Palco

Design Artec Studio | **iGuzzini**

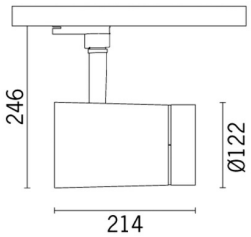
Last information update: October 2024

Product configuration: RC06
RC06: Warm white medium body spotlight - Bluetooth - Flood optic

Product code
RC06: Warm white medium body spotlight - Bluetooth - Flood optic

Technical description
Adjustable spotlight with adapter for installation on a mains voltage track. Luminaire made of die-cast aluminium. Spotlight double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Mechanical aiming locks for rotation on both the vertical axis and horizontal plane. Optical assembly made up of Warm White 3000 K, high colour rendering CRI 97, C.o.B LEDs. Luminaire with Bluetooth Low Energy technology (Casambi). Frequency 2.4 GHz. The luminaire can be controlled with the Casambi system app and components 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 an app (iBeacon) that enables smart functions for third party applications.

Installation
Electrified track or base-mounted. Max luminaire-luminaire distance (*): 8 m; max smartphone-luminaire distance (*): 20 m.



Colour
White (01) | Black (04)

Weight (Kg)
2.1

Mounting
dali track|three circuit track|wall surface|ceiling surface

Wiring
Luminaire that can be controlled with Bluetooth technology (Casambi)

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

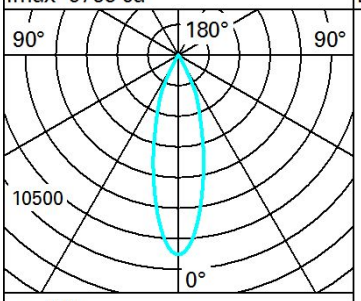
IP20

Technical data

lm system:	2925	Colour temperature [K]:	3000
W system:	39.2	MacAdam Step:	2
lm source:	3750	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	36	Lamp code:	LED
Luminous efficiency (lm/W, real value):	74.6	Number of lamps for optical assembly:	1
lm 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	Power factor:	See installation instructions
Beam angle [°]:	30°	Control:	Bluetooth Casambi
CRI (minimum):	97		

Polar

Imax=9765 cd

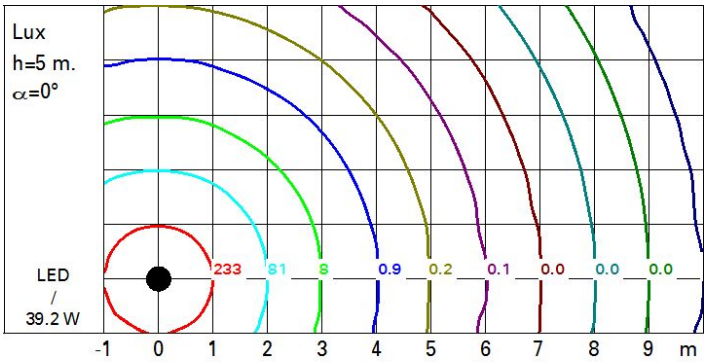


α=29°

Lux

h	d	Em	Emax
2	1	1835	2441
4	2.1	459	610
6	3.1	204	271
8	4.1	115	153

Isolux



UGR diagram

Corrected UGR values (at 3750 lm bare lamp luminous flux)

Riflect.:											
ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim				viewed					viewed		
x	y			crosswise					endwise		
2H	2H	6.5	7.0	6.8	7.3	7.5	6.5	7.0	6.8	7.3	7.5
	3H	6.4	6.9	6.7	7.1	7.4	6.4	6.9	6.7	7.1	7.4
	4H	6.3	6.8	6.6	7.1	7.4	6.3	6.8	6.6	7.1	7.4
	6H	6.2	6.7	6.6	7.0	7.3	6.2	6.7	6.6	7.0	7.3
	8H	6.2	6.6	6.6	6.9	7.3	6.2	6.6	6.6	6.9	7.3
	12H	6.2	6.6	6.5	6.9	7.2	6.2	6.6	6.5	6.9	7.2
4H	2H	6.3	6.8	6.6	7.1	7.4	6.3	6.8	6.6	7.1	7.4
	3H	6.2	6.6	6.6	6.9	7.3	6.2	6.6	6.6	6.9	7.3
	4H	6.1	6.5	6.5	6.8	7.2	6.1	6.5	6.5	6.8	7.2
	6H	6.0	6.3	6.4	6.7	7.1	6.0	6.3	6.5	6.7	7.1
	8H	6.0	6.3	6.4	6.7	7.1	6.0	6.3	6.4	6.7	7.1
	12H	5.9	6.2	6.4	6.6	7.1	5.9	6.2	6.4	6.6	7.1
8H	4H	6.0	6.3	6.4	6.7	7.1	6.0	6.3	6.4	6.7	7.1
	6H	5.9	6.1	6.4	6.6	7.0	5.9	6.1	6.4	6.6	7.0
	8H	5.8	6.0	6.3	6.5	7.0	5.8	6.0	6.3	6.5	7.0
	12H	5.8	5.9	6.3	6.4	7.0	5.8	5.9	6.3	6.4	7.0
12H	4H	5.9	6.2	6.4	6.6	7.1	5.9	6.2	6.4	6.6	7.1
	6H	5.8	6.0	6.3	6.5	7.0	5.8	6.0	6.3	6.5	7.0
	8H	5.8	5.9	6.3	6.4	7.0	5.8	5.9	6.3	6.4	7.0

Variations with the observer position at spacing:

S =	1.0H	5.8 / -9.5	5.8 / -9.5
	1.5H	8.6 / -11.8	8.6 / -11.8
	2.0H	10.6 / -13.0	10.6 / -13.0