## Product Data Sheet GWS3323AC957

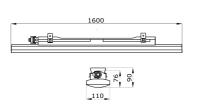
#### SMART [3] PLUS



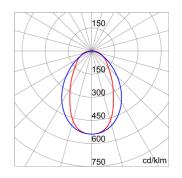
Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI  $\ge$ 80 and  $\ge$ 90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas Can replace high flux and lowbay fluorescent devices up to 10,000lm. Available in sizes 800, 1200, 1600mm, powers from 25W to 63W, flows from 4,000lm to 10,000lm, with integrated On/Off or DALI power and 3 different optical solutions, Transparent, Opal and Transparent screen with medium-beam optics complete with TIR lens made of PMMA. The version with through wiring has pre-wired mechanical and electrical components, with a maximum of 25 devices installed in a continuous row. It is possible to install the suspension and wall appliance, accessories bracket GW with inclination of 30° or 45° on the vertical axis. An emergency kit version is available.

MATERIALS   -   Driver   Included     Body   Polycarbonate   Driver failure rate   F10 = 100.000h Tq25°C     Shield type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   PMMA lens inside   Control System   Through wiring - DALI     Gasket   CNC deposited sealant   INSTALLATION AND MAINTENANCE   -     Locking Hook   -   Tilt   With fixing bracket     Colour   RAL7035 colored PC paste   Wiring   With GW connect watertight connector     STANDARDS AND APPROVALS   -   Fixing   Stainless steel support     Classification   -   Light souce replaceability   Non-replaceable     Divice with reduced surface temperature   Yes   Control gear replaceability   Non-replaceable     Divice with reduced surface temperature   Yes   Maximum surface exposed to the wind   -     IPEA   -   -   Maximum surface exposed to the wind   -     IPEA   -   IPE6/IPE9   -   -	GENERAL IN	FORMATION -	OPTIC AND ILLUMINATING FEATURES -	
Application   Internal   Lumen output (Im)   5600     Unique digital code (Datamatrix)   Datamatrix   Efficacy   112     Colour   Grey RAL 7035   Colour temperature   5700 K     Type of light source   LED   Colour temperature   5700 K     System power   50 W   Standard Deviation Colour Matching   SDCM = 3     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10(Tq55°C)=100.000h; L80B10   Photobiological Risk Class   RG0     Weight (Kg)   4   Standard   EN60598-1; IEC 62778; IEC 62778; IEC 62471     Warranty   5 years   Supply voltage   220-240 V     Stocking temperature   -25 +80 °C   Supply voltage   220-240 V     MatTERIALS   5 years   Supply voltage   220-240 V     Body   Polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   PMMA lens inde   Driver   Included     Gaskt   CNC deposited sealant   INSTALLATION AND MAINTENANCE   -     Locking Hook   Titt   Witing   Stainess steel support   -     Colour   RAL7035 colored PC paste   Wiring   Stainess steel suport <td< td=""><td>Context</td><td></td><td>Optic</td><td>Transparent with internal lens</td></td<>	Context		Optic	Transparent with internal lens
Unique digital code (Datamatrix)   Datamatrix   Efficacy   112     Colour   Grey RAL 7035   Colour temperature   5700 K     System power   50 W   Standard Deviation Colour Matching   SDCM = 3     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10   Photobiological Risk Class   RG0     Weight (kg)   4   Standard   EN60598-1; IEC 62778; IEC62471     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   202-240 V     Stocking temperature   -25 +80 °C   Rated frequency (Hz)   50/60 Hz     Sheid type   Oplycarbonate   Driver   Included     Body   Polycarbonate   Driver failure rate   F10 = 100.000h Tq25°C (OV Revoltage protection   DM IKV / CM ZKV     Optic   PMMA lens inside   Control System   Through wining - DALI     Gasket   CNC deposited sealant   INSTALLATION AND MAINTENANCE   -     Colour   RAL7035 colored PC paste   Writing   Witin GW connect watertight connector     Colour   RAL7035 colored PC paste   Writing   Stalation   Colourlega replaceability   Non-replaceable     Device with reduced surface temperature   Yes	Luminaire	LED fixture for general lighting	Unified Glare Rating	UGR ≤ 25 (4H/8H)
