Product Data Sheet

GWF1100HH830

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 floormounted 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 powdercoated 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).

Luminaire LED luminaire with mid and high lumen power	GENERAL INFORMATION -		OPTIC AND ILLUMINATING FEATURES -	
Application Indoor / Outloor Lumen output (Im) 6600	Context Indus		Optic	60°
Unique digital code (Datamatrix) Currently not present Efficacy (ImW) 132 Colour Black Colour temperature 3000 K Type of light source LED Colour Rendering Index CR18 0 System power 50 W Stander Deviation Colour Matching SDCM = 5 LED Lifetime L80850 (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 Warrantly 5 years Standard ELETRICAL AND LIGHTING FEATURES - 62493 Warrantly 5 years Supply voltage 220-240 V Operating temperature -30°C + +50°C Rated frequency (Hz) 50/60 Hz MATERIALS - Driver Rated frequency (Hz) 50/60 Hz Body Die-cast alluminum- Driver failure rate F10 (Tq=25°C) ≈ 80000 h Shield type Tempered 4mm-thick surface glass with Gewiss logo Control System ON / OFF Gasket - INSTALLATION AND MAINTENANCE Till (Tq=25°C) ≈ 80000 h Non-replaceable External screw Stainles	Luminaire	9	Unified Glare Rating	ULOR = 0%
Colour	Application	Indoor / Outdoor	Lumen output (Im)	6600
Type of light source LED System power Colour Rendering Index System power CRI 80 System power SOW Standard Deviation Colour Matching CRI 80 Standard Deviation Colour Matching SDCM = 5 Standard Deviation Colour Matching REG1 Weight (kg) 1.7 Standard Deviation Colour Matching EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 REG1 Warranty 5 years Standard Deviation Colour Matching EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 62493 Warranty 5 years Stocking temperature - 40° + 80° C Supply voltage 200-240 V 200-240 V Supply voltage 200-240 V 200-240 V Supply voltage 200-240 V Purver Built-in Driver Driver Supply voltage 200-240 V Supply voltage 200-240 V Overvoltage protection Driver faulter rate F10 (Tq-25°C) > 80.000 h <td< td=""><td>Unique digital code (Datamatr</td><td>ix) Currently not present</td><td></td><td>132</td></td<>	Unique digital code (Datamatr	ix) Currently not present		132
System power 50 W	Colour	Black	Colour temperature	3000 K
LÉD Lifetime L80B50 (Tq=25°C) > 75.000 h Photobiological Risk Class RG 1 Weight (kg) 1.7 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 Warranty 5 years ELETRICAL AND LIGHTING FEATURES - Stocking temperature -30°C + +50°C Supply voltage 220-240 V Operating temperature -30°C + +50°C Rated frequency (Hz) 50/60 Hz 50/60 Hz MATERIALS Die-cast aluminium - Shield type Die-cast aluminium - Gewiss logo Driver Built-in Optic Tempered 4mm-thick surface glass with Gewiss logo Overvoltage protection Driver failure rate F10 (Tq=25°C) > 80.000 h Optic High-efficiency lens and reflector und External screw Tempered 4mm-thick surface glass with Gewiss logo Overvoltage protection Overvoltage protection Driver failure rate F10 (Tq=25°C) > 80.000 h Locking Hook Tempered 4mm-thick surface glass with Gewiss logo Mounting and installation Floodlight mast - Ceiling - Wall - Ground External screw Stainless steel Tilt Rotation on bracket with integrated on the certain of the certai	Type of light source	LED	Colour Rendering Index	CRI 80
Meight (kg)	System power	50 W	Standard Deviation Colour Matching	SDCM = 5
Warranty 5 years Stocking temperature 40° +80° Supply voltage 220-240 V Operating temperature -30°C +50°C Rated frequency (Hz) 50/60 Hz MATERIALS - Driver Staller rate F10 (Tq=25°C) > 80.000 h Shield type Tempered 4mm-thick surface glass with Gewiss logo Optic High-efficiency lens and reflector unit Stallator Stallers steel Locking Hook - Mounting and installation Floodlight mast - Ceiling - Wall - Ground External screw Stainless steel Closur Powder coating Wiring Rotation on bracket with integrated STANDARDS AND APPROVALS - Fixing Wiring Non-replaceable Device with reduced surface temperature - Control Gar replaceability Stocker elapses with reduced surface temperature - Control Gar Powder coating Diviser Box - Built-in IPEA - Maximum surface exposed to the wind Insulation class - Built-in Mechanical resistance - IK08 Built-in Mechanical resistance - IK08 Built-in Glow Wire Test - T50 °C C	LED Lifetime	L80B50 (Tq=25°C) > 75.000 h	Photobiological Risk Class	RG1
