

Product Data Sheet

GWF1100HC857

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 INFORMATION | | OPTIC AND ILLUMINATING FEATURES | |
|---|---|-------------------------------------|--|
| Context | Industry, 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) | 6400 |
| Unique digital code (Datamatrix) | Currently not present | Efficacy (lm/W) | 128 |
| Colour | Black | Colour temperature | 5700 K |
| Type of light source | LED | Colour Rendering Index | GRI 80 |
| System power | 50 W | Standard Deviation Colour Matching | SDCM = 5 |
| LED Lifetime | L80B50 (Tq=25°C) > 75.000 h | Photobiological Risk Class | RG1 |
| Weight (kg) | 1.7 | Standard | EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 |
| Warranty | 5 years | ELECTRICAL 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 (Tq=25°C) > 80.000 h |
| Shield type | Tempered 4mm-thick surface glass with Gewiss logo | Overvoltage protection | DM 1KV / CM 2KV |
| Optic | High-efficiency lens and reflector unit | Control System | ON / OFF |
| Gasket | - | INSTALLATION AND MAINTENANCE | |
| 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 source replaceability | Non-replaceable |
| Device with reduced surface temperature | - | Controlgear replaceability | By professional |
| DIN 18032-3 certification | - | Driver Box | Built-in |
| IPEA | - | Maximum surface exposed to the wind | 0,04 m2 |
| Insulation class | I | | Built-in |
| IP degree | IP66 | | Built-in |
| Mechanical resistance | IK08 | | Built-in |
| Glow Wire Test | 750 °C | | Built-in |

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION

TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
750 °C

Product Data Sheet
GWF1100HC857

ELIA FL

STANDARDS/APPROVALS

