

## Product Data Sheet

### GWF1105BL830

**ELIA FL Mini** 

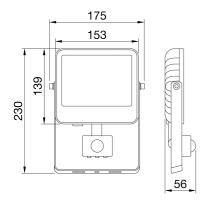


ELIA FL Mini is a low-power LED floodlight for indoor and outdoor architectural lighting for both residential and professional applications, such as façades, gardens, green areas and walkways. Available in 2 sizes and 3 power steps (10 W, 20 W and 30 W), the range allows for great flexibility with its multiple possible combinations: 2 colour temperature options (3,000 K warm white and 4,000 K neutral white) with a colour rendering index of more than 80, and 2 optics options (100° or asymmetrical). The fixture is equipped with an integrated On/Off electronic power supply, and it is also available with an integrated motion and luminosity sensor. The luminaire can be ceiling, wall or floor-mounted through the integrated adjustable steel bracket, and thanks to its black powder-coated die-cast aluminium body and its front glass, it is tough, durable and able to withstand harsh environmental conditions.

Luminaire	GENERAL INFORMATION	_	OPTIC AND ILLUMINATING FEATU	RES -
Application Indoor / Outdoor Unique digital code (Datamatrix) Currently not present Efficacy (Im/W) 2300 Colour (Datamatrix) Currently not present Efficacy (Im/W) 2300 K Type of light source Black Colour temperature 3300 K Type of light source LED Colour Rendering Index CRI 80 System power 20 W Standard Deviation Colour Matching SDCM = 5 LED Lifetime L80B50 (Tq=25°C) > 90.000 h Photobiological Risk Class RG1 EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN Weight (Kg) 39485 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN Morranty Successful and Photobiological Risk Class ELETICAL AND LIGHTING FEATURES 62493 Supply voltage 220-240 V Operating temperature 40°+80° C Rated frequency (Hz) 50/60 Hz Built-in Photobiological Risk Class Private Photobiological Risk Class Photob	Context Res		Optic	100°
Unique digital code (Datamatrix)         Currently not present (m/W)         Efficacy (m/W)         115           Colour         Black         Colour temperature         3000 K           Type of light source         LED         Colour Rendering Index         CRI 80           System power         20 W         Standard Deviation Colour Matching         SDCM = 5           LED Lifetime         L80850 (Tq=25°C) > 90.000 h         Photobiological Risk Class         RG1           Weight (kg)         8         Standard Standard         EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN         RG1           Warranty         3 years         Standard Standard         EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN         62493           Warranty         3 years         Standard Standard         EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN         62493           Warranty         3 years         Standard Standard         EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN         62493           Warranty         3 years         Standard Standard         EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN         62493           Warranty         3 years         SteETRICAL AND LIGHTING FEATURES         -         -         -         -         -         -         -         -         -         -         -         -         -         <	Luminaire		Unified Glare Rating	ULOR = 0%
Colour	Application	Indoor / Outdoor	Lumen output (Im)	2300
Type of light source         LED         Colour Rendering Index         CRI 80           System power         20 W         Standard Deviation Colour Matching         SDCM = 5           LED Lifetine         L80B50 (Tq=25°C) > 90.000 h         Photobiological Risk Class         RG1           Weight (kg)         8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Unique digital code (Datamatrix)	Currently not present		115
System power	Colour	Black	Colour temperature	3000 K
LED Lifetime         L80B50 (Tq=25°C) > 90.000 h         Photobiological Risk Class         RG1           Weight (kg)         0.86         Standard         EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493.           Warranty         3 years         Stocking temperature         -40° +80°         Supply voltage         220-240 V           Operating temperature         -20 +40 °C         Rated frequency (Hz)         50/60 Hz           MATERIALS         -         Driver         Built-in           Body         Die-cast aluminium - Shield type         Die-cast aluminium - Gewiss logo         Driver failure rate         F10 (Tq=25°C) > 80.000 h           Optic         High-efficiency lens and reflector unit Gaswist of Gewiss logo         Control System         Overvoltage protection         DM 1KV / CM 2KV           Cotking Hook         -         Mounting and installation         Ceiling - Wall - Floor         INSTALLATION AND MAINTENANCE         -           External screw         Stainless steel         Tilt         Rotation on bracket         Wiring         Wiring With power cable           STANDARDS AND APPROVALS         -         Fixing         Via integrated bracket         Light souce replaceability         Non-replaceable           Device with reduced surface temperature         -         Control Gyer replaceability         Non-replaceable	Type of light source	LED	Colour Rendering Index	CRI 80