Stocking temperature 40° +80° Supply voltage 220-240 V Operating temperature -30°C + +50°C Rated frequency (Hz) 50/60 Hz MATERIALS 0 Priver 1 Priver 1 Bolt-1 Body Die-cast aluminium - Shield type 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 reflect or unit Gewiss logo Control System Overvoltage protection ON / OFF Gasket - Unit of System Fixal LATION AND MAINTENANCE - ON / OFF ON / OFF Locking Hook - Stainless steel Tilt Rotation on bracket with integrated bracket with integrated gracket with ground bracket with integrated bracket with growing and installation Floodlight mast - Ceiling - Wall - Ground Bracket with growing and installation Floodlight mast - Ceiling - Wall - Ground Bracket with growing and installation Floodlight mast - Ceiling - Wall - Ground Bracket with growing and installation Floodlight mast - Ceiling - Wall - Ground Bracket with integrated bracket With growing and installation Floodlight mast - Ceiling - Wall - Ground Bracket with integrated bracket With growing and installation Itight source replaceability With power cable With growing and	Weight (kg)	1.7	Standard	
Operating temperature -30°C + +50 °C Rated frequency (Hz) 50/60 Hz MATERIALS Diver Driver Built-in Body Tempered 4mm-thick surface glass with Gewiss logo Overvoltage protection F10 (Tq=25°C) > 80.000 h Optic High-efficiency lens and reflector unit Gewiss logo Control System ON / OFF Gasket INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation Floodlight mast - Ceiling - Wall - Ground Stainless steel 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 Non-replaceable Device with reduced surface temperature - Controlgear replaceability Built-in IPEA - Maximum surface exposed to the wind 0,04 m2 Insulation class I IP degree IR66 Built-in Mechanical resistance IK08 Built-in Glow Wire Test 750 °C	Warranty	5 years	ELETRICAL AND LIGHTING FEATU	IRES -
MATERIALS Driver failure rate 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 Gewiss logo Control System ON / OFF Gasket INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation Floodlight mast - Ceiling - Wall - Ground Rotation on bracket with integrated genomineter External screw Stainless steel Tilt Rotation on bracket with integrated genomineter Colour Powder coating STANDARDS AND APPROVALS Fixing Wiring With power cable STANDARDS AND APPROVALS - Light souce replaceability Non-replaceable Device with reduced surface temperature - Controlgear replaceability Non-replaceable Device with reduced surface temperature - Driver Box Built-in IPEA - Maximum surface exposed to the wind 0,04 m2 Insulation class IP degree IR68 Built-in	Stocking temperature	-40° +80°	Supply voltage	220-240 V
Body Die-cast aluminium - Shield type 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 souce replaceability Non-replaceable Device with reduced surface temperature Controlgear replaceability By professional DIN 18032-3 certification Driver Box Built-in IPEA Awaimum surface exposed to the wind 0,04 m2 Insulation class I P degree 1P6 Built-in Mechanical resistance IK08 Built-in Glow Wire Test 750 °C	Operating temperature	-30°C ÷ +50 °C	Rated frequency (Hz)	50/60 Hz
Shield type Tempered 4mm-thick surface glass with Gewiss logo Optic High-efficiency lens and reflector unit Gasket Locking Hook External screw Stainless steel Colour STANDARDS AND APPROVALS Classification Classification Device with reduced surface temperature Device placeability Non-replaceable Non-replaceable Device with reduced surface temperature Device with reduced surface to surface to surface temperature Device with reduced surface to	MATERIALS	-	Driver	Built-in
