

## Palco Low Voltage

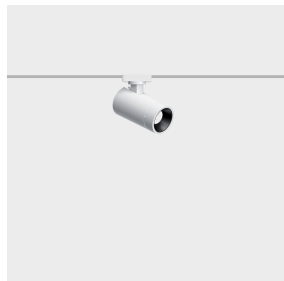
Design Artec  
Studio

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Last information update: June 2025

### Product configuration: PU29

PU29: Palco LV spotlight Ø 19 - Spot beam



### Product code

PU29: Palco LV spotlight Ø 19 - Spot beam

### Technical description

Miniaturised adjustable spotlight with adapter for installation on a 48V Filorail low voltage track. Made of die-cast zamak with a passive dissipation system. 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. The swivel joints allow the spotlight to be rotated by 360° and tilted by 90°. The set back position of the optic unit guarantees a high level of visual comfort with a thermoplastic high definition lens. A rapid tool-free system for connecting the adapter electrically and mechanically to the track.

### 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)

0.05

### Mounting

Low voltage track

### Wiring

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

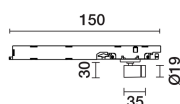
### Notes

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



IP20



### Technical data

Im system:	140.3	MacAdam Step:	2
W system:	3.4	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25C)
Im source:	230	Voltage [Vin]:	48
W source:	2	Lamp code:	LED
Luminous efficiency (Im/W, real value):	41.26	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.) [%]:	61	LED current [mA]:	0.7
Beam angle [°]:	14°	Power factor:	See installation instructions
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	4000	Control:	PWM