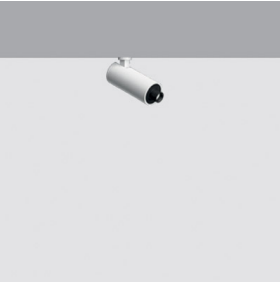


Last information update: June 2018



Palco LV spotlight Ø 19 - Framer

**Product code**  
Q648

**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 spotlight is designed to obtain a circular-shaped emission: a gobo with different projection diameters is 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

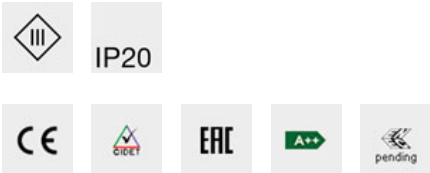
**Colour**  
White (01) | Black (04)

**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: Q648+GOBO2**  
GOBO2: Gobo ø2 mm

<b>Product characteristics</b>	
Total lighting output [Lm]: 3	Total luminous flux at or above an angle of 90° [Lm]: 0
Total power [W]: 3.4	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 1	Voltage [V]: -
Life Time: > 50,000h - L80 - B10 (Ta 25°C)	Number of optical assemblies: 1

<b>Optical assembly Characteristics Type 1</b>	
Light Output Ratio (L.O.R.) [%]: 2	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED	Ballast losses [W]: 1.4
Nominal power [W]: 2	Colour temperature [K]: 3000
Nominal luminous [Lm]: 170	CRI: 90
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Beam angle [°]: /	MacAdam Step: 2

Polar

