

Palco Low Voltage

Design Artec
Studio

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Product configuration: PU37+GOBO_D05+F_MAX

PU37: Palco LV spotlight Ø 37 - Professional Framer with lock and safety fastening



Product code

PU37: Palco LV spotlight Ø 37 - Professional Framer with lock and safety fastening

Technical description

Miniaturised adjustable framer spotlight with adapter for installation on 48V Filorail low voltage track - version with mechanical tilt lock and safety fastening on track. The adapter is made of a thermoplastic material and includes a driver circuit with PWM (Pulse with modulation) technology. The integrated PWM technology allows the light intensity to be adjusted by creating the effect of a dimmed light without altering the quality of the light. 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

On a low voltage Filorail track. A tool-free system for connecting the product electrically and mechanically to the track.

Colour

White (01) | Black (04)

Weight (Kg)

0.1

Mounting

Low voltage track

Wiring

LED driver integrated in adapter - direct connection on 48V track. Track power supply unit to be ordered separately.

Notes

The miniaturized projectors use the DALI Broadcast protocol and can only be installed on the straight section of the track.

Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	37.5	MacAdam Step:	2
W system:	7.8	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25C)
Im source:	750	Voltage [Vin]:	48
W source:	6.5	Lamp code:	LED
Luminous efficiency (Im/W, real value):	4.81	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0.0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	5	LED current [mA]:	0.7
Beam angle [°]:	12°	Power factor:	See installation instructions
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	4000	Control:	PWM