Optic High-efficiency lens and reflector unit Gasket - INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation Floodlight mast - Ceiling - Wall - Ground External screw Stainless steel Colour Powder coating Wiring Miring Miring With power cable STANDARDS AND APPROVALS - Fixing Wiring Wiring With power cable Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature DIN 18032-3 certification - Driver Box Built-in IPEA - Maximum surface exposed to the wind Built-in Glow Wire Test 750 °C	Body	Die-cast aluminium -	Driver failure rate	F10 (Tq=25°C) > 80.000 h
Gasket - INSTALLATION AND MAINTENANCE Locking Hook - Mounting and installation Floodlight mast - Ceiling - Wall - Ground External screw Stainless steel Colour Powder coating Wiring Rotation on bracket with integrated gonimeter 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 - Driver Box Built-in PEA - Maximum surface exposed to the wind IPP66 Built-in Mechanical resistance IK08 Built-in Glow Wire Test T50 °C	Shield type		Overvoltage protection	DM 1KV / CM 2KV
Locking Hook - Mounting and installation Floodlight mast - Ceiling - Wall - Ground External screw Stainless steel Colour Powder coating Wiring 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 - Driver Box Built-in IPEA - Maximum surface exposed to the wind 0,04 m2 Insulation class I I P degree IP66 Built-in Mechanical resistance IK08 Built-in Glow Wire Test T50 °C	Optic	High-efficiency lens and reflector unit	Control System	ON / OFF
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 - Driver Box Built-in IPEA - Maximum surface exposed to the wind 0,04 m2 Insulation class I P degree 166 Built-in Mechanical resistance IKO8 Built-in Glow Wire Test 750 °C	Gasket	_	INSTALLATION AND MAINTENANCE -	
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 - Driver Box Built-in IPEA - Maximum surface exposed to the wind 0,04 m2 Insulation class I IP degree IP66 Built-in Mechanical resistance IK08 Built-in Glow Wire Test 750 °C	Locking Hook	-	Mounting and installation	Floodlight mast - Ceiling - Wall - Ground
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 - Driver Box Built-in IPEA - Maximum surface exposed to the wind 0,04 m2 Insulation class I IP degree IP66 Built-in Mechanical resistance IK08 Built-in Glow Wire Test 750 °C	External screw	Stainless steel	Tilt	
Classification - Light souce 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 IP degree IP66 Built-in Mechanical resistance IK08 Built-in Glow Wire Test 750 °C	Colour	Powder coating	Wiring	With power cable
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 IP degree IP66 Built-in Mechanical resistance IK08 Built-in Glow Wire Test 750 °C	STANDARDS AND APPROV	ALS -	Fixing	Via integrated bracket
DIN 18032-3 certification - Driver Box Built-in IPEA - Maximum surface exposed to the wind 0,04 m2 Insulation class I IP degree IP66 Built-in Mechanical resistance IK08 Built-in Glow Wire Test 750 °C	Classification	-	Light souce replaceability	Non-replaceable
IPEA - Maximum surface exposed to the wind 0,04 m2 Insulation class I IP degree IP66 Built-in Mechanical resistance IK08 Built-in Glow Wire Test 750 °C	Device with reduced surface t	emperature -	Controlgear replaceability	By professional
Insulation class I IP degree IP66 Built-in Mechanical resistance IK08 Built-in Glow Wire Test 750 °C	DIN 18032-3 certification -		Driver Box	Built-in
Built-in Mechanical resistance IK08 Built-in Glow Wire Test 750 °C	IPEA	-	Maximum surface exposed to the win	d 0,04 m2
Built-in Glow Wire Test 750 °C	Insulation class		IP degree	IP66
		Built-in	Mechanical resistance	IK08
Puilt in		Built-in	Glow Wire Test	750 °C
Duilt-III		Built-in		

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION

TECHNICAL SYMBOLOGY













IK **IK08**

GWT 750 °C

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ELIA FL

STANDARDS/APPROVALS

