

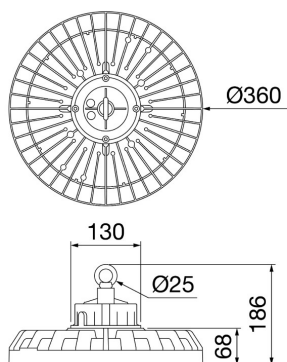
### ELIA HL - Highbay LED



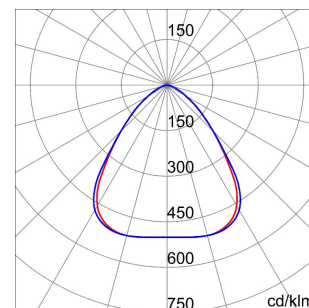
ELIA HL is a suspended LED device designed for lighting production and logistics areas in industrial environments with mid-high ceilings, where high levels of performance and luminous flux are required. Crafted from black powder-coated die-cast aluminium with integrated cooling fins, it is available in two sizes and powers, with integrated power supply in the On/Off or DALI options, three types of optic with polycarbonate lenses (60°, 90° and 120° with a colour temperature of 4,000K (neutral white) and a colour rendering index of more than 80. Tough and durable, ELIA HL has been designed to withstand surges of up to 4kV and temperature variations from -30 °C to + 50 °C, and offers protection from water and dust penetration of up to level IP65 and impacts of up to level IK08. ELIA HL is quick and easy to install thanks to its limited weight and the hook attachment on the upper part of the device.

| GENERAL INFORMATION                           |                                     | OPTIC AND ILLUMINATING FEATURES    |                            |
|---|-------------------------------------|------------------------------------|----------------------------|
| Context                                       | Industry, Logistic                  | Optică                             | 90°                        |
| Luminaire                                     | LED luminaire with high lumen power | Unified Glare Rating               | -                          |
| Aplicație                                     | Intern / Extern                     | Lumină ieșire (lm)                 | 16100                      |
| Unique digital code (Datamatrix)              | Currently not present               | Efficiency (lm/W)                  | 134                        |
| Culoare                                       | Negru                               | Culoare Temperatură                | 4000 K                     |
| Tip sursă de lumină                           | LED - Neînlocuibil                  | Color Rendering Index              | CRI 80                     |
| Puterea sistemului                            | 120 W                               | Standard Deviation Colour Matching | SDCM = 5                   |
| LED Lifetime                                  | L80B50 (Tq25°) = 115.000h           | Photobiological Risk Class         | RG0                        |
| Greutate (Kg)                                 | 3.9                                 | Standard                           | -                          |
| Garanție                                      | 5 ani                               | ELETRICAL AND LIGHTING FEATURES    |                            |
| Temperatură de stocare                        | -40° +85°                           | Tensiune de alimentare             | 100-240 V                  |
| Operating temperature                         | -30° +50°                           | Frecvență nominală (Hz)            | 50 / 60                    |
| MATERIALS                                     |                                     | Driver                             | Included                   |
| Body  | Aluminiu turnat                     | Driver failure rate                | F05 = 82.000h Tq 25°C      |
| Ecran   | -                                   | Overvoltage protection             | Overvoltage protection 4kV |
| Optic   | With high efficiency optic system   | Control System                     | PORNIT OPRIT               |
| Gasket  | -                                   | INSTALLATION AND MAINTENANCE       |                            |
| Locking Hook                                  | -                                   | Mouting and installation           | Suspensie                  |
| External screw                                | Oțel                                | Tilt                               | -                          |
| Colour  | Powder coating                      | Wiring                             | With power cable           |
| STANDARDS AND APPROVALS                       |                                     | Prindere                           | -                          |
| Clasificare                                   | -                                   | Optic Maintenance                  | Not available              |
| Dispozitiv cu temperatură la suprafață redusă | -                                   | LED Maintenance                    | Not available              |
| Certificare DIN 18032-3                       | -                                   | Driver Box                         | Independent driver unit    |
| IPEA  | -                                   | Suprafață maximă expusă la vânt    | -                          |
| Clasă izolație                                | I                                   | -                                  | -                          |
| Clasă de protecție IP                         | IP65                                | -                                  | -                          |
| Cod IK  | IK08                                | -                                  | -                          |
| Glow Test conductori                          | 750 °C                              | -                                  | -                          |

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



### TECHNICAL SYMBOLOGY



**IP**  
IP65

**IK**  
IK08

**GWT**  
750 °C

### STANDARDS/APPROVALS

Data, measures, designs and pictures are for information purpose only, last update 19/08/2021. 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>. - 1 of 2



Product Data Sheet  
GWF1000ML840

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