

ELIA PL



ELIA PL IP65 is a modular recessed LED luminaire for indoor applications which require a high resistance against penetration of water and dust, such as high-humidity ambients and clean rooms. Available in 3 different sizes (300 x 1200 mm, 600 x 600 mm and 620 x 620 mm), it is suitable for flush-mounting in modular ceilings and can alternatively be ceiling or suspension-mounted using dedicated accessories (to be ordered separately). The range allows for great flexibility with its possible combinations of colour temperatures: it can be ordered in 3,000 K (warm white) or 4,000 K (neutral white), both with a colour rendering index (CRI) of 80. The luminaire is equipped with an opal diffuser with UGR lower than 22 and with an On/Off external power supply which is also IP65-rated (included with the product). Both sides of the luminaire are IP65 rated.

GENERAL INFORMATION

| | |
|----------------------------------|--------------------------|
| Context | High-humidity interiors |
| Luminaire | Modular LED luminaire |
| Toepassing | Intern |
| Unique digital code (Datamatrix) | Currently not present |
| Kleur | Wit |
| Type lichtbron | LED |
| System vermogen | 36 W |
| LED Lifetime | L80B50 (Tq25°) = 50.000h |
| Gewicht (kg) | 3.31 |
| Garantie | 5 jaar |
| Opslagtemperatuur | -20° +65° |
| Operating temperature | -20° +45° |

OPTIC AND ILLUMINATING FEATURES

| | |
|------------------------------------|--|
| Optiek | Wide opal |
| Unified Glare Rating | UGR < 22 |
| Lumen-vermogen (lm) | 3300 |
| Efficacy (lm/W) | 92 |
| Kleur temperatuur | 3000 K |
| Colour Rendering Index | CRI 80 |
| Standard Deviation Colour Matching | SDCM ≤ 6 |
| Photobiological Risk Class | RG1 |
| Standaard | EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493 |

ELETRICAL AND LIGHTING FEATURES

| | |
|--------------------------|------------|
| Voedings-spanning | 200-240 V |
| Nominale frequentie (Hz) | 50 - 60 Hz |

MATERIALS

| | |
|----------------|------------------------------------|
| Body | Aluminium |
| Type plaat | PMMA + PS |
| Optic | High-diffusion opalescent diffuser |
| Gasket | - |
| Locking Hook | - |
| External screw | Stainless steel |
| Colour | Powder coating |

| | |
|------------------------|---------------------------------|
| Driver | External IP65 driver - Included |
| Driver failure rate | F025 (Tq=25°C) = 50.000 h |
| Overvoltage protection | DM 2 kV |
| Control System | ON / OFF |

INSTALLATION AND MAINTENANCE

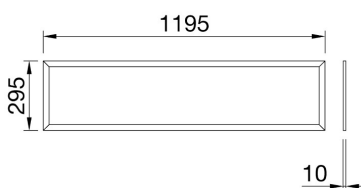
| | |
|-----------------------------|---|
| Mounting and installation | Recessed (ceiling-mounted and hanging require separately ordered accessories) |
| Tilt | With suspension adjustment Kit |
| Wiring | With power cable |
| Bevestiging | Free-standing or via separately ordered accessories |
| Light source replaceability | Non-replaceable |
| Controlgear replaceability | By professional |

STANDARDS AND APPROVALS

| | |
|--|---------------|
| Classificering | - |
| Toestel met verlaagde oppervlaktetemperatuur | - |
| DIN 18032-3-certificering | Not available |
| IPEA | - |
| Isolatie-klasse | II |
| IP-graad | IP65 |
| Stootbestendigheid | IK03 |
| Glow Wire Test | 650 °C |

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

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION

ELIA PL

TECHNICAL SYMBOLOGY



IP
IP65

IK
IK03

GWT
650 °C

STANDARDS/APPROVALS

