

SMART[4]



Smart [4] is a series of LED indoor appliances suitable for the lighting of industries and sports facilities. It is available in HE (High Efficiency), HLO (High Lumen Output) and integrated DALI Emergency. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded with grey glass fibre (RAL7035) with vent and anti-condensation device, heat dissipation device in aluminium alloy 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 stabilized PMMA lenses, with high efficiency, which allow a wide variety of light distributions 30°, 60°, 90°, Asymmetric and Elliptical. The version with through wiring has pre-wired mechanical and electrical connection components. Suspension, wall and projection appliances can be installed. It is available with three types of Colour Temperature (3000K / 4000K / 5700K), Color Rendering Index CRI>80 and two power supply options (ON/OFF or DALI).

GENERAL INFORMATION		OPTIC AND ILLUMINATING FEATURES	
Context	Logistics and industrial manufacturing lighting	Optiek	Array
Luminaire	LED Industrial Reflector	Unified Glare Rating	-
Toepassing	Intern	Lumen-vermogen (lm)	9500
Unique digital code (Datamatrix)	Datamatrix	Efficacy (lm/W)	148
Kleur	Grijs RAL 7035	Kleur temperatuur	3000 K
Type lichtbron	LED	Colour Rendering Index	CRI>80
System vermogen	64 W	Standard Deviation Colour Matching	SDCM = 3
LED Lifetime	L90B10(Tq25°C)>150.000h; L90B10(Tq50°C)=100.000h	Photobiological Risk Class	RG0
Gewicht (kg)	3.5	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
		Driver	Included
MATERIALS		Driver failure rate	F10 = 70.000h Tq25°C/35.000h Tq50°C
Body	PA6 "Halogen Free" loaded fibreglass	Overvoltage protection	DM 6kV / CM 6kV
Type plaat	Tempered glass Thickness 4mm	Control System	ON / OFF
Optic	Metallized polycarbonate reflector	INSTALLATION AND MAINTENANCE	
Gasket	anti-aging silicone	Mounting and installation	Ceiling - Wallmounting - Suspension
Locking Hook	-	Tilt	With bracket accessory
External screw	Roestvrij staal	Wiring	With GW connect watertight connector
Colour	Grijs RAL 7035	Bevestiging	-
STANDARDS AND APPROVALS		Light source replaceability	By professional
Classificering	-	Controlgear replaceability	By professional
Toestel met verlaagde oppervlaktetemperatuur	Ja	Driver Box	Ingebouwd
DIN 18032-3-certificering	With Bracket - Rope Kit + terminal (in approval)	Maximum surface exposed to the wind	0,097 m²
IPEA	-		-
Isolatie-klasse	I		-
IP-graad	IP66		-
Stootbestendigheid	IK08		-
Glow Wire Test	850 °C		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



SMART[4]

TECHNICAL SYMBOLOGY



IP
IP66

IK
IK08

GWT
850 °C

STANDARDS/APPROVALS

**UK
CA**

