## Product Data Sheet GWS3223AT957

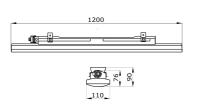
#### SMART [3] PLUS



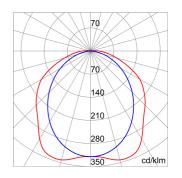
Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI  $\ge$ 80 and  $\ge$ 90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas Can 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.

Context     Lighting of warehouses, indoor parking and industrial production rooms     Optic     Microprismatic transparent production rooms       Luminaire     LED fixture for general lighting     Unified Glare Rating     UGR ≤ 25 (4H/4H)       Application     Internal     Lumen output (im)     4500       Unique digital code (Datamatrix)     Datamatrix     Efficacy (imW)     118       Colour     Grey RAL 7035     Colour temperature     5700 K (imm)       System power     128     Colour temperature     5700 K (imm)       LED Lifetime     L98010(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10     Standard Deviation Colour Matching     SDCM = 3       LED Lifetime     L98010(Tq25°C)=50.000h; L80B10(Tq25°C)=40.000h;     Standard Deviation Colour Matching     SDCM = 3       Veight (kg)     2.4     Standard     EN60598-1; IEC 62778; IEC62471     R60       Varanty     5 years     Supply voltage     220-240 V     Optrating temperature     -25 +69 °C     Rated frequency (Hz)     50/60 Hz     -       Optrating temperature     -25 +50 °C     Rated frequency (Hz)     50/60 Hz     -     1/60/60 Hz     -       Optruc     Interger	GENERAL INI	FORMATION -	OPTIC AND ILLUMINATING FEATURES	<u>-</u>
Application   Internal   Lumen output (lm)   4500     Unique digital code (Datamatrix)   Datamatrix   Efficacy   118     Colour   Grey RAL 7035   Colour temperature   5700 K     Type of light source   LED   Colour Rendering Index   CRI>90     System power   L80   Standard Deviation Colour Matching   SDCM = 3     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000h   Photobiological Risk Class   RG0     Weight (kg)   2.4   Standard Deviation Colour Matching   SDCM = 3     Stocking temperature   -25 +80 °C   Supply voltage   220-240 V     Operating temperature   -25 +50 °C   Rated frequency (Hz)   50/60 Hz     MATERIALS   Driver failure rate   F10 = 100.000h rq25°C   -     Shield type   UV stabilised polycarbonate   Driver failure rate   F10 = 100.000h rq25°C   -     Optic   Integrated in the screen   Control System Jonatilation   Ceiling - Wallmounting - Suspension   -     Colour   RAL7035 colored PC pase   Wiring   With GW connect watertight connector   -     Standard   Colous temperature   Yes	Context		Optic	Microprismatic transparent
Unique digital code (Datamatrix)   Datamatrix   Efficacy   118     Colour   Grey RAL 7035   Colour temperature   5700 K     Cype of light source   LED   Colour temperature   5700 K     System power   38 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)   2.4   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 +80 °C   Supply voltage   220-240 V     Operating temperature   -25 +80 °C   Rated frequency (Hz)   5060 Hz     Shield type   UV stabilised polycarbonate   Driver failure rate   F10 = 100.000h Tq25°C     Shield type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   Integrated in the screen   Mounting and installation   Ceiling - With fixing bracket     Colour   RAL7035 colored PC paste   Witing   With fixing bracket     <	Luminaire	LED fixture for general lighting	Unified Glare Rating	UGR ≤ 25 (4H/4H)
Colour     Grey RAL 7035     Colour temperature     5700 k       Type of light source     LED     Colour temperature     5700 k       System power     38 W     Standard Deviation Colour Matching     SDCM = 3       LED Lifetime     L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=400.000h; L80B10(Tq25°C)=40.000h     Photobiological Risk Class     RG0       Weight (kg)     2.4     Standard     EN60598-1; IEC 62778; IEC62471       Warranty     5 years     ELETRICAL AND LIGHTING FEATURES     -       Stocking temperature     -25 +50 °C     Supply voltage     220-240 V       Operating temperature     -25 +50 °C     Rated frequency (Hz)     50/860 Hz       Body     Polycarbonate     Driver     Included       Stocking Hook     Driver failure rate     F10 = 100.000h Tq25°C       Optic     Integrated in the screen     Control System     Through With GV A2XV       Optic     Integrated in the screen     Control System     Through With GW connect watertight connector       Standard     Control System     Witing     Witing     Non-replaceable       Optic     Integrated     F10 souce replaceability	Application Internal		Lumen output (Im)	4500
Type of light sourceLEDColour Rendering IndexCRI>90System power38 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10(Tq25°C)=94.000hPhotobiological Risk ClassRG0Weight (kg)2.4Standard Deviation Colour MatchingSDCM = 3Weight (kg)2.4Standard Deviation Colour MatchingRC62778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +50 °CSupply voltage220-240 VOperating temperature-25 +50 °CReted frequency (Hz)50/60 HzMATERIALSDriverIntegrated in the screenOriverIncludedShield typeUV stabilised polycarbonateOriver failure rateF10 = 100.000h Tq25°COpticIntegrated in the screenControl SystemThrough witing - DALILocking Hook-Mutting and installationCeiling - Wallmounting - SuspensionExternal screw-TitWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supcotClassification-Light souce replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuiltIPEAMaximum surface exposed to the wind-IPEA-Maximum surface exposed to the windIPedgreeIP66/IP69	Unique digital code (Datamatrix) Datamatrix			118
System power38 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000h (Tq50°C)=94.000h (Tq50°C)=94.000hPhotobiological Risk ClassRG0Weight (kg)2.4StandardEN60598-1; IEC 62778; IEC62471 SuperstructRG0Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +50 °CRated frequency (Hz)50/60 HzOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzBodyPolycarbonateDriverIncludedShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - DALILocking HookMounting and installationCeiling - Wallmounting - Suspension-Kateral screw-TitWith GW connect watertight connector-ColourRAL7035 colored PC pasteViringWith GW connect watertight connector-Standard DeviationNot availableDriver BoaxBuilt souce replaceabilityNon-replaceableDiN 18032-3 certificationNot availableDriver BoaxBuilt surface exposed to the wind-IPEA-Maximum surface exposed to the windInsulation classII-Mounting class ted in the screen-IP degreeIP66/IP69IP degreeIP66/IP69IP de	Colour	Grey RAL 7035	Colour temperature	5700 K
LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000h   Photobiological Risk Class   RG0     Weight (kg)   2.4   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     MATERALS   Driver   Oncided   Included     Body   Polycarbonate   Driver   Overvoltage protection   DM 1KV / CM 2KV     Optic   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   CNC deposited sealant   INSTALLATION AND MAINTENANCE   -     Locking Hook   Nounting and installation   Ceiling - Wallmounting - Suspension     External screw   Tit   With GW connect watertight connector     Colour   RAL7035 colored PC paste   Wing   With GW connect watertight connector     Device with reduced surface temperature   Yes   Controlgear replaceability   Non-replaceable     Device with reduced surface temperature   Yes   Controlgear replaceability   Non-replaceable	Type of light source LED		Colour Rendering Index	CRI>90
Weight (kg)   2.4   Standard   EN60598-1; IEC 62778; IEC 62471     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   50/60 Hz   50/60 Hz     Body   Polycarbonate   Driver failure rate   F10 = 100.000 h Tq25°C     Shield type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   Integrated in the screen   Control System   Through wiring - DALI     Locking Hook   -   Mounting and installation   Ceiling - Wallmounting - Suspension     External screw   -   Tit   With GW connect watertistig to connector     Colour   RAL7035 colored PC paste   Wiring   With GW connect waterlisted support     Standard   Ight souce replaceability   Non-replaceable   Driver Box     Device with reduced surface temperature   Yes   Control Spater   Fixing     Colour   RAL7035 colored PC paste   Uight souce replaceability   Non-replaceable     Device with reduced	System power 38 W		Standard Deviation Colour Matching	SDCM = 3
Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALS-DriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWitingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDiver BoxIlMaximum surface exposed to the wind-Insulation classIIInsulation classIIInsulation classIIInsulation classIIIP degreeIP66I/P69Maximura surface exposed to the windIP degreeIP66I/P69Mechanical resistanceIK08	LED Lifetime		Photobiological Risk Class	RG0
Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALS-DriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith fixing bracketColourRAL7035 colored PC pasteViringWith GW connect watertight connectorStainleess teel support-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDin 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-IMaximum surface exposed to the wind-Insulation classIIMaximum surface exposed to the wind-IP degreeIP66/IP69Mechanical resistanceIK08	Weight (kg)	2.4	Standard	EN60598-1; IEC 62778; IEC62471
Operating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALSDriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.000 h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wrinrg - DALILocking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect waterlight connectorSTANDARDS AND APPROVALS-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classIIII-IP degreeIP66/IP69Mechanical resistanceIK08	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   Driver failure rate   F10 = 100.000h Tq25°C     Optic   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   Integrated in the screen   Control System   Through wiring - DALI     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   -   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   -     IP degree   IP66/IP69   -   -     Mechanical resistance   IK08   -   -	Stocking temp	erature -25 +80 °C	Supply voltage	220-240 V
BodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDivier BoxControl gear replaceabilityNon-replaceableBuilt-inIPEA-Maximum surface exposed to the wind-IPEAIIIIIPeqeeIP66/IP69Mechanical resistanceIK08	Operating temperature -25 +50 °C		Rated frequency (Hz)	50/60 Hz
Shield type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   Integrated in the screen   Control System   Through wiring - DALI     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   -   Light souce replaceability   Non-replaceable     Device with reduced surface temperature   Yes   Control Sear replaceability   Non-replaceable     DIN 18032-3 certification   Not available   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   -     IP degree   IP66/IP69   -   -     Mechanical resistance   IK08   -   -	MATERIALS -		Driver	Included
OpticIntegrated in the screenControl SystemThrough wiring - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeilling - Wallmounting - SuspensionExternal screw-TiltWiring bracketColourRAL7035 colored PC pasteWiringWiringSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-IIIIIPedereeIP66/IP69Mechanical resistanceIK08	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 waterlight connector     STANDARDS AND APPROVALS   -   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   -     II   Brefore   IP66/IP69   -     Mechanical resistance   IK08   -   -	Shield type UV stabilised polycarbonate		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/IP69Mechanical resistanceIK08	Optic	Integrated in the screen	Control System	Through wiring - DALI
External 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/IP69Mechanical resistanceIK08	Gasket CNC deposited sealant			-
ColourRAL7035 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/IP69Mechanical resistanceIK08	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   -   -     IPegree   IP66/IP69   -   -     Mechanical resistance   IK08   -   -				
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   -   -     Mechanical resistance   IK08   -   -	Colour RAL7035 colored PC paste		Wiring	With GW connect watertight connector
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 - -   IPederee IP66/IP69 - -   Mechanical resistance IK08 - -	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 - -   Mechanical resistance IK08 - -			Light souce replaceability	
IPEA - Maximum surface exposed to the wind -   Insulation class II -   IP degree IP66/IP69 -   Mechanical resistance IK08 -				
Insulation class II -   IP degree IP66/IP69 -   Mechanical resistance IK08 -				Built-in
IP degree IP66/IP69 - Mechanical resistance IK08 -			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

#### STANDARDS/APPROVALS

