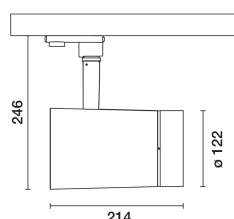


Product configuration: PY52.01

PY52.01: Ø122mm body - BLE Casambi - Super Spot optic - 15W 455.7lm - 3500K - CRI 97 - White



PY52.01: Ø122mm body - BLE Casambi - Super Spot optic - 15W 455.7lm - 3500K - CRI 97 - White

Adjustable spotlight with adapter for installation on an electrified track or base. High chromatic yield LED lamp with 3500K tone and OptiBeam Lens optic system and Super Spot optic. Luminaire made of die-cast aluminium and thermoplastic material that allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane with mechanical aiming locks. Passive heat dissipation. Spotlight with "Push&Go" system designed to hold up to three flat accessories at the same time. The same system can also be used to apply another external component selected from the directional flaps and anti-glare screen. All internal accessories rotate 360° about the spotlight longitudinal axis. Body complete with dimmable power supply unit and Casambi protocol. The components used allow the products to be controlled with the Casambi system app and components, enabling on-off, dimming and scene recall functions and allowing multiple luminaires to operate in a Casambi mesh network. 2.4 GHz bluetooth frequency. The app is available on the Apple Store and Google Play Store. Integrated Beacon that can be activated via an app (iBeacon) that enables smart functions for third party applications and the Jiminy Push Notification app.

Installation on an electrified track or base.

Weight (Kg)
2.13

wall surface/ceiling surface

Electronic components integrated in product

Max distance between products 8 m.
The maximum distance is affected by physical obstacles, like walls, metal panels and the layout of the system.

Complies with EN60598-1 and pertinent regulations



| | | | |
|--|------|--|---|
| Im system: | 456 | MacAdam Step: | 2 |
| W system: | 15 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Im source: | 980 | Lamp code: | LED |
| W source: | 11 | Number of lamps for optical assembly: | 1 |
| Luminous efficiency (lm/W, real value): | 30.4 | ZVEI Code: | LED |
| Im in emergency mode: | - | Number of optical assemblies: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0 | Power factor: | See installation instructions |
| Light Output Ratio (L.O.R.) [%]: | 47 | Inrush current: | 20 A / 25 µs |
| Beam angle [°]: | 4.7° | Maximum number of luminaires of this type per miniature circuit breaker: | B10A: 81 luminaires B16A: 130 luminaires C10A: 135 luminaires C16A: 221 luminaires |
| CRI (minimum): | 97 | Overvoltage protection: | 2kV Common mode & 1kV Differential mode |
| Colour temperature [K]: | 3500 | Control: | Casambi |

| h | d | Em | Emax |
|---|-----|------|------|
| 2 | 0.2 | 7325 | 9364 |
| 4 | 0.3 | 1831 | 2341 |
| 6 | 0.5 | 814 | 1040 |
| 8 | 0.7 | 458 | 585 |

Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 42 | 39 | 38 | 37 | 39 | 38 | 37 | 36 | 77 |
| 1.0 | 43 | 41 | 40 | 39 | 41 | 40 | 39 | 38 | 82 |
| 1.5 | 46 | 44 | 43 | 42 | 44 | 43 | 42 | 41 | 88 |
| 2.0 | 47 | 46 | 45 | 44 | 45 | 45 | 44 | 43 | 92 |
| 2.5 | 48 | 47 | 47 | 46 | 47 | 46 | 46 | 44 | 95 |
| 3.0 | 49 | 48 | 48 | 47 | 47 | 47 | 46 | 45 | 97 |
| 4.0 | 49 | 49 | 49 | 48 | 48 | 48 | 47 | 46 | 99 |
| 5.0 | 50 | 49 | 49 | 49 | 49 | 48 | 48 | 46 | 100 |

Luminance curve limit

