

Product Data Sheet GWF1101RC840

ELIA FL

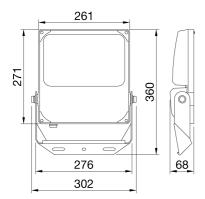


ELIA FL is an LED floodlight, available in medium and high-power versions for outdoor and indoor applications in industrial, tertiary and sports contexts, such as façades, warehouses, car parks and sports fields. Available in 4 different sizes and power steps (50 W, 100 W, 150 W and 200 W), the range 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 lumen power lapplication indoor / Outdoor Lumen output (lim) 20600 Dinque digital code (Datamatrix) Currently not present Efficacy (lim/W) 377 Dolour Black Colour temperature 4000 K Cype of light source LED Colour temperature 4000 K Cype of light source LED Colour temperature 4000 K Cype of light source LED Colour temperature 4000 K Cype of light source LED Colour temperature 4000 K Cype of light source LED Colour temperature 4000 K Cype of light source LED Colour temperature 4000 K Cype of light source LED Colour temperature 4000 K Cype of light source LED Colour temperature 4000 K Cype of light source LED Colour temperature 4000 K Cype of light source	GENERAL INFORMATION	٠ -	OPTIC AND ILLUMINATING FEATU	RES -
Application Indoor / Outdoor Currently not present Limen output (lim) 20600	Context In		Optic	Asymmetrical
Drique 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 SDCM = 5 SDC	Application	Indoor / Outdoor	Lumen output (Im)	20600
Type of light source LED Colour Rendering Index SIA Standard Deviation Colour Matching SDCM = 5 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 ELETRICAL AND LIGHTING FEATURES ELETRICAL AND LIGHTING FEATURES ELETRICAL AND LIGHTING FEATURES EN 60598-2-5; IEC/TR 62778; EN 62493 ELETRICAL AND LIGHTING FEATURES EN 60598-2-5; IEC/TR 62778; EN 62493 ELETRICAL AND LIGHTING FEATURES EN 60598-2-5; IEC/TR 62778; EN 60598-2-5; IEC/TR 62778; EN 60598	Unique digital code (Datan	natrix) Currently not present		137
System power	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°C +90°C Operating temperature -30°C + +50°C Optic Opti	System power	150 W	Standard Deviation Colour Matching	SDCM = 5
Marranty 5 years ELETRICAL AND LIGHTING FEATURES - 5 Cocking temperature 40°C +90°C Supply voltage 220-240 V Operating temperature -30°C +50°C Rated frequency (Hz) 50/60 Hz MATERIALS - Driver Shield type Decast aluminium - Driver Shield type Tempered 4mm-thick surface glass with Gewiss logo Optic High-efficiency lens and reflector unit Sasket - Mounting and installation Robust Stainless steel Colour Powder coating STANDARDS AND APPROVALS - Fixing Wiring Stainless steel Classification Not available PEA - Source Stainless I I I I I I I I I I I I I I I I I I	LED Lifetime	L80B50 (Tq=25°C) = 80.000 h	Photobiological Risk Class	RG1
Stocking temperature -40°C +90°C Supply voltage 220-240 V Departing temperature -30°C + +50 °C Rated frequency (Hz) 50/60 Hz MATERIALS - Driver Salure at F10 (Tq=25°C) 80.000 h Shield type Die-cast aluminium Driver failure rate F10 (Tq=25°C) 80.000 h Shield type Tempered 4mm-thick surface glass with Gewiss logo Ditc Migh-efficiency lens and reflector unit Gasket - INSTALLATION AND MAINTENANCE - Cocking Hook Stainless steel Stainless steel Clour Powder coating STANDARDS AND APPROVALS - Light souce replaceability Gerical Surface s	Weight (kg)	4.3	Standard	
Stocking temperature 40°C +90°C Operating temperature -30°C + 150°C Rated frequency (Hz) 50/60 Hz MATERIALS 50/60 Hz MATERIALS 60/60 Hz MATERIALS 70/60 Hz MATERIALS 70/60 Hz MOTION 70/60 H	Warranty	5 years	ELETRICAL AND LIGHTING FEATU	IRES -
### ATERIALS Oriver Driver failure rate Driver failure 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 Gasket	Stocking temperature		Supply voltage	220-240 V
Soley 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 Colour Powder coating External Screw With reduced surface temperature Overce with reduced s	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 Col	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 STANDARDS AND APPROVALS - Fixing With power cable Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature OIN 18032-3 certification Not available PEA - ONT available PEA - Maximum surface exposed to the wind Peace Mechanical resistance IK08	Body	Die-cast aluminium -	Driver failure rate	F10 (Tq=25°C) > 80.000 h
Sasket	Shield type		Overvoltage protection	DM 6 kV / CM 10 kV
Colour Powder coating Classification Perce with reduced surface temperature DIN 18032-3 certification PEA DEPA DEPA DEPA DEPA DEPA DEPA DEPA D	Optic	High-efficiency lens and reflector unit	Control System	DALI
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 0,07 m² sullation class I Pege 1P66 - Mechanical resistance IK08	Gasket	-	INSTALLATION AND MAINTENANC	E -
Colour Powder coating Wiring With power cable BTANDARDS 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 0,07 m² nsulation class I P degree IP66 Built-in P degree IP66 - Gerea IP66 -	Locking Hook	-	Mounting and installation	Floodlight mast - Ceiling - Wall - Ground
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 I Maximum surface exposed to the wind 0,07 m² nsulation class I P66 Pegree IP66 IP66 Pechanical 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 - Divier Box Built-in PEA - Maximum surface exposed to the wind 0,07 m² Roulation class I P degree IP66 Wechanical 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 0,07 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 0,07 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 0,07 m² nsulation class I Built-in P degree IP66 - Mechanical resistance IK08 -	Device with reduced surface	ce temperature -	Controlgear replaceability	By professional
Insulation class I Built-in P degree IP66 - Mechanical resistance IK08 -	DIN 18032-3 certification		Driver Box	Built-in
P degree IP66 - Mechanical resistance IK08 -	IPEA	-	Maximum surface exposed to the win	d 0,07 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		-

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY















IK IK08 **GWT** 750 °C



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STANDARDS/APPROVALS





