

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).

GENERAL INFORMATION

Context	Industry, logistics, facades, sporting facilities and outdoor area lighting
Luminaire	LED luminaire with mid and high lumen power
Toepassing	Binnenshuis / buitenshuis
Unique digital code (Datamatrix)	Currently not present
Kleur	Zwart
Type lichtbron	LED
System vermogen	50 W
LED Lifetime	L80B50 (Tq=25°C) > 75.000 h
Gewicht (kg)	1.7
Garantie	5 jaar
Opslagtemperatuur	-40° +80°
Operating temperature	-30°C ÷ +50 °C

MATERIALS

Body	Gietaluminium
Type plaat	Tempered 4mm-thick surface glass with Gewiss logo
Optic	High-efficiency lens and reflector unit
Gasket	-
Locking Hook	-
External screw	Stainless steel

STANDARDS AND APPROVALS

Classificering	-
Toestel met verlaagde oppervlaktetemperatuur	-
DIN 18032-3-certificering	Not available
IPEA	-
Isolatie-klasse	I
IP-graad	IP66
Stootbestendigheid	IK08
Glow Wire Test	750 °C

OPTIC AND ILLUMINATING FEATURES

Optiek	Asymmetrisch
Unified Glare Rating	ULOR = 0%
Lumen-vermogen (lm)	6400
Efficacy (lm/W)	128
Kleurtemperatuur	4000 K
Colour Rendering Index	CRI 80
Standard Deviation Colour Matching	SDCM = 5
Photobiological Risk Class	RG1
Standaard	EN 60598-1; EN 60598-2-5; IEC/TR 62778; EN 62493

ELECTRICAL AND LIGHTING FEATURES

Voedings-spanning	220-240 V
Nominale frequentie (Hz)	50/60 Hz
Driver	Ingebouwd
Driver failure rate	F10 (Tq=25°C) > 80.000 h
Overvoltage protection	DM 1KV / CM 2KV
Control System	ON / OFF

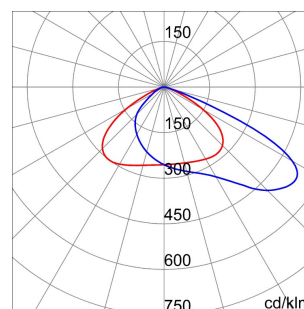
INSTALLATION AND MAINTENANCE

Mounting and installation	Floodlight mast - Ceiling - Wall - Ground
Tilt	Rotation on bracket with integrated goniometer
Wiring	With power cable
Bevestiging	Via integrated bracket
Light source replaceability	Non-replaceable
Controlgear replaceability	By professional

Driver Box	Ingebouwd
Maximum surface exposed to the wind	0,04 m2
	Ingebouwd

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION



ELIA FL

TECHNICAL SYMBOLOGY




0,04 m2



IP
IP66

IK
IK08

GWT
750 °C

STANDARDS/APPROVALS

