

## Palco Low Voltage

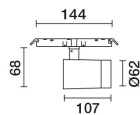
Design Artec  
Studio

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Last information update: May 2025

### Product configuration: QW99.01

QW99.01: Palco LV spotlight Ø 62 - Medium beam - 19.5W 1833lm - 4000K - CRI 90 - White



### Product code

QW99.01: Palco LV spotlight Ø 62 - Medium beam - 19.5W 1833lm - 4000K - CRI 90 - White

### Technical description

Adjustable spotlight with adapter for installation on 48V low voltage track. Made of die-cast aluminium with passive dissipation system. 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. 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. Superpure aluminium reflector with high definition OPTI BEAM technology. 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)

0.41

### 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.

### Notes

Technical and anti-glare accessories available; with option of the combined installation of two internal accessories.

Complies with EN60598-1 and pertinent regulations



### Technical data

Im system:	1833	MacAdam Step:	2
W system:	19.5	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Im source:	2350	Voltage [Vin]:	48
W source:	18	Lamp code:	LED
Luminous efficiency (Im/W, real value):	94	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	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	78	LED current [mA]:	520
Beam angle [°]:	26°	Power factor:	See installation instructions
CRI (minimum):	90	Minimum dimming %:	5
Rf (Colour Fidelity Index):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Rg (Gamut Index):	98	Dimming mode:	CCR
Colour temperature [K]:	4000	Control:	DALI

### Polar

Imax=8259 cd				Lux			
90°	180°	90°		h	d	Em	Emax
				8	3.6	104	129
				16	7.3	26	32
				24	10.9	12	14
				32	14.6	6	8
α = 26°							

# Isolux

