

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 1200, 1600mm, powers from 38W 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 integrated DALI 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 power	50W (+5W Emerg.)
LED Lifetime	L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10(Tq50°C)=94.000h
Gewicht (kg)	4.2
Garantie	5 jaar
Opslagtemperatuur	-15°C + +25°C
Operating temperature	+5°C + +40 °C

Material	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	KITE MARK (Emergency KIT)
Toestel met verlaagde oppervlaktetemperatuur	Ja
DIN 18032-3-certificering	-
IPEA	-
Isolatie-klasse	II
IP-graad	IP65
Stootbestendigheid	IK08
Glow Wire Test	850 °C

OPTIC AND ILLUMINATING FEATURES

Optiek	Microprismatic transparent
Unified Glare Rating	UGR ≤ 25 (4H/4H)
Lumen output (lm)	5900 (500 Em.)
Efficacy (lm/W)	107
Kleurtemperatuur	5700 K
Colour Rendering Index	CRI >90
Standard Deviation Colour Matching	SDCM = 3
Photobiological Risk Class	RG0
Standaard	EN60598-1; IEC 62778; IEC62471; 60598-2-22

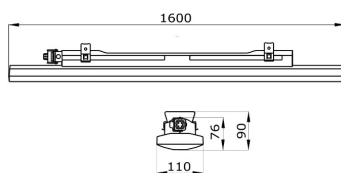
ELETRICAL AND LIGHTING FEATURES

Voedingsspanning	220 - 240 V
Nominale frequentie (Hz)	50 / 60
Driver	Included
Driver failure rate	F10 = 100.000h Tq25°C
Overvoltage protection	DM 1KV / CM 2KV
Control System	1 x DALI DT6 + 1 x DALI DT1 (Emerg. 3h)

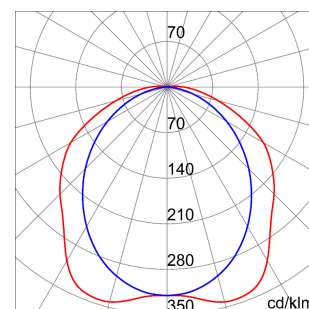
INSTALLATION AND MAINTENANCE

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
IP65

IK
IK08

GWT
850 °C

STANDARDS/APPROVALS

