

SMART[4] Special versions



Smart [4] HACCP is the series of indoor LED lighting devices suitable for lighting in the food and beverage industry, ideal for illuminating production areas, warehouses and logistics areas. Three different sizes available: 1M, 2M and 4M. The body is made of nylon "Halogen-free" loaded with grey fibreglass (RAL7035) with venting and anti-condensation device, aluminium alloy heat dissipation device EN AB 44300. It is equipped with a double optical system that provides a metallic reflector with ARRAY optics and a metallic reflector with PMMA lenses stabilized at UV, high efficiency, which allow a wide variety of light distributions 30°, 60°, and 90°, asymmetric and elliptical, screen in PMMA. It is possible to install hanging, wall and projection devices. It is available with three types of Colour Temperature (4000K / 5700K), CRI>80 Colour Rendering Index and two power supply options (ON/OFF or DALI).

GENERAL INFORMATION

Context	Lighting of logistical and industrial food productive premises
Luminaire panoları	LED Industrial Reflector İç
Unique digital code (Datamatrix)	Datamatrix
Renk	Gri RAL 7035
Işık kaynağı tipi	LED - değiştirilemez
Sistem gücü	64 W
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10(Tq50°C)=100.000h
Ağırlık (kg)	3.5

OPTIC AND ILLUMINATING FEATURES

Optik	30°
Unified Glare Rating	UGR ≤ 22
Lümen çıkışı (lm)	9000
Efficiency (lm/W)	141
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 +50 °C

MATERIALS

Body	PA6 "Halogen Free" loaded fibreglass
Ekran tipi	PMMA
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 Tq50°C
Overvoltage protection	DM 6 kV / CM 10 kV
Control System	1 x DALI DT6

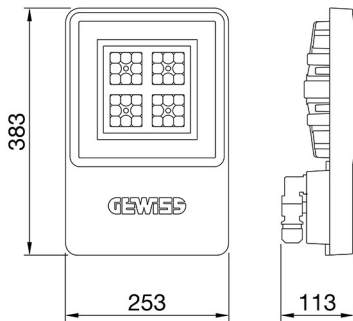
STANDARDS AND APPROVALS

Sınıflandırma	-
Yüzey sıcaklığı azaltılmış cihaz	Evet
DIN 18032-3 belgesi	-
IPEA	-
Yalıtım sınıfı	I
IP derecesi	IP65
Direnç dayanıklı	IK07
Akkor Tel Deneyi:	650 °C

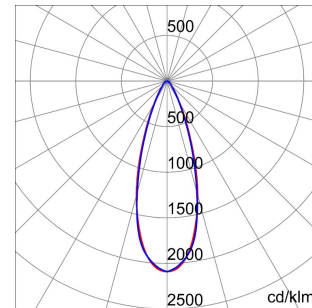
INSTALLATION AND MAINTENANCE

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
IP65

IK
IK07

GWT
650 °C



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STANDARDS/APPROVALS

