

# Product Data Sheet

## GWS4120GP840

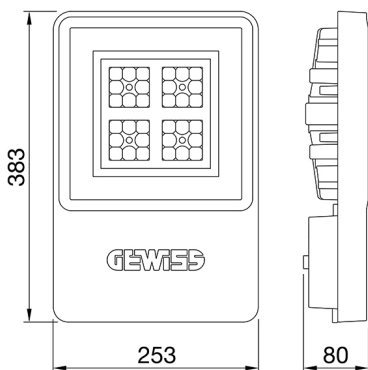
SMART [4]



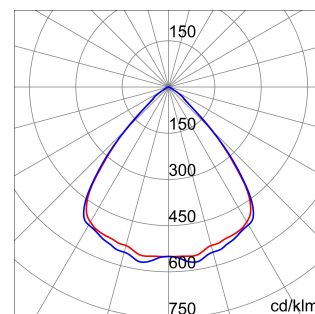
Smart [4] UL is the series of indoor LED lighting devices suitable for lighting of industries and sports facilities. Three different sizes available: 1M, 2M and 4M. The body is made of nylon "Halogen-free" loaded with gray fiberglass (RAL7035) with venting and anti-condensation device, aluminum alloy heat dissipation device EN AB 44300. It is equipped with a double optical system that provides a metallic reflector with ARRAY optics and a metallic reflector with PMMA lenses stabilized at the UV, high efficiency, which allow two different light distributions 60° and 90°. The electrical connection will be via 3x16 AWG tear-proof cable coming out of the product via a PG13.5 plastic cable gland UL certified. Industrial reflector is UL certified UL (UL 1598 - CSA C22.2 No. 250.0-18). It is possible to install hanging, wall and projection devices. It is available with three types of Colour Temperature (4000K / 5700K), CRI>80 Colour Rendering Index and ON/OFF power supply.

| GENERAL INFORMATION                     |   | OPTIC AND ILLUMINATING FEATURES        |  |
|---|---|--|--|
| Context                                 | Logistics and industrial manufacturing lighting   | Optic                                  | 90°  |
| Luminaire                               | LED Industrial Reflector                          | Unified Glare Rating                   | UGR ≤ 25   |
| Application                             | Internal  | Lumen output (lm)                      | 9900   |
| Unique digital code (Datamatrix)        | Datamatrix  | Efficacy (lm/W)                        | 152  |
| Colour                                  | Grey RAL 7035                                     | Colour temperature                     | 4000 K   |
| Type of light source                    | LED   | Colour Rendering Index                 | CRI>80   |
| System power                            | 65 W  | Standard Deviation Colour Matching     | SDCM = 3   |
| LED Lifetime                            | L90B10(Tq25°C)>150.000h; L90B10 (Tq40°C)=140.000h | Photobiological Risk Class             | RG0  |
| Weight (kg)                             | 3.5   | Standard                               | UL 1598 - CSA C22.2 No. 250.0-18   |
| Warranty                                | 5 years   | <b>ELETRICAL AND LIGHTING FEATURES</b> |  |
| Stocking temperature                    | -   | Supply voltage                         | 120-277 V  |
| Operating temperature                   | -25°C ÷ +40 °C                                    | Rated frequency (Hz)                   | 50/60 Hz   |
| <b>MATERIALS</b>                        |   | Driver                                 | Included   |
| Body                                    | PA6 "Halogen Free" loaded fibreglass              | Driver failure rate                    | F10=100.000h Tq25°C/50.000h Tq40°C   |
| Shield type                             | Tempered glass Thickness 4mm                      | Overvoltage protection                 | DM 6 kV / CM 10 kV   |
| Optic                                   | Metallic PC reflector and PMMA lenses             | Control System                         | ON / OFF   |
| Gasket                                  | anti-aging silicone                               | <b>INSTALLATION AND MAINTENANCE</b>    |  |
| Locking Hook                            | -   | Mounting and installation              | Ceiling - Wallmounting - Suspension  |
| External screw                          | Stainless steel                                   | Tilt                                   | With bracket accessory   |
| Colour                                  | Grey RAL 7035                                     | Wiring                                 | Single wiring with anti-breathing cable exiting metallic PG (NO Connector) |
| <b>STANDARDS AND APPROVALS</b>          |   | Fixing                                 | -  |
| Classification                          | -   | Light source replaceability            | By professional  |
| Device with reduced surface temperature | Yes   | Controlgear replaceability             | By professional  |
| DIN 18032-3 certification               | -   | Driver Box                             | Built-in   |
| IPEA                                    | -   | Maximum surface exposed to the wind    | 0,097 m²   |
| Insulation class                        | I   | -                                      | -  |
| IP degree                               | IP66  | -                                      | -  |
| Mechanical resistance                   | IK08  | -                                      | -  |
| Glow Wire Test                          | 850 °C  | -                                      | -  |

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



### TECHNICAL SYMBOLOGY



IP  
IP66

IK  
IK08

GWT  
850 °C

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### STANDARDS/APPROVALS

