# Product Data Sheet

# GWS3118TD

On request

Smart [3] is a watertight fixture IP66/69 with Flip Type LED without wire bording, available in 3000K,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, 1200, 1600mm, powers from 18W to 58W, flux range from 1.700lm to 6.500lm, with integrated Power On/Off or DALI 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.

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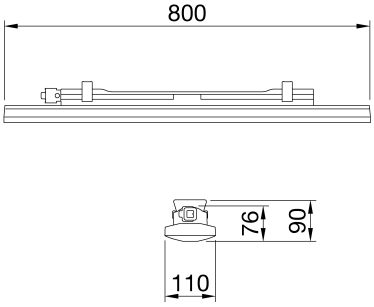
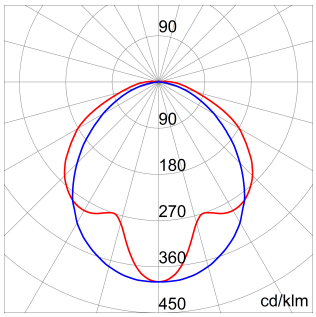
|---|---|---|---|
| **GENERAL INFORMATION** | - | **OPTIC AND ILLUMINATING FEATURES** | - |
| Context | Lighting of warehouses, indoor parking and industrial production rooms | Optic | Microprismatic transparent |
| Luminaire | LED fixture for general lighting | Unified Glare Rating | UGR ≤ 25 (4H/8H) |
| Application | Internal | Lumen output (lm) | 1700 |
| Unique digital code (Datamatrix) | Datamatrix | Efficacy (lm/W) | 113 |
| Colour | Grey (RAL 7035) | Colour temperature | 4000 K |
| Type of light source | LED | Colour Rendering Index | CRI>80 |
| System power | 15 W | Standard Deviation Colour Matching | SDCM = 3 |
| LED Lifetime | L90B10(Tq25°C)=60.000h; L80B10(Tq25°C)=125.000h; L80B10 (Tq50°C)=99.000h | Photobiological Risk Class | RG0 |
| Weight (kg) | 1.5 | 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 +50 °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 screen | Control System | Stand Alone - DALI |
| 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 | - |
| Insulation class | II | | - |
| IP degree | IP66/IP69 | | - |
| Mechanical resistance | IK08 | | - |
| Glow Wire Test | 850 °C | | - |

## DIMENSIONAL




## PHOTOMETRIC DISTRIBUTION




## TECHNICAL SYMBOLOGY

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| IP | IK | GWT |
|---|---|---|
| IP66/IP69 | IK08 | 850 °C |

Data, measures, designs and pictures are for information purpose only, last update 27/07/2024. 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

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## STANDARDS/APPROVALS