Product Data Sheet GWS3321BT840

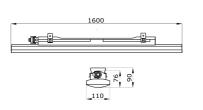
SMART [3] PLUS



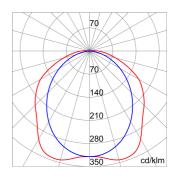
Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI ≥80 and ≥90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas Can replace high 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 Luminaire LED fixture for general lighting Unfied Glare Rating UGR ≤ 25 (4H/3H) Application Internal Lumen output (Im) 9400 Unique digital code (Datamatrix) Datamatrix Efficacy (ImW) 149 Colour Grey RAL 7035 Colour temperature 4000 K Type of light source LED Colour Rendering Index CRI>80 System power L80B10(Tq25*C)=50.000h; L80B10(Tq25*C)=100.000h; L80B10 Photobiological Risk Class RG0 Weight (kg) 3.8 Standard EL80E598-1; IEC 62778; IEC 6278; IEC 60000 TQ 25*0; IEC 62778; IEC 62778; IEC 6278; IEC 6	GENERAL INF	FORMATION -	OPTIC AND ILLUMINATING FEATURES	-
ApplicationInternalLume noutput (Im)9400Unique digital code (Datamatrix)DatamatrixEfficacy149ColourGrey RAL 7035Colour temperature4000 KType of light sourceLEDColour tendering IndexCRI>80System powerL6DColour tendering IndexCRI>80LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=40.000h; L80B10CRI>60Standard Deviation Colour MatchingSDCMWeight (kg)3.8Standard Deviation Colour MatchingSDCMRGOWeight (kg)5 yearsELETICAL AND LIGHTING FEATURESRCOStocking temperature-25 + 445°CRated frequency (Hz)50/60 HzMATERIALSOriver failure rateF10 = 100.000 h Tq25°C)Stocking terperatureStandard frequency (Hz)S0/60 HzShield typeUV stabilised polycarbonateOriver failure rateF10 = 100.000 h Tq25°C-OpticIntegrated in the screenControl SystemStand Alone - DALI-GasketCNC deposited sealantINSTALLATION AND MAINTENANCELocking Hook-Munitig and installationCeiling - Wallmounting - Suspension-Classification-Light souce replaceabilityNon-replaceableDivier BALAD APPROVALS-FingStainless steel supportIPEA-Noi availableDriver RoxBuilt-inIPEA-Noi availableControl gear replaceabilityNon-replaceableDivid RegreeIP6//P69-M	Context		Optic	Microprismatic transparent
Unique digital code (Datamatrix) Datamatrix Efficacy 149 Colour Grey RAL 7035 Colour temperature 4000 K Type of light source LED Colour temperature 4000 K System power 63 W Standard Deviation Colour Matching SDCR # 3 Weight (kg) (Tq50°C)=94.000h Photobiological Risk Class RG0 Weight (kg) 5 years ELETRICAL AND LIGHTING FEATURES - Stocking temperature -25 + 80 °C Supply voltage 20-240 V Operating temperature -25 + 80 °C Supply voltage 20-240 V Operating temperature -25 + 80 °C Supply voltage 20-240 V Operating temperature -25 + 80 °C Supply voltage 20-240 V Operating temperature -25 + 80 °C Supply voltage 20-240 V Optic Integrated in the screen Oriver failure rate F10 = 100.000 ht Q25°C Shield type UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV Optic Integrated in the screen Control System Standard One -DALI Gasket CNC deposited sealut INSTALLATION	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 System power 63 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=400.000h; 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 + 45°C Supply voltage 220-240 V Operating temperature -25 + 45°C Supply voltage 220-240 V MatTERIALS Driver Included Included Body Polycarbonate Driver Overvoltage protection DM 1KV / CM 2KV Sheld type UV stabilised polycarbonate Overvoltage protection DIM 1KV / CM 2KV Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE - Locking Hook Titl Witing Standanes steel support Colour RAL7035 colored PC paste Witing Standase steel support Classification Light souce replaceability	Application Internal		Lumen output (Im)	9400
Type of light sourceLEDColour Rendering IndexCRI>80System power63 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10(Tq25°C)=40.000hPhotobiological Risk ClassRG0Weight (kg)3.8Standard Deviation Colour MatchingSDCM = 3Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 + 40 °CSupply voltage220-240 VOperating temperature-25 + 45° CSupply voltage220-240 VMaTERIALSDriverIndedBodyPolycarbonateDoticIntegrated in the screenDriver failure rateF10 = 100.000h Tq25°CStaketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking HookTitWiringWith GW connect watertight connectorStandardRL7035 colored PC pasteWiringWith GW connect watertight connectorStaNDARDS AND APPROVALSFixingStanlaes steel supportClassificationLight souce replaceabilityNon-replaceabilityDiv 18032-3 certificationNot availableDriver BoxBuilt-inIPEANon-replaceabilityNon-replaceabilityNon-replaceabilityIPA degreeIP6/IP69Maximum surface exposed to the windIpdegreeIP6/IP69Materia existanceIK08-	Unique digital code (Datamatrix) Datamatrix			149
System power63 W LED LifetimeStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 (Tq50°C)=94.000h (Tq50°C)=94.000hPhotobiological Risk ClassRG0Weight (kg)3.8StandardEN60598-1; IEC 62778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 + 480 °CSupply voltage220-240 VOperating temperature-25 + 445°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 - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - Suspension-External screw-TitWith GW connect watertight connectorStanless steel supportClassification-Light souce replaceabilityNon-replaceableDevice over overlage exposed to the wind-INS1AL23 certificationNot availableDriver BoxBuiltIN 18032-3 certificationNot availableTiver BoxBuilt-IPEA-IP66/IP669IP degreeIP66/IP669IP degreeIP66/IP669<	Colour	Grey RAL 7035	Colour temperature	4000 K
