Product Data Sheet GWS3322AC830

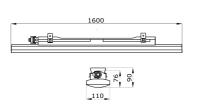
SMART [3] PLUS



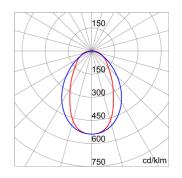
Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI \ge 80 and \ge 90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas Can replace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

| ContextLighting of warehouses, indoor parking and industrial production roomsOpticTransparent with intermal lensLuminaireLED fixture for general lightingUnified Glare RatingUGR ≤ 25 (4H/8H)ApplicationInternalLumen output (Im)6700Unique digital code (Datamatrix)DatamatrixEfficacy (ImW)146ColourGrey RAL 7035Colour temperature3000 kf (ImW)System power46 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90810(Tq25*C)=50.000h; L80B10(Tq25*C)=100.000h; L80B10Photobiological Risk ClassRG0Weight (kg)4Standard Deviation Colour MatchingSDCM = 3Veight (kg)5 yearsELETRICLA NAD LGHING FEATURES-Stocking temperature-25 +60 °CSupply voltage220-240 VOperating temperature-25 +60 °CRated frequency (Hz)50/60 HzMATERALS-Driver failure rateF10 = 100.000h Tq25°CSheld typeUV stabilised polycarbonateDriver failure rateF10 = 100.000h Tq25°CSheld typeUV stabilised polycarbonateOvervollage protectionDM 1KV / CM 2KVOpticPMAAL Nens insideControl SystemThrough With GW connect watertight connectorStandard ServerTitWith GW connect watertight connectorStandard ServerTitStanleas steel supportOpticCNC deposited sealantINSTALLATION AND MAINTENANCEColourRAL7035 colored PC pasteWith GW connect watertight connector <td< th=""><th>GENERAL INI</th><th>FORMATION -</th><th>OPTIC AND ILLUMINATING FEATURES</th><th>-</th></td<> | GENERAL INI | FORMATION - | OPTIC AND ILLUMINATING FEATURES | - |
|---|---|----------------------------------|-------------------------------------|--------------------------------------|
| Application Internal Lumen output (lm) 6700 Unique digital code (Datamatrix) Datamatrix Efficacy 146 Colour Grey RAL 7035 Colour Rendering Index CRI>80 System power LED Colour Rendering Index CRI>80 LED Lifetime L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10 Thotabilogical Risk Class RG0 Weight (kg) 4 Standard Deviation Colour Matching SDCM = 3 Warranty 5 years ELETRICAL AND LIGHTING FEATURES - Stocking 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 F10 = 100.000h Tq25°C Optic PMMA lens inside Control System Through wiring - Onzde No Optic PMMA lens inside Control System Through wiring - Onzde No Colour RAL7035 colored PC paste Tit With GW connect watertight connector Standard CNC deposited sealant Control System Through wiring - Onzde No Optic PMAL | Context | | Optic | Transparent with internal lens |
| Unique digital code (Datamatrix) Datamatrix Efficacy 146 Colour Grey RAL 7035 Colour temperature 3000 K Type of light source LED Colour temperature 3000 K System power 46 W Standard Deviation Colour Matching SDCR 8:3 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 Standard EN60598-1; IEC 62778; IEC62471 Operating temperature -25 +80 °C Supply voltage 2-240 V Operating temperature -25 +80 °C Rated frequency (Hz) 50/60 Hz Shield type UV stabilised polycarbonate Driver failure rate F10 = 100.000h Tq25°C Optic PMMA lens inside Control System Through wiring -0n/Off Gasket CNC deposited sealat Wourting and installation Ceiling - With fixing bracket Colour RAL7035 colored PC paste Witing With fixing bracket Colour ender surface temperature Yees Control System Stanlard Ceiling - With fixing bracket <td>Luminaire</td> <td>LED fixture for general lighting</td> <td>Unified Glare Rating</td> <td>UGR ≤ 25 (4H/8H)</td> | 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 Rendering Index CRI>80 System power 46 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 +80 °C Supply voltage 220-240 V Operating temperature -25 +50 °C Rated frequency (Hz) 50/60 Hz Included Body Polycarbonate Driver Included Driver Included Shield type UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV V Optic PMMA lens inde Mounting and installation Celling - Wallmounting - Suspension - Locking Hook Mounting and installation Celling - Wallmounting - Suspension - - Classification Titl With GW connect watertight co | Application Internal | | Lumen output (Im) | 6700 |
