

Product Data Sheet GWS4123BH857

SMART [4]

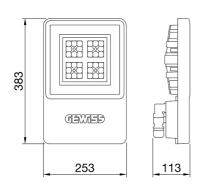


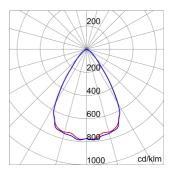
Smart [4] is a series of LED indoor appliances suitable for the lighting of industries and sports facilities. It is available in HE (High Efficiency), HLO (High Lumen Output) and integrated DALI Emergency. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded with grey glass fibre (RAL7035) with vent and anti-condensation device, heat dissipation device in aluminium alloy EN AB 44300. It is equipped with a dual optical system that includes a metallic reflector with ARRAY optics and a metallic reflector with UV stabilized PMMA lenses, with high efficiency, which allow a wide variety of light distributions 30°, 60°, 90°, Asymmetric and Elliptical. The version with through wiring has pre-wired mechanical and electrical connection components. Suspension, wall and projection appliances can be installed. It is available with three types of Colour Temperature (3000K / 4000K / 5700K), Color Rendering Index CRI>80 and two power supply options (ON/OFF or DALI).

Context Logistics and industrial manufacturing lighting Optic 60 Luminaire LED Industrial Reflector Unified Glare Rating UGR ≤ 2 Application Internal Lumen output (Im) 990 Unique digital code (Datamatrix) Datamatrix Efficacy (Im/W) 15 Colour Grey RAL 7035 Colour temperature 5700 Type of light source LED Colour Rendering Index CRI>8 System power 64 W Standard Deviation Colour Matching SDCM = LED Lifetime L90B10(Tq25°C)>150.000h; L90B10 Photobiological Risk Class EN 60598-1; EN 60598-2-1; EI 60598-2-1; EI 60598-2-1; EI 60598-2-2 Warranty 5 years ELETRICAL AND LIGHTING FEATURES Stocking temperature 40 +70 °C Supply voltage 220 - 240 Operating temperature -30°C +50°C Rated frequency (Hz) 50/60 H MATERIALS - 0°C +50°C PA6 "Halogen Free" loaded fibreglass Driver failure rate F10 = 100.000h Tq25°C/50.000h Tq50°C/50.000h Tq50°C/50.000
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System power 64 W LED Lifetime Standard Deviation Colour Matching (Tq25°C)>150.000h; L90B10 (Tq50°C)=100.000h) Standard Deviation Colour Matching (Tq50°C)=100.000h SDCM = Photobiological Risk Class RG Weight (kg) 3.5 Standard EN 60598-1; EN 60598-2-1; EI 60598-2-1; EI 60598-2-2 Warranty 5 years ELETRICAL AND LIGHTING FEATURES Stocking temperature -40 +70 °C Supply voltage 220 - 240 °C Operating temperature -30°C ÷ +50 °C Rated frequency (Hz) 50/60 H MATERIALS - Driver Include Body PA6 "Halogen Free" loaded fibreglass Driver failure rate F10 = 100.000h Tq25°C/50.000h Tq50°c Shield type Tempered glass Thickness 4mm Overvoltage protection DM 6 kV / CM 10 k Optic Metallic PC reflector and PMMA lenses Control System 1 x DALI DT Gasket anti-aging silicone INSTALLATION AND MAINTENANCE Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension
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Optic Metallic PC reflector and PMMA lenses Control System 1 x DALI DT Gasket anti-aging silicone INSTALLATION AND MAINTENANCE Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension
Gasket anti-aging silicone INSTALLATION AND MAINTENANCE Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension
Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension
External screw Stainless steel Tilt With bracket accessor
Colour Grey RAL 7035 Wiring With GW connect watertight connected.
STANDARDS AND APPROVALS - Fixing
Classification - Light souce replaceability By professions
Device with reduced surface temperature Yes Controlgear replaceability By professions
DIN 18032-3 certification Available (under certain installation conditions) Driver Box Built-i
IPEA - Maximum surface exposed to the wind 0,097 m
Insulation class
IP degree IP66
Mechanical resistance IK08
Glow Wire Test 850 °C

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION





TECHNICAL SYMBOLOGY













IP IP66 IK IK08 **GWT** 850 °C



STANDARDS/APPROVALS

UK CA ∰3 ∰3 (€ Product Data Sheet GWS4123BH857