

## Product Data Sheet GWS3322BT840

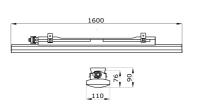
SMART [3] PLUS



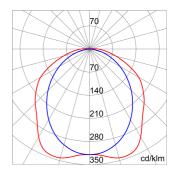
Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI ≥80 and ≥90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas Can replace high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

Luminaire         LED fixture for general lighting         Unified Glare Rating         UGR ≤ 25 (4H/3H)           Application         Internal         Lumen output (im)         9400           Unique digital code (Datamatrix)         Datamatrix         Efficacy         154           Colour         Grey RAL 7035         Colour temperature         4000 k           Type of light source         LED         Colour temperature         4000 k           System power         EBD         Colour temperature         4000 k           UED Lifetime         LS0B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10         Photosicological Risk Class         RG0           Weight (kg)         5 years         Standard         ENe0598-1; IEC 62778; IEC62471           Waranty         5 years         Standard         ENe0598-1; IEC 62778; IEC62471           Waranty         5 years         Standard         ENe0598-1; IEC 62778; IEC62471           MarterNaLS         Opriver         Included         -           Stocking temperature         -25 +80 °C         Supply voltage         220-240 V           Optic         Integrated in the screen         Driver         Included           Gody         Polycarbonate         Overvoltage protection         DM KV / CM 2KV           Optic	GENERAL INF	FORMATION -	OPTIC AND ILLUMINATING FEATURES -	
ApplicationInternalInternalUmen output (Im)9400Unique digital code (Datamatrix)DatamatrixEfficacy154ColourGrey RAL 7035Colour Renperature4000 KType of light sourceCEDColour Rendering IndexCRI>80System powerEDDStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=90.000h; L80B10(Tq25°C)=90.000h; L80B10(Tq25°C)=90.000h; L80B10(Tq25°C)=90.000h; L80B10(Tq25°C)=90.000h; CTq50°C)=90.000hStandard Deviation Colour MatchingSDCM = 3Weight (kg)3.8StandardEN60598-1; IEC 62778; IEC 62471-Weight (kg)5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +50°CSupply voltage220-240 VOperating temperature-25 +50°CRed frequency (Hz)50/60 HzMATERIALSDriverIndergrate in the screenDriver failure rateF10 = 100.000h Tq25°COpticIntegrated in the screenConcol SystemThrough wining - On2/KV / CM 2KVOpticIntegrated in the screenConcol SystemThrough wining - SuspensionColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALSTiltWith GW connect watertight connectorPEAOto varializerFixingStailess steel supportClassificationLight souce replaceabilityNon-replaceableDiver BoxIifer BoxControl SystemBuilt-inPEAOto varializerFi	Context		Optic	Microprismatic transparent
Unique digital code (Datamatrix)       Datamatrix       Efficacy       154         Oclour       Grey RAL 7035       Colour temperature       4000 K         Type of light source       LED       Colour temperature       4000 K         System power       61 W       Standard Deviation Colour Matching       SDCM = 3         LD Lifetime       L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10       Photobiological Risk Class       RG0         Weight (kg)       (Tq50°C)=94.000h       Standard       EN60598-1; IEC 62778; IEC62471         Warranty       5 years       ELETRICAL AND LIGHTING FEATURES       -         Operating temperature       -25 +80 °C       Supply voltage       220-240 V         Operating temperature       -25 +80 °C       Rated frequency (Hz)       50/60 Hz         Body       Polyachonate       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 - With fixing bracket         Colour       RAL7035 colored PC paste       Witing       With fixing bracket         Colour       RAL7035 colored PC paste       Witing       With fixing bracket         Colour </td <td>Luminaire</td> <td>LED fixture for general lighting</td> <td>Unified Glare Rating</td> <td>UGR ≤ 25 (4H/3H)</td>	Luminaire	LED fixture for general lighting	Unified Glare Rating	UGR ≤ 25 (4H/3H)
Colour       Grey RAL 7035       Colour Remearature       400 K         Colour fight source       LED       Colour Remearature       400 K         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       Standard       EN60598-1; IEC 62778; IEC62471         Warranty       5 years       Standard       EN60598-1; IEC 62778; IEC62471         Matrenaty       5 years       Standard       EN60598-1; IEC 62778; IEC62471         Martenaty       5 years       Standard       EN60598-1; IEC 62778; IEC62471         Martenaty       5 years       Standard       Enertical And tastandrad       EN60598-1; IEC 62778; IEC62471         Martenaty       5 years       Standard       Euternatical And tastandrad       Enertical And tastandrad       Enertical And tastandrad         Body       Polycarbonate       Driver       Supply voltage       220-240 V         Sheld type       UV stabilised polycarbonate       Driver       Included       Standard         Gasket       CNC deposited sealant       INSTALLA	Application Inte		