Product Data Sheet

GWF1100ZH840

ELIA FL

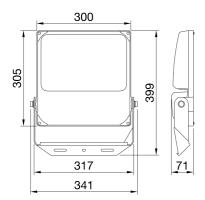


ELIA FL is an LED floodlight, available in medium and high-power versions for outdoor and indoor applications in industrial, tertiary and sports contexts, such as façades, warehouses, car parks and sports fields. Available in 4 different sizes and power steps (50 W, 100 W, 150 W and 200 W), the range 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).

Context Industry, logistics, facades, sporting facilities and outdoor area lighting area lighting area lighting. Optic 66°° Luminaire LED luminaire with mid and high lumen power Lend in Indoor / Outdoor Unified Glare Rating ULOR = 0% Application Indoor / Outdoor Efficacy Lumen output (Im) 27900 Unique digital code (Datamatrix) Currently not present Efficacy 1400 Colour Black Colour temperature Colour temperature 4000 K Type of light source LED Lifetime LEO Lifetime	GENERAL INFORMATION	ON	- OPTIC AND ILLUMINATING FEAT	URES -
Application Indoor / Outdoor Lumen output (Im) 27900 Unique digital code (Datamatrix) Currently not present to Unique digital code (Datamatrix) Efficacy (Im/W) 140 Colour Black Colour temperature 4000 K Type of light source LED Colour Rendering Index CRI 80 System power L80B50 (Tq=25°C) = 80.000 h Photobiological Risk Class RC1 LED Lifetime L80B50 (Tq=25°C) = 80.000 h Photobiological Risk Class RC6 Weight (kg) 4.8 Standard Deviation Colour Matching SDCM = 5 Stocking temperature 5 years Standard Deviation Colour Matching RC6 10 Varranty 5 years Standard Deviation Colour Matching SDCM = 5 Stocking temperature 4.0° +80° Standard Deviation Colour Matching SDCM = 5 Stocking temperature 4.0° +80° Standard Deviation Colour Matching SDCM = 5 Stocking temperature 4.0° +80° Supply voltage 8.0° 598-1; EN 60598-2-5; IEC/TR 62778; EN 6278; EN 60598-2-5; IEC/TR 62778; EN 6278; EN 60598-2-5; IEC/TR 62778; EN 6278; EN 6279; EN	Context I			60°
Unique digital code (Datamatrix) Currently not present Colour Black Colour temperature Colour Rendering Index Co	Luminaire	<u> </u>	· ·	ULOR = 0%
Colour Black Type of light source LED Colour Rendering Index CRI 80 System power 200 W Standard Deviation Colour Matching SDCM = 5 LED Lifetime L80850 (Tq=25°C) = 80.000 h Photobiological Risk Class RG1 Weight (kg) 4.8 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 (Tq=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 MAINTENANCE - External screw Stainless steel Tilt Rotation on bracket with integrated goniometer Colour Powder coating Wiring	Application	Indoor / Outdo	or Lumen output (Im)	27900
Type of light source LED Colour Rendering Index CRI 80 System power 200 W Standard Deviation Colour Matching SDCM = 5 LED Lifetime L80B50 (Tq=25°C) = 80.000 h Photobiological Risk Class RG1 Weight (kg) 4.8 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EM 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) 55/60 Hz MATERIALS - Driver Built-in Body Die-cast aluminium - Gewiss loop Oriver failure rate F10 (Tq=25°C) > 80.000 h Shield type Tempered 4mm-thick surface glass with Gewiss loop Overvoltage protection DM 4 kV/ CM 4 kV Optic High-efficiency lens and reflector unit Gewiss loop Control System ON / OFF Gasket - INSTALLATION AND MAINTENANCE - Locking Hook Stainless steel Tilt Rotation on bracket with integrated goniometer Colour <	Unique digital code (Data	matrix) Currently not prese		140
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Stocking temperature -40° +80° Supply voltage 220-240 V 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 4 kV/ CM 4 kV Optic High-efficiency lens and reflector unit Gasket 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 souce replaceability Non-replaceable	Weight (kg)	4	8.8 Standard	
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Shield type Tempered 4mm-thick surface glass with Gewiss logo Optic High-efficiency lens and reflector unit Casket Locking Hook External screw Stainless steel Colour Powder coating STANDARDS AND APPROVALS Classification Tempered 4mm-thick surface glass with Gewiss logo Control System Non-replaceable Control System Non-replaceable Control System Non-replaceable Control System Non-replaceable Non-replaceable	MATERIALS		- Driver	Built-in
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ColourPowder coating STANDARDS AND APPROVALSWiringWith power cable FixingClassification-Light souce replaceabilityNon-replaceable	Locking Hook		 Mounting and installation 	Floodlight mast - Ceiling - Wall - Ground
STANDARDS AND APPROVALS - Fixing Classification - Light souce replaceability Non-replaceable	External screw	Stainless ste	eel Tilt	
Classification - Light souce replaceability Non-replaceable	Colour	Powder coatir	ng Wiring	With power cable
	STANDARDS AND APP	ROVALS	- Fixing	Via integrated bracket
Device with reduced surface temperature - Controlgear replaceability By professional	Classification		- Light souce replaceability	Non-replaceable
	Device with reduced surfa	ace temperature	- Controlgear replaceability	By professional
DIN 18032-3 certification - Driver Box Built-in			- Driver Box	Built-in
IPEA - Maximum surface exposed to the wind 0,095 m2	IPEA		- Maximum surface exposed to the w	ind 0,095 m2
Insulation class I Built-in	Insulation class		1	Built-in
IP degree IP66 Built-in	IP degree	IP6	66	Built-in
Mechanical resistance IK08 Built-in		IKO	08	Built-in
Glow Wire Test 750 °C Built-in	Glow Wire Test	750 °	°C	Built-in

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY















IK IK08 **GWT** 750 °C

Product Data Sheet GWF1100ZH840

ELIA FL

STANDARDS/APPROVALS

