Product Data Sheet GWS3320BC957

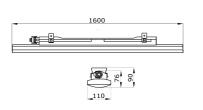
SMART [3] PLUS



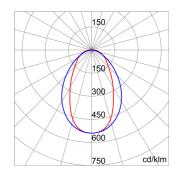
Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI ≥80 and ≥90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas Can replace high 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 Transparent with internal lens production rooms 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) 7100 Colour Grey RAL 7035 Colour temperature 5700 K (Importance) System power LBD lifetime Colour Temperature 5700 K (Importance) LED Lifetime LBD lifetime Standard ENCOSPA: Standard CRIP90 System power LBD lifetime Standard ENCOSPA: Standard CRIP90 Waranty 5 years ELETRCLA ND LIGHTING FEATURES - Voerig temperature -25 450 °C Supply voltage 220-240 V Opticar Standard Phicebiological Risk Class Colour 1000 Tq25°C - Stocking temperature -25 450 °C Rated frequency (Hz) Stondard - Opticar Stondard Driver failure rate F10 = 100.0000 Tq25°C - -	GENERAL INI	FORMATION -	OPTIC AND ILLUMINATING FEATURES	-
Application Internal Lumen output (lm) 7100 Unique digital code (Datamatrix) Datamatrix Efficacy 116 Colour Grey RAL 7035 Colour temperature 5700 K Type of light source LED Colour Rendering Index CRI>90 System power LBD Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000h Fhotabiological Risk Class RG0 Weight (kg) 4 Standard EtnotA LAD LightTing FEATURES - Stocking temperature -25 +80 °C Supply voltage 220-240 V - Marterial LVV stabilised polycarbonate Driver failure rate F10 = 100.00h Tq25°C - Stocking temperature -25 +50 °C Rated frequency (Hz) 50/60 Hz - Marterial type UV stabilised polycarbonate Driver failure rate F10 = 100.00h Tq25°C - Standard CNC deposited sealant Control System Stand Alone - On / On - Goly PMMA lens inside Ontroe failure rate F10 = 100.00h Tq25°C - Colour	Context		Optic	Transparent with internal lens
Unique digital code (Datamatrix) Datamatrix Efficacy 116 Colour Grey RAL 7035 Colour temperature 5700 K System power ED Colour temperature 5700 K System power 61 W Standard Deviation Colour Matching SDCR 963 LED Lifetime L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 Photobiological Risk Class RG0 Weight (kg) 4 Standard Deviation Colour Matching SDCR 863 Weight (kg) 4 Standard Deviation Colour Matching SDCR 863 Veight (kg) 4 Standard Deviation Colour Matching SDCR 863 Veight (kg) 4 Standard Deviation Colour Matching SDCR 863 Veight (kg) 4 Standard Deviation Colour Matching SDCR 863 Veight (kg) 4 Standard Deviation Colour Matching SDCR 863 Stocking temperature -25 +80 °C Rated frequency (Hz) 50/60 Hz Doly Polycarbonate Driver failure rate F10 = 100.000h Tq25°C Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation	Luminaire LED fixture for general lic		Unified Glare Rating	UGR ≤ 25 (4H/8H)
Colour Grey RAL 7035 Colour temperature 5700 Type of light source LED Colour temperature 5700 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) 4 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 Included Body Polycarbonate Driver Included Driver Included Stacket CNC deposited sealant INSTALLATION AND MAINTENANCE - - Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE - - Colour RAL7035 colored PC paste Wiring With GW connect watertight connector STANDARDS AND APPROVALS - Title Staniless steel support Classifi	Application Interr		Lumen output (Im)	7100
Type of light sourceLEDColour Rendering IndexCRI>90System power61 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10(Tq25°C)=94.000hRdGORdGOWeight (kg)4Standard Deviation Colour MatchingSDCM = 3Weight (kg)4Standard Deviation Colour MatchingRdGOWarranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +50 °CSupply voltage220-240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALSDriverIncludedDriverIncludedSokid typeUV stabilised polycarbonateOvervoltage protectionDM KV / CM 2KVOpticPMMA lens insideControl SystemStand Alone - On / OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-TitWithing bracketColourRAL7035 colored PC pasteWitringWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Ligt souce replaceabilityNon-replaceableDiv RegreeIP6AMaximum surface exposed to the wind-IPEA-IP66/IP69Maximum surface exposed to the windInsulation classIIMaximum surface exposed to the wind-IP degreeIP66/IP69	Unique digital code (Datamatrix) Datamatrix			116
System power61 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)4StandardEN60598-1; IEC 62778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzBodyPolycarbonateDriverIncludedShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticPMMA lens insideControl SystemStand Alone - On / OffGasketCNC deposited sealantTiltWith GW connect watertight connectorLocking Hook-TiltWitingWith GW connect watertight connectorStandard Devised supportFisingStainless steel supportStainless steel supportColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorStainloss-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYersControl Spare replaceabilityIPEA-Mounting and installationCeiling - Wallmounting - SuspensionILCU HordeNot availableDriver BoxBuilt-Incence Halores Stainees Steel supportClassification-KingStainless Steel supportIPEA-Maximum surface exposed to t	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) 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 PMMA lens inside CNC deposited sealant INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension - External screw - Tit With GW connect watertight connector - Colour RAL7035 colored PC paste Wring With GW connect watertight connector - Clour RAL7035 colored PC paste Ering Stainless steel support - Classification -	Type of light source LED		Colour Rendering Index	CRI>90
