## Product Data Sheet GWS3323AP840

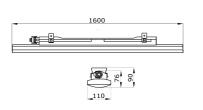
SMART [3] PLUS



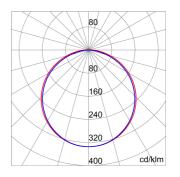
Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI ≥80 and ≥90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas Can replace high 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     Wide opal       Luminaire     LED fixture for general lighting     Unfied Glare Rating     UGR ≤ 25 (4H/8H)       Application     Internal     Lumen output (Im)     7100       Unique digital code (Datamatrix)     Datamatrix     Efficacy (ImW)     142       Colour     Grey RAL 7035     Colour temperature     4000 K       Type of light source     LBD     Colour Temperature     4000 K       LBD Lifetime     LoB010(Tq25*C)=50.000h; L80B10(Tq25*C)=100.000h; L80B10     Photobiological Risk Class     R60       Weight (kg)     3.8     Standard     EN60598-1; IEC 62778; IEC62471       Warranty     5 years     ELETRCLA AND LIGHTING FEATURES     -       Operating temperature     -25 560 °C     Supply voltage     220-240 V       Operating temperature     -25 560 °C     Supply voltage     220-240 V       Optic     Integrated in the screen     Driver failure rate     F10 = 100.0000 nt 225°C       Shield type     UV stabilised polycarbonate     Driver failure rate     F10 = 100.0000 nt 225°C       Shield type     CN	GENERAL INF	FORMATION -	OPTIC AND ILLUMINATING FEATURES	-
ApplicationInternalLumen output (Im)7100Unique digital code (Datamatrix)DatamatrixEfficacy142ColourGrey RAL 7035Colour temperature4000 KType of light sourceLEDColour temperature4000 KSystem powerLEDColour temperatureColour Rendering IndexCRI>80System powerLBDColour Rendering IndexRG0LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=94.000hStandard Deviation Colour MatchingSDCM = 3Waranty5 yearsELETICAL AND LIGHTING FEATURESRG0Waranty5 yearsELETICAL AND LIGHTING FEATURES220-240 VOperating temperature-25 +60 °CRated frequency (Hz)50/60 HzMATERIALSDriver failure rateF10 = 100.00h Tq25°C50/60 HzShield typeUV stabilised polycarbonateOrveroltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - DALIINSTALLATION AND MAINTENANCE-ColourRAL7035 colored PC pasteWiringWith King bracket!Stainless steel support-ColourRAL7035 colored PC pasteViringStainless steel supportStainless steel support-InsulationCelling - Wallmounting - Stainless steel supportInstallationCelling - Wallmounting - Stainless steel support-OpticIntegrated in Not availableDriver BoxStainless steel support-ColourRAL7035 colored PC pasteViringStainles	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   50 W   Standard Deviation Colour Matching   SDCM #3     Weight (kg)   (Tq50°C)=40.000h   Photobiological Risk Class   RG0     Weight (kg)   5 years   ELETRICAL AND LIGHTING FEATURES   -     Yaranty   5 years   Standard frequency (Hz)   50/60 Hz     Operating 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   Through Wing - DALI     Gasket   Color RAL7035 colored PC paste   Wing   With fixing bracket     Colour   RAL7035 colored PC paste   Witing   With fixing bracket     Colour   RAL7035 colored PC paste   Witing   Stainleation   Ceiling - Wallmounting - Suspension     Titit   Witing	Luminaire	LED fixture for general lighting	Unified Glare Rating	UGR ≤ 25 (4H/8H)
Colour   Grey RAL 7035   Colour Rendering Index   400 H     Type of light source   LED   Colour Rendering Index   CRI>80     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 +50 °C   Rated frequency (Hz)   50/60 Hz   -     Body   Polycarbonate   Driver   Included   -   1ncluded     Shield type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV   -     Optic   Intergrated in the screw   -   Tilt   Wing With GW connect watertight connector     Stocking Hook   -   Mounting and installation   Celling - Wallmounting - Suspension   -     Colour   RAL7035 colored PC paste   Wiring   With GW connect watertight connector   -     Standard Screw	Application Internal		Lumen output (Im)	7100
