

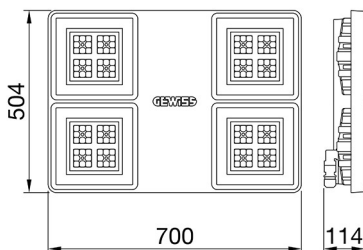
SMART[4] Special versions



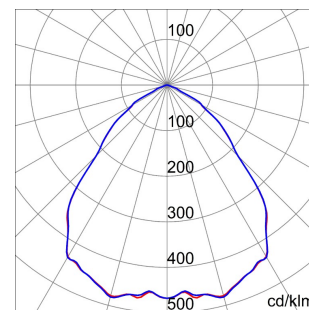
Smart [4] HT is the series of LED indoor appliances suitable for the food industry, production areas or warehouses where critical temperatures develop. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded with grey glass fibre (RAL7035) with venting and anti-condensation 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-stabilised, high-efficiency PMMA lenses, which allow a wide variety of 60°, 90° and Elliptical light distributions. Operating temperature range "Ta" between -30°C and + 60°C. 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	Array
Luminaire	LED Industrial Reflector	Unified Glare Rating	UGR ≤ 25
Aplicație	Internă	Lumină ieșire (lm)	28000
Unique digital code (Datamatrix)	Datamatrix	Efficiency (lm/W)	148
Culoare	Gri RAL 7035	Culoare Temperatură	4000 K
Tip sursă de lumină	LED - Neînlocuibil	Color Rendering Index	CRI>80
Puterea sistemului	189 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10(Tq60°C)=60.000h	Photobiological Risk Class	RG0
Greutate (Kg)	13.5	Standard	EN 60598-1 ; EN 60598-2-1 ; EN 60598-2-24
Garanție	5 ani	ELETRICAL AND LIGHTING FEATURES	
Temperatură de stocare	-40 +70 °C	Tensiune de alimentare	220 - 240 V
Operating temperature	-30°C + +60 °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 Tq60°C
Ecran	Tempered glass Thickness 4mm	Overvoltage protection	DM 6 kV / CM 10 kV
Optic	Metallized polycarbonate reflector	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	With GW connect watertight connector
STANDARDS AND APPROVALS		Prindere	-
Clasificare	-	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	0,350 m²
Clasă izolație	I		-
Clasă de protecție IP	IP66		-
Cod IK	IK08		-
Glow Test conductori	850 °C		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
850 °C



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STANDARDS/APPROVALS

