

## Product Data Sheet GWS3321AP940

SMART [3] PLUS

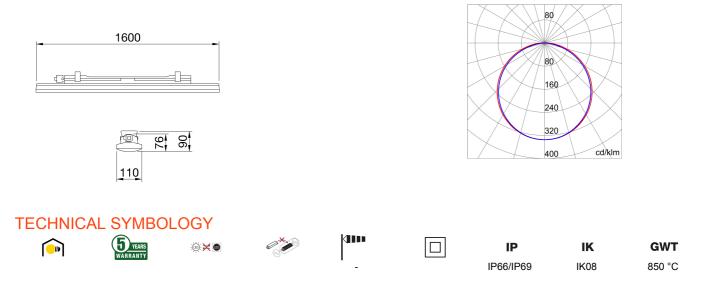


Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI ≥80 and ≥90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas Can replace high 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     Offic     Wide opal       Luminaire     LED fixture for general lighting     Unfied Glare Rating     UGR ≤ 25 (4H/8H)       Application     Internal     Lumen output (Im)     5600       Unique digital code (Datamatrix)     Datamatrix     Effecacy (ImW)     122       Colour     Grey RAL 7035     Colour temperature     4000 K       Type of light source     LBD 10(Tq25*C)=50.000h; L80B10(Tq25*C)=100.000h; L80B10     Photobiological Risk Class     RG0       Weight (kg)     3.8     Standard     EN60598-1; IEC 62778; IEC62471     RG0       Waranty     5 years     ELETCAL AND LIGHTING FEATURES     -       Operating temperature     -25 450 °C     Rated frequency (Hz)     S060Hz       Optica     Integrated in the screen     Overvoltage protection     DM 1KV / CM 2KV       Optic     Integrated in the screen     Control System     Standarion     Celling - Wallmounting - Sustemison       Stated frequency     Fixing     Cating and installation     DM 1KV / CM 2KV     Optic     Stand Alone - DAL       Coking temperature     CNC deposite seal	GENERAL INFORMATION -			OPTIC AND ILLUMINATING FEATURES	-
Application   Internal   Lumen output (lm)   5600     Unique digital code (Datamatrix)   Datamatrix   Efficacy   112     Colour   Grey RAL 7035   Colour Rendering Index   CRI>90     System power   LBD   Colour Rendering Index   CRI>90     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10   RG0   RG0     Weight (kg)   3.8   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 failure rate   F10 = 100.000h Tq25°C   -     Shield type   UV stabilised polycarbonate   Orveroltage protection   DM 1KV / CM 2KV     Optic   Integrated in the screen   Control System   Stand Alone - D_1     Cassification   -   Titit   Wonting and installation   Ceiling - Wailmounting - Suspension     Standard Berizer & CNC deposited sealant   Unityrate factore placeable   With GW connect watertight connector     Standard Deviz	Context	Lighting of warehouses, i		Optic	Wide opal
Unique digital code (Datamatrix)   Datamatrix   Efficacy   112     Colour   Grey RAL 7035   Colour temperature   4000 K     Type of light source   LED   Colour temperature   4000 K     System power   50 W   Standard Deviation Colour Matching   SDCM = 3     Weight (kg)   (Tq50°C)=94.000h   Photobiological Risk Class   RG0     Weight (kg)   5 years   ELETRICAL AND LIGHTING FEATURES   -     Yaranty   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     Shield type   UV stabilised polycarbonate   Driver failure rate   F10 = 100.000h Tq25°C     Optic   Integrated in the screen   Control System   Stand Alone - DALI     Gasket   CNC deposited sealant   Volting and installation   Ceiling - Walth fung bracket     Colour   RAL7035 colored PC pase   Witing   With fixing bracket     Colour experature   Yeas   Viting   Staindese steel support     Colassification   -   Light souce replac			D fixture for general lighting	Unified Glare Rating	UGR ≤ 25 (4H/8H)
Colour     Grey RAL 7035     Colour temperature     400 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)=100.000h; L80B10     Photobiological Risk Class     RG0       Weight (kg)     3.8     Standard     EN60598-1; IEC 62778; IEC62471       Warranty     5 years     ELET RICAL 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     Included       Sheld type     UV stabilised polycarbonate     Overvoltage protection     DM 1KV / CM 2KV       Optic     Integrated in the screet     Control System     Standaro     Celling - Wallmounting - Suspension       Colour     RAL7035 colored PC paste     Witing     Witing     Standaro     Light source replaceability     Non-replaceable <td< td=""><td colspan="2">Application Internal</td><td>Internal</td><td>Lumen output (Im)</td><td>5600</td></td<>	Application Internal		Internal	Lumen output (Im)	5600
Type of light sourceLEDColour Rendering IndexCRI>90System power50 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10(Tq25°C)=40.000hPhotobiological Risk ClassRG0Weight (kg)3.8Standard Deviation Colour MatchingEN60598-1; IEC 62778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +50 °CSupply voltage220-240 VMaTERIALSDriverIncluded50/60 HzShield typeUV stabilised polycarbonateDriver failure rateF10 = 100.000h Tq25°COpticIntegrated in the screenControl SystemStand Alone - DALILocking Hook-Mounting and installationCeiling - Wallmounting - SuspensionStandardCNC deposited sealantINSTALLATION AND MAINTENANCE-ColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorStanlards-TitWith SuspensionClassification-Light souce replaceabilityNon-replaceableDiv regreeIP66/IP69-Maximum suface exposed to the wind-Insulation classII-Maximum suface exposed to the wind-Insulation classII-Maximum suface exposed to the wind-Insulation classII-Maximum suface exposed to the wind-Insulation c	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)=94.000h (Tq50°C)=94.000hPhotobiological Risk ClassRG0Weight (kg)3.8StandardEN60598-1; IEC 62778; IEC62471 Supply voltage-Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-26 +80 °CSupply voltage220-240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzBodyPolycarbonateDriverIncludedShield typeUV stabilised polycarbonateOvervoltage protectionDM KV / CM ZKVOpticIntegrated in the screenOvervoltage protectionDM KV / CM ZKVColurRAL7035 colored PC pasteViringWith GW connect watertight connectorSTANDARDS AND APPROVALSFixingStainless steel supportOlve with reduced surface temperatureYesControl SystemStainless steel supportOlve with reduced surface temperatureYesFixingStainless steel supportOlve with reduced surface temperatureYesControl SystemStainless steel supportINS1023-3 certificationNot availableDriver BoxBuiltIPEA-Mounting and installationCeiling - Wallmounting - SuspensionINS1023-3 certificationNot availableDriver BoxBuiltIPEA-Ipice ResStainless steel supportIPEA-Maximum surface exposed to th	Colour		Grey RAL 7035	Colour temperature	4000 K
