

SMART [4]



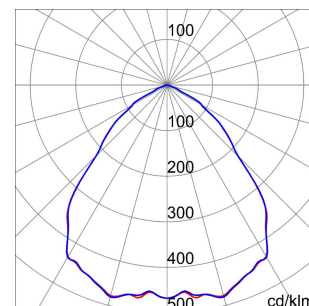
Smart [4] HACCP is the series of indoor LED lighting devices suitable for lighting in the food and beverage industry, ideal for illuminating production areas, warehouses and logistics areas. Three different sizes available: 1M, 2M and 4M. The body is made of nylon "Halogen-free" loaded with grey fibreglass (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		OPTIC AND ILLUMINATING FEATURES	
Context	Lighting of logistical and industrial food productive premises	Optiek	Array
Luminaire	LED Industrial Reflector	Unified Glare Rating	-
Toepassing	Intern	Lumen- vermogen (lm)	19800
Unique digital code (Datamatrix)	Datamatrix	Efficacy (lm/W)	158
Kleur	Grijs RAL 7035	Kleur temperatuur	5700 K
Type lichtbron	LED	Colour Rendering Index	CRI>80
System vermogen	125 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10 (Tq+25°C) = 100.000 h - L90B10 (Tq+50°C) = 50.000 h	Photobiological Risk Class	RG0
Gewicht (kg)	6.5	Standaard	EN 60598-1 ; EN 60598-2-1 ; EN 60598-2- 24
Garantie	5 jaar	ELETRICAL AND LIGHTING FEATURES	
Opslagtemperatuur	-40 +70 °C	Voedings- spanning	220 - 240 V
Operating temperature	-30°C ÷ +50 °C	Nominale frequentie (Hz)	50/60 Hz
MATERIALS		Driver	Included
Body	PA6 "Halogen Free" loaded fibreglass	Type plaat	PMMA
Overvoltage protection	DM 6 kV / CM 10 kV	Optic	Metallized polycarbonate reflector
Control System	1 x DALI DT6	Gasket	anti-aging silicone
INSTALLATION AND MAINTENANCE		Locking Hook	-
Mounting and installation	Ceiling - Wallmounting - Suspension	External screw	Roestvrij staal
Tilt	With bracket accessory	Colour	Grijs RAL 7035
Wiring	With GW connect watertight connector	STANDARDS AND APPROVALS	
Bevestiging	-	Classificering	-
Light source replaceability	By professional	Toestel met verlaagde oppervlaktetemperatuur	Ja
Controlgear replaceability	By professional	DIN 18032-3-certificering	Available (under certain installation conditions)
Driver Box	Ingebouwd	IPEA	-
Maximum surface exposed to the wind	0,184 m²	Isolatie- klasse	I
-	-	IP- graad	IP65
-	-	Stoot- bestendigheid	IK07
-	-	Glow Wire Test	650 °C
-	-	-	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



SMART [4]

TECHNICAL SYMBOLOGY



0,184 m²



IP
IP65

IK
IK07

GWT
650 °C

STANDARDS/APPROVALS

