Product Data Sheet

GWF1100NC830

ELIA FL

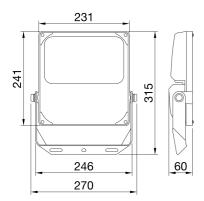


ELIA FL is an LED floodlight, available in medium and high-power versions for outdoor and indoor applications in industrial, tertiary and sports contexts, such as façades, warehouses, car parks and sports fields. Available in 4 different sizes and power steps (50 W, 100 W, 150 W and 200 W), the range 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 / Outdoor Efficacy Indoor / Outdoor Indoor / Ind	Context Ir		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 = 5 Standard Deviation Colour Matching SDCM = 5 SDC	Application	Indoor / Outdoor	Lumen output (lm)	12900
System power	Unique digital code (Data	matrix) Currently not present		129
System power	Colour	Black	Colour temperature	3000 K
Photobiological Risk Class	Type of light source	LED	Colour Rendering Index	CRI 80
Weight (kg) 2.6 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	100 W	Standard Deviation Colour Matching	SDCM = 5
Marranty Spears ELETRICAL AND LIGHTING FEATURES Control spears Supply voltage 220-240 V Supply voltage 20-240 V Supply	LED Lifetime	L80B50 (Tq=25°C) = 80.000 h	Photobiological Risk Class	RG1
Stocking temperature	Weight (kg)	2.6	Standard	
Operating temperature -30°C ÷ +50 °C MATERIALS - Driver	Warranty	5 years	ELETRICAL AND LIGHTING FEATU	RES -
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 Gasket	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 Minds - Ceiling - Wall - Ground External Screw Stainless Steel Colour Powder coating Wiring Non-replaceable 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 Pear Pears IP66 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 0,055 m2 Insulation class I Pege Built-in Pege Built-in Pege 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 0,055 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 0,055 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 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 0,055 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 0,055 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 0,055 m2 (Insulation class I Built-in P degree IP66 Built-in Mechanical resistance IK08 Built-in	STANDARDS AND APPR	ROVALS -	Fixing	Via integrated bracket
DIN 18032-3 certification - Driver Box Built-in IPEA - Maximum surface exposed to the wind 0,055 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 0,055 m2 Insulation class I Built-in IP degree IP66 Built-in Mechanical resistance IK08 Built-in	Device with reduced surface temperature -			
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 0,055 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

