

Product Data Sheet GWS4421BA840

SMART[4]



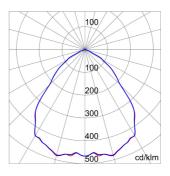
Smart [4] is a series of LED indoor appliances suitable for the lighting of industries and sports facilities. It is available in HE (High Efficiency), HLO (High Lumen Output) and integrated DALI Emergency. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded 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).

Luminaire	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEATURES	-
Toepassing	Context		Optiek	Array
Unique digital code (Datamatrix)	Luminaire	LED Industrial Reflector	Unified Glare Rating	UGR ? 25
Datamatrix Carrige AL 7035	Toepassing	Intern		39600
Material			<u> </u>	
	Unique digital code (Datamatrix)	Datamatrix		157
System vermogen LED Lifetime	Kleur	Grijs RAL 7035		4000 K
vérmogen LED Lífetime L90B10(Tq25°C)>150.000h; L90B10(Tq50°C)=100.000h Photobiological Risk Class RGC Gewicht (kg) 13.5 (kg) Standaard EN 60598-1; EN 60598-2-1; EN 6059	Type lichtbron	LED	Colour Rendering Index	CRI>80
LED Lifetime L90B10(Tq25°C)>150.000h; L90B10(Tq50°C)=100.000h; L90B10(T	System	253 W	Standard Deviation Colour Matching	SDCM = 3
Gewicht 13.5 Standaard EN 60598-1; EN 60598-2-1; EN 60598-2-2 (Kg) Standaard EN 60598-1; EN 60598-2-1; EN 60598-2-1; EN 60598-2-2 (Kg) Standaard EN 60598-1; EN 60598-2-1; EN 60598-2-2 (Kg) Standaard EN 60598-1; EN 60598-2-1; EN 60598-2-1; EN 60598-2-2 (Kg) Standaard EN 60598-1; EN 60598-1; EN 60598-2-1; EN 60598-2-	vermogen		•	
(kg) Garantie 5 jaar Opslagtemperatuur -40 +70 °C Voedings-spanning Operating temperature -30 °C ÷ +50 °C Nominale frequentie (Hz) MATERIALS -76 °C Halogen Free" loaded fibreglass Type plaat Tempered glass Thickness 4mm Optic Metallized polycarbonate reflector Gasket anti-aging silicone Locking Hook -76 °C Roteral screw Grijs RAL 7035 Colour Grijs RAL 7035 Classificering With Bracket - Rope Kit + terminal (in Driver Box Divier Box ELETRICAL AND LIGHTING FEATURES Voedings-spanning Nominale frequentie (Hz) Driver failure rate F10 = 100.000h Tq25°C/50.000h Tq50°C Control System Installation Ceiling - Wallmounting - Suspension Mounting and installation With GW connect watertight connector water of the control system F10 = 100.000h Tq25°C/50.000h Tq50°C External screw Control system Installation Ceiling - Wallmounting - Suspension With GW connect water of the control system F10 = 100.000h Tq25°C/50.00h Tq50°C External screw Receive F10 = 100.000h Tq25°C/50.00h Tq50°C Control System F10 = 100.000h Tq25°C/50.00h Tq50°C External screw Receive F10 = 100.000h Tq25°C/50.00h Tq50°C Control System F10 = 100.000h Tq25°C/50.00h Tq50°C External screw Receive F10 = 100.000h Tq50°C Control System F10 = 100.000h Tq50°C External screw F10 = 100.000h Tq50°C Control System F10 = 100.000h Tq50°C External screw F10 = 100.000h Tq50°C Control System F10 = 100.000h Tq50°C External screw F10 = 100.	LED Lifetime		Photobiological Risk Class	RG0
Garantie 5 jaar Chemostrum 6 j		13.5	Standaard	EN 60598-1 ; EN 60598-2-1 ; EN 60598-2-
Operating temperature	(kg)			24
Operating temperature -30°C ÷ +50 °C Nominale frequentie (Hz) MATERIALS - PA6 "Halogen Free" loaded fibreglass Type plaat Tempered glass Thickness 4mm Overvoltage protection Driver 1 x DALI DT6 Gasket anti-aging silicone External screw Roestvrij staal Colour Grijs RAL 7035 Wiring With GW connect watertight connecto STANDARDS AND APPROVALS - Bevestiging Classificering Gibbs And Approvals Control System Servel Stay Stay Stay Stay Stay Stay Stay Stay	Garantie	•		
Operating temperature -30°C ÷ +50 °C frequentie (Hz) MATERIALS -50river -50river -50river failure rate -50 operating temperature -50 operating teach temperature -50 operating teach temperature -50 operating teach teach temperature -50 operating teach tea	Opslagtemperatuur	-40 +70 °C		220 - 240 V
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oppervlaktetemperatuur DIN 18032-3-certificering With Bracket - Rope Kit + terminal (in Driver Box Ingebouwc		-		
			Controlgear replaceability	By professional
	DIN 18032-3-certificering		Driver Box	Ingebouwd
IPEA - Maximum surface exposed to the wind 0,350 m	IPEA	-	Maximum surface exposed to the wind	0,350 m²
Isolatie-	Isolatie-	1		-
klasse				
IP-	IP-	IP66		-
graad	graad			
Stoot- IK08		IK08		-
bestendigheid				
Glow Wire Test 850 °C	Glow Wire Test	850 °C		-

DIMENSIONAL

700

PHOTOMETRIC DISTRIBUTION



Data, measures, designs and pictures are for information purpose only, last update 23/04/2024. 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



Product Data Sheet GWS4421BA840

SMART[4]

TECHNICAL SYMBOLOGY













ΙP IP66

ΙK IK08

GWT 850 °C

STANDARDS/APPROVALS