LÉD LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000hPhotobiological Risk ClassRGOWeight (kg)3.8StandardEN60598-1; IEC 62778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +50 °CSupply voltage220-240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALSDriverIncludedIncludedBodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenOvervoltage protectionDM 1KV / CM 2KVCoking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TitWith GW connect watertight connecterColourRAL7035 colored PC pasteWringWith GW connect watertight connecterStainless steel supportClassification-Light souce replaceabilityInstallationNot availableDriver Box with GW connect with GW conne	Type of light source LED		Colour Rendering Index	CRI>90	
Weight (kg)   3.8   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)   5060 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 screet   CNC deposited sealant   INSTALLATION AND MAINTENANCE   -     Colour   RAL7035 colored PC paste   Wiring   With fixing bracket   -     Colour   RAL7035 colored PC paste   Fixing   Stainless steel support     Classification   -   Light souce replaceability   Non-replaceable     Device with reduced surface temperature   Year   -   -     Insulation class   II   Priver Box   -   -     Insulation class   III   Priver Box   -   -     Device with reduced surface temperature   Yea	System power 50 W		Standard Deviation Colour Matching	SDCM = 3	
Warranty5 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 SystemStand Alone - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWitingStainless steel supportYesControlgear replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classII-Maximum surface exposed to the wind-IP degreeIP66/IP69Mechanical resistanceIK08	LED Lifetime	L90B10(Tq25°C)=50.000h; L80B10(T		Photobiological Risk Class	RG0
Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALS-DriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.000 h Tq25 °CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemStand Alone - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Walth fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDevice with reduced surface temperatureYesMaximum surface exposed to the wind-IPEA-IIIMaximum surface exposed to the wind-IpergeIP66/IP69Mechanical resistanceIK08	Weight (kg)		3.8	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 SystemStand Alone - DALILocking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect waterlight connectorSTANDARDS AND APPROVALS-Light souce replaceabilityNon-replaceableDiver with reduced surface temperatureYesControl SystemBuilt-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   Overvoltage protection   DM 1KV / CM 2KV     Optic   Integrated in the screen   Control System   Stand Alone - 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   -     Insulation class   II   -   -     IP degree   IP66/IP69   -   -     Mechanical resistance   IK08   -   -	Stocking temperature -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 SystemStand Alone - 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 diuton classIIDriver BoxBuilt-inIPEA-Maimum surface exposed to the wind-IP degreeIP66/IP69Mechanical resistanceIK08			Rated frequency (Hz)	50/60 Hz	
Shield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemStand Alone - 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-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableIPEA-Maximum surface exposed to the wind-IIIIInsulation classIIMechanical resistanceIK08	MATERIALS -			Driver	Included
OpticIntegrated in the screenControl SystemStand Alone - 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-IIIIIIIPegreeIP66/IP69Mechanical resistanceIK08	Body			Driver failure rate	F10 = 100.000h Tq25°C
GasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith GW connect waterlight connectorColourRAL7035 colored PC pasteWiringWith GW connect waterlight 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	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		Stand Alone - DALI
External screw   -   Tilt   With fixing bracket     Colour   RAL7035 colored PC pase   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 -			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		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 - -   IP degree 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 -	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 -				-	
				-	
Glow Wire Test     850 °C     -	Mechanical resistance IK08			-	
	Glow Wire Tes	Glow Wire Test 850 °C			-

## DIMENSIONAL





Data, measures, designs and pictures are for information purpose only, last update 30/04/2024. 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



STANDARDS/APPROVALS



Product Data Sheet GWS3321AP940 SMART [3] PLUS