

Product Data Sheet

GWS4423BQ840

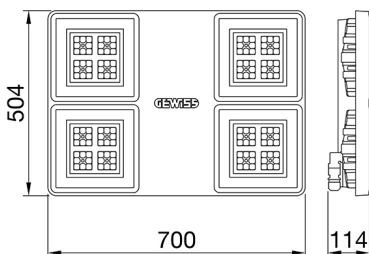
SMART [4]



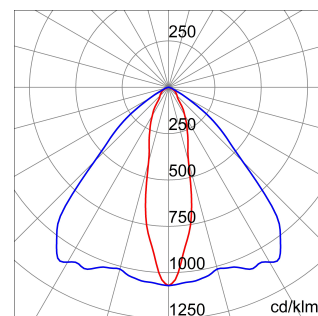
Smart [4] is a series of LED indoor appliances suitable for the lighting of industries and sports facilities. It is available in HE (High Efficiency), HLO (High Lumen Output) and integrated DALI Emergency. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded 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	Elliptical
Luminaire Application	LED Industrial Reflector Internal	Unified Glare Rating	-
Unique digital code (Datamatrix)	Datamatrix	Lumen output (lm)	36800
Colour	Grey RAL 7035	Efficacy (lm/W)	145
Type of light source	LED	Colour temperature	4000 K
System power	253 W	Colour Rendering Index	CRI>80
LED Lifetime	L90B10 (Tq+25°C) = 100.000 h - L90B10 (Tq+50°C) = 50.000 h	Standard Deviation Colour Matching	SDCM = 3
Weight (kg)	13.5	Photobiological Risk Class	RG0
Warranty	5 years	Standard	EN 60598-1 ; EN 60598-2-1 ; EN 60598-2-24
Stocking temperature	-40 +70 °C	ELETRICAL AND LIGHTING FEATURES	
Operating temperature	-30°C ÷ +50 °C	Supply voltage	220 - 240 V
MATERIALS		Rated frequency (Hz)	50/60 Hz
Body	PA6 "Halogen Free" loaded fibreglass	Driver	Included
Overvoltage protection	DM 6 kV / CM 10 kV	Shield type	Tempered glass Thickness 4mm
Control System	1 x DALI DT6	Optic	Metallic PC reflector and PMMA lenses
INSTALLATION AND MAINTENANCE		Gasket	anti-aging silicone
Mounting and installation	Ceiling - Wallmounting - Suspension	Locking Hook	-
Tilt	With bracket accessory	External screw	Stainless steel
Wiring	With GW connect watertight connector	Colour	Grey RAL 7035
Fixing	-	STANDARDS AND APPROVALS	
Light source replaceability	By professional	Classification	-
Controlgear replaceability	By professional	Device with reduced surface temperature	Yes
Driver Box	Built-in	DIN 18032-3 certification	With Bracket - Rope Kit + terminal (in approval)
Maximum surface exposed to the wind	0,350 m²	IPEA	-
	-	Insulation class	I
	-	IP degree	IP66
	-	Mechanical resistance	IK08
	-	Glow Wire Test	850 °C
	-		

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



0,350 m²



IP
IP66

IK
IK08

GWT
850 °C

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STANDARDS/APPROVALS

