

## Palco Low Voltage

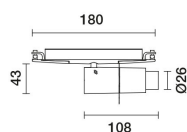
Design Artec  
Studio

iGuzzini

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### Product configuration: 046B+GOBO\_D05+F\_MAX

046B: Palco LV spotlight Ø 37 - Professional Framer with lock and safety fastening - DALI Powerline



### Product code

046B: Palco LV spotlight Ø 37 - Professional Framer with lock and safety fastening - DALI Powerline

### Technical description

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.

### Installation

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

### Colour

White (01) | Black (04)

### Weight (Kg)

0.29

### 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:	36.5	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
W system:	8.0	Voltage [Vin]:	48
Im source:	730	Lamp code:	LED
W source:	6.5	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	4.56	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0.0	LED current [mA]:	0.7
Light Output Ratio (L.O.R.) [%]:	5	Power factor:	See installation instructions
Beam angle [°]:	12°	Minimum dimming %:	5
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	3500	Control:	DALI
MacAdam Step:	2		