Weight (kg)  0.86 Standard EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493 Warranty 3 years Stocking temperature 40° +80° Operating temperature -20 +40° C Rated frequency (Hz) Opriver MATERIALS - Driver Body Die-cast aluminium- 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 - Control System Colour Stainless steel Colour Powder coating STANDARDS AND APPROVALS - Classification Powder coating STANDARDS AND APPROVALS - Classification Not available DIN 18032-3 certification Not available IPEA Green Areas A3+ Mechanical resistance Mechanical resistance  ELETRICAL AND LIGHTING FEATURES - LETRICAL AND LIGHTING FEATURES - Supply voltage - Rated frequency (Hz) - Supply voltage - Colory (Hz) - Supply voltage - Control Gystem - Priver failure rate - F10 (Tq=25°C) > 80.000 h - Overvoltage protection - Ov	System power	20 W	Standard Deviation Colour Matching	SDCM = 5
Marranty   3 years   ELETRICAL AND LIGHTING FEATURES   20-240 V	LED Lifetime	L80B50 (Tq=25°C) > 90.000 h	Photobiological Risk Class	RG1
Stocking temperature 40°+80° Supply voltage 220-240 V Operating temperature -20+40°C Rated frequency (Hz) 50/60 Hz MATERIALS Driver Built-in Body Die-cast aluminium - Shield type Tempered 4mm-thick surface glass with Gewiss logo Optic High-efficiency lens and reflector unit Gesiks I Power Stainless steel Locking Hook - Mounting and installation Celing - Wall - Floor External screw Stainless steel Colour Powder coating ExtanDARDS AND APPROVALS - Fixing Wiring Wiring Wiring Wiring Wiring Wiring Wiring Wiring Stainless Steel Classification Powice with reduced surface temperature - Control Gear replaceability Non-replaceable DIN 18032-3 certification Not available Insulation Celemperature Din 18032-3 certification Screen Areas A3+ House Replaceable Mechanical resistance IR08	Weight (kg)	0.86	Standard	
Operating temperature  -20 +40 °C MATERIALS  Driver Body Die-cast aluminum Shield type Tempered 4mm-thick surface glass with Gewiss logo Optic High-efficiency lens and reflector unit Cocking Hook External screw Stainless steel Colour STANDARDS AND APPROVALS Classification Device with reduced surface temperature Device with reduced surface temperature Device with reduced surface temperature DIN 18032-3 certification Not available Insulation class IP6 Green Areas A3+ Insulation class IR5 Ated frequency (Hz) Rated frequency (Hz) Rated frequency (Hz) Sated frequency (Hz) Sa	Warranty	3 years	ELETRICAL AND LIGHTING FEATU	RES -
MATERIALS  Body  Die-cast aluminium - Driver failure rate  F10 (Tq=25°C) > 80.000 h  Die-cast aluminium - Driver failure rate  F10 (Tq=25°C) > 80.000 h  Overvoltage protection  Overvoltage protection  Control System  FIR Sensor  INSTALLATION AND MAINTENANCE  Fixer and installation  External screw  Stainless steel  Colour  Powder coating  STANDARDS AND APPROVALS  Classification  Foundation  Foundation  Fixing  Via integrated bracket  Light souce replaceability  Non-replaceable  Diny 18032-3 certification  Not available  IPEA  Green Areas A3+  Insulation class  I led degree  IROS  INSTALLATION AND MAINTENANCE  Fixing  Control System  Non-Insulation  Control System  Non-Insulation  Non-Insulation  Fixing  Control System  Insulation  Control System  Invertication  Non-Insulation  Control System  Invertication  Non-Insulation  Control System  Invertication  Non-Insulation  Invertication  Inverti	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 Gasket - INSTALLATION AND MAINTENANCE - Locking Hook - Stainless steel Colour Powder coating STANDARDS AND APPROVALS - Light souce replaceability Non-replaceable Device with reduced surface temperature DIN 18032-3 certification Green Areas A3+ Insulation class IP degree IP65 Mechanical resistance I Tempered 4mm-thick surface glass with Gewiss logo Overvoltage protection Driver failure rate F10 (Tq=25°C) > 80.000 h Overvoltage protection Driver failure rate F10 (Tq=25°C) > 80.000 h Overvoltage protection DV involtage protection DV involtag	Operating temperature	-20 +40 °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 - INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation Ceiling - Wall - Floor 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 - Controlgear replaceability Non-replaceable DIN 18032-3 certification Not available IPEA Green Areas A3+ Insulation class I IP degree IP65 Mechanical resistance IK08	MATERIALS	-	Driver	Built-in
