

# Product Data Sheet GWF1411GH930

#### ELIA AL

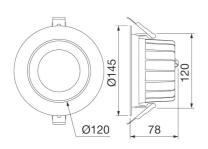


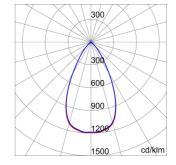
ELIA AL is a flush-mounting LED device for accent lighting in commercial areas and offices, composed of a white powder-coated die-cast aluminium frame and 2 different optics (36° and 60°) that guarantee a UGR of less than 19. The range is available in two sizes, with a colour temperature of 3,000K (warm white) or 4,000K (neutral white), a colour rendering index of more than 80 or more than 90 and the option of an electronic power supply with On/Off or DALI command. This modular flush-mounting solution features a rotosymmetrical optic equipped with a passive heat removal system, in die-cast aluminium. Installation is quick and easy, thanks to of the reduced weight of the device, the bayonet coupling and the simple wiring, with the connector located on the device and remote power supply included.

	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEATURE	· S -
Intern	Context	Interior lighting	Optiek	60°
Unique digital code (Datamatrix)  Currently not present  Efficacy (Im/W)  Kleur  Koolour Rendering Index  Koolour Matching  Koolour  Ko	Luminaire	LED luminaire for accentuation	Unified Glare Rating	UGR<19
Unique digital code (Datamatrix)         Currently not present (Incomposition of Laborator)         Efficacy (Incomposition of Laborator)           Kleur         Wit Kleur (Multiput of Laborator)         300           Type lichtbron         LED Colour Rendering Index         CR           System         18 W Standard Deviation Colour Matching         SDCM           vermogen         LED Lifetime         L80B50 (Tq25°) = 50.000h         Photobiological Risk Class         FN 60598-1; EN 60598-2-2; IEC/TR 627           Gewicht         0.5         Standaard         EN 60598-1; EN 60598-2-2; IEC/TR 627         EN 62           Garantie         5 jaar         Voedings-spanning         ELETRICAL AND LIGHTING FEATURES           Operating temperature         -20° +65°         Voedings-spanning         220-24           Operating temperature         -20° +45°         Nominale frequentie (Hz)         50           MATERIALS         - Driver         External - Inclue Dody         Gietaluminum - Driver failure rate         F025 (Tq-25°C) = 50.00           Type plaat         - Overvoltage protection         DM 0.9         Overvoltage protection         DM 0.9           Optic         High-efficiency reflector         Control System         Control System         DM 0.9           Gasket         - INSTALLATION AND MAINTENANCE         Total Colour	Toepassing	Intern	Lumen-	1800
Minumber			vermogen (lm)	
Kleur         Wit temperatuur temperatuur temperatuur         Kleur temperatuur temperatuur temperatuur temperatuur         3000000000000000000000000000000000000	Unique digital code (Datamatrix)	Currently not present	Efficacy	100
Type lichtbron			(lm/W)	
Type lichtbron         LED         Colour Rendering Index         CR           System         18 W         Standard Deviation Colour Matching         SDCM           vermogen         LED Lifetime         L80850 (Tq25°) = 50.000h         Photobiological Risk Class         F           Gewicht         0.5         Standaard         EN 60598-1; EN 60598-2-2; IEC/TR 627         KR 627           (kg)         5 jaar         ELETRICAL AND LIGHTING FEATURES         ELETRICAL AND LIGHTING FEATURES           Operating temperature         -20° +45°         Voedings-spanning         220° -24°           MATERIALS         -20° +45°         Nominale frequentie (Hz)         50           Type plaat         0 priver failure rate         F025 (Tq=25°C) = 50.00           Optic         High-efficiency reflector         Control System         0           Gasket         0 vervoltage protection         DM 0.5           Locking Hook         0 Nounting and installation         Voor inbo           External screw         1 vill         Nounting and installation         Voor inbo           External Screw         9 bevestiging         Visit prings integrated with the lumin         Classificering         Eevestiging         Visit prings integrated with the lumin           Classificering         1 Light souce replaceability		Wit	Kleur	3000 K
System			temperatuur	
