

### ELIA PL - Panel LED



ELIA PL is a LED lowbay for lighting offices, available in square or rectangular versions with a frame in white powder-coated die-cast aluminium and two types of PMMA shield, a high-efficiency micro-prism version with a UGR of less than 19 and an opal version with an UGR of 22. ELIA PL can be flush-mounted in false ceilings with standard panels, or alternatively, can be ceiling or suspension-mounted using the accessories provided separately. The family of products is available with a colour temperature of 3,000K (warm white) or 4,000K (neutral white), a colour rendering index of more than 80 or more than 90 and a separate electronic power supply supplied as part of a kit, in On/Off or DALI versions. ELIA PL is easy to install thanks to the reduced weight of the device and the connector for electrical wiring which enables connection to the remote power supply.

#### GENERAL INFORMATION

|                                  |                            |
|----------------------------------|----------------------------|
| Context                          | Illuminazione di interni   |
| Luminaire                        | Apparecchio a LED modulare |
| Application                      | Internal                   |
| Unique digital code (Datamatrix) | Currently not present      |

|                      |                          |
|----------------------|--------------------------|
| Colour               | White                    |
| Type of light source | LED                      |
| System power         | 33 W                     |
| LED Lifetime         | L80B50 (Tq25°) = 50.000h |
| Weight (kg)          | 2.6                      |

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

#### MATERIALS

|             |  |
|-------------|--|
| Body        | Aluminium                                    |
| Shield type | PMMA   |
| Optic       | Diffusore microprismatico ad alta efficienza |

|              |   |
|--------------|---|
| 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                               | IP20 - IP40 |
| Mechanical resistance                   | IK03        |
| Glow Wire Test                          | 650 °C      |

#### OPTIC AND ILLUMINATING FEATURES

|                                    |  |
|------------------------------------|--|
| Optic                              | Microprismatic                                   |
| Unified Glare Rating               | UGR<19   |
| Lumen output (lm)                  | 3300   |
| Efficiency (lm/W)                  | 100  |
| Colour temperature                 | 3000 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 |

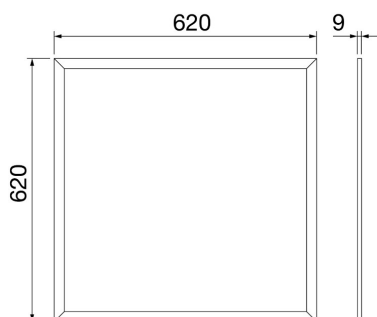
#### ELETRICAL AND LIGHTING FEATURES

|                        |                           |
|------------------------|---------------------------|
| 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 1 kV                   |
| Control System         | DALI                      |

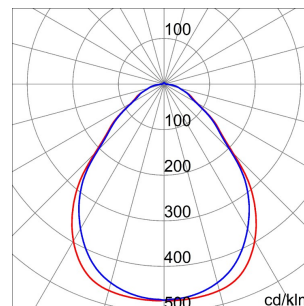
#### INSTALLATION AND MAINTENANCE

|                                     |   |
|-------------------------------------|---|
| Mounting and installation           | Ad incasso (a plafone e a sospensione tramite accessori ordinabili separatamente) |
| Tilt                                | With suspension adjustment Kit  |
| Wiring                              | With connection terminal on driver  |
| Fixing                              | Ad appoggio o tramite accessori ordinabili separatamente                          |
| Light source replaceability         | Non-replaceable   |
| Controlgear replaceability          | By professional   |
| Driver Box                          | -   |
| Maximum surface exposed to the wind | -   |

#### DIMENSIONAL



#### PHOTOMETRIC DISTRIBUTION



#### TECHNICAL SYMBOLOGY



IP

IP20 - IP40

IK

IK03

GWT

650 °C

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## STANDARDS/APPROVALS