Colour   Grey RAL 7035   Colour temperature   570 K     Type of light source   LED   Colour Rendering Index   CRI>90     System power   50 W   Standard Deviation Colour Matching   SDCM = 3     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=400.00h; L80B10   Photobiological Risk Class   RGO     Weight (kg)   4   Standard   EN60598-1; IEC 62778; IEC62471     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Stocking temperature   -25 +80 °C   Rated frequency (Hz)   50/60 Hz     Operating temperature   -25 +50 °C   Rated frequency (Hz)   50/60 Hz     Soldy   Polycaronate   Driver   F10 = 100.000h Tq25°C     Shield type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   PMMA lens inside   Control System   -   -     Locking Hook   -   Title   Wing   -   -     Locking Hook   -   Title   With GW connect watertight connector   -     Standard   -   Title   With GW connect watertight connector   -     Stanlastread <td< td=""><td colspan="2"></td><td>Lumen output (Im)</td><td>5600</td></td<>			Lumen output (Im)	5600
Type of light source   LED   Colour Rendering Index   CRI>90     System power   50   W   Standard Deviation Colour Matching   SDCM = 3     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; R0B10   Photobiological Risk Class   RG0     Weight (kg)   4   Standard   EN60598-1; IEC 62778; IEC62778; IEC6278; IEC62778; IEC6278; IEC62778; IEC6278; INSTALLATION AND AINTENANCE	Unique digital code (Datamatrix) Datamatrix			112
System power50 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000h (Tq50°C)=94.000hPhotobiological Risk ClassRG0Weight (kg)4Standard Deviation Colour MatchingSDCM = 3Warranty5 yearsELETRICAL AND LIGHTING FEATURESRG0Operating temperature-25 +80 °CSupply voltage20-240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALS-Driver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateDriver failure rateF10 = 100.000h Tq25°COpticPMMA lens insideControl SystemThrough wiring - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-TiltWiringWiring wiring - SuspensionColourRAL7035 colored PC pasteWiringWiringStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDiver BoxIIMaimum surface exposed to the wind-IPEA-Maimum surface exposed to the wind-IP degreeIP66/IP69	Colour	Grey RAL 7035	Colour temperature	5700 K
LÉD Lifetime   L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000h   Photobiological Risk Class   RG0     Weight (kg)   4   Standard   EN60598-1; IEC 62778; IEC62471     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Stocking temperature   -25 +80 °C   Supply voltage   220-240 V     Operating temperature   -25 +80 °C   Supply voltage   220-240 V     MATERIALS   -   Driver   Included     Body   Polycarbonate   Driver   Included     Optic   VU stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   CNC deposited sealant   INSTALLATION AND MAINTENANCE   -     Colour   RAL7035 colored PC paste   Wiring   With GW connect watertight connector     Stafication   -   Fixing   Stainless steel support     Classification   -   Kight souce replaceability   Non-replaceable     Divier Box   -   Maimum surface exposed to the wind   -     IPEA   -   Maximum surface exposed to the wind   -     IPEA   -   Maximum surface exposed to the wind   - </td <td colspan="2">Type of light source LED</td> <td>Colour Rendering Index</td> <td>CRI&gt;90</td>	Type of light source LED		Colour Rendering Index	CRI>90
Weight (kg)   4   Standard   EN60598-1; IEC 62778; IEC62771     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Stocking temperature   -25 +80 °C   Supply voltage   220-240 V     Operating temperature   -25 +50 °C   Rated frequency (Hz)   50/60 Hz     MATERIALS   -   Driver   Included     Body   Polycarbonate   Driver failure rate   F10 = 100.000 h Tq25°C     Shield type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   PMMA lens inside   Control System   Through wiring - DALI     Gasket   CNC deposited sealant   INSTALLATION AND MAINTENANCE   -     Locking Hook   -   Tilt   With GW connect watertight connector     Stainleastiction   -   Fixing   Stainleas steel support     Closurf RAL7035 colored PC paste   Fixing   Stainless steel support     Classification   -   Light souce replaceability   Non-replaceable     Device with reduced surface temperature   Yes   Control gear replaceability   Non-replaceable     Din 18032-3 certification   Not available   Driver Box	System power 50 W		Standard Deviation Colour Matching	SDCM = 3
Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Stocking temperature   -25 +80 °C   Supply voltage   220-240 V     Operating temperature   -25 +50 °C   Rated frequency (Hz)   50/60 Hz     MATERIALS   -   Driver   Included     Body   Polycarbonate   Driver failure rate   F10 = 100.000h Tq25°C     Shield type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   PMMA lens inside   Control System   Through wring - DALI     Gasket   CNC deposited sealant   INSTALLATION AND MAINTENANCE   -     Locking Hook   -   Tilt   With fixing bracket     Colour   RAL7035 colored PC paste   Wiring   Witing   Non-replaceable     Device with reduced surface temperature   Yes   Control gear replaceability   Non-replaceable     Diver Box   -   Maximum surface exposed to the wind   -     IPEA   -   Maximum surface exposed to the wind   -     IP degree   IP66/IP69   -   Maximum surface exposed to the wind   -	LED Lifetime		Photobiological Risk Class	RG0
