

ELIA DL



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	Interior lighting
Luminaire	LED luminaire for diffuse light
Toepassing	Intern
Unique digital code (Datamatrix)	Currently not present
Kleur	Wit
Type lichtbron	LED
System vermogen	25 W
LED Lifetime	L80B50 (Tq25°) = 50.000h
Gewicht (kg)	0.8
Garantie	5 jaar
Opslagtemperatuur	-20° +65°
Operating temperature	-20° +45°

OPTIC AND ILLUMINATING FEATURES

Optiek	Wide opal
Unified Glare Rating	-
Lumen-vermogen (lm)	2400
Efficacy (lm/W)	96
Kleur temperatuur	4000 K
Colour Rendering Index	CRI 90
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0
Standaard	EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493

MATERIALS

Body	Gietaluminium
Type plaat	Polycarbonate
Optic	Opalescent polycarbonate diffuser
Gasket	-
Locking Hook	-
External screw	-
Colour	Powder coating

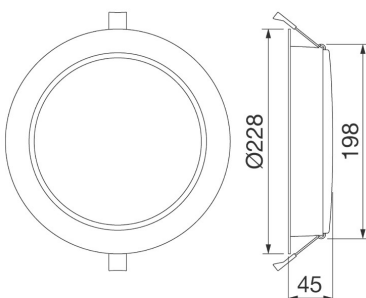
ELETRICAL AND LIGHTING FEATURES

Voedings-spanning	220-240 V
Nominale frequentie (Hz)	50 / 60
Driver	External - Included
Driver failure rate	F025 (Tq=25°C) = 50.000 h
Overvoltage protection	DM 0,5 kV
Control System	DALI
Mounting and installation	Voor inbouw-
Tilt	-
Wiring	With connection terminal on driver
Bevestiging	Via springs integrated with the luminaire
Light souce replaceability	Non-replaceable
Controlgear replaceability	By professional
Driver Box	-
Maximum surface exposed to the wind	-
Isolatie-klasse	II
IP- graad	IP40 - IP54
Stoot- bestendigheid	IK06
Glow Wire Test	650 °C

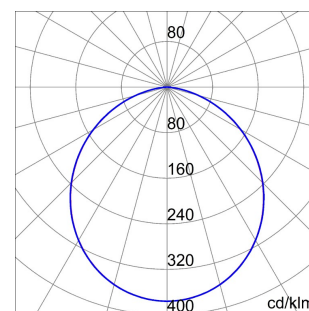
STANDARDS AND APPROVALS

Classificering	-
Toestel met verlaagde oppervlaktetemperatuur	-
DIN 18032-3-certificering	-
IPEA	-
IP- graad	IP40 - IP54
Stoot- bestendigheid	IK06
Glow Wire Test	650 °C

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



ELIA DL

TECHNICAL SYMBOLOGY



IP

IP40 - IP54

IK

IK06

GWT

650 °C

STANDARDS/APPROVALS

**UK
CA**

