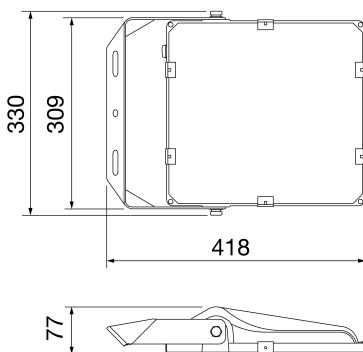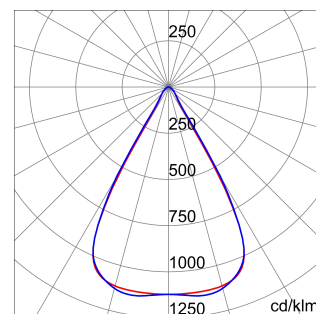# Product Data Sheet

GWF1100MH840

On request

ELIA FL is a LED outdoor floodlight available in low, medium and high power versions for lighting external industrial areas, such as car parks and walkways or driveways. It can be mounted on surfaces, ceilings or on the ground using the adjustable steel bracket supplied with the device, or in the pole head version, courtesy of the dedicated accessory for poles with a diameter of up to 61mm. Crafted from black powder-coated die-cast aluminium, it is available in four sizes and powers, with integrated power supply in the On/Off or DALI options, three types of optic (30°, 60° and asymmetrical) with a colour temperature of 4,000K (neutral white) and a colour rendering index of more than 80. Tough and durable, ELIA FL has been designed to withstand surges of up to 10KV and temperature variations from -30 °C to + 50 °C, and offers protection from water and dust penetration of up to level IP66 and from shocks and impacts of up to level IK08. ELIA FL is quick and easy to install thanks to its limited weight and adjustable bracket.

GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEATURES	-
Context	Industry, Logistic, Façade, Sport	Optic	60°
Luminaire	LED luminaire with small,mid and high lumen power	Unified Glare Rating	ULOR = 0%
Application	Indoor / Outdoor	Lumen output (lm)	13400
Unique digital code (Datamatrix)	Currently not present	Efficacy (lm/W)	134
Colour	Black	Colour temperature	4000 K
Type of light source	LED	Colour Rendering Index	CRI 80
System power	100 W	Standard Deviation Colour Matching	SDCM = 5
LED Lifetime	L80B50 (Tq25°) = 89.000h	Photobiological Risk Class	RG0
Weight (kg)	3.9	Standard	-
Warranty	5 years	**ELETRICAL AND LIGHTING FEATURES**	-
Stocking temperature	-40° +85°	Supply voltage	100-240 V
Operating temperature	-30° +50°	Rated frequency (Hz)	50 / 60
MATERIALS	-	Driver	Included
Body	Die-cast aluminium -	Driver failure rate	F10 = 80.000h Tq25°C
Shield type	Flat silked tempered glass 4mm thick with Gewiss logo	Overvoltage protection	Overvoltage protection 10-6kV
Optic	With high efficiency optic system	Control System	ON OFF
Gasket	-	**INSTALLATION AND MAINTENANCE**	-
Locking Hook	-	Mounting and installation	Ceiling - Wall - Floor
External screw	Stainless steel	Tilt	With adjustable bracket assembled
Colour	Powder coating	Wiring	With power cable
STANDARDS AND APPROVALS	-	Fixing	-
Classification	-	Light souce replaceability	By professional
Device with reduced surface temperature	-	Controlgear replaceability	By professional
DIN 18032-3 certification	-	Driver Box	Built-in
IPEA	-	Maximum surface exposed to the wind	0.1 m²
Insulation class	I		-
IP degree	IP66		-
Mechanical resistance	IK08		-
Glow Wire Test	750 °C		-

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION

TECHNICAL SYMBOLOGY

0.1 m²   IP IP66   IK IK08   GWT 750 °C

GWF1100MH840

On request

STANDARDS/APPROVALS

UK
CA   ⟨⟨⟨03   C E