## Product Data Sheet GWS3122AT957

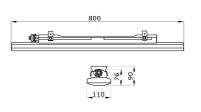
SMART [3] PLUS



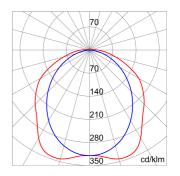
Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI ≥80 and ≥90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas Can replace high 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)     3100       Unique digital code (Datamatrix)     Datamatrix     Efficacy (ImW)     3100       Colour     Grey RAL 7035     Colour temperature     5700 K       Type of light source     LED     Colour Tendering Index     CRI>90       System power     LS0B10(Tq25°C)=50.000h; LS0B10(Tq25°C)=100.000h; LS0B10     Photobiological Risk Class     RG0       Weight (kg)     1.7     Standard Deviation Color Matching     SDCH = 3       Useght (kg)     1.7     Standard     ELETGLAND LIGHTING FEATURES     -       Voeright temperature     -25 +80 °C     Rated frequency (Hz)     50/60 Hz     -       Optic     Integrated in the screen     Driver failure rate     F10 = 100.000 nt 725°C     -       Stocking temperature     CNC deposited sealant     INSTALLATION AND MAINTENANCE     -     -       Stocking temperature     CNC deposited sealant     IN	GENERAL INF	FORMATION -	OPTIC AND ILLUMINATING FEATURES -	
ApplicationInternal IternalLume output (Im)3100Unique digital code (Datamatrix)DatamatrixEfficacy (Im/W)124ColourGrey RAL 7035Colour temperature5700 K (Im/W)ColourGrey RAL 7035Colour tendering IndexCRI>90System power25 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=40.000h; L80B10 (Tq50°C)=44.00hPhotobiological Risk ClassR60Weight (kg)1.7Standard Deviation Colour MatchingSDCM = 3Waranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +80 °CRated frequency (Hz)50/60 HzMATERIALS-Driver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOrveroltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemColourRAL7035 colored PC pasteWiringWith GW connect watertight connector-Standard Darper epiloced surface temperatureYessStainless steel support-ColourRAL7035 colored PC pasteWiringWith GW connect watertight connector-Stainless steel-TiltWith GW connect watertight connector-Stainless-FilingStainless steel support-Insulation-Light souce replaceabilityNon-replaceable <td< td=""><td>Context</td><td></td><td>Optic</td><td>Microprismatic transparent</td></td<>	Context		Optic	Microprismatic transparent
Unique digital code (Datamatrix)Datamatrix (Im/W)Efficacy (Im/W)124ColourGrey RAL 7035Colour temperature5700 KType of light sourceLEDColour temperature5700 KSystem power25 WStandard Deviation Colour MatchingSDC Rel 93LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000hPhotobiological Risk ClassRG0Weight (kg)(1,7)Standard Deviation Colour MatchingSDC Rel 2778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +80 °CRated frequency (Hz)5060 HzShield typeUV stabilised polycarbonateDriver failure rateF10 = 100.000 ht Q25'CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenOtrol SystemThrough witring - On/OffColourRAL7035 colored PC pasteWitingWith fixing bracketColourRAL7035 colored PC pasteWitingStanlass steel supportStanDARDS AND APPROVALS-Light souce replaceabilityNon-replaceableDivier goareNot availablePriver BoxBuilt-inPEA-Maximum surface exposed to the wind-InstaltationCelling - Malinouning - SupensionThitNon-replaceableDivier goareNon-replaceabilityNon-replaceableNon-replaceable <td< td=""><td>Luminaire</td><td>LED fixture for general lighting</td><td>Unified Glare Rating</td><td>UGR ≤ 25 (4H/4H)</td></td<>	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 remedering Index   CRI>90     System power   25 W   Standard Deviation Colour Matching   SDCM = 3     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=400.000h; L80B10   Photobiological Risk Class   RG0     Weight (kg)   1.7   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     Body   Polycarbonate   Driver   Included     Sheld type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   Intergrated in the screen   Control System   Through wiring - On/Off   -     Colour   RAL7035 colored PC paste   Wiring   Wiring   Stainless steel support   -     Colour   RAL7035 colored PC paste   Wiring   Stainless steel support   -   -     Colour   RAL7035 colored PC paste   Wiring   Non-replacea	Application Internal		Lumen output (Im)	3100
Type of light sourceLEDColour Rendering IndexCRI>90System power25 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10(Tq25°C)=40.000hPhotobiological Risk ClassRG0Weight (kg)1.7Standard Deviation Colour MatchingEN60598-1; IEC 62778; IEC 62778; IEC 62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +60 °CSupply voltage220-240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALSDriverIncluded50/60 HzShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - 0/10ftLocking HookTitWiringWith GW connect watertight connectorStanDarDS AND APPROVALSFixingStainless steel supportClassificationNot availableDriver BoxStainless steel supportIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEANot availableDriver BoxBuilt-inIPedgreeIP6/IP69IP degreeIP6/IP69-Machard Devision areasIIIP degreeIP6/IP69-Maximum surface exposed to the wind-IP degreeIP6/IP69-Machard DevisionINIP degreeIP6/IP69-IP degreeIP6/IP6	Unique digital code (Datamatrix) Datamatrix			124
