

SMART [4]



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
Toepassing	Intern
Unique digital code (Datamatrix)	Datamatrix
Kleur	Grijs RAL 7035
Type lichtbron	LED
System vermogen	253 W
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10(Tq50°C)=100.000h
Gewicht (kg)	13.5
Garantie	5 jaar
Opslagtemperatuur	-40 +70 °C
Operating temperature	-30°C + +50 °C

MATERIALS

Body	PA6 "Halogen Free" loaded fibreglass
Type plaat	PMMA
Optic	Metallic PC reflector and PMMA lenses
Gasket	anti-aging silicone
Locking Hook	-
External screw	Roestvrij staal
Colour	Grijs RAL 7035

STANDARDS AND APPROVALS

Classificering	-
Toestel met verlaagde oppervlaktetemperatuur	Ja
DIN 18032-3-certificering	Available (under certain installation conditions)
IPEA	-
Isolatie-klasse	I
IP-graad	IP65
Stootbestendigheid	IK07
Glow Wire Test	650 °C

OPTIC AND ILLUMINATING FEATURES

Optiek	30°
Unified Glare Rating	UGR ≤ 19
Lumen-vermogen (lm)	39200
Efficacy (lm/W)	155
Kleurtemperatuur	4000 K
Colour Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0
Standaard	EN 60598-1 ; EN 60598-2-1 ; EN 60598-2-24

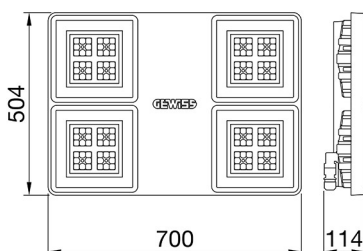
ELETRICAL AND LIGHTING FEATURES

Voedings-spanning	220 - 240 V
Nominale frequentie (Hz)	50/60 Hz
Driver	Included
Driver failure rate	F10=70.000h Tq25°C/35.000h Tq50°C
Overvoltage protection	DM 6 kV / CM 10 kV
Control System	ON / OFF

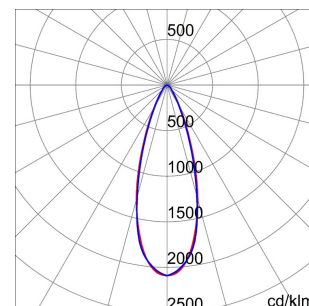
INSTALLATION AND MAINTENANCE

Mounting and installation	Ceiling - Wallmounting - Suspension
Tilt	With bracket accessory
Wiring	With GW connect watertight connector
Bevestiging	-
Light source replaceability	By professional
Controlgear replaceability	By professional
Driver Box	Ingebouwd
Maximum surface exposed to the wind	0,350 m²

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



SMART [4]

TECHNICAL SYMBOLOGY



0,350 m²



IP
IP65

IK
IK07

GWT
650 °C

STANDARDS/APPROVALS

