

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

Context	Logistics and industrial manufacturing lighting
Luminaire panoları	LED Industrial Reflector İç
Unique digital code (Datamatrix)	Datamatrix
Renk	Gri RAL 7035
Işık kaynağı tipi	LED - değiştirilemez
Sistem gücü	48 W
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10(Tq60°C)=60.000h
Ağırlık (kg)	3.5

OPTIC AND ILLUMINATING FEATURES

Optik	90°
Unified Glare Rating	UGR ≤ 25
Lümen çıkışı (lm)	7200
Efficiency (lm/W)	150
Renk Sıcaklık	4000 K
Color Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0
Standart	EN 60598-1 ; EN 60598-2-1 ; EN 60598-2-24

Garanti	5 yıl
Depolama sıcaklığı	-40 +70 °C
Operating temperature	-30°C + +60 °C

MATERIALS

Body	PA6 "Halogen Free" loaded fibreglass
Ekran tipi	Tempered glass Thickness 4mm
Optic	Metallic PC reflector and PMMA lenses
Gasket	anti-aging silicone
Locking Hook	-
External screw	Paslanmaz çelik
Colour	Gri RAL 7035

ELETRICAL AND LIGHTING FEATURES

besleme voltaj	220 - 240 V
Nominal frekans (Hz)	50/60 Hz
Driver	Included
Driver failure rate	F10=100.000h Tq25°C/50.000h Tq60°C
Overvoltage protection	DM 6 kV / CM 10 kV
Control System	ON / OFF

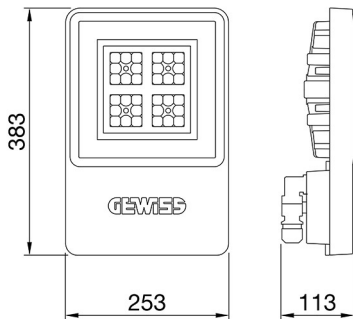
STANDARDS AND APPROVALS

Sınıflandırma	-
Yüzey sıcaklığı azaltılmış cihaz	Evet
DIN 18032-3 belgesi	-
IPEA	-
Yalıtım sınıfı	I
IP derecesi	IP66
Direnç dayanıklı	IK08
Akkor Tel Deneyi:	850 °C

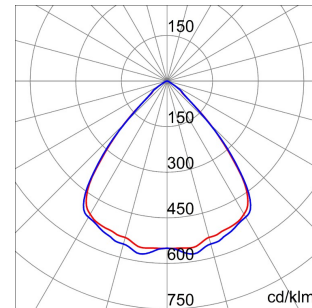
INSTALLATION AND MAINTENANCE

Mouting and installation	Ceiling - Wallmounting - Suspension
Tilt	With bracket accessory
Wiring	With GW connect watertight connector
çin	-
Optic Maintenance	Non-replaceable
LED Maintenance	Non-replaceable
Driver Box	Yerleşik
Rüzgara maruz maksimum yüzey	0,097 m²

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
850 °C



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STANDARDS/APPROVALS

