

Last information update: May 2018



Palco LV spotlight Ø 37 - horizontal rod - medium beam

Product code

Q646

Technical description

Miniaturised adjustable spotlight with a cantilever horizontal rod. This solution is ideal for lighting paintings and vertical surfaces efficiently. Adapter for a 48V low voltage track integrated in a die-cast zamak structure with a safety system for securing it to the track. Aluminium support rod with adjustable -10° / +45° tilting and mechanical locking. The swivel joint at the end of the rod allows the spotlight to be rotated horizontally by 90° in the opposite direction and tilted vertically by 0° - 90°. The optic unit is in a set back position with a plastic high definition lens. 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.

Installation

The structure is secured mechanically to the track with an adapter and a "turn & block" safety system.

Dimension (mm)

Ø37

Colour

White (01) | Black (04)

Weight (Kg)

0.2

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



IP20



Product configuration: Q646

Product characteristics

Total lighting output [Lm]: 376.3
 Total power [W]: 8.6
 Luminous efficacy [Lm/W]: 43.8
 Life Time: 50,000h - L80 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90° [Lm]: 0
 Emergency luminous flux [Lm]: /
 Voltage [V]: -
 Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 71
 Lamp code: LED
 ZVEI Code: LED
 Nominal power [W]: 7.2
 Nominal luminous [Lm]: 530
 Lamp maximum intensity [cd]: /
 Beam angle [°]: 24°

Number of lamps for optical assembly: 1
 Socket: /
 Ballast losses [W]: 1.4
 Colour temperature [K]: 2700
 CRI: 90
 Wavelength [Nm]: /
 MacAdam Step: 3

Polar

