

Product Data Sheet GWS3220ET857

SMART [3]e



Smart [3]e is a watertight fixture IP66/69 with Mid power LED with wire bording, available in 4000K,5700K, with CRI ≥80. IK08 body in RAL7035 colored self-exhausting polycarbonate, for industrial applications and ideal for production areas, warehouses, logistics areas and design to replace fluorescent devices and lowbay up to 6,500lm. Available in sizes 800 e 1200mm, powers from 34W to 52W, flux range from 3.700lm to 6.300lm, with integrated Power On/Off and 2 different optical solutions UV-stabilized self-extinguishing polycarbonate, in opal or trasparent finish. The version with passing wiring has mechanical and electrical connection components prewired, with up to 25 fixtures installed in a continuous row. The device can be hung or wall mounted and is available a GW bracket accessories with a tilt of 30° or 45° on the vertical axis. Available also with an emergency kit version.

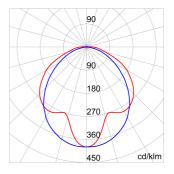
| Context Lighting of warehouses, indoor parking and industrial production rooms production rooms of produc | GENERAL INFORMATION - | | OPTIC AND ILLUMINATING FEATURES - | |
|--|--------------------------------|-----------------------------|---------------------------------------|--------------------------------------|
| Luminaire LED fixture for general lighting Application Unified Glare Rating ———————————————————————————————————— | Context Li | | Optic | Microprismatic transparent |
| Application Internal Unique digital code (Datamatrix) Lumen output (Im) 6300 Unique digital code (Datamatrix) Datamatrix Efficacy (Im/W) 121 Colour Grey RAL 7035 Colour temperature 5700 K Type of light source EED LO Colour Rendering Index CR1-80 System power L80B20(Tq25°C)=90.000h - L80B20 (Tq40°C)=50.000h To Rendering Index SDCM=3 LED Lifetime L80B20(Tq25°C)=90.000h - L80B20 (Tq40°C)=50.000h To Standard Deviation Colour Matching SDCM=3 Weight (kg) 5 years Standard Deviation Colour Matching SDCM=3 Weight (kg) 5 years Standard Deviation Colour Matching SDCM=3 Weight (kg) 5 years Standard Deviation Colour Matching SDCM=3 Weight (kg) 5 years Standard Deviation Colour Matching SDCM=3 Warranty 5 years Standard Deviation Colour Matching SDCM=3 Warranty 5 years Standard Deviation Colour Matching SDCM=58-1; IEC 62778; IEC 62771 Marchall (kg) 6 years ELETICAL AND LIGHTING FEATURES ELETICAL FEATURES Match | | | | |
| Unique digital code (Datamatrix) Datamatrix (im/W) Efficacy (im/W) 121 Colour Grey RAL 7035 Colour temperature 5700 K Type of light source LED Colour Rendering Index CRI>80 System power 52 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L80B20(Tq25°C)=90.000h - L80B20 (Tq40°C)=50.000h Photobiological Risk Class EN60598-1; IEC 62778; IEC 62471 Weight (kg) 5 years ELETRICAL AND LIGHTING FEATURES ESTRICAL AND LIGHTING FEATURES 20 - 240 V Stocking temperature -25 +40 °C Supply voltage 220 - 240 V Operating temperature -25 +40 °C Rate (requency (Hz) Included Body Polycarbonate Driver Included Body UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV Optic Integrated in the screen Control System Stand Alone - On / Off Gasket CNC deposited sealard Mounting and installation Ceiling - Wallmounting - Suspension External screw CNC deposited sealard Wirring With Gw connect waterlight c | | | 9 | <u>-</u> |
| | | | 1 \ / | |
| Type of light source LED System power Colour Rendering Index CRI>80 System power L80B20(Tq25°C)=90.000h - L80B20 (Tq40°C)=50.000h Standard Deviation Colour Matching SDCM = 3 Weight (kg) 2 Standard Deviation Colour Matching EN60598-1; IEC 62778; IEC62471 Warrantly 5 years Standard Deviation Colour Matching EN60598-1; IEC 62778; IEC62471 Stocking temperature -25 +80 °C Supply voltage 220 - 240 V Operating temperature -25 +40 °C Rated frequency (Hz) 50/60 Hz MATERIALS - Driver Included Body Polycarbonate Driver failure rate F10 = 90.000 h a Tq 25°C/F10 = 50.000 h a Tq 40°C Shield type UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV Optic Integrated in the screen Cntrol System Stand Alone - On / Off Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE Stand Alone - On / Off Locking Hook - INSTALLATION AND MAINTENANCE Wiring and installation Ceiling - Wallmounting - Suspension STANDARDS AND APPROVALS Fixing | Unique digital code (Datamatri | x) Datamatrix | | 121 |
| System power System power System power L80B20(Tq25°C)=90.000h - L80B20 Photobiological Risk Class System class Standard Deviation Colour Matching SDCM = 3 | Colour | Grey RAL 7035 | Colour temperature | 5700 K |
| LED Lifetime L80B20(Tq25°C)=90.000h - L80B20 (Tq40°C)=50.000h Photobiological Risk Class - Weight (kg) 2 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 +40 °C Rated frequency (Hz) 50/60 Hz Body Polycarbonate Driver Included Body Polycarbonate Driver failure rate F10 = 90.000 h a Tq 25°C/F10 = 50.000 h a Tq 40°C 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 Mounting and installation Ceiling - Wallmounting - Suspension External screw - Tilt With GW connect watertight connector Classification RAL7035 colored PC paste Wirning With GW connect watertight connector STANDARDS AND APPROVALS Fixing Stainless steel support Classification < | Type of light source | LED | Colour Rendering Index | CRI>80 |
