

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 | 38W (+5W Emerg.) |
| LED Lifetime | L90B10(Tq25°C)=50.000h; L80B10(Tq25°C)=100.000h; L80B10(Tq50°C)=94.000h |
| Gewicht (kg) | 2.8 |
| Garantie | 5 jaar |
| Opslagtemperatuur | -15°C + +25°C |
| Operating temperature | +5°C + +40 °C |

OPTIC AND ILLUMINATING FEATURES

| | |
|------------------------------------|----------------------------|
| Optiek | Microprismatic transparent |
| Unified Glare Rating | UGR ≤ 25 (4H/4H) |
| Lumen output (lm) | 4500 (500 Em.) |
| Efficacy (lm/W) | 105 |
| Kleur temperatuur | 4000 K |
| Colour Rendering Index | CRI>90 |
| Standard Deviation Colour Matching | SDCM = 3 |
| Photobiological Risk Class | RG0 |

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 |

ELETRICAL AND LIGHTING FEATURES

| | |
|--------------------------|---|
| Voedings-spanning | 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) |

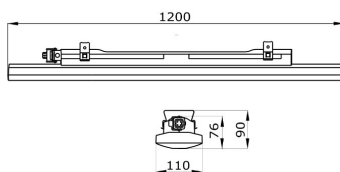
STANDARDS AND APPROVALS

| | |
|--|---------------------------|
| 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 |

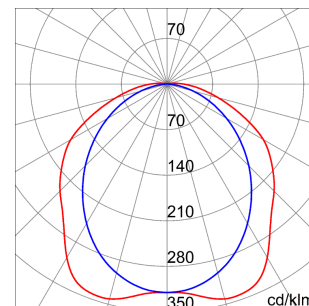
INSTALLATION AND MAINTENANCE

| | |
|-----------------------------|--------------------------------------|
| 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 |

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



SMART[3] PLUS

TECHNICAL SYMBOLOGY



IP
IP65

IK
IK08

GWT
850 °C

STANDARDS/APPROVALS

