Product Data Sheet GWS3223AP857

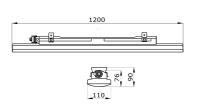
SMART [3] PLUS



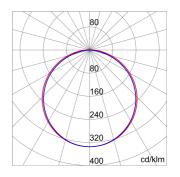
Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI ≥80 and ≥90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas Can replace high 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 or parking and industrial producting production rooms or parking and industria	GENERAL INF	ORMATION -	OPTIC AND ILLUMINATING FEATURES	-
ApplicationInternalInternalInternalInternalInternalInternalStatuUnique digital code (Datamatrix)DatamatrixEfficacy142ColourGrey RAL 7035Colour temperature5700 KType of light sourceLEDColour temperature5700 KSystem powerS8WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=40.000h; L80B10Photbiological Risk ClassRG0Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VStocking temperature-25 +80 °CSupply voltage220-240 VBodyPolycarbonateDriverIntegrated in the scree-BodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°C-Sheld typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screeColourRAL7035 colored PC pasteWing din installationCeiling - Walth Gwonnet stateling - Stateles steel supportStatificationRAL7035 colored PC pasteFixingStatinless steel supportOpticIntegrateYengStatinless steel supportClassificationRAL7035 colored PC pasteWiting walth connectorsSTANDARDS AND APPROVALSFixingStainless steel supportOlive with reduced surface temperatureYengYengOlive with reduced surface temperatureYeng	Context		Optic	Wide opal
Unique digital code (Datamatrix) Datamatrix Efficacy 142 Colour Grey RAL 7035 Colour temperature 5700 K System power 38 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime 190B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000h Photobiological Risk Class RG0 Weight (kg) 2.4 Standard EN60598-1; IEC 62778; IEC62471 Warranty 5 years Supply voltage 220-240 V Stocking temperature -25 +80 °C Supply voltage 220-240 V Operating temperature -25 +50 °C Rated frequency (Hz) 50/66 Hz - Matterials Driver failure rate F10 = 100.000h Tq25°C - Optic Integrated in the screen Oriver failure rate F10 = 100.000h Tq25°C Optic Integrated in the screen Control System Through wiring - DALI Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE - Colour RAL7035 colored PC paste Wiring Wiring Stainless steel support Classification RAL7035 colored PC paste Fixing Stainless steel support <t< td=""><td>Luminaire</td><td>LED fixture for general lighting</td><td>Unified Glare Rating</td><td>UGR ≤ 25 (4H/8H)</td></t<>	Luminaire	LED fixture for general lighting	Unified Glare Rating	UGR ≤ 25 (4H/8H)
Colour Grey RAL 7035 Colour temperature 5700 K Type of light source LED Colour Rendering Index CRI>80 System power 38 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=40.00h Photobiological Risk Class RG0 Weight (kg) 2.4 Standard EN60598-1; IEC 62778; IEC62471 Waranty 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 screen - Mounting and installation Ceiling - Wallmounting - Suspension External screw - Tilt Worneet weitright connector - StanDARDS AND APPROVALS - Fixing Stainless steel support	Application	Internal	Lumen output (Im)	5400
Type of light source LED Colour Rendering Index CRI>80 System power 38 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=40.000h; (L80B10) Photobiological Risk Class RG0 Weight (kg) 2.4 Standard Deviation Colour Matching SDCM = 3 Warranty 5.9 years ELETRICAL AND LIGHTING FEATURES RG0 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 r25°C Included Body Polycarbonate Driver failure rate F10 = 100.000h r25°C Optic Integrated in the screen Control System Through wiring - DAL Locking Hook - Tit With fixing bracket Colour RAL7035 colored PC paste Wiring Wiring Stainless steel support Classification - Light source replaceability Non-replaceable Driver Rox Built-in Device with reduced surface temperature Yes Control segate replaceability	Unique digital code (Datamatrix) Datamatrix			142
System power38 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)2.4StandardEN60598-1; IEC 62778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +50 °CReted frequency (Hz)5060 HzMATERIALS-Driver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateDriver failure rateF10 = 100.000h Tq25°COpticIntegrated in the screenControl SystemThrough wiring - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-ColourRAL7035 colored PC pasteWiringWitingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYeesControl gear replaceabilityNon-replaceableDiver BoxIIIOriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-IPedereIP66/IP69	Colour Grey RAL 7035		Colour temperature	5700 K
