

Product Data Sheet GWS3322BT857

PHOTOMETRIC DISTRIBUTION

IP66/IP69

IK08

850 °C

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 Microprismatic transparent umanice Luminaire LED fixture for general lighting Unified Glare Rating UGR ≤ 25 (4H/3H) Application Internal Lume output (Im) 9400 Unique digital code (Datamatrix) Datamatrix Efficacy 154 Colour Grey RAL 7035 Colour temperature 5700 K Type of light source LED Colour mendering Index CRI>80 System power 61 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=94.000h Photobiological Risk Class RG0 Warranty 5 years ELETRICAL AND LIGHTING FEATURES - Stocking temperature -25 +80 °C Rated frequency (Hz) 50/60 Hz MATERIALS - Driver failure rate F10 = 100.000h Tq25°C Shield type UV stabilised polycarbonate Overvotage protection DM 1KV / CM2 KV Optic Integrated in the screen Control System Through wiring - On/Off Gasket	GENERAL INF	ORMATION -	OPTIC AND ILLUMINATING FEATURES -	
Application Internal Lumen output (Im) 9400 Unique digital code (Datamatrix) Datamatrix Efficacy 154 Colour Grey RAL 7035 Colour temperature 5700 K Type of light source LED Colour temperature CRI>80 System power LED Colour temperature CRI>80 LED Lifetime L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 Photobiological Risk Class RG0 Weight (kg) 3.8 Standard Deviation Colour Matching S20-247.1 Waranty 5 years ELETRICAL AND LIGHTING FEATURES - Voperating temperature -25 +50 °C Standard frequency (Hz) 50/60 Hz Shield type UV stabilised polycarbonate Driver failure rate F10 = 100.000h Tq25' CM 245/20 Shield type UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV Optic Integrated in the screen Control System - - Looking Hook - Tit Worth fixing bracket - Colour RAL7035 colored PC paste Wiring With fixing bracket Stainless steel support <td< td=""><td>Context</td><td></td><td>Optic</td><td>Microprismatic transparent</td></td<>	Context		Optic	Microprismatic transparent
Unique digital code (Datamatrix) Datamatrix Efficacy (m/W) 154 Colour Grey RAL 7035 Colour temperature 5700 K Type of light source LED Colour Rendering Index CRI>80 System power 61 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 ELETRICAL AND LIGHTING FEATURES - Stocking temperature -25 +80 °C Supply voltage 220-240 V Operating temperature -25 +80 °C Supply voltage 220-240 V MATERIAS - Driver Included Body Polycarbonate Driver Stocking Hould Type of UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE - - Locking Hook - Mounting and installation Celling - Wallmounting - Suspension - Closur RAL7035 colored PC paste Wiring With GW con	Luminaire	LED fixture for general lighting	Unified Glare Rating	UGR ≤ 25 (4H/3H)
Colour Grey RAL 7035 Colour memperature 5700 K Type of light source LED Colour Rendering Index CRI>80 System power 61 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.00h; L80B10 Photobiological Risk Class RG0 Weight (kg) (Tq50°C)=94.000h Photobiological Risk Class RG0 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) 50/60 Hz MATERIALS Driver Included Body S0/61 Hz Shield type UV stabilised polycarbonate Driver failure rate F10 = 100.000 Hq25°C - Colour RAL7035 colored PC paste Mounting and installation Ceiling - Wallmounting - Suspension - External screw - Tit With GW connect watertight connector - Colour RAL7035 colored PC paste Wiring Stainless steel support - Colour RAL7035 colored PC paste Wiring uscre	Application		Lumen output (Im)	9400
Type of light sourceLEDColour Rendering IndexCRI>80System power61 WStandard Deviation Colour MatchingSDCM = 3LED 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 +80 °CSupply voltage220-240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzBodyPolycarbonateDriverInoln Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM IKV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - On/OffGasketCNC deposited sealarINSTALLATION AND MAINTENANCE-ColourRAL7035 colored PC pasteWiringWiringStainless steel supportStanDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDivice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDivice string and installationStainless steel supportFixingStainless steel supportStanDarDS AND APPROVALS-FixingStainless steel supportPevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDivice string and installation-Light souce replace	Unique digital code (Datamatrix) Datamatrix			154
System power 61 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 Deviation Colour Matching SDCM = 3 Warranty 5 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 Shield type Polycarbonate Driver Included Body Polycarbonate Overvoltage protection DM IKV / CM 2KV Optic Integrated in the screen Control System Through wiring - On/Off Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE - Locking Hook - Tilt With fixing bracket Colour RAL7035 colored PC paste Wiring Stainless steel support STANDARDS AND APPROVALS - Fixing Stainless steel support Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature Yes	Colour	Grey RAL 7035	Colour temperature	5700 K
