

## Product Data Sheet GWS4124BA840

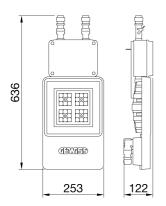
SMART [4]



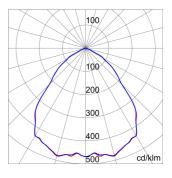
Smart [4] is a series of LED indoor appliances suitable for the lighting of industries and sports facilities. It is available in HE (High Efficiency), HLO (High Lumen Output) and integrated DALI Emergency. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded 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	<u>-</u>	OPTIC AND ILLUMINATING FEATURES	-
Publication	Context		Optic	Array
Datamatrix   Datamatrix   Datamatrix   Efficacy (m/W)   Datamatrix   Datamatrix   Efficacy (m/W)   Datamatrix   Datamatrix   Efficacy (m/W)   Datamatrix   Datamatrix   Datamatrix   Datamatrix   Datamatrix   Datamatrix   Datamatrix   Datamatrix   Datamatrix   Efficacy (m/W)   Datamatrix	Luminaire	LED Industrial Reflector	Unified Glare Rating	-
Unique digital code (Datamatrix)         Datamatrix (finacy (mW))         Efficacy (mW)         155           Colour         Grey RAL 7035         Colour temperature         400 k R           Type of light source         64 W (+5W Emers)         Standard Deviation Colour Matching         3DM           System opwer         54 W (+5W Emers)         Standard Deviation Colour Matching         3DM           LED Lifetime         L90B10(Tq25°C)>150.000h; 190B10 (Tq40°C)=140.000h (Tq40°C)=	Application	Internal		9900 (950 Em.)
Type of light source         LED         Colour Rendering Index         CRI>80           System         64 W (+5W Emerg.)         Standard Deviation Colour Matching         SDCM = 3           power         LED Lifetime         L90B10(Tq25°C)>150.000h; L90B10 (Tq40°C)=140.000h         Photobiological Risk Class         R60           Weight (kg)         5         Standard         EN 60598-2-22; EN 60598-1; EN 60598-2-22         60598-2-24           Warranty         5 years         Stocking temperature         40 + 70 °C         Supply voltage         220 - 240 V           Operating temperature         0 + 40 °C         Rated frequency (Hz)         50/60 Hz           Body         PA6 "Halogen Free" loaded fibreglass Shield type         Driver allure rate         F10 = 100.000h Tq25°C/50.000h Tq40°C           Optic         Metallized polycarbonate reflector Gasket         Metallized polycarbonate reflector anti-aging silicone         Overvoltage protection         Driver failure rate         F10 = 100.000h Tq25°C/50.000h Tq40°C           Gasket         1 STALLATION AND MAINTENANCE         NSTALLATION AND MAINTENANCE         NSTALLATION AND MAINTENANCE           Locking Hook         5 Grey RAL 7035         Wirring and installation         Ceiling light - Suspension           STANDARDS AND APPROVALS         6 Grey RAL 7035         Wirring         Wirth GW connect watertight connector	Unique digital code (Datamatrix)	Datamatrix	Efficacy	155
Type of light source         LED (sour Rendering Index (PSP)         Colour Rendering Index (PSP)         CRI>80 (PSP)           System (PSP)         64 W (+5W Emery.)         Standard Deviation Colour Matching         SDCM = 3           Dever         LED Lifetime         L90B10(Tq25°C)>150.000h; L90B10 (Tq40°C)=140.000h         Photobiological Risk Class         RC0           Weight (kg)         5         Standard         EN 60598-2-22; EN 60598-1; EN 60598-2-22         60598-2-24           Warranty         5 years         Stocking temperature         40 + 70°C         Supply voltage         220 - 240 V           Operating temperature         0 + 40 °C         Reated frequency (Hz)         50/60 Hz           Body         PA6 "Halogen Free" loaded fibreglass of Pree" loaded fibreglass	Colour	Grey RAL 7035	Colour temperature	4000 K
Dever LED Lifetime L90B10(Tq25°C)>150.000h; L90B10 (Tq40°C)=140.000h Weight (kg)	Type of light source			CRI>80
LED Lifetime L90B10(Tq25°C)>150.000h; L90B10 (Tq40°C)=140.000h Weight (kg)  Standard  Standard  EN 60598-2-22; EN 60598-1; EN 60598-2-24  Standard  EN 60598-2-24  Standard  EN 60598-2-22; EN 60598-1; EN 60598-2-24  Standard  EN 60598-2-24  Standard  EN 60598-2-22; EN 60598-1; EN 60598-2-24  Standard  EN 60598-2-24  Standard  EN 60598-2-24  Standard  EN 60598-2-24  Standard  EN 60598-2-22; EN 60598-1; EN 60598-2-24  Standard  EN 60598-2-24  Stan	System	64 W (+5W Emerg.)	Standard Deviation Colour Matching	SDCM = 3