Leb Lifetime L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 Photobiological Risk Class RG0 Weight (kg) 2.4.4 Standard EN60598-1; IEC 62778; IEC62471 Warranty 5 years ELETRICAL AND LIGHTING FEATURES 220-240 V Operating temperature -25 +80 °C Supply voltage 220-240 V Operating temperature -25 +80 °C Rate frequency (Hz) 50/60 Hz MATERIALS Driver Included Shield type UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV Optic Integrated in the screen Control System Through wiring - DAL Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE Vith fixing bracket Colour RAL7035 colored PC paste Wiring With GW connect watertight connector Stainless steel support Fixing Stainless steel support Classification Not available Driver Box Built-in IPEA Not available Driver Box Built-in IPEA IP66/IP69 IP66/IP69 IP IP	Type of light source LED		Colour Rendering Index	CRI>80
(Tq50°C)=94.000h 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 IKV / CM 2KV Optic Integrated in the screen Control System Through wiring - DALI Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE - Locking Hook - Tit With GW connect watertight connector Standard 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 <	System power 38 W		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 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 Through wiring - DALI Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE - 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 StanDARDS AND APPROVALS - Fixing Stainless steel support Classification - Kontrolgear replaceability Non-replaceable Device with reduced surface temperature Yes Controlgear replaceability Non-replaceable DIN 18032-3 certification<	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 = 100.000h 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-TitWith GW connectorColourRAL7035 colored PC pasteWiringStainless steel supportStanDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDivice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxeBuilt-inIPEA-Maximum surface exposed to the windInsulation classIIIIIP degreeIP66/IP69IP degreeIP66/IP69	Weight (kg)	2.4	Standard	EN60598-1; IEC 62778; IEC62471
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 IKV / CM 2KV Optic Integrated in the screen Control System Through wiring - 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 wattright connector StainDarDS AND APPROVALS - Fixing Stainless steel support Classification - Light souce replaceability Non-replaceable Divier Box Oriver Box Built-in - IPEA - Maximum surface exposed to the wind - IP degree IP66/IP69 - - -	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 Through wiring - 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 Control gear replaceability Non-replaceable DIN 18032-3 certification - Maximum surface exposed to the wind - Insulation class II Predoc - - IP degree IP66/IP69 - - -			Supply voltage	220-240 V
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 Through wiring - 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 - Fixing Stainless steel support Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature Yes Control gear replaceability Non-replaceable DIN 18032-3 certification Not available Driver Box Built-in - Insulation class II Haximum surface exposed to the wind - - IP degree IP66/IP69 - - - -	Operating temperature -25 +50 °C		Rated frequency (Hz)	50/60 Hz
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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 - Insulation class II - - IP degree IP66/IP69 - -	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/IP69	Optic	Integrated in the screen	Control System	Through wiring - DALI
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 - Insulation class II - - IP degree IP66/IP69 - -	Gasket CNC deposited sealant		INSTALLATION AND MAINTENANCE	-
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 - Insulation class II - -	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 - -	External screw -		Tilt	With fixing bracket
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 - -	Colour RAL7035 colored PC paste		Wiring	
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 - -	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 -			Light souce replaceability	Non-replaceable
IPEA - Maximum surface exposed to the wind - Insulation class II - IP degree IP66/IP69 -			Controlgear replaceability	Non-replaceable
Insulation class II - IP degree IP66/IP69 -	DIN 18032-3 c	ertification Not available	Driver Box	Built-in
IP degree IP66/IP69 -	IPEA	-	Maximum surface exposed to the wind	-
	Insulation class			-
				-
Mechanical resistance IK08 -	Mechanical resistance IK08			-
Glow Wire Test 850 °C -	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

Product Data Sheet GWS3223AP857

SMART [3] PLUS

STANDARDS/APPROVALS

