Product Data Sheet

GWF1100ZC830

ELIA FL

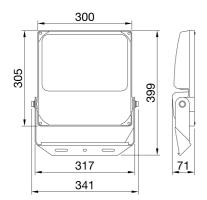


ELIA FL is an LED floodlight, available in medium and high-power versions for outdoor and indoor applications in industrial, tertiary and sports contexts, such as façades, warehouses, car parks and sports fields. Available in 4 different sizes and power steps (50 W, 100 W, 150 W and 200 W), the range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

Luminaire LED luminaire with mid and high lumen power Application Indoor / Outdoor Unique digital code (Datamatrix)	GENERAL INFORMATION -		OPTIC AND ILLUMINATING FEATURES -	
Application Indoor / Outdoor Efficacy Indoor Currently not present Efficacy Indoor Ind	Context I		Optic	Asymmetrical
Drique digital code (Datamatrix)	Luminaire	· · · · · · · · · · · · · · · · · · ·	Unified Glare Rating	ULOR = 0%
Colour Black Colour Rendering Index Colour Matching SDCM = 5 Standard Deviation Colour Matching SDCM = 5 SDCM = 5 Standard Deviation Colour Matching SDCM = 5 SDCM	Application	Indoor / Outdoor	Lumen output (lm)	26600
System power	Unique digital code (Data	matrix) Currently not present		133
System power Substance S	Colour	Black	Colour temperature	3000 K
Photobiological Risk Class	Type of light source	LED	Colour Rendering Index	CRI 80
Weight (kg) 4.8 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 Warranty 5 years Stocking temperature 40° +80° Operating temperature 30° C + +50° C Operating temperature 30° C + + +50° C Operating temperature 30° C + + + + + + + + + + + + + + + + + +	System power	200 W	Standard Deviation Colour Matching	SDCM = 5
Marranty 5 years Stocking temperature 40° +80° Supply voltage 220-240 V Operating temperature -30°C + +50 °C Rated frequency (Hz) 5060 Hz MATERIALS 5000 Die-cast aluminum - Driver failure rate 5000 Driver failure rate 500	LED Lifetime	L80B50 (Tq=25°C) = 80.000 h	Photobiological Risk Class	RG1
Stocking temperature	Weight (kg)	4.8	Standard	
Operating temperature -30°C ÷ +50 °C MATERIALS - Driver	Warranty	5 years	ELETRICAL AND LIGHTING FEATU	IRES -
Driver State Driv	Stocking temperature	-40° +80°	Supply voltage	220-240 V
Body Die-cast aluminium - Shield type Tempered 4mm-thick surface glass with Gewiss logo Optic High-efficiency lens and reflector unit Cocking Hook Stainless steel External screw Stainless steel STANDARDS AND APPROVALS - Fixing Stainless Steel Classification - Locking Hook - Light souce replaceability Stainless steel Din 18032-3 certification - Stainless Stainless Steel Din 18032-3 certification - Stainless Stainless Steel Din 18032-3 certification - Stainless Stainless Stainless Steel Din 18032-3 certification - Stainless Stainle	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 Cocking Hook External screw Stainless steel Colour Foodur Foodur Forman Foodure STANDARDS AND APPROVALS Classification Colour Colour Forman Foodure Colour Forman Foodure Colour Forman Foodure Colour Foodure Forman Foodure Colour Forman Foodure Colour Forman Foodure Colour Forman Foodure Colour Forman Foodure Forman Foodure Colour Forman Foodure Fixing Fixing Fixing Fixing Fixing Fixing Foodure Foodure Foodure Forman Foodure Fixing Foodure Foodure Forman Foodure Fixing Foodure F	MATERIALS	-	Driver	Built-in
Gewiss logo 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 Rotation on bracket with integrated goniometer STANDARDS AND APPROVALS - Fixing Via integrated bracket Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature - Control gear replaceability By professional Din 18032-3 certification - Driver Box Built-in P degree 1P66 - Built-in Mechanical resistance - IK08	Body	Die-cast aluminium -	Driver failure rate	F10 (Tq=25°C) > 80.000 h
Assket - INSTALLATION AND MAINTENANCE Locking Hook - Mounting and installation Floodlight mast - Ceiling - Wall - Ground External screw Stainless steel Clour Powder coating Wiring Notation on bracket with integrated goniometer Wiring Wiring Via integrated bracket Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature - Controlgear replaceability Non-replaceable Din 18032-3 certification - Driver Box Built-in P degree IP66 Built-in Mechanical resistance IK08	Shield type		Overvoltage protection	DM 4 kV/ CM 4 kV
Locking Hook - Mounting and installation Floodlight mast - Ceiling - Wall - Ground External screw Stainless steel Clour 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 PEA - Maximum surface exposed to the wind 0,095 m2 Insulation class I Pdegree IP66 Built-in Mechanical resistance IK08	Optic	High-efficiency lens and reflector unit	Control System	ON / OFF
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 PEA - Maximum surface exposed to the wind 0,095 m2 Insulation class I P66 Built-in P64 Built-in P65 Built-in P66 Bui	Gasket	-	INSTALLATION AND MAINTENANC	E -
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 PEA - Maximum surface exposed to the wind 0,095 m2 Insulation class I P degree IP66 Mechanical resistance IK08 Wiring Wiring Wiring Wiring Via integrated bracket Controlgear replaceability By professional Driver Box Built-in Built-in Built-in Built-in	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 PEA - Maximum surface exposed to the wind 0,095 m2 Insulation class I Built-in P degree IP66 Built-in Mechanical resistance IK08 Built-in	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 PEA - Maximum surface exposed to the wind 0,095 m2 Insulation class I Built-in P degree IP66 Built-in Mechanical resistance IK08 Built-in	Colour	Powder coating	Wiring	With power cable
Device with reduced surface temperature - Controlgear replaceability By professional DIN 18032-3 certification - Driver Box Built-in PEA - Maximum surface exposed to the wind 0,095 m2 Insulation class I Built-in IP degree IP66 Built-in Mechanical resistance IK08 Built-in	STANDARDS AND APP	ROVALS	Fixing	Via integrated bracket
DIN 18032-3 certification - Driver Box Built-in IPEA - Maximum surface exposed to the wind 0,095 m2 Insulation class I Built-in IP degree IP66 Built-in Mechanical resistance IK08 Built-in	Classification	-	Light souce replaceability	Non-replaceable
DIN 18032-3 certification - Driver Box Built-in IPEA - Maximum surface exposed to the wind 0,095 m2 Insulation class I Built-in IP degree IP66 Built-in Mechanical resistance IK08 Built-in	Device with reduced surface temperature -		Controlgear replaceability	By professional
Insulation class I Built-in IP degree IP66 Built-in Mechanical resistance IK08 Built-in	DIN 18032-3 certification -		Driver Box	Built-in
P degree IP66 Built-in Mechanical resistance IK08 Built-in	IPEA	-	Maximum surface exposed to the win	d 0,095 m2
Mechanical resistance IK08 Built-in	Insulation class			Built-in
Mechanical resistance IK08 Built-in	IP degree	IP66		Built-in
Glow Wire Test 750 °C Built-in	Mechanical resistance	IK08		Built-in
	Glow Wire Test	750 °C		Built-in

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY















IK IK08

GWT 750 °C

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STANDARDS/APPROVALS