LÉD 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 + 45°CSupply voltage220-240 VOperating temperature-25 + 45°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 - DALILocking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TitWith GW connectwateketColourRAL7035 colored PC pasteWiringWith GW connectwateketDevice with reduced surface temperatureYesControl Gyare replaceabilityNon-replaceableDevice with reduced surface temperatureYesDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-IPA degreeIP66/IP69IP degreeIP66/IP69IP degreeIP66/IP69	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 + +45°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 screet Cotrol System Stand Alone - DALI Locking Hook - Tilt With fixing bracket Colour RAL7035 colored PC paste Wiring With GW connector watertight connector STANDARDS AND APPROVALS - Fixing Stainless steel support Classification - Light souce replaceability Non-replaceable Divier gradee IPEA - Maximum surface exposed to the wind - Insulation class II Fixing Stainless steel support 1suitt-in IpEqare IPE6/IPE6 - Maximum surface	System power 63 W		Standard Deviation Colour Matching	SDCM = 3
Warranty5 yearsStocking temperature-25 +80 °COperating temperature-25 +45 °CRated frequency (Hz)50/60 HzMATERIALS-BodyPolycarbonateOpticPolycarbonateOpticIntegrated in the screenGasketCNC deposited sealantLocking Hook-External screw-ColourRAL7035 colored PC pasteSTANDARDS AND APPROVALS-Device with reduced surface temperatureYesOver valiableControl gar replaceabilityNon-replaceabilityNon-replaceabilityNon-replaceabilityNon-replaceabilityIn 18032-3 certificationNot availableIP degreeIP66/IP69Maximum surface exposed to the wind-Insulation classIIIP degreeIP66/IP69KotaIK08KotaIK08	LED Lifetime		Photobiological Risk Class	RG0
Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 + +45°CRated frequency (Hz)50/60 HzMATERIALSDriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.00h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemStand Alone - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Walth fixing bracketColourRAL7035 colored PC pasteViringWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableIPEA-Maximum surface exposed to the windInsulation classIIKingIPegreeIP66/IP69Mechanical resistanceIK08	Weight (kg)	3.8	Standard	EN60598-1; IEC 62778; IEC62471
Operating temperature-25 ÷ +45°CRated frequency (Hz)50/60 HzMATERIALSDriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.00h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDt1KV / CM 2KVOpticIntegrated in the screenControl SystemStand Alone - DALILocking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDiver suiting temperatureYesControl gear replaceabilityNon-replaceableIP EA-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 UV stabilised polycarbonate Overvoltage protection DN 1KV / CM 2KV Optic Integrated in the screen Control System Stand Alone - DALI Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension External screw - Tilt With GW connect watertight connector Colour RAL7035 colored PC paste Wiring With GW connect watertight connector 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 - -	Stocking temperature -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 SystemStand Alone - DALIGasketCNC 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-replaceableDivier BoxControlgear replaceabilityNon-replaceableBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classIIINSTALLATION Supposed to the wind-IP degreeIP66/IP69Mechanical resistanceIK08	Operating temperature -25 ÷ +45°C		Rated frequency (Hz)	50/60 Hz
Shield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemStand Alone - DALIGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-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 temperatureYesControl gear replaceabilityNon-replaceableIPEA-Maximum surface exposed to the wind-IIIIIII legreeIIP66/IP69Mechanical resistanceIK08	MATERIALS -		Driver	Included
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GasketCNC deposited sealantINSTALLATION AND MAINTENANCE-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-IIIIII66/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	Optic	Integrated in the screen		Stand Alone - DALI
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 -		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 - - IP degree 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 - - IPederee 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 -			Maximum surface exposed to the wind	-
Mechanical resistance IK08 -				-
	-			-
Glow Wire Test 850 °C -	Mechanical resistance IK08			-
	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 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 GWS3321BT840

SMART [3] PLUS



