



ELIA CL is an LED device made from white polycarbonate designed for ceiling or surface mounting, ideal for lighting stairways, bathrooms/rest rooms and service areas. It is quick and easy to install, and features clean, minimalist lines. Designed in two different sizes and power versions, it features a polycarbonate opal diffusing shell, a colour temperature of 4,000 K (neutral white) and a colour rendering index of more than 80. ELIA CL is also available in the Sensor version, with movement detection up to 8m, a radius of up to 120° and duration of 30 seconds, and in the Emergency version, the luminous flux is guaranteed for 3 hours of operation at 10%. It 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 IK08. Light and easy to handle, ELIA CL is easy to install thanks to the steel bracket on the back of the device for wall mounting, the quick-coupling terminal on the rear of the device for the electrical wiring and the bayonet locking mechanism for attaching the body of the light.

#### 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                  | 12 W                            |
| LED Lifetime                     | L80B50 (Tq25°) = 50.000h        |
| Gewicht (kg)                     | 0.53                            |
| Garantie                         | 5 jaar                          |
| Opslagtemperatuur                | -20° +65°                       |
| Operating temperature            | -20° +45°                       |

#### MATERIALS

|                |                                   |
|----------------|-----------------------------------|
| Body           | Polycarbonate                     |
| Type plaat     | Polycarbonate                     |
| Optic          | Opalescent polycarbonate diffuser |
| Gasket         | -                                 |
| Locking Hook   | -                                 |
| External screw | -                                 |
| Colour         | Polycarbonate coloured in paste   |

#### STANDARDS AND APPROVALS

|  |             |
|--|-------------|
| Classificering                               | -           |
| Toestel met verlaagde oppervlaktetemperatuur | -           |
| DIN 18032-3-certificering                    | -           |
| IPEA   | -           |
| Isolatie-klasse                              | II          |
| IP-graad                                     | IP20 - IP54 |
| Stootbestendigheid                           | IK08        |
| Glow Wire Test                               | 750 °C      |

#### OPTIC AND ILLUMINATING FEATURES

|                                    |  |
|------------------------------------|--|
| Optiek                             | Wide opal  |
| Unified Glare Rating               | -  |
| Lumen-vermogen (lm)                | 1200   |
| Efficacy (lm/W)                    | 100  |
| Kleurtemperatuur                   | 3000 K   |
| Colour Rendering Index             | CRI 80   |
| Standard Deviation Colour Matching | SDCM = 5   |
| Photobiological Risk Class         | RG0  |
| Standaard                          | EN 60598-1; EN 60598-2-1; IEC/TR 62778; EN 62493 |

#### ELETRICAL AND LIGHTING FEATURES

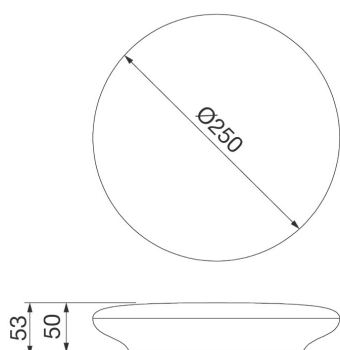
|                          |                           |
|--------------------------|---------------------------|
| Voedings-spanning        | 220-240 V                 |
| Nominale frequentie (Hz) | 50 / 60                   |
| Driver                   | Ingebouwd                 |
| Driver failure rate      | F025 (Tq=25°C) = 50.000 h |
| Overvoltage protection   | DM 0,5 kV                 |
| Control System           | ON / OFF                  |

#### INSTALLATION AND MAINTENANCE

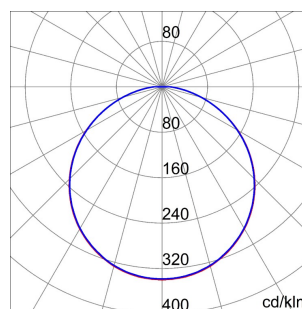
|                             |                                   |
|-----------------------------|-----------------------------------|
| Mounting and installation   | Ceiling - Wall                    |
| Tilt                        | -                                 |
| Wiring                      | With integrated terminal          |
| Bevestiging                 | Via integrated rear steel bracket |
| Light source replaceability | Non-replaceable                   |
| Controlgear replaceability  | Non-replaceable                   |

|                                     |           |
|-------------------------------------|-----------|
| Driver Box                          | Ingebouwd |
| Maximum surface exposed to the wind | -         |

#### DIMENSIONAL



#### PHOTOMETRIC DISTRIBUTION



#### TECHNICAL SYMBOLOGY



IP

IK

GWT

## STANDARDS/APPROVALS



Data, measures, designs and pictures are for information purpose only, last update 11/05/2024. 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](http://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>.