Marranty	LED Lifetime		Photobiological Risk Class	RG0
Stocking temperature	Weight (kg)	5	Standard	
Operating temperature 0 + +40 °C Rated frequency (Hz) 50/60 Hz  MATERIALS - Driver 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Warranty	5 years	ELETRICAL AND LIGHTING FEATURES	-
MATERIALS         Driver         Included           Body         PA6 "Halogen Free" loaded fibreglass Shield type         Driver failure rate         F10 = 100.000h Tq25°C/50.000h Tq40°C           Shield type         Tempered glass Thickness 4mm         Overvoltage protection         DM 6 kV / CM 10 kV           Optic         Metallized polycarbonate reflector         Control System         1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h)           Gasket         anti-aging silicone         INSTALLATION AND MAINTENANCE         1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h)           External screw         Stainless steel         Mounting and installation         Ceiling light - Suspension           External screw         Grey RAL 7035         Wiring         With GW connect watertight connector           STANDARDS AND APPROVALS         - Fixing         - Control gear replaceability         By professional           Device with reduced surface temperature         Yes         Control gear replaceability         By professional           DIN 18032-3 certification         Available (under certain installation conditions)         Driver Box         Built-in           IPEA         - Maximum surface exposed to the wind         0,140 m²           IP degree         1P65         Maximum surface exposed to the wind         - Conditions	Stocking temperature	-40 +70 °C	Supply voltage	220 - 240 V
Body PA6 "Halogen Free" loaded fibreglass Shield type Tempered glass Thickness 4mm Optic Metallized polycarbonate reflector Gasket Dicking Hook Stainless steel Colour Stainless steel Colour Grey RAL 7035 STANDARDS AND APPROVALS Colour Strainless steel Device with reduced surface temperature Din 18032-3 certification Available (under certain installation conditions)  IPEA Available (under certain installation class IP degree IP 65 Mechanical resistance IR Metallized polycarbonate reflector Overvoltage protection Overvoltage protection Diver failure rate Striver failure rate F10 = 100.000h Tq25°C/50.000h Tq40°C Overvoltage protection DV overvoltage protection DV overvoltage protection Overvoltage Protecti	Operating temperature	0 ÷ +40 °C	Rated frequency (Hz)	50/60 Hz
Shield type Tempered glass Thickness 4mm Optic Metallized polycarbonate reflector Gasket anti-aging silicone Locking Hook	MATERIALS	-	Driver	Included
Optic     Metallized polycarbonate reflector Gasket     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 steed     Tilt     -     With GW connect watertight connector       Colour     Grey RAL 7035     Wiring     With GW connect watertight connector       STANDARDS AND APPROVALS     -     Light souce replaceability     By professional       Device with reduced surface temperature     Yes     Control gear replaceability     By professional       DIN 18032-3 certification     Available (under certain installation conditions)     Driver Box     Built-in       IPEA     Maximum surface exposed to the wind     0,140 m²       Insulation class     1     -       IP degree     IP65     -     -       Mechanical resistance     IK08     -     -	Body	PA6 "Halogen Free" loaded fibreglass	Driver failure rate	F10 = 100.000h Tq25°C/50.000h Tq40°C
Gasket anti-aging silicone Locking Hook - Mounting and installation Ceiling light - Suspension External screw Stainless steel Tilt - Grey RAL 7035 Wiring With GW connect watertight connector STANDARDS AND APPROVALS - Fixing With GW connect watertight connector STANDARDS AND APPROVALS - Light souce replaceability By professional Device with reduced surface temperature Period Control gear replaceability By professional DIN 18032-3 certification Available (under certain installation conditions)  IPEA - Maximum surface exposed to the wind 0,140 m² Insulation class I I IP degree IP65 - Mechanical resistance IK08	Shield type	Tempered glass Thickness 4mm	Overvoltage protection	DM 6 kV / CM 10 kV
