

# Product Data Sheet

## GWS3321AP830

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  $\geq 80$  and  $\geq 90$ . 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.

| GENERAL INFORMATION                     |   | OPTIC AND ILLUMINATING FEATURES     |                                      |
|---|---|-------------------------------------|--------------------------------------|
| Context                                 | Lighting of warehouses, indoor parking and industrial production rooms  | Optic                               | Wide opal                            |
| Luminaire                               | LED fixture for general lighting  | Unified Glare Rating                | UGR $\leq 25$ (4H/8H)                |
| Application                             | Internal  | Lumen output (lm)                   | 6800                                 |
| Unique digital code (Datamatrix)        | Datamatrix  | Efficacy (lm/W)                     | 136                                  |
| Colour                                  | Grey RAL 7035   | Colour temperature                  | 3000 K                               |
| Type of light source                    | LED   | Colour Rendering Index              | CRI $> 80$                           |
| System power                            | 50 W  | Standard Deviation Colour Matching  | SDCM = 3                             |
| LED Lifetime                            | L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10(Tq50°C)=94.000h | Photobiological Risk Class          | RG0                                  |
| Weight (kg)                             | 3.8   | Standard                            | EN60598-1; IEC 62778; IEC62471       |
| Warranty                                | 5 years   | ELECTRICAL 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 source 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



**IP**  
IP66/IP69

**IK**  
IK08

**GWT**  
850 °C

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STANDARDS/APPROVALS

