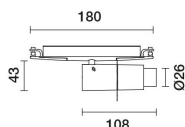


Product configuration: RE56+GOBO5A

GOBO5A: Gobo ø5mm - max focusing



RE56: Palco LV spotlight Ø 37 - Professional Framer with lock and safety fastening

Miniaturised adjustable framer spotlight with adapter for installation on 48V low voltage track - version with mechanical tilt lock and safety fastening on track. 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 on the track to be adjusted separately. Die-cast aluminium technical body for LED lamp; high definition OptiBeam reflector. The aluminium optical assembly includes a sophisticated telecentric optics system consisting of four anti-reflection-treated glass lenses. Black anodised aluminium locknut for manual focusing. The innovative optical system, combined with the option of manual adjustment and four shaping flaps, allows precise, well-defined wall lighting with no halo effects or soft edges. The optical assembly is fixed to the technical body with a rapid and practical magnetic system. This solution allows it to be rotated by 360° which increases its versatility considerably. The projector is designed to obtain a square, rectangular or variously irregular beam by manoeuvring the flaps. The package includes two gobos for circular shapes. Fastened mechanically to the track with tool-free safety levers - an external pin that is activated manually allows the inclination of the luminaire to be locked and guarantee stability and high precision aiming.

Fastened mechanically to the track with safety levers - Equipped with a manual lock for securing the inclination of the luminaire.

Weight (Kg)
0.46

Low voltage track

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



| | | | |
|--|------|---------------------------------------|---|
| Im system: | 36 | 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 (lm/W, real value): | 4.4 | ZVEI Code: | LED |
| Im in emergency mode: | - | Number of optical assemblies: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0 | LED current [mA]: | 700 |
| Light Output Ratio (L.O.R.) [%]: | 5 | Power factor: | See installation instructions |
| CRI (minimum): | 90 | Minimum dimming %: | 5 |
| Colour temperature [K]: | 3000 | Overvoltage protection: | 2kV Common mode & 1kV Differential mode |
| MacAdam Step: | 2 | Control: | DALI |

Diagram illustrating light distribution and beam characteristics:

- Beam Intensity: $I_{\text{max}} = 1075 \text{ cd}$
- Beam Angle: 180°
- Beam Width: 1000
- Beam Shape: 0°

Table of values:

| CIE | DIN | UTE | CIBSE |
|------------------|------|----------------------------|---|
| nL 0.05 | A.61 | $0.05A + 0.00T$ | LG3 $L < 1500 \text{ cd/m}^2$ at 65° |
| 99-100-100-100-5 | | $F^*1 = 992$ | UGR < 10 $L < 1500 \text{ cd/mq}$ @ |
| UGR $< 10 < 10$ | | $F^*1 + F^*2 = 996$ | |
| | | $F^*1 + F^*2 + F^*3 = 998$ | |