

Série SMART[3]



Smart [3] is a watertight fixture IP66/69 with Flip Type LED without wire bonding, available in 3000K,4000K,5700K, with CRI ≥80. IK08 body in RAL7035 colored self-exhausting polycarbonate, for industrial applications and ideal for production areas, warehouses, logistics areas and design to replace fluorescent devices and lowbay up to 6,500lm. Available in sizes 800, 1200, 1600mm, powers from 18W to 58W, flux range from 1.700lm to 6.500lm, with integrated Power On/Off or DALI and 2 different optical solutions UV-stabilized self-extinguishing polycarbonate, in opal or transparent finish. The version with passing wiring has mechanical and electrical connection components prewired, with up to 25 fixtures installed in a continuous row. The device can be hung or wall mounted and is available a GW bracket accessories with a tilt of 30° or 45° on the vertical axis. Available also with an emergency kit version.

GENERAL INFORMATION

Context	Lighting of warehouses, indoor parking and industrial production rooms
Luminaire	LED fixture for general lighting
Aplicação	Interno
Unique digital code (Datamatrix)	Datamatrix
Cor	Grey (RAL 7035)
Tipo de fonte luminosa	LED - Não substituível
Potência de sistema	50 W
LED Lifetime	L90B10(Tq25°C)=45.000h; L80B10(Tq25°C)=92.000h
Peso (kg)	2.5
Garantia	5 anos
Temperatura de armazenagem	-25 +80 °C
Operating temperature	-25 +50 °C
MATERIALS	-
Body	Polycarbonate
Vidro	UV stabilised polycarbonate
Optic	Integrated in the screen
Gasket	CNC deposited sealant
Locking Hook	-
External screw	-
Colour	RAL7035 colored PC paste
STANDARDS AND APPROVALS	-
Classificação	-
Aparelho com reduzida temperatura superficial	Si
Certificação DIN 18032-3	Not available
IPEA	-
Classe isolamento	II
Grau de protecção	IP66/IP69
Resistên. golpes	IK08
Glow Wire Test	850 °C

OPTIC AND ILLUMINATING FEATURES

Óptica	Microprismatic transparent
Unified Glare Rating	UGR ≤ 25 (4H/4H)
Lúmen saída (lm)	6500
Efficiency (lm/W)	130
Temperatura de cor	4000 K
Color Rendering Index	CRI>80
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0
Norma	EN60598-1; IEC 62778; IEC62471

ELETRICAL AND LIGHTING FEATURES

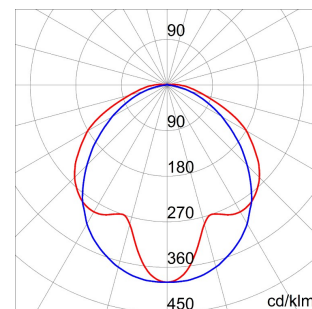
Tensão de alimentação	220 - 240 V
Frequência nominal (Hz)	50/60 Hz
Driver	Included
Driver failure rate	F10 = 100.000h Tq25°C
Overvoltage protection	DM 1KV / CM 2KV
Control System	Through wiring - On/Off

INSTALLATION AND MAINTENANCE

Mouting and installation	Ceiling - Wallmounting - Suspension
Tilt	With fixing bracket
Wiring	With GW connect watertight connector
Fixação	Stainless steel support
Optic Maintenance	Not available
LED Maintenance	Not available
Driver Box	Integrado
Superfície máxima exposta ao vento	-

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



IP

IP66/IP69

IK

IK08

GWT

850 °C

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STANDARDS/APPROVALS

