Product Data Sheet GWS3320BC830

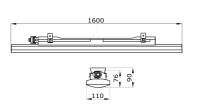
SMART [3] PLUS



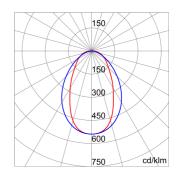
Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI \ge 80 and \ge 90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas Can replace 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.

Context Lighting of warehouses, indoor parking and industrial production rooms Optic Transparent with internal lense production rooms Luminaire LED fixture for general lighting Unified Glare Rating UGR ≤ 25 (4H/8H) Application Internal Lumen output (im) 8500 Unique digital code (Datamatrix) Datamatrix Efficacy (imW) 199 Colour Grey RAL 7035 Colour temperature 3000 K System power 61 W Standard Deviation Colour Matching SDCN=33 LED Lifetime L80B10(Tq25°C)=50.000h; L80B10(Tq25°C)=40.000h; L80B10 Photobiological Risk Class R60 Weight (kg) 4 Standard EN60598-1; IEC 62778; IEC62471 Waranty 5 years ELETRICLA AND LIGHTING FEATURES - Operating temperature -25 +60 °C Rated frequency (Hz) 50/60 Hz MATERIALS - Driver failure rate F10 = 100.000h Tq25°C Optic PMAM lens inside Oornorlog system OM HK/ / CM 2KV Optic PMAM lens inside Oornorlog system Standarlog erotecton DM HK/ / CM 2KV	GENERAL INF	ORMATION -	OPTIC AND ILLUMINATING FEATURES	-
Application Internal Lumen output (lm) 8500 Unique digital code (Datamatrix) Datamatrix Efficacy 139 Colour Grey RAL 7035 Colour temperature 3000 K Type of light source LED Colour Rendering Index CRI>80 System power L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000h Standard Deviation Colour Matching SDCM = 3 Weight (kg) 4 Standard Deviation Colour Matching SDCM = 3 Weight (kg) 5 years ELETRICAL AND LIGHTING FEATURES - Vorget in 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 Tq25°C - Shield type UV stabilised polycarbonate Driver failure rate Stand Alone - On / of - Optic PMMA lens inside Control System Stand Alone - On / of - Colour RAL7035 colored PC pase Wiring Wattendumting - Suspension External screw - Tilt Wuith GW connect wattertight connector	Context		Optic	Transparent with internal lens
Unique digital code (Datamatrix)DatamatrixEfficacy (Im/W)139ColourGrey RAL 7035Colour temperature3000 KType of light sourceLEDColour temperature3000 KSystem power61 WStandard Deviation Colour MatchingSDCM #3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000hPhotobiological Risk ClassRGOWeight (kg)4StandardEN60598-1; IEC 62778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +80 °CRated frequency (Hz)5060 HzSoking totypeUV stabilised polycarbonateDriver failure rateF10 = 100.000 ht 725°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticPMMA lens insideControl SystemStand Alone - On / OffGasketCNC deposited sealantWorting and installationCeiling - Waltmounting - SuspensionClassification-Light source replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl SystemStailes steel supportClassification-Light source replaceabilityNon-replaceableDiver BoxNot replaceableMaximum surface exposed to the wind-InstallationFileStandardNot replaceableNon-replaceableNon-replaceableDiver Bo	Luminaire	LED fixture for general lighting	Unified Glare Rating	UGR ≤ 25 (4H/8H)
Colour Grey RAL 7035 Colour temperature 300 K Type of light source LED Colour temperature 300 K 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) 4 Standard EN60598-1; IEC 62778; IEC62471 Warranty 5 years ELET RICAL AND LIGHTING FEATURES - Stocking temperature -25 +50 °C Supply voltage 220-240 V MatTERIALS 5 years ELET RICAL AND LIGHTING FEATURES - Body Polycarbonate Driver 1/ncluded Body Polycarbonate Overvoltage protection DM HCV / OM 2KV Staket CNC deposited sealant INSTALLATION AND MAINTENANCE - Locking Hook Titl Wining With GW connect watertight connector StandAnd Servew Titl Witing Non-replaceable Optic PRMA lens installation Celling - Wallmounting - Suspension <t< td=""><td colspan="2">Application Internal</td><td>Lumen output (Im)</td><td>8500</td></t<>	Application Internal		Lumen output (Im)	8500
Type of light sourceLEDColour Rendering IndexCRI>80System power61 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=10.000h; L80B10(Tq25°C)=94.000hStandard Deviation Colour MatchingSDCM = 3Weight (kg)4Standard Deviation Colour MatchingSDCM = 3Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALSDriverIncludedDriverIncludedSoking topUV stabilised polycarbonateDriver failure rateF10 = 100.000h Tq25°COpticPMMA lens insideControl SystemStand Alon e. On / OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-TitWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Light source replaceabilityNon-replaceableDiv 18032-3 certificationNot availableDriver BoxBuiltIPEA-Maximum surface exposed to the wind-IP degreeIP6/IP69IP degreeIP6/IP69-	Unique digital code (Datamatrix) Datamatrix			139
