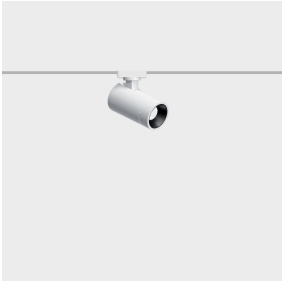


Last information update: June 2025

**Product configuration: PU31**  
PU31: Palco LV spotlight Ø 19 - Medium beam



**Product code**  
PU31: Palco LV spotlight Ø 19 - Medium 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.

<b>Colour</b>	<b>Weight (Kg)</b>
White (01)   Black (04)	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



Technical data			
Im system:	127.3	MacAdam Step:	2
W system:	3.4	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25C)
Im source:	190	Voltage [Vin]:	48
W source:	2	Lamp code:	LED
Luminous efficiency (Im/W, real value):	37.44	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.) [%]:	67	LED current [mA]:	0.7
Beam angle [°]:	24°	Power factor:	See installation instructions
CRI:	90	Overvoltage protection:	0kV Common mode & 0kV Differential mode
Colour temperature [K]:	3000	Control:	PWM