

Palco Low Voltage

Design Artec
Studio

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Product configuration: Q650.01+GOBO10B

Q650.01: Palco LV spotlight Ø 37 - Framer - 8W 35.5lm - 3000K - CRI 90 - White

GOBO10B: Gobo ø10mm - min focusing



Product code

Q650.01: Palco LV spotlight Ø 37 - Framer - 8W 35.5lm - 3000K - CRI 90 - White **Attention! Code no longer in production**

Technical description

Miniaturised adjustable projector spotlight with adapter for installation on 48V low voltage track. The adapter made of a thermoplastic material includes the DC/DC driver circuit with a DALI dimmable function. Technical body for LED lamp made of die-cast aluminium; high definition OptiBeam reflector. The aluminium optical assembly includes a sophisticated telecentric optic system consisting of four anti-reflection treated glass lenses. Black anodised aluminium locknut for manual focusing. The innovative optic system, combined with the option of manual adjustment and four shaping flaps provides sharp and precise wall illumination with no halo effects or soft edges. The optical assembly is secured to the technical body with a rapid and practical magnetic system; this solution allows the unit to be rotated by 360° which considerably increases its versatility. The spotlight is designed to obtain a square, rectangular or irregular-shaped emission by adjusting the flaps: two gobos for circular shaping are also included in the package. 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)
0.19

Mounting

Low voltage track

Wiring

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

Complies with EN60598-1 and pertinent regulations



Technical data

| | | | |
|----------------------------------------------------|------|---------------------------------------|-----------------------------------------|
| Im system: | 135 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| W system: | 8 | Voltage [Vin]: | 48 |
| Im source: | 710 | Lamp code: | LED |
| W source: | 6.5 | Number of lamps for optical assembly: | 1 |
| Luminous efficiency (Im/W, real value): | 16.9 | ZVEI Code: | LED |
| Im in emergency mode: | - | Number of optical assemblies: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0 | LED current [mA]: | 700 |
| Light Output Ratio (L.O.R.) [%]: | 19 | Power factor: | See installation instructions |
| CRI (minimum): | 90 | Minimum dimming %: | 5 |
| Colour temperature [K]: | 3000 | Overtoltage protection: | 2kV Common mode & 1kV Differential mode |
| MacAdam Step: | 2 | Control: | DALI |

Polar

