## Product Data Sheet GWS3123AT957

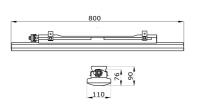
SMART [3] PLUS



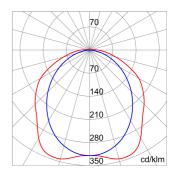
Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI ≥80 and ≥90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas Can replace high 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 Rendering Index     CRI>90       System power     L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10     Photobiological Risk Class     RG0       Weight (kg)     1.7     Standard Deviation Colour Matching     SDCM = 3       Useght (kg)     1.7     Standard     ELETGLAND LIGHTING FEATURES     -       Operating temperature     -25 +80 °C     Rated frequency (Hz)     50/60 Hz     -       Operating temperature     -25 +80 °C     Rated frequency (Hz)     50/60 Hz     -       Stocking temperature     0V stabilised polycarbonate     Oriver failure rate     F10 = 100.0000 Tq25°C       Stocking temperature     CNC deposited sealant     INSTALLATION	GENERAL INF	FORMATION -	OPTIC AND ILLUMINATING FEATURES -	
ApplicationInternal IternalLume output (Im)3100Unique digital code (Datamatrix)DatamatrixEfficacy (Im/W)119ColourGrey RAL 7035Colour temperature5700 KType of light sourceLEDColour Rendering IndexCRI>90System power2.6WStandard 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 = 3Weight (kg)1.7StandardEN60598-1; IEC 62778; IEC62471Waranty5 yearsELETICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CRated frequency (Hz)50/60 HzMATERIALSOriver failure rateF10 = 100.000h Tq25°CIncludedBodyPolycarbonateOriver failure rateF10 = 100.000h Tq25°COpticIntegrated in the screenControl SystemThrough wiring - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking HookTiltWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-FisingStainless steel supportDivice fraitorinNot availableDriver RoxBuilt-inPeice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDivice for lassification-Light souce replaceabilityNon-replaceableDivier BoxNot available	Context		Optic	Microprismatic transparent
Unique digital code (Datamatrix)Datamatrix (Im/W)Efficacy (Im/W)119ColourGrey RAL 7035Colour temperature5700 KColour di light sourceLEDColour temperature5700 KSystem power28 WStandard Deviation Colour MatchingSDC RI>=3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000hPhotobiological Risk ClassRG0Weight (kg)(1,7)Standard Deviation Colour MatchingSDC RIWeight (kg)1,7StandardEN60598-1; IEC 62778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +80 °CSupply voltage200-00h Tq25°CShield typeUV stabilised polycarbonateDriver failure rateF10 = 100.000h Tq25°COpticIntegrated in the screenOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenOvervoltage protectionDM 1KV / CM 2KVColourRAL7035 colored PC pasteWitingWith fixing bracketColourRAL7035 colored PC pasteWitingStaliness steel supportColassification-Light souce replaceabilityNon-replaceableDivi RB032-3 certification-Light souce replaceabilityNon-replaceableDivier GoxIIMaximum surface exposed to the wind-Insulation cla	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   26 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 +80 °C   Supply voltage   220-240 V     MatTERIALS   Driver   Included   Included     Body   Polycarbonate   Driver   Overvoltage protection   DM 1KV / CM 2KV     Sheld type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   Integrated in the screen   Control System   Through wiring - Suspension     Colour   RAL7035 colored PC paste   Wiring   With GW connect watertight connector     Standardo   Fixing   Stainleess steel support   Non-replaceable     Divice with reduced surfa	Application Internal		Lumen output (Im)	3100
Type of light sourceLEDColour Rendering IndexCRI>90System power26 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; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +50 °CRate frequency (Hz)50/60 HzMATERIALSDriverIndiverIndiverShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wing - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-ColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALSFixingStainless steel supportClassificationNot availableDriver BoxBuilt-inInstationNot availableDriver BoxBuilt-inInstationNot availableDriver BoxBuilt-inInstationNot availableDriver BoxBuilt-inPEANot availableDriver BoxBuilt-inInstationItigh souce replaceabilityNon-replaceabileDin 18032-3 certificationNot availableDriver BoxIPEAIP6/IP69-Image State Stat	Unique digital code (Datamatrix) Datamatrix			119
System power26 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 - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeilling - Wallmounting - Suspension-Etamal 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 <t< td=""><td>Colour</td><td>Grey RAL 7035</td><td>Colour temperature</td><td>5700 K</td></t<>	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 - DALILocking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TitWith GW connectorColourRAL7035 colored PC pasteWiringWith GW connectorStandards And APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableIPEA-Maximum surface exposed to the wind-IPEA-IMaximum surface exposed to the wind-IPedageeIP66/IP69IP degreeIP66/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   Cortrol 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     Standardsce temperature   Yes   Cortrolgear replaceability   Non-replaceable     Device with reduced surface temperature   Yes   Cortrolgear replaceability   Non-replaceable     Divier Box   Il Pdegree   IP66/IP69   -   Invier Six     Insulation class   Il	System power 26 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 wind-IP degreeIP66/IP69KotaINIP degreeIP66/IP69KotaINKotaINIP degreeIP66/IP69KotaINKotaINIP degreeIP66/IP69KotaINKotaINIP degreeIP66/IP69IP degree <td>LED Lifetime</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 - 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 protectionDH XV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - DALILocking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDiver with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver 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 - DALI     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     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   -   -     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 - 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 BoxControlgear replaceabilityNon-replaceableBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classIIIP66/IP69IP degreeIP66/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 - 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-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableIPEA-Maximum surface exposed to the wind-IIIIIInsulation classIIIPegreeIP66/IP69Mechanical resistanceIK08	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 temperatureYesControl gear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-IIIIIIIP degreeIP66/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   -   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 - 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 classIIMechanical resistanceIK08	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

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SMART [3] PLUS