| Type of light sourceLEDColour Rendering IndexCRI>80System power46 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10(Tq25°C)=94.000hPhotobiological Risk ClassRG0Weight (kg)4Standard Deviation Colour MatchingSDCM = 3Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +50 °CRade frequency (Hz)50/60 HzMATERIALSDriverIncludedDriverIncludedSokatCNC deposited sealantCritol SystemThrough wring-Locking Hook-TitWith GW connect watertight connector-ColourRAL7035 colored PC pasteViringWith GW connect watertight connector-STANDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDivi RegreeIP66/IP69Driver BoxBuilt source exposed to the windIP degreeIP66/IP69 | Unique digital code (Datamatrix) Datamatrix | | | 146 |
| System power 46 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10(Tq25°C)=40.000h; (Tq50°C)=40.000h; (Tq50°C)=40.00h; (Tq50°C)=40.00h; (Tq50°C)=40.00h; (Tq50°C)=40.00h; (Tq50 | Colour | Grey RAL 7035 | Colour temperature | 3000 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)4StandardEN60598-1; IEC 62778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220-240 VOperating temperature-25 +60 °CSupply voltage220-240 VMATERIALS-DriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticPMMA lens insideControl SystemThrough wiring - On/OffGasketCNC deposite sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TitkWith fixing bracketColourRAL7035 colored PC pasteWiringWith GW connectorateStainless steel supportFixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDin K802-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-IPEA-Maximum surface exposed to the wind-IPEAIIMaximum surface exposed to the wind-IPedereeIIP66/IP69Mechanical resistanceIK0 | Type of light source LED | | Colour Rendering Index | CRI>80 |
| Weight (kg) 4 Standard EN60598-1; IEC 62778; | System power 46 W | | Standard Deviation Colour Matching | SDCM = 3 |
| Warranty5 yearsELETRICAL AND LIGHTING FEATURESStocking 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 SystemThrough wiring - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWitingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDiver BoxIlMaximum surface exposed to the wind-IPEAIP66/IP69Insulation classIIIP degreeIP66/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 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticPMMA lens insideControl SystemThrough wiring - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wath fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDiver BoxIIMaximum surface exposed to the windIpsdateIIIp degreeIP66/IP69Ik08IK08 | Weight (kg) | 4 | 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 DM1KV / CM 2KV Optic PMMA lens inside Control System Through wing - 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 waterligs tcennector STANDARDS AND APPROVALS Fixing Stainless teel support Control System 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 PMMA lens inside Control System Through wirin - 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 - Insulation class II - - IP degree IP66/IP69 - - Mechanical resistance IK08 - - | Stocking temperature -25 +80 | | Supply voltage | 220-240 V |
| BodyPolycarbonateDriver 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 - 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 | | | 50/60 Hz |
| 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 INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation Ceiling - Wallmouting - 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 - Maximum surface exposed to the wind - IPEA - Maximum surface exposed to the wind - II II - - - IPegee IP66/IP69 - - - Mechanical resistance IK08 - - | MATERIALS - | | Driver | Included |
| OpticPMMA lens insideControl 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-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-IIIIIIIP 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 - 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 insi | | | Through wiring - 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 | | | | - |
| 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 - - | | | | |
| 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 - | | 0 | |
| 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 - | | | | - |
| | IP degree IP66/IP69 | | | - |
| 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 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 GWS3322AC830

SMART [3] PLUS