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 ELETRICAL AND LIGHTING FEATURES - Stocking temperature -25 +50 °C Rated frequency (Hz) 50/60 Hz Operating temperature -25 +50 °C Rated frequency (Hz) 50/60 Hz Body Polycarbonate Driver Included 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 Tilt With GW connect watertight connector Colour RAL7035 colored PC paste Fining Stainless steel support Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature Yes Control System Stainless steel support Classification - Light souce replaceability Non-replaceable Divir	Colour	Grey RAL 7035	Colour temperature	3000 K
LED 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 +80 °C Supply voltage 220-240 V Operating temperature -25 +80 °C Supply voltage 220-240 V MATERALS Driver Oncided 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 CNC deposited sealant INSTALLATION AND MAINTENANCE - Colour RAL7035 colored PC paste Wing With GW connect watertight connector Stainless steel support Eight souce replaceability Non-replaceable Device with reduced surface temperature Yes Controlgear replaceability Non-replaceable Diver Basification Not available Driver Box Builtin IPEA <td colspan="2">Type of light source LED</td> <td>Colour Rendering Index</td> <td>CRI>80</td>	Type of light source LED		Colour Rendering Index	CRI>80
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 +80 °C Rated frequency (Hz) 50/60 Hz MATERIALS - Driver Included Body Polycarbonate Driver railure 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 GW connect waterlist steel support Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature Yes Cortrolgaer replaceability Non-replaceable Device with reduced surface temperature Yes Cortrolgaer replaceability Non-replaceable Device with reduced surface temperature Yes Cortrolgaer replaceability Non-replaceable Device with red	System power 61 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-DriverIncludedBodyPolycarbonateDriver 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-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-replaceableDin Na02-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classIIIP degreeIP66I/P69Mechanical resistanceIK08	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 2KVOpticPMMA lens insideControl SystemStand Alone - On / OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith fixing bracketColourRAL7035 colored PC pasteViringWith GW connect watertight connectorSTANDARDS AND APPROVALS-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDin 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-IMaximum surface exposed to the wind-Insulation classIIHaximum surface exposed to the wind-IP degreeIP66/IP69IP degreeIP66/IP69IK08-IK08-	Weight (kg)	4	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 2KVOpticPMMA lens insideControl SystemStand Alone - On / OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith fixing bracketColourRAL7035 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-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 Driver failure rate F10 = 100.000h Tq25°C Optic PMMA lens inside Control System DM 1KV / CM 2KV Optic PMMA lens inside Control System Stand Alone - On / Off 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 Stainess steel support Classification - Light souce replaceability Non-replaceable Driver Box - Maximum surface exposed to the wind - 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 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-IPeqeeIP66/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 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 Not available Driver Box Built-in IPEA - Maximum surface exposed to the wind - IP degree 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-TiltWiting bracketColourRAL7035 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-IIIIII-IP degreeIP66/IP69Mechanical 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 - External screw - 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	PMMA lens inside	Control System	Stand Alone - 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 classIIMechanical 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 -			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 - - IPeqere IP66/IP69 - - Mechanical resistance IK08 - -	External screw -			
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 - -			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 -				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	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 GWS3320BC830

SMART [3] PLUS