| Control System Cont | System power | 52 W | Standard Deviation Colour Matching | SDCM = 3 |
| Warranty | LED Lifetime | | Photobiological Risk Class | - |
| Stocking temperature -25 +80 °C Supply voltage 220 - 240 V Operating temperature -25 +40 °C Rated frequency (Hz) 50/60 Hz MATERIALS - Driver Driver Included Body Polycarbonate Driver failure rate F10 = 90.000 h a Tq 25°C/F10=50.000 h a Tq 40°C 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 - INSTALLATION AND MAINTENANCE External screw - Mounting and installation Ceiling - Wallmounting - Suspension External screw 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 DIN 18032-3 certification Not available Driver Box Built-in IPEA Maximum surface exposed to the wind - IP degree | Weight (kg) | 2 | Standard | EN60598-1; IEC 62778; IEC62471 |
| Operating temperature -25 +40 °C Rated frequency (Hz) 50/60 Hz MATERIALS Driver Included Body Polycarbonate Driver failure rate F10 = 90.000 h a Tq 25°C/F10=50.000 h a Tq 40°C 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 - External screw - 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 DIN 18032-3 certification Not available Driver Box Built-in IPEA - Maximum surface exposed to the wind - Insulation class II Maximum surface exposed to the wind - IP degree IP66/IP69 - - Mechanical resistance IK08 - - | Warranty | 5 years | ELETRICAL AND LIGHTING FEATU | RES - |
| MATERIALS - Driver Included Body Polycarbonate Driver failure rate F10 = 90.000 h a Tq 25°C/F10 = 50.000 h a Tq 40°C 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 GW connect watertight connector Colour RAL7035 colored PC paste Wiring With GW connect watertight connector STANDARDS AND APPROVALS - Fixing Stanless 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 | Stocking temperature | -25 +80 °C | Supply voltage | 220 - 240 V |
| Body Polycarbonate Polycarbonate Shield type UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV Optic Integrated in the screen Casket CNC deposited sealant Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension External screw - Tilt With GW connect watertight connector STANDARDS AND APPROVALS - Tilt Signature Standard Stand | Operating temperature | -25 +40 °C | Rated frequency (Hz) | 50/60 Hz |
| Shield type UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV Optic Integrated in the screen Gasket CNC deposited sealant Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension External screw - Tilt Wing With fixing bracket Colour RAL7035 colored PC paste Wing With GW connect watertight connector STANDARDS AND APPROVALS - Fixing Stainless steel support Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature Psi Controlgear replaceability Non-replaceable DIN 18032-3 certification Not available IPEA - Maximum surface exposed to the wind - Insulation class II P66/IP69 - IP66/IP69 - IR06 | MATERIALS | - | Driver | Included |
| 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 GW connect watertight connector 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 II IP degree IP66/IP69 - - Mechanical resistance IK08 - - | Body | Polycarbonate | Driver failure rate | |
| Gasket CNC deposited sealant Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension External screw - Tilt Wiring 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 IP66/IP69 - IP66/IP69 | Shield type | UV stabilised polycarbonate | Overvoltage protection | DM 1KV / CM 2KV |
| Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension External screw - Tilt With GW connect waterlight connector Colour RAL7035 colored PC paste Wiring With GW connect waterlight 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 Maximum surface exposed to the wind - IP degree IP66/IP69 - - Mechanical resistance IK08 - - | Optic | Integrated in the screen | Control System | Stand Alone - 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 classII-IP degreeIP66/IP69-Mechanical resistanceIK08- | Gasket | CNC deposited sealant | INSTALLATION AND MAINTENANC | Е - |
| 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 | Locking Hook | - | Mounting and installation | Ceiling - Wallmounting - Suspension |
| STANDARDS 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/IP69-Mechanical resistanceIK08- | External screw | - | Tilt | With fixing bracket |
| 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 APPROVA | ALS - | 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 - | Device with reduced surface to | emperature 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 - | IPEA - | | Maximum surface exposed to the wind - | |
| Mechanical resistance IK08 - | Insulation class | II | | - |
| | IP degree | IP66/IP69 | | - |
| Glow Wire Test 850 °C - | Mechanical resistance | IK08 | | - |
| | Glow Wire Test | 850 °C | | - |

DIMENSIONAL





PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY















IΡ

GWT

ΙK IP66/IP69 IKU8 850 °C



STANDARDS/APPROVALS

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