

SMART [4]



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		OPTIC AND ILLUMINATING FEATURES	
Context	Logistics and industrial manufacturing lighting	Optiek	Elliptisch
Luminaire	LED Industrial Reflector	Unified Glare Rating	-
Toepassing	Intern	Lumen-vermogen (lm)	14200
Unique digital code (Datamatrix)	Datamatrix	Efficacy (lm/W)	149
Kleur	Grijs RAL 7035	Kleur temperatuur	4000 K
Type lichtbron	LED	Colour Rendering Index	CRI>80
System vermogen	95 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10(Tq60°C)=60.000h	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 + +60 °C	Nominale frequentie (Hz)	50/60 Hz
MATERIALS		Driver	Included
Body	PA6 "Halogen Free" loaded fibreglass	Driver failure rate	F10=100.000h Tq25°C/50.000h Tq60°C
Type plaat	Tempered glass Thickness 4mm	Overvoltage protection	DM 6 kV / CM 10 kV
Optic	Metallic PC reflector and PMMA lenses	Control System	ON / OFF
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	IP66		-
Stootbestendigheid	IK08		-
Glow Wire Test	850 °C		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



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TECHNICAL SYMBOLOGY



0,184 m²



IP
IP66

IK
IK08

GWT
850 °C

STANDARDS/APPROVALS

