## Product Data Sheet GWS3223AT930

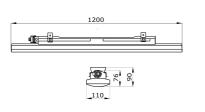
SMART [3] PLUS



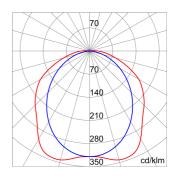
Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI  $\ge$ 80 and  $\ge$ 90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas Can 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       Luminaire     LED fixture for general lighting     Unfied Glare Rating     UGR ≤ 25 (4H/4H)       Application     Internal     Lumen output (Im)     4200       Unique digital code (Datamatrix)     Datamatrix     Efficacy (ImW)     111       Colour     Grey RAL 7035     Colour temperature     3000 k f       Type of light source     LED     Colour Temperature     3000 k f       System power     L98010(Tq25*C)=50.000h; L80B10(Tq25*C)=100.000h; L80B10     Photobiological Risk Class     R60       Weight (kg)     2.4     Standard     EN60598-1; IEC 62778; IEC62471       Waranty     5 years     ELETRCLA ND LIGHTING FEATURES     -       Operating temperature     -25 450 °C     Rated frequency (Hz)     50/60 Hz       MATERIALS     -     Driver failure rate     F10 = 100.0000 ht 255'C       Shield type     UV stabilised polycarbonate     Driver failure rate     F10 = 100.0000 ht 255'C       Shield type     UV stabilised polycarbonate     Oreortol System     Through wiring - DAL       Optic </th <th colspan="3">GENERAL INFORMATION -</th> <th>OPTIC AND ILLUMINATING FEATURES</th> <th>-</th>	GENERAL INFORMATION -			OPTIC AND ILLUMINATING FEATURES	-
Application   Internal   Lumen output (lm)   4200     Unique digital code (Datamatrix)   Datamatrix   Efficacy   111     Colour   Grey RAL 7035   Colour temperature   3000 K     Type of light source   LED   Colour Rendering Index   CRI>90     System power   LSD Lifetime   L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=340.000h   Photobiological Risk Class   RG0     Weight (kg)   2.4   Standard Deviation Colour Matching   SDCM = 3     Vorget (kg)   2.4   Standard Deviation Colour Matching   CO20-2778; IEC62471     Warranty   5 years   ELETRICAL AND LightTing FEATURES   -     Stocking temperature   -25 +50 °C   Rated frequency (Hz)   50/60 Hz     MATERIALS   Driver   Inclerate and the screen   Oriver   Inclerate and the screen     Optic   Integrated in the screen   Control System   Through wing - Dat   -     Colour   RAL7035 colored PC pase   Wiring   With GW connect watertight connector     Standard   CNC deposited sealant   INSTALLATION AND MAINTENANCE   -     Colour   RAL7035 colored PC pase   Wiring <td< td=""><td>Context</td><td></td><td></td><td>Optic</td><td>Microprismatic transparent</td></td<>	Context			Optic	Microprismatic transparent
Unique digital code (Datamatrix)   Datamatrix   Efficacy   111     Colour   Grey RAL 7035   Colour temperature   3000 K     System power   120   Colour Xendering Index   CRIP 90     System power   38 W   Standard Deviation Colour Matching   SDCR 93     Weight (kg)   (Tq50°C)=94.000h   Photobiological Risk Class   RG0     Weight (kg)   2.4   Standard Deviation Colour Matching   SDCR 93     Voeight (kg)   2.4   Standard Deviation Colour Matching   SDCR 93     Voeight (kg)   2.4   Standard Deviation Colour Matching   SDCR 93     Voeight (kg)   2.4   Standard Deviation Colour Matching   SDCR 93     Voeight (kg)   2.4   Standard Deviation Colour Matching   SDCR 93     Stocking temperature   -25 +80 °C   Supply voltage   2.02-240 V     Operating temperature   -25 +80 °C   Rated frequency (Hz)   50/60 Hz     Standard Devization the screen   Driver failure rate   F10 = 100.000h 725°C   Control System   Through wing - DALI     Gasket   CNC deposited sealant   INSTALLATION AND MAINTENANCE   —   Nor-replaceable     Loc	Luminaire LED fixture for general lighting		ighting	Unified Glare Rating	UGR ≤ 25 (4H/4H)
