Product Data Sheet GWS4124BH840

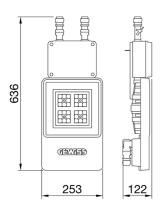
SMART [4]



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).

output (Im) Unique digital code (Datamatrix) Datamatrix Efficacy (Im/W) Colour Grey RAL 7035 Colour temperature Type of light source LED System 64 W (+5W Emerg.) Standard Deviation Colour Matching power LED Lifetime L90B10(Tq25°C)>150.000h; L90B10 (Tq40°C)=140.000h Weight (kg) 5 Standard ELETRICAL AND LIGHTING FEATURES	60° UGR ≤ 25 0 (950 Em.) 155 4000 K CRI>80 SDCM = 3 RG0
Application Internal Lumen 990 Unique digital code (Datamatrix) Datamatrix Efficacy (Im/W) (Im/W) 990 Colour Grey RAL 7035 Colour temperature (Im/W) 990 Colour Grey RAL 7035 Colour temperature (Im/W) 990 Type of light source LED Colour temperature (Im/W) 990 System 64 W (+5W Emerg.) Standard Deviation Colour Matching 990 power LED Colour Rendering Index 100000 1000000 1000000 10000000 1000000000000000000000000000000000000	0 (950 Em.) 155 4000 K CRI>80 SDCM = 3
output (Im) Unique digital code (Datamatrix) Datamatrix Efficacy (Im/W) Efficacy (Im/W) Colour Grey RAL 7035 Colour temperature Colour Rendering Index System 64 W (+5W Emerg.) Standard Deviation Colour Matching power - LED Lifetime L90B10(Tq25°C)>150.000h; L90B10 (Tq40°C)=140.000h Photobiological Risk Class Weight (kg) 5 Standard Warranty 5 years ELETRICAL AND LIGHTING FEATURES Stocking temperature -40 +70 °C Supply voltage	155 4000 K CRI>80 SDCM = 3
(Im/W) Colour Grey RAL 7035 Colour temperature Type of light source LED Colour Rendering Index System 64 W (+5W Emerg.) Standard Deviation Colour Matching power LED Lifetime L90B10(Tq25°C)>150.000h; L90B10 (Tq40°C)=140.000h Photobiological Risk Class Weight (kg) 5 Standard EN 60598-2-22 ; EN 60 Warranty 5 years ELETRICAL AND LIGHTING FEATURES Stocking temperature -40 +70 °C Supply voltage	4000 K CRI>80 SDCM = 3
Type of light source LED Colour Rendering Index System 64 W (+5W Emerg.) Standard Deviation Colour Matching power L90B10(Tq25°C)>150.000h; L90B10 Photobiological Risk Class LED Lifetime L90B10(Tq25°C)>150.000h; L90B10 Photobiological Risk Class Weight (kg) 5 Standard Warranty 5 years ELETRICAL AND LIGHTING FEATURES Stocking temperature -40 +70 °C Supply voltage	CRI>80 SDCM = 3
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Stocking temperature -40 +70 °C Supply voltage)598-1 ; EN 60598-2-24
	-
	220 - 240 V
	50/60 Hz
MATERIALS - Driver	Included
Body PA6 "Halogen Free" loaded fibreglass Driver failure rate F10 = 100.000h Tq25°C/50.00	00h 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 1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h)
Gasket anti-aging silicone INSTALLATION AND MAINTENANCE	-
Locking Hook - Mounting and installation Ceiling light -	Suspension
External screw Stainless steel Tilt	-
Colour Grey RAL 7035 Wiring With GW connect watertigh	t connector
STANDARDS AND APPROVALS - Fixing	-
Classification - Light souce replaceability By	orofessional
Device with reduced surface temperature Yes Controlgear replaceability By	orofessional
DIN 18032-3 certification - Driver Box	Built-in
IPEA - Maximum surface exposed to the wind	0,140 m²
Insulation class	-
IP degree IP65	-
Mechanical resistance IK08	
Glow Wire Test 850 °C	-

DIMENSIONAL



TECHNICAL SYMBOLOGY









Data, measures, designs and pictures are for information purpose only, last update 20/04/2023. 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

PHOTOMETRIC DISTRIBUTION

200

200

400

600

1000

cd/klm

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STANDARDS/APPROVALS



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