

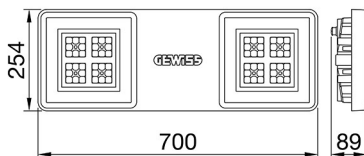
### SMART[4] Special versions



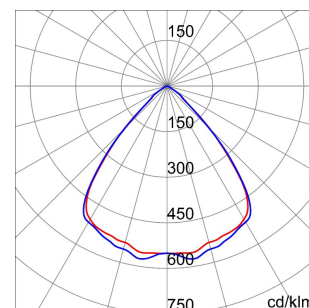
Smart [4] ATEX is the series of LED indoor lighting appliances ideal for use in areas where flammable gases, vapours and dust are present. Two different sizes available: 1M, 2M. The body is made of "Halogen-free" nylon loaded with grey glass fibre (RAL7035) with venting and anti-condensation device, aluminium alloy heat dissipation device 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 60°, 90° and asymmetric light distributions. The electrical connection is via a 3x1.5 mm<sup>2</sup> H07RN-F cable with anti-condensation device exiting the product via a PG13.5 ATEX certified metal cable gland. The industrial reflector is certified ATEX II 3 G Ex nR IIC T6 Gc - II 3 D Ex tc IIIC T65°C Dc. Suspension, wall and projection appliances can be installed. It is available with three types of Colour Temperature (4000K / 5700K), Color Rendering Index CRI>80 and ON/OFF power supply.

GENERAL INFORMATION		OPTIC AND ILLUMINATING FEATURES	
Context	Logistics and industrial manufacturing lighting	Optică	90°
Luminaire	LED Industrial Reflector	Unified Glare Rating	UGR ≤ 25
Aplicație	Internă	Lumină ieșire (lm)	17800
Unique digital code (Datamatrix)	Datamatrix	Efficiency (lm/W)	140
Culoare	Gri RAL 7035	Culoare Temperatură	5700 K
Tip sursă de lumină	LED - Neînlocuibil	Color Rendering Index	CRI>80
Puterea sistemului	127 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10(Tq40°C)=140.000h	Photobiological Risk Class	RG0
Greutate (Kg)	6	Standard	EN 60079-0 ; EN 60079-15 ; EN 60079-31 ; EN 60598-1 ; EN 60598-2-1
Garanție	5 ani	ELETRICAL AND LIGHTING FEATURES	
Temperatură de stocare	-40 +70 °C	Tensiune de alimentare	220 - 240 V
Operating temperature	+5°C ÷ +40 °C	Frecvență nominală (Hz)	50/60 Hz
MATERIALS		Driver	Included
Body	PA6 "Halogen Free" loaded fibreglass	Driver failure rate	F10=100.000h Tq25°C/50.000h Tq40°C
Ecran	Tempered glass Thickness 4mm	Overvoltage protection	DM 6 kV / CM 10 kV
Optic	Metallic PC reflector and PMMA lenses	Control System	ON / OFF
Gasket	anti-aging silicone	INSTALLATION AND MAINTENANCE	
Locking Hook	-	Mouting and installation	Ceiling - Wallmounting - Suspension
External screw	Oțel	Tilt	With bracket accessory
Colour	Gri RAL 7035	Wiring	Single wiring with anti-breathing cable exiting metallic PG (NO Connector)
STANDARDS AND APPROVALS		Prindere	-
Clasificare	ATEX: II 3 G Ex nR IIC T6 Gc - II 3 D Ex tc IIIC T65°C Dc	Optic Maintenance	Non-replaceable
Dispozitiv cu temperatură la suprafață redusă	Da	LED Maintenance	Non-replaceable
Certificare DIN 18032-3	-	Driver Box	Integrat
IPEA	-	Suprafață maximă expusă la vânt	0,184 m <sup>2</sup>
Clasă izolație	I		-
Clasă de protecție IP	IP66		-
Cod IK	IK08		-
Glow Test conductori	850 °C		-

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



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### TECHNICAL SYMBOLOGY



**IP**  
IP66

**IK**  
IK08

**GWT**  
850 °C

### STANDARDS/APPROVALS