Optic High-efficiency lens and reflector unit Gasket - INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation Ceiling - Wall - Floor External screw Stainless steel Colour Powder coating STANDARDS AND APPROVALS - Fixing Wing With power cable Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature - Controlgear replaceability Non-replaceable DIN 18032-3 certification Not available IPEA Green Areas A3+ Insulation class	Body	Die-cast aluminium -	Driver failure rate	F10 (Tq=25°C) > 80.000 h
Gasket - INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation Ceiling - Wall - Floor External screw Stainless steel Tilt Rotation on bracket Colour Powder coating STANDARDS AND APPROVALS - Fixing Via integrated bracket Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature - Controlgear replaceability Non-replaceable DIN 18032-3 certification Not available DF Green Areas A3+ Maximum surface exposed to the wind 0,03 m2 Insulation class I P6 Green Areas A3+ Mechanical resistance IK08	Shield type		Overvoltage protection	DM 1KV / CM 2KV
Locking Hook - Mounting and installation Ceiling - Wall - Floor External screw 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 Non-replaceable DIN 18032-3 certification Not available DF Green Areas A3+ Maximum surface exposed to the wind 0,03 m2 Insulation class I IP65 - Mechanical resistance IK08	Optic	High-efficiency lens and reflector unit	Control System	PIR Sensor
External screwStainless steel Powder coating STANDARDS AND APPROVALSTilt Powder coating FixingWiring WiringWith power cable WiringClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperature-Controlgear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEAGreen Areas A3+ Insulation classMaximum surface exposed to the wind0,03 m2IP degreeIP65-Mechanical resistanceIK08-	Gasket	<u>-</u>	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 Non-replaceable DIN 18032-3 certification Not available Driver Box Built-in IPEA Green Areas A3+ Maximum surface exposed to the wind 0,03 m2 Insulation class I I IP degree IP65 - Mechanical resistance IK08	Locking Hook	-	Mounting and installation	Ceiling - Wall - Floor
STANDARDS AND APPROVALS - Fixing Via integrated bracket Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature - Controlgear replaceability Non-replaceable DIN 18032-3 certification Not available Driver Box Built-in IPEA Green Areas A3+ Maximum surface exposed to the wind 0,03 m2 Insulation class IP65 IP degree IP65 Mechanical resistance IK08	External screw	Stainless steel	Tilt	Rotation on bracket
Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature - Controlgear replaceability Non-replaceable DIN 18032-3 certification Not available Driver Box Built-in IPEA Green Areas A3+ Maximum surface exposed to the wind 0,03 m2 Insulation class I P65 IP6 degree IP65 Mechanical resistance IK08	Colour	Powder coating	Wiring	With power cable
Device with reduced surface temperature - Controlgear replaceability Non-replaceable DIN 18032-3 certification Not available DFIVER BOX Built-in Maximum surface exposed to the wind 0,03 m2 Insulation class I P65 IP6 degree IP65 Mechanical resistance IK08	STANDARDS AND APPROVALS	-	Fixing	Via integrated bracket
DIN 18032-3 certification     Not available     Driver Box     Built-in       IPEA     Green Areas A3+     Maximum surface exposed to the wind     0,03 m2       Insulation class     I     -       IP degree     IP65     -       Mechanical resistance     IK08     -	Classification	-	Light souce replaceability	Non-replaceable
IPEA         Green Areas A3+         Maximum surface exposed to the wind         0,03 m2           Insulation class         I         -           IP degree         IP65         -           Mechanical resistance         IK08         -	Device with reduced surface temperat	ure -	Controlgear replaceability	Non-replaceable
Insulation class         I         -           IP degree         IP65         -           Mechanical resistance         IK08         -	DIN 18032-3 certification	Not available	Driver Box	Built-in
IP degree         IP65         -           Mechanical resistance         IK08         -	IPEA	Green Areas A3+	Maximum surface exposed to the win	d 0,03 m2
Mechanical resistance IK08 -	Insulation class			-
	IP degree	IP65		-
Glow Wire Test 750 °C -	Mechanical resistance	IK08		-
	Glow Wire Test	750 °C		<u>-</u>

#### **DIMENSIONAL**

#### PHOTOMETRIC DISTRIBUTION



#### TECHNICAL SYMBOLOGY













IP IP65

IK

IK08

**GWT** 750 °C



STANDARDS/APPROVALS

**₩** CA (€

# Product Data Sheet GWF1105BL830

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