

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	LED Industrial Reflector
Aplicație	Internă
Unique digital code (Datamatrix)	Datamatrix
Culoare	Gri RAL 7035
Tip sursă de lumină	LED - Neînlocuibil
Puterea sistemului	64 W
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10(Tq50°C)=100.000h
Greutate (Kg)	3.5
Garanție	5 ani
Temperatură de stocare	-40 +70 °C
Operating temperature	-30 +50 °C

MATERIALS

Body	PA6 "Halogen Free" loaded fibreglass
Ecran	PMMA
Optic	Metallized polycarbonate reflector
Gasket	anti-aging silicone
Locking Hook	-
External screw	Oțel
Colour	Gri RAL 7035

STANDARDS AND APPROVALS

Clasificare	-
Dispozitiv cu temperatură la suprafață redusă	Da
Certificare DIN 18032-3	-
IPEA	-
Clasă izolație	I
Clasă de protecție IP	IP65
Cod IK	IK07
Glow Test conductori	650 °C

OPTIC AND ILLUMINATING FEATURES

Optică	Array
Unified Glare Rating	-
Lumină ieșire (lm)	9200
Efficiency (lm/W)	144
Culoare Temperatură	4000 K
Color Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0
Standard	EN 60598-1 ; EN 60598-2-1 ; EN 60598-2-24

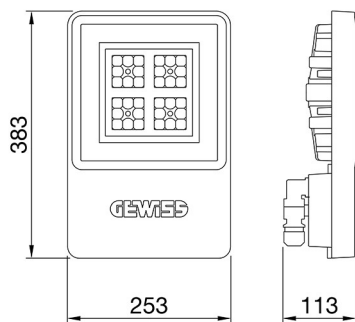
ELETRICAL AND LIGHTING FEATURES

Tensiune de alimentare	220 - 240 V
Frecvență nominală (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

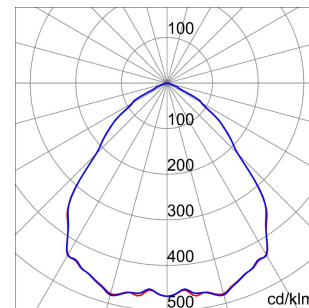
INSTALLATION AND MAINTENANCE

Mouting and installation	Ceiling - Wallmounting - Suspension
Tilt	With bracket accessory
Wiring	With GW connect watertight connector
Prindere	-
Optic Maintenance	Non-replaceable
LED Maintenance	Non-replaceable
Driver Box	Integrat
Suprafață maximă expusă la vânt	0,097 m²

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP
IP65

IK
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GWT
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STANDARDS/APPROVALS

