Design Artec Studio

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Product configuration: Q636.01+MZ45.04

Q636.01: Palco LV spotlight Ø 51 - spot beam - 15.9W 1121.7lm - 3000K - CRI 90 - White

MZ45.04: Honeycomb louvre - Black



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Product code

Q636.01: Palco LV spotlight Ø 51 - spot beam - 15.9W 1121.7lm - 3000K - CRI 90 - White

Technical description

Miniaturised adjustable spotlight with adapter for installation on 48V low voltage track. Made of die-cast aluminium with passive dissipation system. The adapter made of a thermoplastic material includes the DC/DC driver circuit with a DALI dimmable function. Integrated «power line» technology allows each spotlight mounted on the track to be regulated separately. The swivel joints allow the spotlight to be rotated by 360° and tilted by 90°. The set back position of the optic unit guarantees a high level of visual comfort. Thermoplastic high definition lens with extra filter for variable optic. A rapid tool-free system for connecting the adapter electrically and mechanically to the track.

Installation

Mechanical fastening with adapter on track.

Colour White (01) Weight (Kg)

0.28



Low voltage track

Wiring

Integrated DC/DC LED driver in adapter - direct connection on 48V track. Track power supply unit to be ordered separately.

Notes

Technical and anti-glare accessories available.

Complies with EN60598-1 and pertinent regulations





















Accessory code

MZ45.04: Honeycomb louvre - Black

Technical description

Honeycomb louvre - reduces direct glare significantly.

Installation

in contact with the accessory holder after the spacer ring has been removed.

Colour Black (04) Weight (Kg)

0.01

Complies with EN60598-1 and pertinent regulations



| Technical data | | | | |
|------------------------------|-----------|-----------------------------|---------------------------------|--|
| Im system: | 715 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) | |
| W system: | 15.9 | Lamp code: | LED | |
| Im source: | 1460 | Number of lamps for optical | 1 | |
| W source: | 15 | assembly: | | |
| Luminous efficiency (Im/W, | 45 | ZVEI Code: | LED | |
| real value): | | Number of optical | 1 | |
| Im in emergency mode: | - | assemblies: | | |
| Total light flux at or above | 0 | LED current [mA]: | 400 | |
| an angle of 90° [Lm]: | | Power factor: | See installation instructions | |
| Light Output Ratio (L.O.R.) | 49 | Minimum dimming %: | 5 | |
| [%]: | | Overvoltage protection: | 2kV Common mode & 1kV | |
| Beam angle [°]: | 14° / 13° | | Differential mode | |
| CRI (minimum): | 90 | Dimming mode: | CCR | |
| Colour temperature [K]: | 3000 | Control: | DALI | |
| MacAdam Step: | 2 | | | |

Polar

| Imax=7863 cd C0 | 0-180 L | ux | | | | |
|-----------------|-------------|----|-----|-----|------|------|
| 90° | 90° | h | d1 | d2 | Em | Emax |
| | $\int \int$ | 2 | 0.5 | 0.5 | 1487 | 1966 |
| | \nearrow | 4 | 0.9 | 1 | 372 | 491 |
| 7500 | | 6 | 1.4 | 1.5 | 165 | 218 |
| α=13° | | 8 | 1.8 | 2 | 93 | 123 |