

## Product Data Sheet GWS3121AP840

SMART [3] PLUS

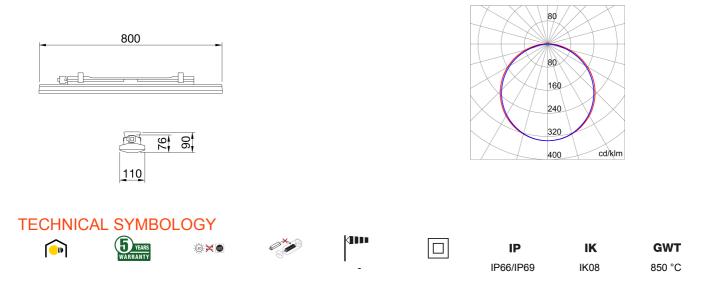


Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI ≥80 and ≥90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas Can replace high 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)     3700       Unique digital code (Datamatrix)     Datamatrix     Efficacy (ImW)     122       Colour     Grey RAL 7035     Colour temperature     4000 K       Type of light source     LED     Colour Temperature     4000 K       LED Lifetime     LobB10(Tq25*C)=50.000h; L80B10(Tq25*C)=100.000h; L80B10     Photobiological Risk Class     R60       Weight (kg)     1.7     Standard     EN60598-1; IEC 62778; IEC62471       Waranty     5 years     ELETRCLA AND LIGHTING FEATURES     -       Operating temperature     -25 450 °C     Rated frequency (Hz)     50/60 Hz       MATERALS     -     Driver failure rate     F10 = 100.0000 ht 285°C       Optic     Integrated in the screen     Control System     Stand Alone - DAL       Gasket     CNC depoisted seatant     INSTALLATION AND MAINTENANCE     -       Locking Hook     CNC depoisted seatant	GENERAL INFORMATION -			OPTIC AND ILLUMINATING FEATURES	-
ApplicationInternalLumen output (Im)3700Unique digital code (Datamatrix)DatamatrixEfficacy142ColourGrey RAL 7035Colour temperature4000 KType of light sourceLEDColour temperature4000 KSystem powerLEDColour temperatureColour Rendering IndexCRI>80System powerLED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=94.000hStandard Deviation Colour MatchingSDCM = 3Weight (kg)1.7Standard Deviation Colour MatchingSDCM = 3Waranty5 yearsELETICAL AND LIGHTING FEATURESRG0Vocking temperature-25 +80 °CStandardEN60598-1; IEC 62778; IEC 62471Matterials0 priverStandardEN60598-1; IEC 62471Matterials-C Supply voltage220-240 VOperating temperature-25 +80 °CRated frequency (Hz)50/60 HzMatterials-Driver failure rateF10 = 100.00h Tq25°CShield typeUV stabilised polycarbonateOveroltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemStand Alone - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-ColourRAL7035 colored PC pasteWiringStaniess steel supportStandard-TiltWiring Staniess steel supportStaniess steel supportColourRAL7035 colored PC pasteViringNon-replaceableDivice with reduced surface temperatureYesContro	Context			Optic	Wide opal
Unique digital code (Datamatrix)   Datamatrix   Efficacy   142     Colour   Grey RAL 7035   Colour temperature   4000 K     Type of light source   LED   Colour temperature   4000 K     System power   26 W   Standard Deviation Colour Matching   SDCM = 3     Weight (kg)   (Tq50°C)=94.000h   Photobiological Risk Class   RGO     Weight (kg)   1.7   Standard Deviation Colour Matching   SDCM = 3     Voight (kg)   1.7   Standard   EN60598-1; IEC 62778; IEC62471     Waranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Stocking temperature   -25 +80 °C   Supply voitage   20-240 V     Operating temperature   -25 +80 °C   Supply voitage   20-240 V     Operating temperature   -25 +80 °C   Rated frequency (Hz)   50/60 Hz     Shield type   UV stabilised polycarbonate   Driver failure rate   F10 = 100.000 ht 285°C     Optic   Integrated in the screen   Control System   Stand Alone - DALI     Colour RAL7035 colored PC paste   Witing   With fixing bracket     Colour RAL7035 colored PC paste   Witing   Stainless steel support	Luminaire	LED fixture for general lighti	ing	Unified Glare Rating	UGR ≤ 25 (4H/8H)
Colour     Grey RAL 7035     Colour temperature     400 K       Type of light source     LED     Colour Rendering Index     CRI>80       System power     26 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)     1.7     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     Overvoltage protection     DM IKV / OM 2KV       Sheld type     UV stabilised polycarbonate     Overvoltage protection     DM IKV / OM 2KV     Alone - DAL       Gasket     CNC deposited sealant     INSTALLATION AND MAINTENANCE     -       Locking Hook     Mounting and installation     Celling - Wallmounting - Suspension     Stand Alone - DAL       Colour     RAL7	Application Internal		nal	Lumen output (Im)	3700
Type of light sourceLEDColour Rendering IndexCRI>80System power26 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10(Tq25°C)=94.000hPhotobiological 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 °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 connectorStandard-Light souce replaceabilityNon-replaceabilityDiv rey Box-Itight souce replaceabilityNon-replaceabilityStandardNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classIIIIPf6//P69-IP degreeIP66//P69	Unique digital code (Datamatrix) Datamatrix		trix		142
System power26 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000h (Tq50°C)=94.000hPhotobiological Risk ClassRG0Weight (kg)1.7StandardEN60598-1; 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-TikWith GW connect watertight connectorClassificationNot availableFixingStainless steals upportINS1ALLATION AND APPROVALS-Light souce replaceabilityNon-replaceableDiver geneIP66/IP66-Maximum surface exposed to the wind-Insulation classIIIP degreeIP66/IP66Martin and classinceIK08	Colour	Grey RAL 70	35	Colour temperature	4000 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 +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 connecterStainless steel supportClassification-Light souce replaceabilityInstallationNot availableDriver Box Built-InstallationNot availableDriver Box Built-Ipefa-Maximum surface exposed to the wind-IpedageIP66/IP69Material resistanceIK08-	Type of light source LED		ED	Colour Rendering Index	CRI>80
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     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   -     Ip degree	System power 26 W		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 pasteWiringWiting with fixing bracketColourRAL7035 colored PC pasteUigh souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classIIIPedegreeIP66/IP69Mechanical resistanceIK08	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 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)	1	1.7	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		ars	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		°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			°C	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 polycarbona	ate	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		en		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		ant	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		ste	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		'es	Controlgear replaceability	Non-replaceable
Insulation class II -   IP degree IP66/IP69 -   Mechanical resistance IK08 -	DIN 18032-3 certification Not available		ole	Driver Box	Built-in
IP degree IP66/IP69 -   Mechanical resistance IK08 -	IPEA -		-	Maximum surface exposed to the wind	-
Mechanical resistance IK08 -					-
	<b>-</b>		69		-
Glow Wire Test     850 °C     -			80		-
	Glow Wire Test 850 °C		°C		-

## DIMENSIONAL

## PHOTOMETRIC DISTRIBUTION



Data, measures, designs and pictures are for information purpose only, last update 12/05/2024. 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



Product Data Sheet GWS3121AP840 SMART [3] PLUS