

Palco Low Voltage

Last information update: April 2025

**Product configuration: RC14**  
RC14: Palco LV spotlight Ø 19 - medium beam - Bluetooth



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**Technical description**  
Miniaturised adjustable spotlight with adapter for installation on 48V low voltage track. Made of die-cast zamak with a passive dissipation system. The adapter made of a thermoplastic material includes the DC/DC driver circuit and Bluetooth protocol. A rapid tool-free system for connecting the adapter electrically and mechanically to the track. 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. Luminaire with Bluetooth Low Energy technology (WiSilica). Frequency 2.4 GHz BLE. The luminaire can be controlled with the Quick BLE system and Smart Light Control app that enable on-off, dimming and scene recall functions. The app is available on the Apple Store and Google Play Store. It can be integrated in the system's "Mesh" network that allows multiple luminaires to be controlled. OTA (over the air) update via app. Integrated Beacon that can be activated via Smart Light Control (Eddystone, iBeacon, Alt Beacon) that enables functions including push notification and indoor navigation-wayfinding.

**Installation**  
An adapter is used to fix the device mechanically and tool-free to the 48V track. Max luminaire-luminaire distance (\*): 8 m; max smartphone-luminaire distance (\*): 20 m.

<b>Colour</b>	<b>Weight (Kg)</b>
White (01)   Black (04)	0.06

**Mounting**  
Low voltage track

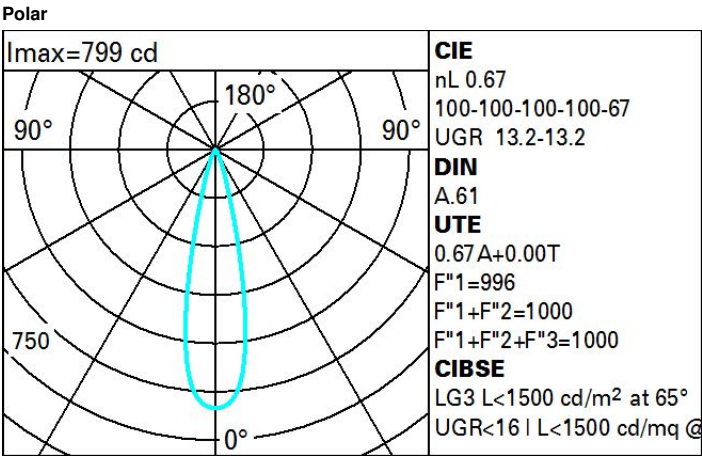
**Wiring**  
Direct connection on 48V track. Track power supply unit to be ordered separately. Luminaire can be controlled with Bluetooth technology (WiSilica)

**Notes**  
(\*) The maximum distance is affected by physical obstacles, like walls, metal panels and the layout of the system. We suggest that a test is conducted at the installation site.

Complies with EN60598-1 and pertinent regulations



Technical data			
Im system:	154	MacAdam Step:	2
W system:	3.6	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Im source:	230	Voltage [Vin]:	48
W source:	2	Lamp code:	LED
Luminous efficiency (Im/W, real value):	42.8	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.) [%]:	67	LED current [mA]:	700
Beam angle [°]:	24°	Power factor:	See installation instructions
CRI (minimum):	90	Minimum dimming %:	1
Colour temperature [K]:	4000	Control:	Bluetooth WiSilica



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