

## Palco Low Voltage

Design Artec  
Studio

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### Product configuration: Q649.01+GOBO2

Q649.01: Palco LV spotlight Ø 19 - Framer - 3.4W 3.6lm - 2700K - CRI 90 - White  
GOBO2: Gobo ø2 mm

### Product code

Q649.01: Palco LV spotlight Ø 19 - Framer - 3.4W 3.6lm - 2700K - CRI 90 - White

### 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.

**Colour**  
White (01)

**Weight (Kg)**  
0.08

### Mounting

Low voltage track

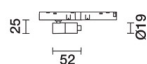
### Wiring

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



IP20



### Technical data

Im system:	4	MacAdam Step:	2
W system:	2	Lamp code:	LED
Im source:	180	Number of lamps for optical assembly:	1
W source:	2	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	1.8	Number of optical assemblies:	1
Im in emergency mode:	-	LED current [mA]:	700
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	2	Minimum dimming %:	5
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	2700	Control:	DALI

### Polar

