

Last information update: May 2018



Palco LV spotlight Ø 19 - Framer

Product code

Q649

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 zamak; high definition 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 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 projector - designed to obtain a precise circular shape emission - is supplied with an integrated Ø 4 mm gobo. Additional gobos with different projection diameters (Ø 2-3-5 mm), which may be required for various pointing needs, are 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.

Dimension (mm)

Ø19

Colour

White (01) | Black (04)

Weight (Kg)

0.08

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



Product configuration: Q649+GOBO2

GOBO2: Gobo ø2 mm

Product characteristics

Total lighting output [Lm]: 3
 Total power [W]: 3.4
 Luminous efficacy [Lm/W]: 0.9
 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.) [%]: 2
 Lamp code: LED
 ZVEI Code: LED
 Nominal power [W]: 2
 Nominal luminous [Lm]: 160
 Lamp maximum intensity [cd]: /
 Beam angle [°]: /

Number of lamps for optical assembly: 1
 Socket: /
 Ballast losses [W]: 1.4
 Colour temperature [K]: 2700
 CRI: 90
 Wavelength [Nm]: /
 MacAdam Step: 2

Polar

