

Product Data Sheet GWS4224AC830

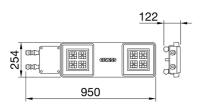
SMART [4]



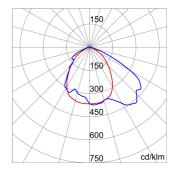
Smart [4] is a series of LED indoor appliances suitable for the lighting of industries and sports facilities. It is available in HE (High Efficiency), HLO (High Lumen Output) and integrated DALI Emergency. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded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

tacilities cuminaire LED Industrial Reflector hypication infernal chippication infernal	GENERAL INFORMATION	_	OPTIC AND ILLUMINATING FEATURES	-
Deplication	Context		Optic	Asymmetrical
Output digital code (Datamatrix)	Luminaire	LED Industrial Reflector	Unified Glare Rating	-
Datamatrix Datamatrix Datamatrix Colour (fincw)	Application	Internal		13000 (780 Em.)
Colour Grey RAL 7035 (Ype of light source) Colour temperature (Colour Rendering Index (CRI>Rendering Index (CRI) (CR	Unique digital code (Datamatrix)	Datamatrix	Efficacy	137
	Colour	Grev RAL 7035	` ,	3000 K
System 95 W (+5W Emerg.) Standard Deviation Colour Matching SDCM = 3				
LeD Lifetime L90B10(Tq26°C)>150.000h; L90B10 (Tq40°C)=140.000h Weight (kg)	System	95 W (+5W Emerg.)		SDCM = 3
Standard	LED Lifetime		Photobiological Risk Class	RG0
Stocking temperature	Weight (kg)		Standard	
Deperating temperature 0 + +40 °C Rated frequency (Hz) 50/60 Hz MATERIALS - Driver 10.000h Tq25°C/50.000h Tq40°C Body PA6 "Halogen Free" loaded fibreglass Driver failure rate Driver failure rate PMA lenses Control System 1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h) Basket anti-aging silicone ocking Hook Patental screw Stainless sted Colour Grey RAL 7035 Wring With GW connect watertight connector FXANDARDS AND APPROVALS Classification Pevice with reduced surface temperature DIN 18032-3 certification Available (under certain installation conditions) PEA Available (under certain installation conditions) PEA Bedgere IP65 Award Available and the surface temperature Pedeparts of the wind surface exposed to the wind for the wind conditions of the wind condi	Warranty	5 years	ELETRICAL AND LIGHTING FEATURES	-
MATERIALS - Driver Included Body PA6 "Halogen Free" loaded fibreglass Shield type Tempered glass Thickness 4mm Optic Overvoltage protection DM 6 kV / CM 10 kV Overvoltage protection DM 6 kV / CM 10 kV Overvoltage protection DM 6 kV / CM 10 kV Overvoltage protection 1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h) DM 6 kV / CM 10 kV Overvoltage protection 1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h) DM 6 kV / CM 10 kV Overvoltage protection 1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h) DM 0 k V / CM 10 kV Overvoltage protection 1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h) DM 0 k V / CM 10 kV Overvoltage protection 1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h) DM 0 k V / CM 10 kV Overvoltage protection 1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h) DM 0 k V / CM 10 kV Overvoltage protection 1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h) DM 0 k V / CM 10 kV Overvoltage protection 1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h) DM 0 k V / CM 10 kV Overvoltage protection 1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h) DM 0 k V / CM 10 kV Overvoltage protection 1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h) DM 0 k V / CM 10 kV Overvoltage protection 1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h) DM 0 k V / CM 10 kV	Stocking temperature	-40 +70 °C	Supply voltage	220 - 240 V
PA6 "Halogen Free" loaded fibreglass Shield type Tempered glass Thickness 4mm Overvoltage protection DM 6 kV / CM 10 kV Cptic Metallic PC reflector and PMMA lenses Gasket anti-aging silicone Locking Hook Tempered glass Thickness 4mm Overvoltage protection 1x DALI DT6 + 1x DALI DT1 (Emerg. 3h) Sasket 1x DALI DT6 + 1x DALI DT1 (Emerg. 3h) Overvoltage protection 1x DALI DT6 + 1x DALI DT1 (Emerg. 3h) DALI DT6 + 1x DALI DT6 + 1x DALI DT1 (Emerg. 3h) DALI DT6 + 1x DALI DT6 + 1x DALI DT1 (Emerg. 3h) DALI DT6 + 1x DALI DT6 + 1x DALI DT1 (Emerg. 3h) DALI DT6 + 1x DALI DT6 + 1x DALI DT1 (Emerg. 3h) DALI DT6 + 1x DALI DT6 + 1x DALI DT1 (Emerg. 3h) DALI DT6 + 1x DALI DT6 + 1x DALI DT1 (Emerg. 3h) DALI DT6 + 1x D	Operating temperature	0 ÷ +40 °C	Rated frequency (Hz)	50/60 Hz