LED Lifetime L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000h Photobiological Risk Class RG0 Weight (kg) 3.8 Standard EN060598-1; 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) 50/R01 Hz MATERIALS - Driver 50/R01 Hz 50/R01 Hz Body Polycarbonate Driver Overvoltage protection DM 1KV / CM 2KV Optic Integrated in the screen Control System Through wiring - On/Off Gasket CONC deposited sealant Nonting and installation Ceiling - Wallmounting - Suspension External screw - Tit With GW connect watertight connectord Colour RAL7035 colored PC paste Fixing Staines steel support Classification - Light souce replaceability Non-replaceable Divice with reduced surface temperature Yes Control gear replaceability Non-replaceable Divice with reduced surface temperature Yes Contr	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 Suppl 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 - On/Off Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE - Locking Hook - Tit With GW connectored - Colour RAL7035 colored PC paste Wiring Wiring Stainless steel support Classification - Light souce replaceability Non-replaceable Driver Box Built-in Device with reduced surface temperature Yes Control gear replaceability Non-replaceable Elementation - Divie registreation - Light souce replaceability </td <td colspan="2">System power 61 W</td> <td>Standard Deviation Colour Matching</td> <td>SDCM = 3</td>	System power 61 W		Standard Deviation Colour Matching	SDCM = 3
Warranty5 yearsELETRICAL AND LIGHTING FEATURESStocking 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 SystemThrough wiring - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith GW connect watertight connectorColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDivice BoxIIMaximum surface exposed to the wind-IPEA-Maximum surface exposed to the wind-Insulation classIIMaximum surface exposed to the wind-	LED Lifetime		Photobiological Risk Class	RG0
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 - On/Off Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE - Locking Hook - 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 Diver Box - Maximum surface exposed to the wind - IPEA - Maximum surface exposed to the wind -	Weight (kg)	3.8	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 SystemThrough wiring - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TitWith fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gar replaceabilityNon-replaceableDiN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classII	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 - 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 IPEA - Maximum surface exposed to the wind - Insulation class II - -	Stocking tempe	erature -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 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-Insulation classII	Operating temperature -25 +50 °C		Rated frequency (Hz)	50/60 Hz
Shield type UV stabilised polycarbonate Optic Overvoltage protection DM 1KV / CM 2KV Optic Integrated in the screen Gasket Control System Through wiring - On/Off Gasket CNC deposited sealant Locking Hook INSTALLATION AND MAINTENANCE - 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 Built-in IPEA - Maximum surface exposed to the wind - Insulation class II - -	MATERIALS -		Driver	Included
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 - 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 IPEA - Maximum surface exposed to the wind - Insulation class II - -	Body	Polycarbonate	Driver failure rate	F10 = 100.000h Tq25°C
GasketCNC deposited sealantINSTALLATION AND MAINTENANCELocking 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-	Shield type	UV stabilised polycarbonate	Overvoltage protection	DM 1KV / CM 2KV
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 - -	Optic	Integrated in the screen		Through wiring - On/Off
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 - -	Gasket CNC deposited sealant		INSTALLATION AND MAINTENANCE	-
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 -	Locking Hook -			
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 - -				
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 - -			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 -	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 -			Light souce replaceability	Non-replaceable
IPEA - Maximum surface exposed to the wind - Insulation class II -			Controlgear replaceability	Non-replaceable
Insulation class II -				Built-in
			Maximum surface exposed to the wind	-
				-
	IP degree IP66/IP69			-
Mechanical resistance IK08 -				-
Glow Wire Test 850 °C -	Glow Wire Test 850 °C			-

DIMENSIONAL

70 1600 70 Ē 140 210 280) D 2 6 cd/klm 350 110 **TECHNICAL SYMBOLOGY** GWT : iiiii 💥 面 IP IK

Data, measures, designs and pictures are for information purpose only, last update 29/04/2024. 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



STANDARDS/APPROVALS



Product Data Sheet GWS3322BT857 SMART [3] PLUS

Data, measures, designs and pictures are for information purpose only, last update 29/04/2024. 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. - 2 of 2