

## Product Data Sheet GWS3322BB840

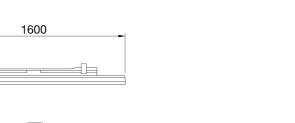
SMART [3] PLUS



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.

ContextLighting of warehouses, indoor parking and industrial production roomsOpticTransparent with internal lens production roomsLuminaireLED fixture for general lightingUnified Glare Rating-ApplicationInternalLumen output (Im)8200Unique digital code (Datamatrix)DatamatrixEfficacy (ImW)134ColourGrey RAL 7035Colour temperature4000 K (ImW)System power61 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeLS0B10(Tq25*C)=50.000h; LS0B10(Tq25*C)=40.000h; LS0B10Photobiological Risk ClassRG0Weight (kg)4Standard Deviation Colour MatchingSDCM = 3Veight (kg)5 yearsELETRICAL AND LIGHTING FEATURES-Operating temperature-25 +60 °CSupply voltage220-240 VOperating temperature-20* - +50°CRated frequency (Hz)50/60 HzMATERIALSDriver failure rateF10 = 100.000h Tq25'C)-OpticPMMA lens insideOvervollage protectionDM 1KV/ CM 2KVOpticCNC deposited sealantINSTALLATION AND MAINTENANCE-ColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorColourRAL7035 colored PC pasteWiting and instalationCelling - Wallmounting - SuspensionCatsdification-Itight source replaceabilityNon-replaceableDiver failure acte temperatureYeo'GenereplaceabilityNon-replaceableDiver gas control SystemThrough wirring - On/Off </th <th>GENERAL IN</th> <th>FORMATION -</th> <th colspan="2">OPTIC AND ILLUMINATING FEATURES -</th>	GENERAL IN	FORMATION -	OPTIC AND ILLUMINATING FEATURES -	
ApplicationInternalInternalEmenoutput (Im)8200Unique digital code (Datamatrix)DatamatrixEfficacy134ColourGrey RAL 7035Colour temperature4000 KType of light sourceLEDColour Rendering IndexCRI>80System power61 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10Thotboilogical Risk ClassRG0Weight (kg)4StandardEn60596-1; IEC 62778; IEC 62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-20° + +50°CRated frequency (Hz)50/60 HzMATERIALSDriver failure rateF10 = 100.00h rq25°C-Shield typeUV stabilised polycarbonateDriver failure rateF10 = 100.00h rq25°COpticPMMA lens insideControl SystemThrough wiring - On2OpticPMMA lens insideControl SystemThrough wiring - On2ColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorStandardCNC depsited sealantColling and installationCeiling - Wallmourting - SuspensionLocking HookIlight souce replaceabilityNon-replaceableDiver failure rateYingStailess steel supportClassificationLight souce replaceabilityNon-replaceableDiver graveFilingControl gear replaceabilityNon-replaceableDiver graveIlight souce replaceabilityNon-replaceable<	Context		Optic	Transparent with internal lens
Unique digital code (Datamatrix)       Datamatrix       Efficacy       134         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       SDCR #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*80 °C       Supply voltage       202-240 V         Operating temperature       -20° + 50°C       Rated frequency (Hz)       50/60 Hz         Shield type       UV stabilised polycarbonate       Driver failure rate       F10 = 100.000h ftq25°C         Optic       PMMA lens inside       Control System       Through wiring - 0n/Off         Gasket       CNC deposited sealat       Worting and installation       Ceiling - With fixing bracket         Colour       RAL7035 colored PC paste       Witing       With fixing bracket         Colour ender surface temperature       Yeas       Stainless steel support         Classification       - <td>Luminaire</td> <td>LED fixture for general lighting</td> <td>Unified Glare Rating</td> <td>-</td>	Luminaire	LED fixture for general lighting	Unified Glare Rating	-
Colour       Grey RAL 7035       Colour temperature       400 k         Type of light source       LED       Colour Rendering Index       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       ELETRICAL AND LIGHTING FEATURES       -         Stocking temperature       -25 +80 °C       Supply voltage       220-240 V         Operating temperature       -20° - +50°C       Rated frequency (Hz)       50/80 Hz       -         Body       Polycarbonate       Driver       Included       -         Shield type       UV stabilised polycarbonate       Overvoltage protection       DM 1KV / CM 2KV         Optic       PMMA lens inde       Control System       -       -         Colour       RAL7035 colored PC paste       Wiring       With GW connect watertight connector         Standard       Light source replaceability       Non-replaceable       Driver Ral203       -         Colour       RAL7035 colored PC paste       Wiring       With GW connect watertight connector <td< td=""><td colspan="2">Application Internal</td><td>Lumen output (Im)</td><td>8200</td></td<>	Application Internal		Lumen output (Im)	8200
Type of light sourceLEDColour Rendering IndexCRI>80System power61 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10(Tq25°C)=94.000hStandard Deviation Colour MatchingSDCM = 3Weight (kg)4Standard Deviation Colour MatchingRG09Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-20° + 50°CSupply voltage220-240 VOperating temperature-20° + 450°CRede frequency (Hz)50/60 HzMATERIALSDriverIncludedDriverIncludedSokatCNC deposited sealantDriver failure rateF10 = 100.000h Tq25°COpticPMMA lens insideCortrol SystemThrough wiring - 0n/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-TitWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Ligt source replaceabilityNon-replaceableDiN 18032-3 certificationNot availableDriver BoxBuilt inIPEA-Maximum surface exposed to the wind-IPEA-Maximum surface exposed to the wind-IP degreeIP66/IP69Maximum surface exposed to the windIP degreeIP66/IP69	Unique digital code (Datamatrix) Datamatrix			134