Locking Hook - Mounting and installation Ceiling light - Suspension External screw Stainless steel Tilt - Colour Grey RAL 7035 Wiring With GW connect watertight connector STANDARDS AND APPROVALS - Fixing - Light souce replaceability By professional Device with reduced surface temperature Provided the reduced surface temperature Provided the reduced surface temperature Provided to the wind Suspensional Device with reduced surface temperature Provided to the wind Suspensional Device with reduced surface temperature Provided to the wind Suspensional Device with reduced surface temperature Provided to the wind Suspensional Device with reduced surface temperature Provided to the wind Suspensional Device with reduced surface temperature Provided to the wind Suspensional Device with reduced surface temperature Provided to the wind Suspensional Device with reduced surface temperature Provided to the wind Suspensional Device Box Suspensi	Optic	Metallized polycarbonate reflector		1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h)
External screw Stainless steel Colour Grey RAL 7035 Wring 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 DIN 18032-3 certification Available (under certain installation conditions)  IPEA - Waximum surface exposed to the wind 0,140 m² Insulation class IP65 - Maximum surface exposed to the wind - IP6 Gree IP65 - IR66 - I	Gasket	anti-aging silicone	INSTALLATION AND MAINTENANCE	-
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 DIN 18032-3 certification Available (under certain installation conditions)  IPEA - Maximum surface exposed to the wind 0,140 m² IP degree IP65	Locking Hook	-	Mounting and installation	Ceiling light - Suspension
STANDARDS AND APPROVALS - Fixing - Light souce replaceability By professional Device with reduced surface temperature Yes Controlgear replaceability By professional Driver Box Built-in  PEA - Maximum surface exposed to the wind Insulation class IP64 IP69 IP69 IP69 IP69 IP68 IF68 IF68 IF68 IF68 IF68 IF68 IF68 IF	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)  IPEA - Maximum surface exposed to the wind 0,140 m² Insulation class I IP65	Colour	Grey RAL 7035	Wiring	With GW connect watertight connector
Device with reduced surface temperature Yes Controlgear replaceability By professional DIN 18032-3 certification Available (under certain installation conditions)  IPEA - Maximum surface exposed to the wind 0,140 m²  Insulation class IP65 - Mechanical resistance IK08 - IK08	STANDARDS AND APPROVALS	_	Fixing	_
DIN 18032-3 certification Available (under certain installation conditions)  IPEA Insulation class IP degree IP65 Mechanical resistance INK08 IP or Pox Meximum surface exposed to the wind O,140 m² Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to the wind O,140 m² Insulation class IR Meximum surface exposed to th	Classification	-	Light souce replaceability	By professional
conditions)           IPEA         -         Maximum surface exposed to the wind         0,140 m²           Insulation class         I         -           IP degree         IP65         -           Mechanical resistance         IK08         -	Device with reduced surface temperature	Yes	Controlgear replaceability	By professional
Insulation class         I         -           IP degree         IP65         -           Mechanical resistance         IK08         -	DIN 18032-3 certification		Driver Box	Built-in
IP degree         IP65         -           Mechanical resistance         IK08         -	IPEA	-	Maximum surface exposed to the wind	0,140 m²
Mechanical resistance IK08 -	Insulation class			-
Mechanical resistance IK08 -	IP degree	IP65		-
Glow Wire Test 850 °C -	Mechanical resistance	IK08		-
	Glow Wire Test	850 °C		<u>-</u>

## **DIMENSIONAL**



## PHOTOMETRIC DISTRIBUTION



## **TECHNICAL SYMBOLOGY**















IKU8

**GWT** 850 °C



STANDARDS/APPROVALS

CA CE CE

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