65
Shape	Rectangular
Recessed hole dimensions (mm)	274x37

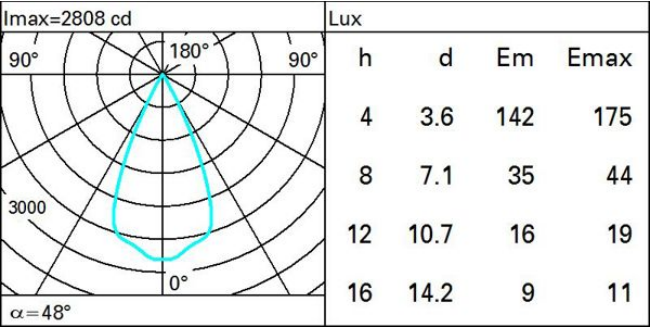


PHOTOMETRIC DATA

DETAILS

Im system	1540
W system	24.4
Im source	2000
W source	21
Luminous efficiency - Im/W (system value)	63.11
Im in emergency mode	-
Maximum intensity (cd)	3102
Total light flux at or above an angle of 90° (Lm)	0
Light output ratio (LOR)	76
Optic and beam angle	WF - Wide Flood 47°
Adjustability	fixed
Light colour quality	CRI 97 - Rf (Colour Fidelity Index) 92 - Rg (Gamut Index) 98
Colour temperature	4000 K
MacAdam Step	3
Lifetime LED 1	>100,000h - L90 - B10 (Ta 25°C)
Lifetime LED 2	>100,000h - L90 - B10 (Ta 40°C)

CHARTS AND POLAR CURVES



ELECTRICAL DATA

Operating ambient temperature range	from -30°C to 50°C.
Voltage	220-240 VAC
ZVEI code	LED
Power Supply	Electronic Control gear included
Mounting options	Remote

INSTALLATION

DESCRIPTION

Recessed installation with protruding frame on 1-25mm-thick suspended ceilings. Recess opening on suspended ceiling, size 274x37.
Recessed installation with flush frame on 12.5mm- or 15mm-thick suspended ceilings, through adapter frame to be ordered separately.
Installation on concrete ceilings using an outer casing to be ordered separately (flush and protruding frame).

NOTES

Version with black painted frame and DALI available on request.

Mounting	Ceiling recessed
Wiring	Power supply unit inclusive of electronic control gear (220-240VAC 50/60Hz) with outgoing connection cable. IP68 connectors, to be ordered separately, are available for the electrical connections.