Vermogen         LED Lifetime         L80B50 (Tq25°) = 50.000h         Photobiological Risk Class         Feature Feature           Gewicht         0.5         Standaard         EN 60598-1; EN 60598-2-2; IEC/TR 627 (kg)         EN 62           Garantie         5 jaar         ELETRICAL AND LIGHTING FEATURES         EN 62           Opslagtemperatuur         -20° +65°         Voedings-spanning         220-24 (spanning)           Operating temperature         -20° +45°         Nominale frequentie (Hz)         50           MATERIALS         0         Driver         External - Include frequentie (Hz)           Body         Gietaluminium - Driver failure rate         F025 (Tq=25°C) = 50.00         10           Type plaat         0         Overvoltage protection         DM 0,5           Optic         High-efficiency reflector         Control System         D           Gasket         INSTALLATION AND MAINTENANCE         D           Locking Hook         -         Nounting and installation         Voor inbo           External screw         -         Tilt           Colour         Powder coating         Wiring         With connection terminal on dr           STANDARDS AND APPROVALS         -         Bevestiging         Via springs integrated with the lumin           Classif	Type lichtbron	LED		CRI 90
LED Lifetime         L80B50 (Tq25°) = 50.000h         Photobiological Risk Class         Feature Feature           Gewicht (kg)         0.5         Standaard         EN 60598-1; EN 60598-2-2; IEC/TR 627 EN 6		18 W	Standard Deviation Colour Matching	SDCM = 3
Gewicht (kg)         0.5 (kg)         Standaard         EN 60598-1; EN 60598-2-2; IEC/TR 627 (kg)         EN 62           Garantie         5 jaar         ELETRICAL AND LIGHTING FEATURES           Opslagtemperatuur         20° +65°         Voedings- spanning spanning         220° 24° 24° 24° 220° 220				
Classificering   Signar   Si	LED Lifetime	L80B50 (Tq25°) = 50.000h	Photobiological Risk Class	RG0
Garantie5 jaarELETRICAL AND LIGHTING FEATURESOpslagtemperatuur-20° +65°Voedings-spanningOperating temperature-20° +45°Nominale frequentie (Hz)MATERIALS- DriverExternal - Inclusion of Feature (Hz)BodyGietaluminium - Gietaluminium - Optiver failure rateF025 (Tq=25°C) = 50.00Type plaat- Overvoltage protectionDM 0,5OpticHigh-efficiency reflectorControl SystemDGasket- INSTALLATION AND MAINTENANCELocking Hook- Mounting and installationVoor inbotomating and installationExternal screw- TiltColourPowder coatingWiringWith connection terminal on drSTANDARDS AND APPROVALS- BevestigingVia springs integrated with the luminClassificering- Light souce replaceabilityNon-replacedToestel met verlaagde oppervlaktetemperatuur- Control System- Ootrologear replaceabilityBy professionDIN 18032-3-certificering- Driver Box		0.5	Standaard	EN 60598-1; EN 60598-2-2; IEC/TR 62778;
Opslagtemperatuur  -20° +65° Voedings-spanning  Operating temperature  -20° +45° Nominale frequentie (Hz)  MATERIALS  - Driver  Body  Gietaluminum - Driver failure rate  Overvoltage protection  Optic  High-efficiency reflector  Gasket  - UNSTALLATION AND MAINTENANCE  Locking Hook  - Mounting and installation  External screw  - Tilt  Colour  Powder coating  STANDARDS AND APPROVALS  - Bevestiging  Via springs integrated with the lumin  Classificering  Toestel met verlaagde oppervlaktetemperatuur  DIN 18032-3-certificering  - Driver Box	(kg)			EN 62493
spanning       Operating temperature     -20° +45°     Nominale frequentie (Hz)     50       MATERIALS     - Driver     External - Included (Hz)       Body     Gietaluminum - Driver failure rate     F025 (Tq=25°C) = 50.00       Type plaat     - Overvoltage protection     DM 0,5       Optic     High-efficiency reflector     Control System     D 0       Gasket     - INSTALLATION AND MAINTENANCE       Locking Hook     - Mounting and installation     Voor inboth of the control of th	Garantie	5 jaar	ELETRICAL AND LIGHTING FEATURE	- ·
Operating temperature     -20° +45° frequentie (Hz)     Nominale frequentie (Hz)     50       MATERIALS     - Driver     External - Included (Hz)       Body     Gietaluminium - Driver failure rate     F025 (Tq=25°C) = 50.00       Type plaat     - Overvoltage protection     DM 0,5       Optic     High-efficiency reflector     Control System     D 0       Gasket     - INSTALLATION AND MAINTENANCE       Locking Hook     - Mounting and installation     Voor inboth v	Opslagtemperatuur	-20° +65°	Voedings-	220-240 V
MATERIALS   Driver   External - Inclustrate   Driver   External   Driver   External   Driver   External   Driver   D			spanning	
MATERIALSDriverExternal - IncludedBodyGietaluminium -Driver failure rateF025 (Tq=25°C) = 50.00Type plaatOvervoltage protectionDM 0,5OpticHigh-efficiency reflectorControl SystemDGasketINSTALLATION AND MAINTENANCELocking HookMounting and installationVoor inbothExternal screwTiltColourPowder coatingWiringWith connection terminal on drSTANDARDS AND APPROVALSBevestigingVia springs integrated with the luminClassificeringLight souce replaceabilityNon-replacedToestel met verlaagdeControlgear replaceabilityBy professionoppervlaktetemperatuurDriver Box	Operating temperature	-20° +45°		50 / 60