Stocking temperature   -25 +80 °C   Supply voltage   220-240 V     Operating temperature   -25 +50 °C   Rated frequency (Hz)   50/60 Hz     MATERIALS   -   Driver   Included     Body   Polycarbonate   Driver failure rate   F10 = 100.000h Tq25°C     Shield type   UV stabilised polycarbonate   Overvoltage protection   DM KV / CM 2KV     Optic   PMMA lens inside   Control System   Through wiring - DALI     Gasket   CNC deposited sealant   INSTALLATION AND MAINTENANCE   -     Locking Hook   -   Tilt   With fixing bracket     Colour   RAL7035 colored PC paste   Wiring   With GW connect waterlight connector     StaMDARDS AND APPROVALS   -   Light souce replaceability   Non-replaceable     Device with reduced surface temperature   Yes   Controlgear replaceability   Non-replaceable     Diver Box   -   Maximum surface exposed to the wind   -     IPEA   -   Maximum surface exposed to the wind   -     IP degree   IP66/IP69   -   -   -	Weight (kg)	4	Standard	EN60598-1; IEC 62778; IEC62471
Operating temperature   -25 +50 °C   Rated frequency (Hz)   50/60 Hz     MATERIALS   Driver   Included     Body   Polycarbonate   Driver failure rate   F10 = 100.000h Tq25°C     Shield type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   PMMA lens inside   Control System   Through wiring - DM 1KV / CM 2KV     Gasket   CNC deposited sealant   INSTALLATION AND MAINTENANCE   -     Locking Hook   -   Tilt   With GW connect with fixing bracket     Colour   RAL7035 colored PC paste   Wiring   With GW connect with fixing bracket     Colour   RAL7035 colored PC paste   Fixing   Stainless steel support     Classification   -   Light souce replaceability   Non-replaceable     Driver Box   -   Maximum surface exposed to the wind   -     IPEA   -   Maximum surface exposed to the wind   -     IP degree   IP66/IP69   -   -   -	Warranty 5 years		ELETRICAL AND LIGHTING FEATURES	-
MATERIALS   -   Driver   Included     Body   Polycarbonate   Driver failure rate   F10 = 100.000h Tq25°C     Shield type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   PMMA lens inside   Control System   Through wiring - DALI     Gasket   CNC deposited sealant   INSTALLATION AND MAINTENANCE   -     Locking Hook   -   Tilt   With fixing bracket     Colour   RAL7035 colored PC paste   Wiring   With GW connect watertight connector     STANDARDS AND APPROVALS   -   Fixing   Stainless steel support     Classification   -   Light souce replaceability   Non-replaceable     Divice with reduced surface temperature   Yes   Control gear replaceability   Non-replaceable     Divice with reduced surface temperature   Yes   Maximum surface exposed to the wind   -     IPEA   -   -   Maximum surface exposed to the wind   -     IPEA   -   IPE6/IPE9   -   -	Stocking temperature -		Supply voltage	220-240 V
BodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticPMMA lens insideControl SystemThrough wiring - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDivice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDix 18032-3 certificationNot availableDriver BoxBuilt-inIPEAMaximum surface exposed to the wind-IP degreeIP66/IP69	Operating temperature -25 +50 °C		Rated frequency (Hz)	50/60 Hz
Shield type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   PMMA lens inside   Control System   Through wiring - DALI     Gasket   CNC deposited sealant   INSTALLATION AND MAINTENANCE   -     Locking Hook   -   Mounting and installation   Ceiling - Wallmounting - Suspension     External screw   -   Tilt   With GW connect watertight connector     Colour   RAL7035 colored PC paste   Wiring   With GW connect watertight connector     STANDARDS AND APPROVALS   -   Fixing   Stainless steel support     Classification   -   Light souce replaceability   Non-replaceable     Device with reduced surface temperature   Yes   Control gear replaceability   Non-replaceable     DIN 18032-3 certification   Not available   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   -     Insulation class   II   -   -	MATERIALS -		Driver	Included
