

## Product Data Sheet GWS3221AP930

SMART [3] PLUS

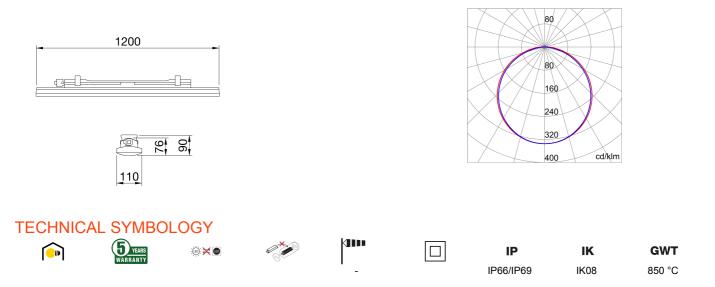


Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI ≥80 and ≥90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas Can replace high 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     Owne     Wide opal       Luminaire     LED fixture for general lighting     Unfied Glare Rating     UGR ≤ 25 (4H/8H)       Application     Internal     Lumen output (Im)     4000       Unique digital code (Datamatrix)     Datamatrix     Efficacy (ImW)     3000 K       Colour     Grey RAL 7035     Colour temperature     3000 K       Type of light source     LBD 10(Tq25*C)=50.000h; L80B10(Tq25*C)=100.000h; L80B10     Photobiological Risk Class     R60       Weight (kg)     2.4     Standard Deviation Colour Matching     SDCM=3       Veight (kg)     2.44     Standard     EN60598-1; IEC 62778; IEC62471       Warranty     5 years     ELETRICAL AND LIGHTING FEATURES     -       Operating temperature     -25 450 °C     Rated frequency (Hz)     50/60 Hz       MATERIALS     -     Driver failure rate     F10 = 100.0000 ht 28.57       Shield type     UV stabilised polycarbonate     Overvollage protection     DM 1KV / CM 2KV       Optic     Integrated in the screen     Control System     Stand Alone - DAL       Casket	GENERAL IN	FORMATION	OPTIC AND ILLUMINATING FEATURES	-
ApplicationInternalLume nutput (Im)4000Unique digital code (Datamatrix)DatamatrixEfficacy105ColourGrey RAL 7035Colour temperature3000 KType of light sourceLEDColour temperature3000 KSystem powerL80Colour Rendering IndexCRI>90System powerL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=40.000h; L80B10Photobiological Risk ClassRG0Weight (kg)2.4Standard Deviation Colour MatchingSDCMWaranty5 yearsELETICAL AND LIGHTING FEATURESRG0Voltage220-240 VStandardEno6598-1; IEC 62778; IEC 62471Matternaty5 yearsELETICAL AND LIGHTING FEATURES50/60 HzMatternaty5 yearsCarternation Colour Matching50/60 HzMatternatyCyclaspace220-240 V50/60 HzMatternatyCyclaspaceColour failure rateF10 = 100.00h TQ25°CMatternatsDriver failure rateF10 = 100.00h TQ25°C-Shield typeUV stabilised polycarbonateControl SystemStand Alone - DALIOpticIntegrated in the screenControl SystemStandarine skele support-ColourRAL7035 colored PC pasteWiringWith King bracket-ColourRAL7035 colored PC pasteWiringStaniess steel support-StandardFixingStaniess steel supportClassification-Light souce replaceabilityNon-replaceableDivire RoxNo	Context			Wide opal
Unique digital code (Datamatrix)DatamatrixEfficacy105ColourGrey RAL 7035Colour temperature3000 KType of light sourceLEDColour temperature3000 KSystem power38 WStandard Deviation Colour MatchingSDC M = 3Keight (kg)(Tq5°C)=94.000hPhotobiological Risk ClassRGOWeight (kg)2.4Standard Deviation Colour MatchingSDC R = 3Weight (kg)2.4StandardEN60598-1; IEC 62778; 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 725°COpticIntegrated in the screenOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenTritiWith fixing bracketColourRAL7035 colored PC pasteWitingStainda Alone - DALIExternal screw-TitiWith fixing bracketColourRAL7035 colored PC pasteWitingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDiver BoxNon-replaceableNon-replaceableNon-replaceableDiver BoxNot availableNon-replaceableNon-replaceablePiezerIP6A/IP69-Instruct aresistance-	Luminaire	LED fixture for general lighting	Unified Glare Rating	UGR ≤ 25 (4H/8H)
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 RICAL 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     Driver       Sheld type     UV stabilised polycarbonate     Overvoltage protection     DM 1KV / OM 2KV       Gasket     CNC deposited sealant     INSTALLATION AND MAINTENANCE     -       Locking Hook     Titl     Wring     With GW connect watertight connector       Grand     Colored PC paste     Wring     With GW connect watertight connector       Standardo     Light source replaceability     Non-replaceable <t< td=""><td colspan="2">Application Intern</td><td>Lumen output (Im)</td><td>4000</td></t<>	Application Intern		Lumen output (Im)	4000