System power25 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000hPhotobiological Risk ClassRG0Weight (kg)1.7StandardEN60598-1; IEC 62778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +80 °CSupply voltage50/60 HzMATERIALS-DriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / M 2KVOpticIntegrated in the screenControl SystemThrough wiring - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeilling - Wallmounting - Suspension-External screw-TitWith GW connect watertight connectorStainless steel supportClourRAL7035 colored PC pasteWiringWith GW connect watertight connectorStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYeeControl Spare (page replaceabilityNon-replaceableDevice with reduced surface temperatureYeeControl Spare (page replaceabilityNon-replaceableDevice with reduced surface temperatureYeeControl Spare (page replaceability <td>Colour</td> <td>Grey RAL 7035</td> <td>Colour temperature</td> <td>5700 K</td>	Colour	Grey RAL 7035	Colour temperature	5700 K
LÉD LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000hPhotobiological Risk ClassRG0Weight (kg)1.7StandardEN60598-1; IEC 62778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +80 °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 - On/OffColourRAL7035 colored PC pasteWiring and installationCeiling - Wallmounting - SuspensionExternal screw-TitWiring With GW connectorColourRAL7035 colored PC pasteWiringStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableIPEA-Maximum surface exposed to the wind-IPEA-IP66/IP69IP degreeIP66/IP69IP degreeIP66/IP69	Type of light source LED		Colour Rendering Index	CRI>90
Weight (kg)   1.7   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   Rated frequency (Hz)   50/60 Hz     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   Integrated in the scree   Control System   Through wiring - On/Off     Locking Hook   -   Tilt   With fixing bracket     Colour   RAL7035 colored PC paste   Wiring   With GW connector watertight connector     Standards   -   Tixing   Stainless steel support     Classification   -   Light souce replaceability   Non-replaceable     Divier grade   Its souce replaceability   Non-replaceable   Driver sox     Divier grade   IP66//IP66   -   Insultation   -     Insultation class   II   II   -   -	System power 25 W		Standard Deviation Colour Matching	SDCM = 3
Warranty5 yearsStocking temperature-25 +80 °COperating temperature-25 +80 °CRated frequency (Hz)50/60 HzMATERIALS-BodyPolycarbonateOpticPolycarbonateOpticIntegrated in the screenGasketCNC deposited sealantLocking Hook-External screw-ColourRAL7035 colored PC pasteSTANDARDS AND APPROVALS-Device with reduced surface temperatureYeasDevice with reduced surface temperatureYeasInsulation classIIIP degreeIP66/IP69Maximum surface exposed to the windIP degreeIP66/IP69KosINKosINIP degreeIP66/IP69KosIN <tr< td=""><td>LED Lifetime</td><td></td><td>Photobiological Risk Class</td><td>RG0</td></tr<>	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 - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Walth fixing bracketColourRAL7035 colored PC pasteViringWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableIPEA-Maximum surface exposed to the windInsulation classIIIPegreeIP66/IP69Mechanical resistanceIK08	Weight (kg)	1.7	Standard	EN60598-1; IEC 62778; IEC62471
Operating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALSDriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.00h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDHV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - On/OffGasketCNC 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-replaceableDivide greeINStallableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-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   DN 1KV / CM 2KV     Optic   Integrated in the screen   Control System   Through wiring - On/Off     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   -   Exign   Stainges steel support     Classification   -   Light souce replaceability   Non-replaceable     DIN 18032-3 certification   Not available   Driver Box   Built-in     IPEA   -   Maximum surface exposed to the wind   -     II   IIP66/IP69   -   -     Mechanical resistance   IK08   -   -	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 - On/OffGasketCNC 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 BoxControlgear replaceabilityNon-replaceableBuilt-inIPEA-Maximum surface exposed to the wind-IpreeIP66/IP69Mechanical resistanceIK08	Operating temperature -25 +50 °C		Rated frequency (Hz)	50/60 Hz
Shield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - On/OffGasketCNC 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-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableIPEA-Maximum surface exposed to the wind-IIIIIInsulation classIIIP degreeIP66/IP69Mechanical resistanceIK08	MATERIALS -		Driver	Included
OpticIntegrated in the screenControl SystemThrough wiring - On/OffGasketCNC 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 temperatureYesControl gear replaceabilityNon-replaceableDIN 18032-3 certification-IIMaximum surface exposed to the wind-IPEA-Maximum surface exposed to the windIP degreeIP66/IP69Mechanical resistanceIK08	Body		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   -   Tit   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   -     IP degree   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		Through wiring - On/Off
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   -   -     Mechanical resistance   IK08   -   -	Gasket CNC deposited sealant		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-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	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		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 -			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 -				-
	<b>-</b>			-
Glow Wire Test 850 °C -	Mechanical resistance IK08			-
	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

Product Data Sheet GWS3122AT957

SMART [3] PLUS



