# Product Data Sheet GWS3320BT840

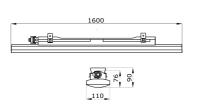
#### SMART [3] PLUS



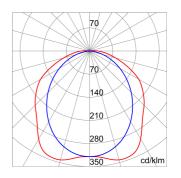
Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI ≥80 and ≥90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas Can replace high 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 production rooms       Luminaire     LED fixture for general lighting     Lumen output (Im)     9400       Application     Internal     Lumen output (Im)     9400       Unique digital code (Datamatrix)     Datamatrix     Efficacy (ImW)     154       Colour     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       LED Lifetime     L90B10(Tq25*C)=50.000h; L80B10(Tq25*C)=100.00h; L80B10     Photobiological Risk Class     RG0       Weight (kg)     3.8     Standard Deviation Colour Matching     SDCM = 3       Veight (kg)     5 years     ELETRICLA ND LIGHING FEATURES     -       Voor parating temperature     -25 +60 °C     Rated frequency (Hz)     50/60 Hz       MATERALS     -     Driver failure rate     F10 = 100.000h Tq25°C       Sheld type     UV stabilised polycarbonate     Driver failure rate     F10 = 100.000h Tq25°C       Sheld type	GENERAL INI	FORMATION -	OPTIC AND ILLUMINATING FEATURES	-
Application   Internal   Lumen output (lm)   9400     Unique digital code (Datamatrix)   Datamatrix   Efficacy   154     Colour   Grey RAL 7035   Colour temperature   4000 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     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Voltage   220-240 V   -   Stocking temperature   -25 +80° C   Supply voltage   220-240 V     Operating temperature   -25 +50° C   Rated frequency (Hz)   50/60 Hz   -   -     Marterials   UV stabilised polycarbonate   Driver failure rate   F10 = 100.000 hzq25° C   -     Shield type   UV stabilised polycarbonate   Control System   Stand Alone - On / Ot   -     Optic   Integrated in the screen   Control System   Stand Alone - On / Ot   -     Colour   RAL7035 colored PC pase   Witring   Warterial Screen   With GW connect watertight connector     Standard   Control system   Stand Alone - On / O	Context		Optic	Microprismatic transparent
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   61 W   Standard Deviation Colour Matching   SDCM = 3     LED Lifetime   L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10   Photobiological Risk Class   RGO     Weight (kg)   5 years   Standard Deviation Colour Matching   SDCM = 3     Veight (kg)   5 years   ELETRICAL AND LIGHTING FEATURES   -     Stocking temperature   -25 +80 °C   Supply voltage   20-240 V     Operating temperature   -25 +80 °C   Rated frequency (Hz)   50/60 Hz     Stocking temperature   -25 +80 °C   Rated frequency (Hz)   50/60 Hz     Stocking temperature   -25 +80 °C   Rated frequency (Hz)   50/60 Hz     Stocking temperature   -25 +80 °C   Rated frequency (Hz)   50/60 Hz     Stocking temperature   -25 +80 °C   Rated frequency (Hz)   50/60 Hz     Stoild type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   Integra	Luminaire	LED fixture for general lighting	Unified Glare Rating	UGR ≤ 25 (4H/3H)
Colour     Grey RAL 7035     Colour temperature     400 k       Type of light source     LED     Colour temperature     400 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)     3.8     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 +80 °C     Supply voltage     220-240 V       MATERIALS     Driver     Included     Included       Body     Polycarbonate     Driver     Included       Stated frequency (Hz)     Overvoltage protection     DM 1KV / CM 2KV       Optic     Integrated in the screw     -     Tilt       Colour     RAL7035 colored PC paste     Wiring     With GW connect watertight connector       StandAnd Servew     Tilt     Standarone     Standarone     Or / Off       Colo	Application Internal		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)=40.000h; (Tq50°C)=94.000hStandard Deviation Colour MatchingSDCM = 3Weight (kg)3.8Standard Deviation Colour MatchingRG609Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALSDriverIncludedDriverIncludedSokatCNC deposited sealantDriver failure rateF10 = 100.000h Tq25°COpticIntegrated in the screenCortol SystemStand Alo MAINTENANCEColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALSTitWith source replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuilt source replaceabilityNon-replaceableIN 18032-3 certificationNot availableDriver BoxBuilt inPire BoxBuilt inIPEAIPE6/IPE9IPE6/IPE9Insulation classIIMaximum surface exposed to the wind-IP degreeIP66/IPE9IN 2002IP degreeIP66/IPE9IN 2002IP degreeIP66/IPE9	Unique digital code (Datamatrix) Datamatrix			154