Shield type Tempered glass Thickness 4mm Overvoltage protection Dvervoltage D	MATERIALS	-	Driver	Included
Detic Metallic PC reflector and PMMA lenses anti-aging silicone anti-aging silicone cocking Hook - Stainless steed - Sta	Body	PA6 "Halogen Free" loaded fibreglass	Driver failure rate	F10=100.000h Tq25°C/50.000h Tq40°C
Assket anti-aging silicone occiding Hook - Mounting and installation occiding light - Suspension occiding Hook - Stainless steel Tilt - Suspension occident of Grey RAL 7035 occident o	Shield type	Tempered glass Thickness 4mm	Overvoltage protection	DM 6 kV / CM 10 kV
Locking Hook-Mounting and installationCeiling light - SuspensionExternal screwStainless steelTilt-ColourGrey RAL 7035WiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-Fixing-Classification-Light souce replaceabilityBy professionalDevice with reduced surface temperatureYesControlgear replaceabilityBy professionalDIN 18032-3 certificationAvailable (under certain installation conditions)Driver BoxBuilt-inPEA-Maximum surface exposed to the wind0,220 m²nsullation classI-P degreeIP65Mechanical resistanceIK08-	Optic	Metallic PC reflector and PMMA lenses		1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h)
Stainless steel Tilt - Colour Grey RAL 7035 Wiring With GW connect watertight connector STANDARDS AND APPROVALS - Fixing - Classification - Light souce replaceability By professional Device with reduced surface temperature Yes Controlgear replaceability By professional Controlgear replaceability Priver Box Surface temperature Surface temperature Conditions PEA - Maximum surface exposed to the wind 0,220 m² P degree IP65 - Maximum surface exposed to the wind - Wechanical resistance IK08 Wechanical resistance Stainless steel Tilt With GW connect watertight connector Fixing Connector	Gasket	anti-aging silicone	INSTALLATION AND MAINTENANCE	-
Colour Grey RAL 7035 Wiring With GW connect watertight connector FixANDARDS AND APPROVALS Classification - Light souce replaceability By professional Device with reduced surface temperature OIN 18032-3 certification Available (under certain installation conditions) PEA - Maximum surface exposed to the wind 0,220 m² P degree IP65 - Maximum surface exposed to the wind - P degree IP65 - IK08	Locking Hook	-	Mounting and installation	Ceiling light - Suspension
FIXANDARDS AND APPROVALS - Fixing - Light souce replaceability Device with reduced surface temperature DIN 18032-3 certification PEA - Maximum surface exposed to the wind Pedgree Pea - Pe	External screw	Stainless steel	Tilt	-
Classification - Light souce replaceability By professional Device with reduced surface temperature Yes Controlgear replaceability By professional DIN 18032-3 certification Available (under certain installation conditions) PEA - Maximum surface exposed to the wind 0,220 m² nsulation class I P65 - Mechanical resistance IK08 - IK08	Colour	Grey RAL 7035	Wiring	With GW connect watertight connector
Device with reduced surface temperature DIN 18032-3 certification Available (under certain installation conditions) PEA Insulation class Periode Perio	STANDARDS AND APPROVALS	<u>-</u>	Fixing	<u>-</u>
Available (under certain installation conditions) PEA nsulation class P degree Meximum surface exposed to the wind P degree Nechanical resistance Driver Box Maximum surface exposed to the wind P degree P	Classification	-	Light souce replaceability	By professional
conditions) PEA - Maximum surface exposed to the wind 0,220 m² nsulation class I - P degree IP65 - Mechanical resistance IK08 -	Device with reduced surface temperature	Yes		By professional
September Sept	DIN 18032-3 certification		Driver Box	Built-in
P degree IP65 - Mechanical resistance IK08 -	IPEA	-	Maximum surface exposed to the wind	0,220 m²
Mechanical resistance IK08 -	Insulation class			-
	IP degree	IP65		-
Glow Wire Test 850 °C -	Mechanical resistance	IK08		<u>-</u>
	Glow Wire Test	850 °C		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY















IK08

GWT 850 °C



STANDARDS/APPROVALS

CA CE CE

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