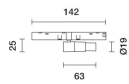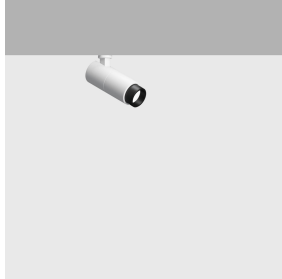# Palco Low Voltage

Design Artec Studio   **iGuzzini**

Last information update: March 2025

Product configuration: RC10+WIDE
RC10: Palco Beamer LV projector Ø 19 - Bluetooth
WIDE: Wide

Product code
RC10: Palco Beamer LV projector Ø 19 - Bluetooth

Technical description
Beamer projector designed to create a cone-shaped light distribution that can be varied from 10° to 65°. The projector is miniaturised and can be rotated by 360° and tilted by 90°. An adapter for installation on a 48V low voltage track is included. 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 luminaire's LED lamp technical housing is made of cast zamak. The aluminium optical assembly housing includes a sophisticated anti-reflection-treated glass lens system. Black anodised aluminium locknut for manual focusing. The optic system, combined with the option of manual adjustment provides sharp and well-defined illumination with no halo effects or soft edges. 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.

Colour	Weight (Kg)
White (01) | Black (04)	0.08

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

lm system:	140	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
W system:	5.1	Voltage [Vin]:	48
lm source:	390	Lamp code:	LED
W source:	3.9	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	27.5	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]:	350
Light Output Ratio (L.O.R.) [%]:	36	Power factor:	See installation instructions
CRI (minimum):	90	Minimum dimming %:	1
Colour temperature [K]:	4000	Control:	Bluetooth WiSilica
MacAdam Step:	3		

Polar

Imax=153 cd C85-265

180°

90° 90°

150

0°

CIE
nL 0.36
99-100-100-100-36
UGR 25.2-25.1
DIN
A.61
UTE
0.36A+0.00T
F"1=991
F"1+F"2=998
F"1+F"2+F"3=1000