

## Product Data Sheet GWF1100ZC840

ELIA FL

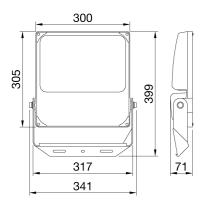


ELIA FL is an LED floodlight, available in medium and high-power versions for outdoor and indoor applications in industrial, tertiary and sports contexts, such as façades, warehouses, car parks and sports fields. Available in 4 different sizes and power steps (50 W, 100 W, 150 W and 200 W), the range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

area lighting LED luminaire with mid and high turnen power Application Indoor / Outdoor Unique digital code (Datamatrix) Currently not present Colour Black Colour Black Colour temperature Colour Black Colour temperature LED Lifetime LED	GENERAL INFORMATION -		OPTIC AND ILLUMINATING FEATURES -	
Application Indoor / Outdoor   Efficacy   138	Context In		Optic	Asymmetrical
Dinique digital code (Datamatrix)	Luminaire	LED luminaire with mid and high lumen	Unified Glare Rating	ULOR = 0%
Colour   Black   Colour Rendering Index   Colour Matching   SDCM = 5 Standard Deviation Colour Matching   Standard Poviation Colour Matching   Standard Deviation Colour Matching   Standard Poviation Colour Matching   Standard Cevises   Stan	Application	Indoor / Outdoor	Lumen output (Im)	27600
System power	Unique digital code (Datar	natrix) Currently not present		138
System power   Substitution   Subs	Colour	Black	Colour temperature	4000 K
ED Lifetime	Type of light source	LED	Colour Rendering Index	CRI 80
Weight (kg)  As a Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493  Warranty  Stocking temperature  40° +80°  Operating temperature  -30° C + +50° C  Stocking temperature  -30° C + +50° C  Supply voltage  220-240 V  Supply voltage  220-240 V  Rated frequency (Hz)  Shield type  Tempered 4mm-thick surface glass with Gewiss logo  Optic  High-efficiency lens and reflector unit  Cassket  Optic  High-efficiency lens and reflector unit  External screw  Stainless steel  Colour  Powder coating  Tilt  Rotation on bracket with Integrated goniometer with Int	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 500 Diver 1000 Policy 1000	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 Driver Built-in Built-in Body Die-cast aluminium - Oriver failure rate F10 (Tq=25°C) > 80.000 h Oriver F10 (Tq=25°C) > 80.00	Warranty	5 years	ELETRICAL AND LIGHTING FEATU	IRES -
Driver   Driver   Built-in	Stocking temperature	-40° +80°	Supply voltage	220-240 V
Discrete and provided by the control of the contr	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 Colo	MATERIALS	-	Driver	Built-in
Gewiss logo Optic High-efficiency lens and reflector unit Gasket - INSTALLATION AND MAINTENANCE - Cocking Hook - Mounting and installation Floodlight mast - Ceiling - Wall - Ground External screw Stainless steel Colour Powder coating Fixing Rotation on bracket with integrated goniometer STANDARDS AND APPROVALS - Fixing With power cable Powder with reduced surface temperature Count of Insulation PEA - Control gear replaceability Successification Not available PEA - Maximum surface exposed to the wind O,095 m2 Height and the process of the wind Peace Pea	Body	Die-cast aluminium -	Driver failure rate	F10 (Tq=25°C) > 80.000 h
Sasket	Shield type		Overvoltage protection	DM 4 kV/ CM 4 kV
Colour Powder coating Stainless steel Classification Pevice with reduced surface temperature DIN 18032-3 certification PEA Device with reduced surface temperature DIN 18032-3 certification PEA Device with reduced surface temperature DIN 18032-3 certification PEA Device with reduced surface temperature Din 18032-3 certification PEA Device with reduced surface temperature Din 18032-3 certification Din 18032	Optic	High-efficiency lens and reflector unit	Control System	ON / OFF
Stainless steel 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 Not available PEA - Maximum surface exposed to the wind 0,095 m2 nsulation class I Pege 1P66 - Mechanical resistance IK08	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 Not available Driver Box Built-in  PEA - Maximum surface exposed to the wind 0,095 m2  nsulation class I  P degree IP66 Built-in  P degree IP66  Mechanical resistance IK08	Locking Hook	-	Mounting and installation	Floodlight mast - Ceiling - Wall - Ground
Fixing Via integrated bracket Light souce replaceability Non-replaceable Device with reduced surface temperature - Controlgear replaceability By professional DiN 18032-3 certification Not available Driver Box Built-in PEA - Maximum surface exposed to the wind 0,095 m2 nsulation class I P66 Mechanical resistance IK08	External screw	Stainless steel	Tilt	
Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature - Controlgear replaceability By professional DIN 18032-3 certification Not available PEA - Maximum surface exposed to the wind 0,095 m2 Rullation class I Built-in P degree IP66 Mechanical resistance IK08	Colour	Powder coating	Wiring	With power cable
Device with reduced surface temperature - Controlgear replaceability By professional DIN 18032-3 certification Not available Driver Box Built-in PEA - Maximum surface exposed to the wind 0,095 m2 nsulation class I Built-in P degree IP66 - IK08	STANDARDS AND APPR	OVALS -	Fixing	Via integrated bracket
DIN 18032-3 certification         Not available         Driver Box         Built-in           PEA         -         Maximum surface exposed to the wind         0,095 m2           nsulation class         I         Built-in           P degree         IP66         -           Mechanical resistance         IK08         -	Classification	-	Light souce replaceability	Non-replaceable
DIN 18032-3 certification         Not available         Driver Box         Built-in           PEA         -         Maximum surface exposed to the wind         0,095 m2           nsulation class         I         Built-in           P degree         IP66         -           Mechanical resistance         IK08         -	Device with reduced surfa-	ce temperature -	Controlgear replaceability	By professional
Insulation class         I         Built-in           P degree         IP66         -           Mechanical resistance         IK08         -	DIN 18032-3 certification	Not available	Driver Box	Built-in
P degree         IP66         -           Mechanical resistance         IK08         -	IPEA	-	Maximum surface exposed to the win	d 0,095 m2
Mechanical resistance IK08 -	Insulation class			Built-in
Mechanical resistance IK08 -	IP degree	IP66		-
Glow Wire Test 750 °C -	Mechanical resistance	IK08		-
	Glow Wire Test	750 °C		<u>-</u>

## **DIMENSIONAL**

## PHOTOMETRIC DISTRIBUTION



## **TECHNICAL SYMBOLOGY**













IK IK08

**GWT** 750 °C



STANDARDS/APPROVALS

UK CA ∰² (€ Product Data Sheet GWF1100ZC840