

Palco Low Voltage

Design Artec
Studio

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Last information update: March 2025

Product configuration: Q653.01

Q653.01: Palco LV spotlight Ø 51 - Wall Washer - 15.9W 262.3lm - 2700K - CRI 90 - White



Product code

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Technical description

Miniaturised 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 with a DALI dimmable function. The swivel joints allow the spotlight to be rotated by 360° and tilted by 90°. Thermoplastic high definition lens with extra filter for variable optic. Asymmetric screen designed to create a homogeneous effect on walls from top to bottom and avoid shadow zones near the ceiling. 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)

0.29

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.

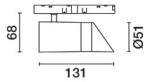
Notes

To optimize vertical illumination consult the installation distance recommendations in the instructions sheet.

Complies with EN60598-1 and pertinent regulations



IP20



Technical data

Im system:	262	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	15.9	Lamp code:	LED
Im source:	1380	Number of lamps for optical assembly:	1
W source:	15	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	16.5	Number of optical assemblies:	1
Im in emergency mode:	-	LED current [mA]:	400
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	19	Minimum dimming %:	5
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	2700	Dimming mode:	CCR
MacAdam Step:	2	Control:	DALI

Polar

Imax=583 cd		C0-180		Lux	
h	d1	d2	Em	Emax	
2	1.3	1.3	109	144	
4	2.5	2.6	27	36	
6	3.8	3.9	12	16	
8	5	5.2	7	9	

$\alpha = 35^\circ / 36^\circ$

Isolux