Weight (kg) 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) 5060 Hz MATERIALS - Triver Included Body Polycarbonate Driver failure rate F10 = 100.000h Tq25°C Shield type UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV Optic PMMA lens inside Control System Stand Alone - On / Off Locking Hook - Tilt With fixing bracket Colour RAL7035 colored PC paste Wiring With fixing bracket Colour RAL7035 colored PC paste Fixing Stalness steel support Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature Yes Cortrolgear replaceability Non-replaceable Device with reduced surface temperature Yes Cortrolgear replaceability Non-replaceable Device with reduced surface temperature Yes <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
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 Polycarbonate Driver failure rate F10 = 100.000h Tq25° C Shield type UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV Optic PMMA lens inside Control System Stand Alone - 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 Stainless steel support - Light souce replaceability Non-replaceable Device with reduced surface temperature Yes Controlgear replaceability Non-replaceable Diver Box Ilight souce replaceability Non-replaceable Non-replaceable Device with reduced surface temperature Yes Controlgear replaceability Non-replaceable Diver Box	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 2KVOpticPMMA lens insideControl SystemStand Alone - On / OffGasketCNC 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 classIIIlIP degreeIP66/IP69Mechanical resistanceIK08	Weight (kg) 4		Standard	EN60598-1; IEC 62778; IEC62471
Operating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALSDriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.00h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticPMMA lens insideControl SystemStand Alore - On / OTGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking HookMounting and installationCeiling - Wallmounting - SuspensionExternal screwTiltWith fixing bracketColourRAL7035 colored PC pasteWiringSTANDARDS AND APPROVALSFixingStainless steel supportClassificationLight souce replaceabilityNon-replaceableDiver south reduced surface temperatureYesControl gear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver Boxeinter site-IPEA-Maximum surface exposed to the windIPedgreeIP66/IP69Mechanical resistanceIK08	Warranty 5 years		ELETRICAL AND LIGHTING FEATURES	-
MATERIALSDriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticPMMA lens insideControl SystemStand Alone - On / OffGasketCNC 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-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDriver BoxInstraum surface exposed to the windInsulation classIIInsulation classIIIPedereeIP66/IP69Mechanical resistanceIK08	Stocking temperature -25 +80 °		Supply voltage	220-240 V
BodyPolycarbonateDriver failure rateF10 = 100.00h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticPMMA lens insideControl SystemStand Alone - 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-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableIPEA-Maximum surface exposed to the wind-IP 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 PMMA lens inside Control System Stand Alone - On / Off Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension External screw - Tilt 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 - II II - - - IPegee IP66/IP69 - - - Mechanical resistance IK08 - - -	MATERIALS -		Driver	Included
OpticPMMA lens insideControl SystemStand Alone - On / OffGasketCNC 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-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-IIIIIIIP degreeIP66/IP69Mechanical resistanceIK08	Body Polycarbonat		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 - II II - - IPegree 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 PMMA lens in		Control System	Stand Alone - On / Off
External screw-TiltWith fixing bracketColourRAL7035 colored PC paseWiringWith 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-IIIP degreeIP66/IP69-Mechanical 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 - - IPeqeree 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 -				-
	- · · J · · · · · · · · · · · · · · · · · · ·			-
Glow Wire Test 850 °C -				-
	Glow Wire Tes	t 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 GWS3320BC957

SMART [3] PLUS



