



ELIA WL is a watertight LED device made from white-coloured polycarbonate with an opal diffusing shield, designed for lighting warehouses, covered car parks and industrial production areas. It is suitable for ceiling or surface mounting, thanks to the steel brackets on the back of the device. Available in two power versions, two lengths (1200 and 1500mm) and in stand-alone or feed-through wiring versions. Available with On/Off electronic power supply, colour temperature of 4,000 K (neutral white) and a colour rendering index of more than 80. ELIA WL has been designed to withstand temperature variations from -25°C to + 40°C, and offers protection from water and dust penetration of up to level IP66 and from shocks and impacts of up to level IK08. It is quick and easy to install thanks to the simple fixing system and the reduced weight of the device.

GENERAL INFORMATION

Context	Lighting of warehouses, indoor parking and industrial production rooms
Luminaire	LED luminaire with high lumen power
Application	Internal
Unique digital code (Datamatrix)	Currently not present

Colour	White
Type of light source	LED
System power	47 W
LED Lifetime	L80 B50 (Tq25°) = 54.000h
Weight (kg)	2
Warranty	5 years
Stocking temperature	-
Operating temperature	-25 +40 °C

MATERIALS

Body	Polycarbonate
Shield type	Polycarbonate
Optic	-
Gasket	-
Locking Hook	-
External screw	-
Colour	PC coloured

STANDARDS AND APPROVALS

Classification	-
Device with reduced surface temperature	Complying
DIN 18032-3 certification	-
IPEA	-
Insulation class	I
IP degree	IP66
Mechanical resistance	IK08
Glow Wire Test	850 °C

OPTIC AND ILLUMINATING FEATURES

Optic	Wide opal
Unified Glare Rating	-
Lumen output (lm)	5700
Efficiency (lm/W)	122

Colour temperature	4000 K
Color Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0

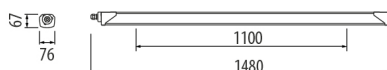
ELECTRICAL AND LIGHTING FEATURES

Supply voltage	220 - 240 V
Rated frequency (Hz)	50 / 60
Driver	Included
Driver failure rate	F05 = 50.000h Tq 25°C
Overvoltage protection	-
Control System	Stand Alone - On / Off

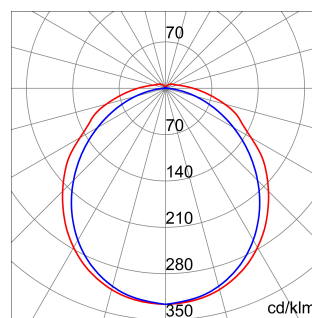
INSTALLATION AND MAINTENANCE

Mounting and installation	Ceiling - Wallmounting - Suspension
Tilt	-
Wiring	Cable gland with terminal
Fixing	-
Light source replaceability	Not available--
Controlgear replaceability	Not available--
Driver Box	Built-in
Maximum surface exposed to the wind	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP

IP66

IK

IK08

GWT

850 °C

STANDARDS/APPROVALS

