

Product Data Sheet GWS3222AP857

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 \ge 80 and \ge 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.

Device production rooms Unified Gare Rating UGR ≤ 25 (4H/8H) Luminaire LED fixture for general lighting Unified Gare Rating UGR ≤ 25 (4H/8H) Application Internal Lumen output (Im) 5400 Unique digital code (Datamatrix) Datamatrix Efficacy 150 Colour Grey RAL 7035 Colour Rendering Index CRP-80 System power 36 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 Photobiological Risk Class RG0 (Tq50°C)=40.000h (Tq50°C)=40.000h Standard EN60598-1; IEC 62778; IEC62471 Weight (kg) 2.4 Standard EN60598-1; IEC 62778; IEC62471 Warranty 5 years Standard EN60598-1; IEC 62778; IEC62471 Warranty 5 years Standard EN60598-1; IEC 62778; IEC62471 MATERIALS - Standard Deviator Stooking temperature -22 +58 °C Optic Integrated in the screen Control System Through wiring - On/Off Optic Integrated in the scr	GENERAL IN	FORMATION -	OPTIC AND ILLUMINATING FEATURES	-
ApplicationInternalLumen output (Im)5400Unique digital code (Datamatrix)DatamatrixEfficacy150ColourGrey RAL 7035Colour temperature5700 KType of light sourceLEDColour Rendering IndexCRI>80System powerLBDColour Rendering IndexCRI>80LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=40.000h; L80B10Photobiological Risk ClassRG0Weight (kg)2.4Standard Deviation Colour MatchingSDCMWaranty5 yearsELETICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CStandard derquency (Hz)50/60 HzOperating temperature-25 +50 °CRde frequency (Hz)50/60 HzMATERIALSDriver failure rateF10 = 100.00h Tq25°C50/60 HzOpticIntegrated in the screenControl SystemThrough wiring - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-ColourRAL7035 colored PC pasteWiringWiringStainless steel supportTILWiringStainless steel supportStainless steel support-Classification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDivier BoX-KingColourRAL7035 colored PC pasteWiringNon-replaceableDivier BoX-Control gear replaceabilityNon-replaceableDiv	Context		Optic	Wide opal
Unique digital code (Datamatrix) Datamatrix Efficacy 150 Unique digital code (Datamatrix) Grey RAL 7035 Colour temperature) 5700 K Colour Grey RAL 7035 Colour temperature 5700 K System power 36 W Standard Deviation Colour Matching SDCR 8-3 LED Lifetime L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 Photobiological Risk Class RG0 Weight (kg) (Tq50°C)=94.000h Standard Deviation Colour Matching SDCR 8-3 Weight (kg) 2.4 Standard Deviation Colour Matching SDCR 8-3 Voorgening temperature -25 +80 °C Supply voltage 20-240 V Operating temperature -25 +80 °C Rated frequency (Hz) 50/60 Hz Shield type UV stabilised polycarbonate Driver failure rate F10 = 100.000h fq26°C Optic Integrated in the screen Control System Through witring - On/Off Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE — Colour RAL7035 colored PC paste Wiring With fixing bracket Control System Colour RAL7035 colored PC paste Wiring With fix	Luminaire	LED fixture for general lighting	Unified Glare Rating	UGR ≤ 25 (4H/8H)
Colour Grey RAL 7035 (Im/W) Colour Grey RAL 7035 Colour Rendering Index CRI-800 System power 36 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 Standard ELETRICAL AND LIGHTING FEATURES 20-240 V Yarranty 5 years Supply voltage 220-240 V Operating temperature -25 +50 °C Reted frequency (Hz) 50/60 Hz MatTERIALS Driver Included Driver Body Polycarbonate Overvoltage protection DM 1KV / CM 2KV Shield type UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV Gasket CNC deposited sealant Installation Celling - Wallmounting - Suspension Colour RAL7035 colored PC paste Wiring With GW connect watertight connector STANDARDS AND APPROVALS Fixing Stainless steel support Stainless steel support Div Resc If is souce			Lumen output (Im)	5400
Type of light source LED Colour Rendering Index CRI>80 System power 36 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10(Tq25°C)=40.000h Photobiological Risk Class RG0 Weight (kg) 2.4 Standard Deviation Colour Matching EN60598-1; IEC 62778; IEC62471 Warranty 5 years ELETRICAL AND LIGHTING FEATURES - Stocking temperature -25 +50 °C Supply voltage 220-240 V Operating temperature -25 +50 °C Supply voltage 220-240 V MatTERIALS Driver Rate frequency (Hz) 50/60 Hz Shield type UV stabilised olycarbonate Driver failure rate F10 = 100.000h Tq25°C Optic Integrated in the screen Colour System Through wiring - On/Off 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 Not available Driver Box Built-in IPEA </td <td colspan="2">Unique digital code (Datamatrix) Datamatrix</td> <td></td> <td>150</td>	Unique digital code (Datamatrix) Datamatrix			150
