

ELIA DL - Downlight LED



ELIA DL Flush-mounting LED downlight for lighting entrance areas, corridors and shared spaces, crafted from white power-coated die-cast aluminium with an opal diffusing shield. It is available in two power versions, with separate electronic power supply in the On/Off or DALI options provided as part of a kit, colour temperature of 4,000 K (neutral white) and colour rendering index of more than 80 or more than 90. ELIA DL has been designed to withstand temperature variations from -20°C to + 45°C, and offers protection from water and dust penetration of up to level IP54 and from shocks and impacts of up to level IK06. Light and easy to handle, ELIA DL is easy to install thanks to the connector for the electrical wiring and the quick, simple fin-locking mechanism.

GENERAL INFORMATION

Context	Illuminazione di interni
Luminaire	LED luminaire for diffuse light
Application	Internal
Unique digital code (Datamatrix)	Currently not present

Colour	White
Type of light source	LED
System power	25 W
LED Lifetime	L80B50 (Tq25°) = 50.000h
Weight (kg)	0.8

Warranty	5 years
Stocking temperature	-20° +65°
Operating temperature	-20° +45°

MATERIALS

Body	Die-cast aluminium
Shield type	Polycarbonate
Optic	Diffusore opale in policarbonato

Gasket	-
Locking Hook	-
External screw	-
Colour	Powder coating

STANDARDS AND APPROVALS

Classification	-
Device with reduced surface temperature	-
DIN 18032-3 certification	-
IPEA	-
Insulation class	II
IP degree	IP40 - IP54
Mechanical resistance	IK06
Glow Wire Test	650 °C

OPTIC AND ILLUMINATING FEATURES

Optic	Wide opal
Unified Glare Rating	-
Lumen output (lm)	2400
Efficiency (lm/W)	96
Colour temperature	4000 K
Color Rendering Index	CRI 90
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0
Standard	EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493

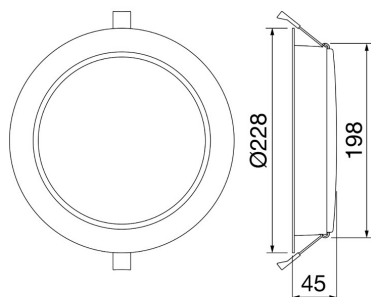
ELETRICAL AND LIGHTING FEATURES

Supply voltage	220-240 V
Rated frequency (Hz)	50 / 60
Driver	Esterno - Incluso
Driver failure rate	F025 (Tq=25°C) = 50.000 h
Overvoltage protection	DM 0,5 kV
Control System	DALI

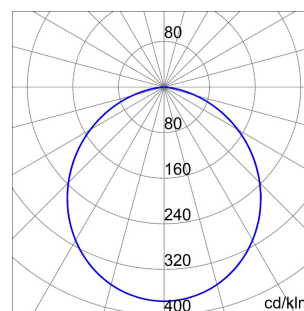
INSTALLATION AND MAINTENANCE

Mounting and installation	For flush-mounting
Tilt	-
Wiring	With connection terminal on driver
Fixing	Tramite molle integrate all'apparecchio
Light source replaceability	Non-replaceable
Controlgear replaceability	By professional
Driver Box	-
Maximum surface exposed to the wind	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP

IP40 - IP54

IK

IK06

GWT

650 °C

STANDARDS/APPROVALS

Data, measures, designs and pictures are for information purpose only, last update 30/10/2022. They can be changed at any moment, therefore it is always recommended to read the last updated version published on the website www.gewiss.com. Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at <https://www.gewiss.com/it/en/company/landingpage/led-warranty>. - 1 of 2