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       -         Stocking temperature       -26 + 80 °C       Supply voltage       -         Operating temperature       -20° - +50°C       Rated frequency (Hz)       50/60 Hz         Shield type       UV stabilised polycarbonate       Driver       Included         Shield type       UV stabilised polycarbonate       Overvoltage protection       DM 1KV / CM 2KV         Optic       PMMA lens inside       Control System       Through wiring - On/Off         Gasket       CNC deposited sealant       Nounting and installation       Ceiling - Wallmounting - Suspension         Colour       RAL7035 colored PC paste       Wiring       With GW connect watertight connector         Standard Deviability reduced surface temperature       Years       Eligh souce replaceability       Non-replaceable         Device with reduced surface temperature       Years       Fixing       Stainless steel support       Stainless steel support         Classification       Not available       Driver Box	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       RGO         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       -20° + 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       Control System       Through wiring - On/Off         Locking Hook       -       Mounting and installation       Ceiling - Wallmounting - Suspension         External screw       -       Tit       With GW connect watertight connector         Colour       RAL7035 colored PC paste       Wiring       With GW connect watertight connector         Stainless steel support       Fixing       Stainless steel support         Classification       -       Light souce replaceability       Non-replaceable         Device with reduce	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       -20° - +50°C       Rated frequency (Hz)       5060 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       Through wiring - On/Off         Locking Hook       -       Tilt       With fixing bracket         Colour       RAL7035 colored PC paste       Wiring       With GW connect waterlight connector         Standards       -       Tik       Non-replaceable         Device with reduced surface temperature       Yes       Cortrol gaar replaceability       Non-replaceable         Device with reduced surface temperature       Yes       Cortrol gaar replaceability       Non-replaceable         Device with reduced surface temperature       Yes       Cortrol gaar replaceability       Non-replaceable         Device with reduced surface temperature<	System power 61 W		Standard Deviation Colour Matching	SDCM = 3
Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature25 + 80 °CSupply voltage.200-240 VOperating temperature20° - +50°CRated frequency (Hz).50060 HzMATERIALS-DriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.000h Tq.25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticPMMA lens insideControl SystemThrough wiring - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWiringStainless steel supportStainless teel supportYesControl gear replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDiver BoxIlInstruction-IlIPEAIlMaximum surface exposed to the wind-IpegreeIP66/IP69Macincal resistanceIK08	LED Lifetime		Photobiological Risk Class	RG0
Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-20° - +50°CRated frequency (Hz)50/60 HzMATERIALS-DriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticPMMA lens insideControl SystemThrough wiring - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Walth fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDiv ReAIIVers BoxBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classIIMaximum surface exposed to the wind-IP degreeIP66/IP69Mechanical resistanceIK08	Weight (kg)	4	Standard	EN60598-1; IEC 62778; IEC62471
Operating temperature       -20° - +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 1KV / CM 2KV         Optic       PMMA lens inside       Control System       Through wiring - 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       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       -       -       Maximum surface exposed to the wind       -         IP degree       IP66/IP69       -       -       -       -       -	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       Through wiring - 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       -       -         IP degree       IP66/IP69       -       -         Mechanical resistance       IK08       -       -	Stocking temp	erature -25 +80 °C	Supply voltage	220-240 V
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Shield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticPMMA lens insideControl SystemThrough wiring - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith GW connect watertight connectorSTANDARDS AND APPROVALS-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDIN 18032-3 certification-IIMaimum surface exposed to the wind-IPEA-Maimum surface exposed to the windIP degreeIP66/IP69Mechanical resistanceIK08	MATERIALS -		Driver	Included
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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       -         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		Through wiring - On/Off
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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       -       -				
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       -       -			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	
IPEA     -     Maximum surface exposed to the wind     -       Insulation class     II     -       IP degree     IP66/IP69     -       Mechanical resistance     IK08     -				
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 -				-
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Glow Wire Test 850 °C -				-
	Glow Wire Test 850 °C			-

#### DIMENSIONAL





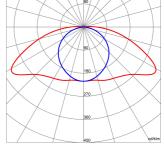
## TECHNICAL SYMBOLOGY

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PHOTOMETRIC DISTRIBUTION



# IP IK GWT IP66/IP69 IK08 850 °C

Data, measures, designs and pictures are for information purpose only, last update 16/05/2024. 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 GWS3322BB840 SMART [3] PLUS