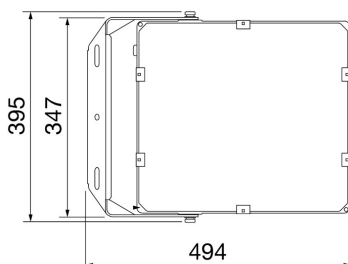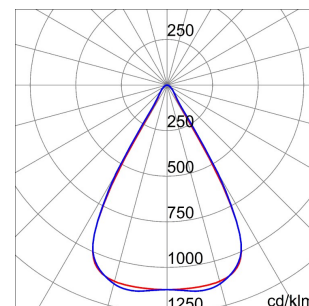On request

ELIA HL is an LED highbay designed for indoor industrial, logistics and tertiary applications, where efficiency, high luminous output, precision and resistance are required. Available in 3 power steps (120 W, 150 W and 200 W) with a standard colour temperature of 4,000 K (neutral white) and a colour rendering index of 80, the range allows for great flexibility with its multiple possible combinations: 3 optics options (60°, 90° and 120° beam angles in polycarbonate lenses) and 2 integrated power supply options (On/Off and DALI). The luminaire can be suspension-mounted through the hook attachment integrated into the upper part of the device, and thanks to its black powder-coated die-cast aluminium body with incorporated heatsink, it is tough, durable (IP65 and IK08) and able to withstand harsh environmental conditions (such as ambient temperature variations from -30°C to +50°C).

GENERAL INFORMATION	-
Context	Industry, Logistic, Façade, Sport
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	150 W
LED Lifetime	L80B50 (Tq25°) = 89.000h
Gewicht (kg)	4.5
Garantie	5 jaar
Opslagtemperatuur	-40° +85°
Operating temperature	-30°C ÷ +50 °C

MATERIALS	-
Body	Gietaluminium -
Type plaat	Flat silked tempered glass 4mm thick with Gewiss logo
Optic	With high efficiency optic system
Gasket	-
Locking Hook	-
External screw	Roestvrij staal
Colour	Powder coating

STANDARDS AND APPROVALS	-
Classificering	-
Toestel met verlaagde oppervlaktetemperatuur	-
DIN 18032-3-certificering	-
IPEA	-
Isolatie-klasse	I
IP-graad	IP66
Stoot-bestendigheid	IK08
Glow Wire Test	750 °C

OPTIC AND ILLUMINATING FEATURES	-
Optiek	60°
Unified Glare Rating	-
Lumen-vermogen (lm)	18900
Efficacy (lm/W)	136
Kleur temperatuur	3000 K
Colour Rendering Index	CRI 80
Standard Deviation Colour Matching	SDCM = 5
Photobiological Risk Class	RG1
Standaard	-

ELETRICAL AND LIGHTING FEATURES	-
Voedings-spanning	100-240 V
Nominale frequentie (Hz)	50/60 Hz
Driver	Included
Driver failure rate	F10 = 50.000h Tq25°C
Overvoltage protection	Overvoltage protection 10-6kV
Control System	AAN UIT

INSTALLATION AND MAINTENANCE	-
Mounting and installation	High-mast lighting - Wall mounting - Ground mouting
Tilt	With adjustable bracket assembled
Wiring	With power cable
Bevestiging	-
Light souce replaceability	By professional
Controlgear replaceability	By professional
Driver Box	Ingebouwd
Maximum surface exposed to the wind	0.12 m²
	-
	-
	-
	-

DIMENSIONAL

395
347
494

PHOTOMETRIC DISTRIBUTION

250
250
500
750
1000
1250
cd/klm

On request

TECHNICAL SYMBOLOGY

0.12 m²

IP
IP66

IK
IK08

GWT
750 °C

STANDARDS/APPROVALS

UK CA   CE