Colour     Grey RAL 7035     Colour temperature     300 k       Type of light source     LED     Colour Rendering Index     CRI>90       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     EN60598-1; IEC 62778; IEC62471       Warranty     5 years     ELET RCAL AND LIGHTING FEATURES     -       Stocking temperature     -25 +50 °C     Supply voltage     220-240 V       Operating temperature     -25 +50 °C     Supply voltage     220-240 V       MATERIALS     Driver     Included     Included       Body     Polycarbonate     Driver     Included       Shield type     UV stabilised polycarbonate     Overvoltage protection     DM 1KV / CM 2KV       Optic     Integrated in the screw     Titl     Mounting and installation     Celling - Wallmounting - Suspension       Colour     RAL7035 colored PC paste     Wiring     With GW connect watertight connector       STADARDS AND APPROVALS     Fixing     Stal	Application Internal		nternal	Lumen output (Im)	4200
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 ClassRGOWeight (kg)2.4Standard Deviation Colour MatchingSDCM = 3Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALSDriverIntegrated in the screenDriverIncludedStocking HookCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking HookTitWithing uniting an installationCeiling - Walth Gw connect watertight connectorStandardRAL7035 colored PC pasteFixingStainless steel supportClassificationLight souce replaceabilityNon-replaceableDivire BoxDivise aufface temperatureYessControl Gyster ceplaceabilityNon-replaceableDivise aufface temperatureYessControl gear eplaceabilityNon-replaceableDivise aufface temperatureYessControl Gyster ceplaceabilityNon-replaceableDivise aufface temperatureYessControl Gyster ceplaceabilityNon-replaceableDivise aufface temperatureYessControl Gyster ceplaceabilityNon-replaceableDivise aufface temperatureYessControlgear replaceabilityNon-replaceableDi	Unique digital code (Datamatrix) Datamatrix		matrix		111
System power   38 W   Standard Deviation Colour Matching   SDCM = 3     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10(Tq25°C)=40.000h; (Tq50°C)=40.000h; (Tq50°C)=40.00h; (Tq50°C)	Colour Grey RAL 7035		Colour temperature	3000 K	
LÉD 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 +50 °C   Supply voltage   220-240 V     Operating temperature   -25 +50 °C   Rated frequency (Hz)   50/60 Hz     MATERIALS   Driver   Included   Included     Body   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   Control System   Through wiring - DALI     Locking Hook   -   Mounting and installation   Ceiling - Wallmounting - Suspension     External screw   -   Tit   With GW connect watertight connector     Clour   RAL7035 colored PC pasta   Wiring   With GW connect watertight connector     Stainless steel support   Fixing   Stainless steel support     Clour   RAL7035 colored PC pasta   Driver Box   Builtin     Device with reduced su	Type of light source LED		LED	Colour Rendering Index	CRI>90
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 +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   Integrated in the screen   Control System   Through wiring - DALI     Locking Hook   -   Mounting and installation   Ceiling - Wallmounting - Suspension     External screw   -   Tilt   With GW connect watertight connector     StaNDARDS AND APPROVALS   -   Fixing   Staliness stel support     Classification   -   Light souce replaceability   Non-replaceable     Device with reduced surface temperature   Yes   Control gear replaceability   Non-replaceable     Device with reduced surface temperature   Yes   Controlgear replaceability   Non-replaceable     Device with reduced surface tempera	System power 38 W		38 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 +80 °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   Integrated in the screen   Control System   Through wiring - DALI     Gasket   CNC deposited sealant   INSTALLATION AND MAINTENANCE   -     Locking Hook   -   Tilt   With fixing bracket     Colour   RAL7035 colored PC paste   Wiring   Witing   Stainless steel support     Classification   -   Light souce replaceability   Non-replaceable     Device with reduced surface temperature   Yes   Control gear replaceability   Non-replaceable     Diver Box   Ilight souce replaceability   Non-replaceable   Non-replaceable     Device with reduced surface temperature   