

SMART[3] PLUS



Smart [3] Plus is an IP66/69 ceiling light with LED Flip Type without wire boring, available in 3000K, 4000K, 5700K, with CRI ≥80 and ≥90. IK08 body in self-extinguishing polycarbonate RAL7035, for industrial applications and ideal for production areas, warehouses, and logistics areas. Can replace high flux and lowbay fluorescent devices up to 10,000lm. Available in sizes 800, 1200, 1600mm, powers from 25W to 63W, flows from 4,000lm to 10,000lm, with integrated On/Off or DALI power and 3 different optical solutions, Transparent, Opal and Transparent screen with medium-beam optics complete with TIR lens made of PMMA. The version with through wiring has pre-wired mechanical and electrical components, with a maximum of 25 devices installed in a continuous row. It is possible to install the suspension and wall appliance, accessories bracket GW with inclination of 30° or 45° on the vertical axis. An emergency kit version is available.

GENERAL INFORMATION

Context	Lighting of warehouses, indoor parking and industrial production rooms
Luminaire	LED fixture for general lighting
Toepassing	Intern
Unique digital code (Datamatrix)	Datamatrix
Kleur	Grijs RAL 7035
Type lichtbron	LED
System vermogen	38 W
LED Lifetime	L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10(Tq50°C)=94.000h
Gewicht (kg)	2.4
Garantie	5 jaar
Opslagtemperatuur	-25 +80 °C
Operating temperature	-25 +50 °C

MATERIALS

Body	Polycarbonate
Type plaat	UV stabilised polycarbonate
Optic	Integrated in the screen
Gasket	CNC deposited sealant
Locking Hook	-
External screw	-
Colour	RAL7035 colored PC paste

STANDARDS AND APPROVALS

Classificering	-
Toestel met verlaagde oppervlaktetemperatuur	Ja
DIN 18032-3-certificering	Not available
IPEA	-
Isolatie-klasse	II
IP-graad	IP66/IP69
Stoot-bestendigheid	IK08
Glow Wire Test	850 °C

OPTIC AND ILLUMINATING FEATURES

Optiek	Microprismatic transparent
Unified Glare Rating	UGR ≤ 25 (4H/4H)
Lumen-vermogen (lm)	4200
Efficacy (lm/W)	111
Kleur temperatuur	3000 K
Colour Rendering Index	CRI>90
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0
Standaard	EN60598-1; IEC 62778; IEC62471

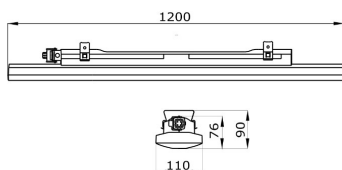
ELETRICAL AND LIGHTING FEATURES

Voedings-spanning	220-240 V
Nominale frequentie (Hz)	50/60 Hz
Driver	Included
Driver failure rate	F10 = 100.000h Tq25°C
Overvoltage protection	DM 1KV / CM 2KV
Control System	Through wiring - DALI

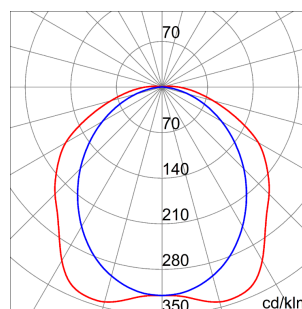
INSTALLATION AND MAINTENANCE

Mounting and installation	Ceiling - Wallmounting - Suspension
Tilt	With fixing bracket
Wiring	With GW connect watertight connector
Bevestiging	Stainless steel support
Light source replaceability	Non-replaceable
Controlgear replaceability	Non-replaceable
Driver Box	Ingebouwd
Maximum surface exposed to the wind	-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



SMART[3] PLUS

TECHNICAL SYMBOLOGY



IP
IP66/IP69

IK
IK08

GWT
850 °C

STANDARDS/APPROVALS

**UK
CA**