Type of light sourceLEDColour Rendering IndexCRI>80System power50 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=94.0000h; (Tq50°C)=94.000hRefoRefoWeight (kg)3.8Standard Deviation Colour MatchingSDCM = 3Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +50 °CRade frequency (Hz)50/60 HzMATERIALSDriverIncludedDriverIncludedSoking topUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough withing - DALILocking HookTitWith GW connect watertight connectorFixingStandardControl SystemWith GW connect watertight connectorFixingStandardControl SystemWith GW connect watertight connectorFixingStanlardsTitWith Sixing Stainless steel supportClassificationEight source replaceabilityNon-replaceableDiver BoxDriver BoxBuilt source exposed to the wind-IPEAOto availableDiver BoxBuilt source exposed to the wind-IpegreeIP6/IP69Maximum surface exposed to the windIpegreeIP6/IP69Maximum surface exposed to the windIpegree <td colspan="2">Unique digital code (Datamatrix) Datamatrix</td> <td></td> <td>142</td>	Unique digital code (Datamatrix) Datamatrix			142
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 1KV / CM 2KVOpticIntegrated in the screenOvervoltage protectionDM 1KV / CM 2KVColurRAL7035 colored PC pasteViringWith GW connect watertight connectorSTANDARDS AND APPROVALSFixingStainless steel supportStainless steel supportClassificationNot availableDriver RixingStainless steel supportINS14LLOR AND APPROVALSFixingStainless steel supportINS14Lifoni ColurNot availableDriver RixingStainless steel supportINS23-2 certificationNot availableDriver BoxBuiltIPEA-IperatorStainless steel supportIPEA-IperatorStainless steel supportIPEA-IperatorIperatorIPEA-IperatorStainless steel supportIPEAIperator	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 ClassRG0Weight (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-TiltWrith GW connect wateretColourRAL7035 colored PC pasteWringWith GW connect wateretDevice with reduced surface temperatureYesControl SystemStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableIPEA-Maximum surface exposed to the wind-IPEA-Maximum surface exposed to the wind-IPEA-Maximum surface exposed to the wind-IPedereeIP66/IP69Mechanical resistanceIK08-	Type of light source LED		Colour Rendering Index	CRI>80
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 failure rate   F10 = 100.000h Tq25° C     Shield type   UV stabilised 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   Concol 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 waterlight connector     Standace   -   Fixing   Stainleees steel support     Classification   -   Light souce replaceability   Non-replaceable     Divide with reduced surface temperature   Yes   Cortrolgear replaceability   Non-replaceable     Divide grade </td <td colspan="2">System power 50 W</td> <td>Standard Deviation Colour Matching</td> <td>SDCM = 3</td>	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-Driver10/000 Hz25°CBodyPolycarbonateDriver failure rateF10 = 100.000 H 725°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect waterlight connectorSTANDARDS AND APPROVALS-FixingStailess steel supportDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDiver BoxIIIIIP26preIP66/IP69Maximum surface exposed to the windIP24IK08	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 = 100.000 h 725°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 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-replaceableIPEAMaximum surface exposed to the wind-Insulation classIIIIIP degreeIP66/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 SystemThrough wrinrg - 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   DHV     Optic   Integrated in the screen   Control 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     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 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-replaceableDivier with reduced surface temperatureYesControlgear replaceabilityNon-replaceableINSTALIIIIIPEA-Maximum surface exposed to the wind-IPeqereIP66/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 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-IIIIMaximum surface exposed to the windIP degreeIP66/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-IIIIIIMaximus surface exposed to the windMechanical 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   -   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   -     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 classIIIP degreeIP66/IP69Mechanical 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   -   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 -			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>J</b>			-
Glow Wire Test 850 °C -				-
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## 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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