Optic     PMMA lens inside     Control System     Through wiring - DALI       Gasket     CNC deposited sealant     INSTALLATION AND MAINTENANCE     -       Locking Hook     -     Mounting and installation     Ceiling - Wallmoutting - Suspension       External screw     -     Tit     With GW connector       Colour     RAL7035 colored PC paste     Wiring     With GW connector and the fixing       STANDARDS AND APPROVALS     -     Fixing     Stainless steel support       Classification     -     Light souce replaceability     Non-replaceable       Device with reduced surface temperature     Yes     Control gear replaceability     Non-replaceable       DIN 18032-3 certification     Not available     Driver Box     Built-in       IPEA     -     Maximum surface exposed to the wind     -       Insulation class     II     -     -	Body Polycarbonate		Driver failure rate	F10 = 100.000h Tq25°C
Gasket   CNC deposited sealant   INSTALLATION AND MAINTENANCE   -     Locking Hook   -   Mounting and installation   Ceiling - Wallmounting - Suspension     External screw   -   Tilt   With fixing bracket     Colour   RAL7035 colored PC paste   Wiring   With GW connect watertight connector     STANDARDS AND APPROVALS   -   Fixing   Stainless steel support     Classification   -   Light souce replaceability   Non-replaceable     Device with reduced surface temperature   Yes   Controlgear replaceability   Non-replaceable     DIN 18032-3 certification   Not available   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   -     Insulation class   II   -   -	Shield type UV stabilised polycarbonat		Overvoltage protection	DM 1KV / CM 2KV
Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classIIIP degreeIP66/IP69	Optic	PMMA lens inside	Control System	Through wiring - DALI
External screw   -   Tilt   With fixing bracket     Colour   RAL7035 colored PC paste   Wiring   With GW connect watertight connector     STANDARDS AND APPROVALS   -   Fixing   Stainless steel support     Classification   -   Light souce replaceability   Non-replaceable     Device with reduced surface temperature   Yes   Controlgear replaceability   Non-replaceable     DIN 18032-3 certification   Not available   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   -     Insulation class   II   -   -	Gasket CNC deposited sealant		INSTALLATION AND MAINTENANCE	-
Colour   RAL7035 colored PC paste   Wiring   With GW connect watertight connector     STANDARDS AND APPROVALS   -   Fixing   Stainless steel support     Classification   -   Light souce replaceability   Non-replaceable     Device with reduced surface temperature   Yes   Controlgear replaceability   Non-replaceable     DIN 18032-3 certification   Not available   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   -     Insulation class   II   -   -     IP degree   IP66/IP69   -   -	Locking Hook -			Ceiling - Wallmounting - Suspension
STANDARDS AND APPROVALS   -   Fixing   Stainless steel support     Classification   -   Light souce replaceability   Non-replaceable     Device with reduced surface temperature   Yes   Controlgear replaceability   Non-replaceable     DIN 18032-3 certification   Not available   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   -     Insulation class   II   -   -     IP degree   IP66/IP69   -   -	External screw -			
Classification   -   Light souce replaceability   Non-replaceable     Device with reduced surface temperature   Yes   Controlgear replaceability   Non-replaceable     DIN 18032-3 certification   Not available   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   -     Insulation class   II   -   -     IP degree   IP66/IP69   -   -			Wiring	
Device with reduced surface temperature Yes Controlgear replaceability Non-replaceable   DIN 18032-3 certification Not available Driver Box Built-in   IPEA - Maximum surface exposed to the wind -   Insulation class II - -   IP degree IP66/IP69 - -	STANDARDS AND APPROVALS -		Fixing	Stainless steel support
DIN 18032-3 certification Not available Driver Box Built-in   IPEA - Maximum surface exposed to the wind -   Insulation class II - -   IP degree IP66/IP69 - -			Light souce replaceability	Non-replaceable
IPEA - Maximum surface exposed to the wind -   Insulation class II -   IP degree IP66/IP69 -			Controlgear replaceability	Non-replaceable
Insulation class II - IP degree IP66/IP69 -			Driver Box	Built-in
IP degree IP66/IP69 -	IPEA	-	Maximum surface exposed to the wind	-
				-
				-
	Mechanical resistance IK08			-
Glow Wire Test 850 °C -	Glow Wire Test 850 °C			-

#### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



# TECHNICAL SYMBOLOGY Image: Constraint of the symbol Image:

Data, measures, designs and pictures are for information purpose only, last update 20/04/2023. 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

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SMART [3] PLUS



