

Product Data Sheet GWF1100NC840

ELIA FL



ELIA FL is an LED floodlight, available in medium and high-power versions for outdoor and indoor applications in industrial, tertiary and sports contexts, such as façades, warehouses, car parks and sports fields. Available in 4 different sizes and power steps (50 W, 100 W, 150 W and 200 W), the range allows for great flexibility with its multiple possible combinations: 3 colour temperature options (3,000 K warm white, 4,000 K neutral white and 5,700 K cool white) with a colour rendering index of more than 80; 2 integrated power supply options (On/Off and DALI); and 2 optics options (60° and asymmetrical). The luminaire can be ceiling, wall or floor-mounted through the integrated adjustable steel bracket with a protractor, or pole-mounted (in poles with diameter up to 61 mm) through a dedicated accessory (to be ordered separately). Thanks to its black powder-coated die-cast aluminium body and its front glass, the fixture is tough, durable (IP66 and IK08) and is able to withstand harsh environmental conditions (such as ambient temperature variations from -30°C to +50°C).

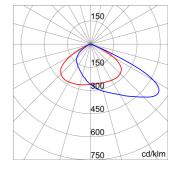
| GENERAL INFORMATIO | N - | OPTIC AND ILLUMINATING FEATU | RES - |
|---|---|------------------------------------|--|
| Context In | dustry, logistics, facades, sporting facilities and outdoor area lighting | Optic | Asymmetrical |
| Luminaire | LED luminaire with mid and high lumen power | Unified Glare Rating | ULOR = 0% |
| Application | Indoor / Outdoor | Lumen output (lm) | 13400 |
| Unique digital code (Datar | natrix) Currently not present | Efficacy (Im/W) | 134 |
| Colour | Black | Colour temperature | 4000 K |
| Type of light source | LED | Colour Rendering Index | CRI 80 |
| System power | 100 W | Standard Deviation Colour Matching | SDCM = 5 |
| LED Lifetime | L80B50 (Tq=25°C) = 80.000 h | Photobiological Risk Class | RG1 |
| Weight (kg) | 2.6 | Standard | EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 |
| Warranty 5 years | | ELETRICAL AND LIGHTING FEATURES - | |
| Stocking temperature | -40° +80° | Supply voltage | 220-240 V |
| Operating temperature | -30°C ÷ +50 °C | Rated frequency (Hz) | 50/60 Hz |
| MATERIALS | - | Driver | Built-in |
| Body | Die-cast aluminium - | Driver failure rate | F10 (Tg=25°C) > 80.000 h |
| Shield type | Tempered 4mm-thick surface glass with Gewiss logo | Overvoltage protection | DM 4 kV/ CM 4 kV |
| Optic | High-efficiency lens and reflector unit | Control System | ON / OFF |
| Gasket | - | INSTALLATION AND MAINTENANC | E - |
| Locking Hook | - | Mounting and installation | Floodlight mast - Ceiling - Wall - Ground |
| External screw | Stainless steel | Tilt | Rotation on bracket with integrated goniometer |
| Colour | Powder coating | Wiring | With power cable |
| STANDARDS AND APPROVALS | | Fixing | Via integrated bracket |
| Classification | - | Light souce replaceability | Non-replaceable |
| Device with reduced surface temperature - | | Controlgear replaceability | By professional |
| DIN 18032-3 certification | Not available | Driver Box | Built-in |
| IPEA | - | Maximum surface exposed to the win | d 0,055 m2 |
| Insulation class | | | Built-in |
| IP degree | IP66 | | - |
| Mechanical resistance | IK08 | | - |
| Glow Wire Test | 750 °C | | - |

DIMENSIONAL

315

231

PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY

246

270







60









IK IK08

GWT 750 °C



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STANDARDS/APPROVALS