Body     Gietaluminium - Type plaat     Driver failure rate     F025 (Tq=25°C) = 50.00       Type plaat     - Overvoltage protection     DM 0,5       Optic     High-efficiency reflector     Control System     D       Gasket     - INSTALLATION AND MAINTENANCE       Locking Hook     - Mounting and installation     Voor inboth       External screw     - Tilt       Colour     Powder coating     Wiring     With connection terminal on dr.       STANDARDS AND APPROVALS     - Bevestiging     Via springs integrated with the lumin       Classificering     - Light souce replaceability     Non-replaced       Toestel met verlaagde oppervlaktetemperatuur     - Controlgear replaceability     By profession       DIN 18032-3-certificering     - Driver Box				
Type plaat - Overvoltage protection		-		External - Included
Optic High-efficiency reflector Control System D Gasket - INSTALLATION AND MAINTENANCE  Locking Hook - Mounting and installation Voor inboton External screw - Tilt Colour Powder coating Wiring With connection terminal on dr STANDARDS AND APPROVALS - Bevestiging Via springs integrated with the lumin Classificering - Light souce replaceability Non-replaced Toestel met verlaagde oppervlaktetemperatuur  DIN 18032-3-certificering - Driver Box	_ ,	Gietaluminium -		F025 (Tq=25°C) = 50.000 h
Gasket - INSTALLATION AND MAINTENANCE  Locking Hook - Mounting and installation Voor inbo  External screw - Tilt  Colour Powder coating Wiring With connection terminal on dr  STANDARDS AND APPROVALS - Bevestiging Via springs integrated with the lumin  Classificering - Light souce replaceability Non-replaced  Toestel met verlaagde - Controlgear replaceability  DIN 18032-3-certificering - Driver Box	Type plaat	-	Overvoltage protection	DM 0,5 kV
Locking Hook - Mounting and installation Voor inboton External screw - Tilt  Colour Powder coating Wiring With connection terminal on dr STANDARDS AND APPROVALS - Bevestiging Via springs integrated with the lumin Classificering - Light souce replaceability Non-replace oppervlaktetemperatuur  DIN 18032-3-certificering - Driver Box	Optic	High-efficiency reflector		DALI
External screw - Tilt  Colour Powder coating Wiring With connection terminal on dr  STANDARDS AND APPROVALS - Bevestiging Via springs integrated with the lumin  Classificering - Light souce replaceability Non-replaced  Toestel met verlaagde oppervlaktetemperatuur  DIN 18032-3-certificering - Driver Box		-	INSTALLATION AND MAINTENANCE	-
Colour         Powder coating         Wiring         With connection terminal on dr           STANDARDS AND APPROVALS         -         Bevestiging         Via springs integrated with the lumin           Classificering         -         Light souce replaceability         Non-replaceability           Toestel met verlaagde oppervlaktetemperatuur         -         Controlgear replaceability         By profession           DIN 18032-3-certificering         -         Driver Box	Locking Hook	-	Mounting and installation	Voor inbouw-
STANDARDS AND APPROVALS  - Bevestiging Via springs integrated with the lumin Classificering - Light souce replaceability Non-replaced Toestel met verlaagde oppervlaktetemperatuur  DIN 18032-3-certificering - Driver Box	External screw	-	Tilt	-
Classificering - Light souce replaceability Non-replaced Toestel met verlaagde - Controlgear replaceability By profession oppervlaktetemperatuur DIN 18032-3-certificering - Driver Box	Colour	Powder coating	Wiring	With connection terminal on driver
Toestel met verlaagde - Controlgear replaceability By profession oppervlaktetemperatuur  DIN 18032-3-certificering - Driver Box	STANDARDS AND APPROVALS	-	Bevestiging	Via springs integrated with the luminaire
oppervlaktetemperatuur DIN 18032-3-certificering - Driver Box	Classificering	-	Light souce replaceability	Non-replaceable
DIN 18032-3-certificering - Driver Box	Toestel met verlaagde	-	Controlgear replaceability	By professional
	oppervlaktetemperatuur			
IPEA - Maximum surface exposed to the wind	DIN 18032-3-certificering	-	Driver Box	-
	IPEA	-	Maximum surface exposed to the wind	-
Isolatie- II	Isolatie-	II		-
klasse	klasse			
IP IP40 - IP54	IP-	IP40 - IP54		-
graad	graad			
Stoot- IK06	Stoot-	IK06		-
bestendigheid				
Glow Wire Test 850 °C	Glow Wire Test	850 °C		<u>-</u>

### **DIMENSIONAL**







Data, measures, designs and pictures are for information purpose only, last update 03/05/2024. They can be changed at any moment, therefore it is always ecommended to read the last updated version published on the website www.gewiss.com.Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at https://www.gewiss.com/it/en/company/landingpage/led-warranty. - 1 of 2



# **Product Data Sheet** GWF1411GH930

ELIA AL

## **TECHNICAL SYMBOLOGY**













ΙP IP40 - IP54

IK IK06

**GWT** 850 °C

## STANDARDS/APPROVALS