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 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-Locking Hook-TitWith GW connect watertight connectorStandard-TitWith GW connect watertight connectorColourRAL7035 colored PC pasteWiringStainless steel supportClassification-Light souce replaceabilityNon-replaceabilityDiv RegreeIP66/IP69Insulation classIIII-Insulation classIIInsulation classIIInsulation classIIIn geree <td colspan="2">Unique digital code (Datamatrix) Datamatrix</td> <td></td> <td>105</td>	Unique digital code (Datamatrix) Datamatrix			105
System power38 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10Photobiological Risk ClassRG0Weight (kg)2.4StandardEN60598-1; IEC 62778; IEC62471Warranty5 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 TKV / CM ZKVOpticIntegrated in the screenOvervoltage protectionDM NKV / CM ZKVColurRAL7035 colored PC pasteWingWith GW connect watertight connectorStandarD APPROVALS-TitWounting and installationCeiling - Wallmounting - SuspensionClassification-Half 302-3 certificationNot availableDriver failure rateStainless steal supportINSTALLARDS AND APPROVALS-FixingStainless steal supportStainless steal supportINS32-3 certificationNot availableDriver BoxBuiltNon-replaceableIPEAMaximum surface exposed to the wind-IPEAMounting and installationCeiling - Wallmounting - SuspensionINS32-3 certificationNot availableDriver BoxBuiltStainless steal supportIPEAControl gear replaceabilityNon-replaceable	Colour	Grey RAL 7035	Colour temperature	3000 K
LÉD LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000hPhotobiological Risk ClassRG0Weight (kg)2.4StandardEN60598-1; 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-TiltWith GW connect watertight connecterColourRAL7035 colored PC patsetWringWith GW connect watertight connecterDevice with reduced surface temperatureYesControl SystemStainless steel supportClassification-Light souce replaceabilityNon-replaceableDiv reduced surface temperatureYesDriver RoxBuilt-inIPEA-Maximum surface exposed to the wind-IPEA-Maximum surface exposed to the wind-IPedereeIP60/IP69Mechanical resistanceIK08	Type of light source 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 = 100.000h 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   Yes   Controlgaer replaceability   Non-replaceable     Divier Box   II   Maunting surface exposed to the wind   -     Insulation class   II   Maximum surface exposed to the wind   -     Ipdegree	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 +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 Alon - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWitingStainless stel support-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classIIIPedgreeIP66/IP69Mechanical resistanceIK08	LED Lifetime			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 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 temperatureYesControl gear replaceabilityNon-replaceableIPEA-IlMaximum surface exposed to the wind-Insulation 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 = 100.000h 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     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   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 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 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 davidue during and installation classNot availableDriver BoxBuilt-inIPEA-Maximum 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			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 -				-
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Glow Wire Test     850 °C     -				-
	Glow Wire Test 850 °C			-

## DIMENSIONAL

## PHOTOMETRIC DISTRIBUTION



Data, measures, designs and pictures are for information purpose only, last update 16/05/2024. 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



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