System power 36 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10(Tq25°C)=40.000h; (Tq50°C)=40.000h; (Tq50°C)=	Colour	Grey RAL 7035	Colour temperature	5700 K
LÉD Lifetime L90B10(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 ELETRICAL 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 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 Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension External screw - Tit With GW connect watertight connected Cloour RAL7035 colored PC paste Wring With GW connect watertight connected Stainless steel support Light souce replaceability Non-replaceable Device with reduced surface temperature Yes Controlgear replaceability <t< td=""><td colspan="2">Type of light source LED</td><td>Colour Rendering Index</td><td>CRI>80</td></t<>	Type of light source LED		Colour Rendering Index	CRI>80
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 Concol System Through wiring - On/Off Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension External screw - Tilt With fixing bracket Colour RAL7035 colored PC paste Wiring Wiring Stainless steel support Classification - Light souce replaceability Non-replaceable Driver failure rate exposed to the wind - IPEA - Mounting and installation Ceiling - Wallmounting - Suspension External screw - Tilt With fixing bracket Driver floaceability	System power 36 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 Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDiviser BoxIIIIInsulation classIIKaximum surface exposed to the wind-IP degreeIP66/IP69Maximum surface exposed to the windIP degreeIP66/IP69-<	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 - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmouning - SuspensionExternal screw-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDiv Reduct surface temperatureYesMaximum surface exposed to the wind-IPEA-III-Gaximum surface exposed to the wind-IP degreeIP66/IP69Mechanical resistanceIK08	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 = 100.000 h Tq25°C Shield type UV stabilised polycarbonate Overvoltage protection DM KV / CM 2KV Optic Integrated in the screen Control System Through wirg - On/Off 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 DIN 18032-3 certification Not available Driver Box Built-in IPE A - Maximum surface exposed to the wind - IP degree IP66/IP69 - - Mechanical resistance IK08 - -	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 - On/Off 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 SystemThrough wiring - On/OffGasketCNC 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 BoxOrtrol System-Built-inIPEA-Maximum surface exposed to the wind-Insulation classIIMaximum surface exposed to the windIP degreeIP66/IP69Mechanical resistanceIK08	Operating temperature -25 +50 °C		Rated frequency (Hz)	50/60 Hz
Shield type UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV Optic Integrated in the screen Control System Through wiring - On/Off 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 - IPEA - Maximum surface exposed to the wind - IPedgree IP66/IP69 - - Mechanical resistance IK08 - -	MATERIALS -		Driver	Included
OpticIntegrated in the screenControl SystemThrough wiring - On/OffGasketCNC 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-IIIIMechanical 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 waterlight 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 - - 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 classIIIPedereeIP66/IP69Mechanical resistanceIK08	Optic	Integrated in the screen	Control System	Through wiring - On/Off
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	-
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 - - Mechanical resistance IK08 - -	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 -		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			Built-in
IP degree IP66/IP69 - Mechanical resistance IK08 -			Maximum surface exposed to the wind	-
Mechanical resistance IK08 -				-
	-			-
Glow Wire Test 850 °C -				-
	Glow Wire Tes	st 850 °C		-

DIMENSIONAL

80 1200 80 Ē 160 240 320) D 2 6 cd/klm 400 110 **TECHNICAL SYMBOLOGY** GWT iiii 💥 💼 IP IK

Data, measures, designs and pictures are for information purpose only, last update 19/04/2024. 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

PHOTOMETRIC DISTRIBUTION

IP66/IP69

IK08

850 °C



STANDARDS/APPROVALS



Product Data Sheet GWS3222AP857 SMART [3] PLUS