Palco Low Voltage

Design Artec Studio **iGuzzini**

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Product configuration: QX09.01
QX09.01: Palco LV spotlight Ø 51 - Wall Washer - 15.9W 296.6lm - 4000K - CRI 90 - White

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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. 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°. 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	Weight (Kg)
White (01)	0.29

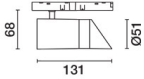### Mounting
Low voltage track

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

Technical data

lm system:	297	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	15.9	Lamp code:	LED
lm source:	1560	Number of lamps for optical assembly:	1
W source:	15		
Luminous efficiency (lm/W, real value):	18.7	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	LED current [mA]:	400
Light Output Ratio (L.O.R.) [%]:	19	Power factor:	See installation instructions
		Minimum dimming %:	5
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	4000	Dimming mode:	CCR
MacAdam Step:	2	Control:	DALI

Polar

Imax=660 cd C0-180

α=35° / 36°

h	d1	d2	Em	Emax
2	1.3	1.3	123	163
4	2.5	2.6	31	41
6	3.8	3.9	14	18
8	5	5.2	8	10

Isolux

Lux
h=5 m.
α=0°

LED
/
15.9 W

16 7 3 1.3 0.7 0.4 0.2 0.1 0.0

-1 0 1 2 3 4 5 6 7 8 9 m