

# Product Data Sheet

## GWS4423BH840

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).

GENERAL INFORMATION		OPTIC AND ILLUMINATING FEATURES	
Context	Lighting for industries and large sports facilities	Optic	60°
Luminaire	LED Industrial Reflector	Unified Glare Rating	UGR ≤ 22
Application	Internal	Lumen output (lm)	39600
Unique digital code (Datamatrix)	Datamatrix	Efficacy (lm/W)	157
Colour	Grey RAL 7035	Colour temperature	4000 K
Type of light source	LED	Colour Rendering Index	CRI>80
System power	253 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10 (Tq+25°C) = 100.000 h - L90B10 (Tq+50°C) = 50.000 h	Photobiological Risk Class	RG0
Weight (kg)	13.5	Standard	EN 60598-1 ; EN 60598-2-1 ; EN 60598-2-24
Warranty	5 years	ELETRICAL AND LIGHTING FEATURES	
Stocking temperature	-40 +70 °C	Supply voltage	220 - 240 V
Operating temperature	-30°C ÷ +50 °C	Rated frequency (Hz)	50/60 Hz
MATERIALS		Driver	Included
Body	PA6 "Halogen Free" loaded fibreglass	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	Gasket	anti-aging silicone
INSTALLATION AND MAINTENANCE		Locking Hook	-
Mounting and installation	Ceiling - Wallmounting - Suspension	External screw	Stainless steel
Tilt	With bracket accessory	Colour	Grey RAL 7035
Wiring	With GW connect watertight connector	STANDARDS AND APPROVALS	
Fixing	-	Classification	-
Light source replaceability	By professional	Device with reduced surface temperature	Yes
Controlgear replaceability	By professional	DIN 18032-3 certification	With Bracket - Rope Kit + terminal (in approval)
Driver Box	Built-in	IPEA	-
Maximum surface exposed to the wind	0,350 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