Yes   Controlgear replaceability   Non-replaceable     Diver Box </td <td>LED Lifetime</td> <td></td> <td></td> <td>Photobiological Risk Class</td> <td>RG0</td>	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 = 100.00h Tq25'CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Walting SuspensionExternal screw-TiltWith fixing bracketColourRAL7035 colored PC pasteViringWith GW connect watertight connectorStainless stell support-Ligh souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDiv BoxIIII-Built-inIPEA-IK08Insulation classIIIIIP 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 wring - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking HookMounting and installationCeiling - Wallmounting - SuspensionExternal screwTiltWith fixing bracketColourRAL7035 colored PC pasteWiringSTANDARDS AND APPROVALSFixingStainless steel supportClassificationLight souce replaceabilityNon-replaceableDiver suitation classIIDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classIIFixer Bix-IP degreeIP66/IP69Mechanical resistanceIK08	Warranty 5 years		ELETRICAL AND LIGHTING FEATURES	-	
MATERIALSDriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDhiXV / 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 pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDriver BoxIntegrate-Maximum surface exposed to the wind-IPEAMaximum surface exposed to the wind-Insulation classIIIPedereeIP66/IP69Mechanical resistanceIK08	Stocking temperature -25 +80 °C		Supply voltage	220-240 V	
BodyPolycarbonateDriver failure rateF10 = 100.00h 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 diutor classIIDriver BoxBuilt-inIPEA-Maimum surface exposed to the wind-IP degreeIP66/IP69Mechanical resistanceIK08	Operating temperature -25 +50 °C		+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 GW connect watertight connector     STANDARDS AND APPROVALS   -   External scree replaceability   Non-replaceable     Device with reduced surface temperature   Yes   Control System   Stainless steel support     IPEA   -   Maximum surface exposed to the wind   -     IPeagree   IP66/IP69   -   Maximum surface exposed to the wind     IP degree   IK08   -   -	MATERIALS -		-	Driver	Included
OpticIntegrated in the screenControl 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-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-IIIIIIIP degreeIP66/IP69Mechanical resistanceIK08	Body	Polycark	oonate	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   -   -     IP degree   IP66/IP69   -   -     Mechanical resistance   IK08   -   -	Shield type	UV stabilised polycarb	oonate	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 s	screen	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   -   -     IP degree   IP66/IP69   -   -     Mechanical resistance   IK08   -   -	Gasket CNC deposited sealant		ealant	INSTALLATION AND MAINTENANCE	-
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 -		-	Mounting and installation	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   -   -     Mechanical resistance   IK08   -   -	External screw -		-	Tilt	
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		paste	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 - -   Mechanical resistance IK08 - -	STANDARDS AND APPROVALS -		-		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 - -	Classification -		Light souce replaceability	Non-replaceable	
IPEA - Maximum surface exposed to the wind -   Insulation class II -   IP degree IP66/IP69 -   Mechanical resistance IK08 -	Device with reduced surface temperature Yes		Controlgear replaceability	Non-replaceable	
Insulation class II -   IP degree IP66/IP69 -   Mechanical resistance IK08 -	DIN 18032-3 certification Not available		Driver Box	Built-in	
IP degree IP66/IP69 - Mechanical resistance IK08 -	IPEA -		-	Maximum surface exposed to the wind	-
Mechanical resistance IK08 -				-	
	IP degree IP66/IP69		6/IP69		-
Glow Wire Test     850 °C     -			IK08		-
	Glow Wire Test 850 °C		350 °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

Product Data Sheet GWS3223AT930

SMART [3] PLUS



