

SMART [4]



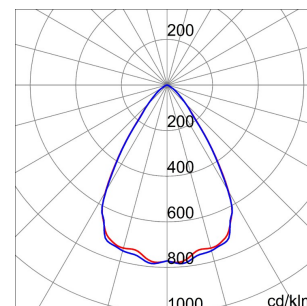
Smart [4] is a series of LED indoor appliances suitable for the lighting of industries and sports facilities. It is available in HE (High Efficiency), HLO (High Lumen Output) and integrated DALI Emergency. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded 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	Lighting for industries and large sports facilities	Optiek	60°
Luminaire	LED Industrial Reflector	Unified Glare Rating	UGR ≤ 22
Toepassing	Intern	Lumen-vermogen (lm)	39600
Unique digital code (Datamatrix)	Datamatrix	Efficacy (lm/W)	157
Kleur	Grijs RAL 7035	Kleur temperatuur	4000 K
Type lichtbron	LED	Colour Rendering Index	CRI>80
System vermogen	253 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)	13.5	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	Tempered glass Thickness 4mm
Overvoltage protection	DM 6 kV / CM 10 kV	Optic	Metallic PC reflector and PMMA lenses
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	0,350 m²	Isolatie-klasse	I
		IP-graad	IP66
		Stoot-bestendigheid	IK08
		Glow Wire Test	850 °C

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



SMART [4]

TECHNICAL SYMBOLOGY



0,350 m²



IP
IP66

IK
IK08

GWT
850 °C

STANDARDS/APPROVALS