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)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 HzBodyPolycarbonateDriverIncludedShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemStand Alone - On / OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-TiltWith GW connect watertight connectorSTANDARDS AND APPROVALSFilsFilsStainless steels supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl SystemBuilt souce replaceabilityINS32-3 certificationNot availableDriver BoxBuilt-IPEA-Maximum surface exposed to the wind-IPedegreeIP6/IP69Maximum surface exposed to the windIP degreeIP6/IP69	Colour	Grey RAL 7035	Colour temperature	4000 K
LÉD 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)3.8StandardEN60598-1; IEC 62778; IEC 62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +60 °CSupply voltage220-240 VBodyPolycarbonateDriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateControl SystemStand Alone - On / OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith fixing bracketColourRAL7035 colore PC pasteWiringWith GW connectorating bracketStanDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDin Had22-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-IPEA-Maximum surface exposed to the wind-IPEAIIMaximum surface exposed to the wind-IPEAIIP66/IP69IP degree </td <td colspan="2">Type of light source LED</td> <td>Colour Rendering Index</td> <td>CRI&gt;80</td>	Type of light source LED		Colour Rendering Index	CRI>80
Weight (kg)   3.8   Standard   EN60598-1; IEC 62778; IEC 62778	System power 61 W		Standard Deviation Colour Matching	SDCM = 3
Warranty5 yearsELETRICAL AND LIGHTING FEATURESStocking 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 2KVOpticIntegrated in the screenControl 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 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-IpergeeIP66/IP69Mechanical 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 = 100.00h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemStand Alone - On / OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Walting ruschedColourRAL7035 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-IIMaximum surface exposed to the wind-Insulation classIIIIIP degreeIP66/IP69Mechanical resistanceIK08	Weight (kg)	3.8	Standard	EN60598-1; IEC 62778; IEC62471
Operating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALSDriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.000 h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemStand AND AND MAINTENANCE-Locking HookCNC deposited sealantINSTALLATION AND MAINTENANCELocking HookMounting 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-replaceable-DIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the windIP 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   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   Integrated in the screen   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   -   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   -   -     IPegeree   IP66/IP69   -   -     Mechanical resistance   IK08   -   -	Stocking temperature		Supply voltage	220-240 V
BodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl 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   Integrated in the screen   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 System Source exposed to the wind   -     IPEA   -   Maximum surface exposed to the wind   -     IP degree   IP66/IP69   -   -     Mechanical resistance   IK08   -   -	MATERIALS -		Driver	Included
OpticIntegrated in the screenControl 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-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
GasketCNC 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-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-IIIIIIIPegreeIP66/IP69Mechanical resistanceIK08	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				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-Insulation classIIMechanical resistanceIK08	Gasket CNC deposited sealant			-
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   -   -     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 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 - -			Light souce replaceability	Non-replaceable
IPEA - Maximum surface exposed to the wind -   Insulation class II -   IP degree IP66/IP69 -   Mechanical resistance IK08 -			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 -				-
	IP degree IP66/IP69			-
Glow Wire Test 850 °C -				-
	Glow Wire Test 850 °C			-

### DIMENSIONAL



## PHOTOMETRIC DISTRIBUTION



GWT

#### **TECHNICAL SYMBOLOGY** iiii 💥 💼 IP IK IP66/IP69 IK08 850 °C

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

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SMART [3] PLUS