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)3.8Standard Deviation Colour MatchingEN60598-1; IEC 62778;	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         Waranty       5 years       ELETRICAL AND LIGHTING FEATURES       -         Operating temperature       -25 +50 °C       Rated frequency (Hz)       50/60 Hz         Operating temperature       -25 +50 °C       Rated frequency (Hz)       50/60 Hz         Body       Polycarbonate       Driver       Driver       Included         Shield type       UV stabilised polycarbonate       Overvoltage protection       DM 1KV / CM 2KV       Control System       Through wiring - On/Off         Gasket       CNC deposited sealant       Mounting and installation       Ceiling - Wallmounting - Suspension       -         Colour       RAL7035 colored PC paste       Wiring       With GW connect watertight connector       Stainless steels upport         Classification       Not available       Driver Boac       Control System       Stainless steels upport         Divide gave       Wolth reduced surface temperature       Yes       Control Gaser replaceability       Non-replaceable         Divide gave       Not avail	Colour	Grey RAL 7035	Colour temperature	4000 K
LÉD 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       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       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       INSTALLATION AND MAINTENANCE       -         Colour       RAL7035 colored PC paste       Wring       Writh GW connect watertight connector         StanDARDS AND APPROVALS       -       Fixing       Stainless steel support         Classification       -       Light souce replaceability       Non-replaceable         Device with reduced surface temperature       Yes       Control System       Built-in         INSTALLATION       Fixing       Stainless steel support       Classification       Tit       Writh GW	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       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         Locking Hook       -       Tilt       With fixing bracket         Colour       RAL7035 colored PC paste       Wiring       With fixing bracket         Colour       RAL7035 colored PC paste       Fixing       Stainless 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	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-Driver50/60 HzBodyPolycarbonateDriver 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-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWitingStailess steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl Gear replaceabilityNon-replaceableDiviser BoxIIMaximum surface exposed to the wind-IPEA-Maximum surface exposed to the wind-IPergeeIP66/IP69Mechanical resistanceIK08-	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       Included         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       -       Munting 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         Diviter Box       II       II       III       IIII       IIIII       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Weight (kg)	3.8	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 V/ CM 2KV         Optic       Integrated in the screen       Control System       Through wirr - 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         IPEA       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 temp	erature -25 +80 °C	Supply voltage	220-240 V
BodyPolycarbonateDriver 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-TiltWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDivice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableIPEA-Maximum surface exposed to the wind-IPedgreeIP66/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 GW connect watertight connector         STANDARDS AND APPROVALS       -       Fixing       Stainless steel support         Classification       -       Light souce replaceability       Non-replaceable         Diview 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       III       -       -         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-IIIIIIInsulation classIIMechanical 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       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 classIIIP degreeIP66/IP69Mechanical resistanceIK08	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       -       -         IP degree       IP66/IP69       -       -         Mechanical resistance       IK08       -       -	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 -			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 -			
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		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     -				Non-replaceable
Insulation class     II     -       IP degree     IP66/IP69     -       Mechanical resistance     IK08     -			Driver Box	Built-in
IP degree     IP66/IP69     -       Mechanical resistance     IK08     -	IPEA -		Maximum surface exposed to the wind	-
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 19/05/2023. 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



STANDARDS/APPROVALS



Product Data Sheet GWS3322BT840 SMART [3] PLUS