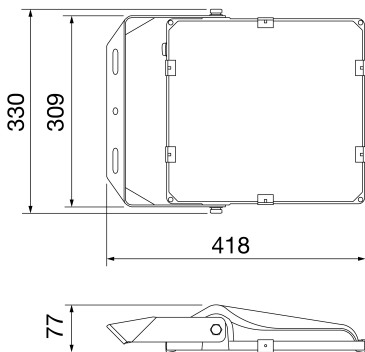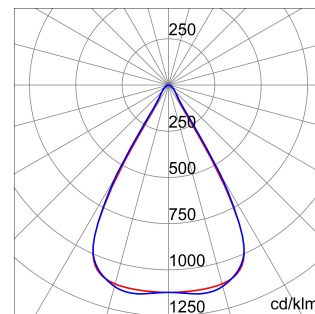ELIA FL is a LED outdoor floodlight available in low, medium and high power versions for lighting external industrial areas, such as car parks and walkways or driveways. It can be mounted on surfaces, ceilings or on the ground using the adjustable steel bracket supplied with the device, or in the pole 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	-
Context	Industry, Logistic, Façade, Sport
Luminaire	LED luminaire with small,mid and high lumen power
Application	Indoor / Outdoor
Unique digital code (Datamatrix)	Currently not present
Colour	Black
Type of light source	LED
System power	100 W
LED Lifetime	L80B50 (Tq25°) = 89.000h
Weight (kg)	3.9
Warranty	5 years
Stocking temperature	-40° +80°
Operating temperature	-30° +50°
MATERIALS	-
Body	Die-cast aluminium -
Shield type	Flat silked tempered glass 4mm thick with Gewiss logo
Optic	With high efficiency optic system
Gasket	-
Locking Hook	-
External screw	Stainless steel
Colour	Powder coating
STANDARDS AND APPROVALS	-
Classification	-
Device with reduced surface temperature	-
DIN 18032-3 certification	-
IPEA	-
Insulation class	I
IP degree	IP66
Mechanical resistance	IK08
Glow Wire Test	750 °C

OPTIC AND ILLUMINATING FEATURES	-
Optic	60°
Unified Glare Rating	ULOR = 0%
Lumen output (lm)	13400
Efficacy (lm/W)	134
Colour temperature	4000 K
Colour Rendering Index	CRI 80
Standard Deviation Colour Matching	SDCM = 5
Photobiological Risk Class	RG0
Standard	-
ELETRICAL AND LIGHTING FEATURES	-
Supply voltage	220-240 V
Rated frequency (Hz)	50 / 60
Driver	Included
Driver failure rate	F10 = 80.000h Tq25°C
Overvoltage protection	Overvoltage protection 6-4kV
Control System	DALI
INSTALLATION AND MAINTENANCE	-
Mounting and installation	Ceiling - Wall - Floor
Tilt	With adjustable bracket assembled
Wiring	With power cable
Fixing	-
Light souce replaceability	By professional
Controlgear replaceability	By professional
Driver Box	Built-in
Maximum surface exposed to the wind	0.1 m²
	-
	-
	-
	-

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION

TECHNICAL SYMBOLOGY

0.1 m²   IP   IK   GWT
IP66   IK08   750 °C

STANDARDS/APPROVALS

UK CA CE