

Palco Pro

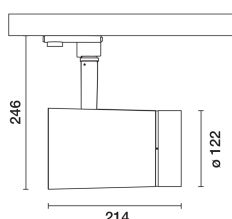
Design Artec
Studio

iGuzzini

Last information update: March 2025

Product configuration: PY44.01

PY44.01: Ø122mm body - BLE Casambi - Super Spot optic - Warm White - 15W 427.8lm - 3000K - CRI 97 - White



Product code

PY44.01: Ø122mm body - BLE Casambi - Super Spot optic - Warm White - 15W 427.8lm - 3000K - CRI 97 - White

Technical description

Adjustable spotlight with adapter for installation on an electrified track or base. High chromatic yield LED lamp with Warm White (3000K) tone and OptiBeam Lens optic system and Super Spot optic. Luminaire made of die-cast aluminium and thermoplastic material that allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane with mechanical aiming locks. Passive heat dissipation. Spotlight with "Push&Go" system designed to hold up to three flat accessories at the same time. The same system can also be used to apply another external component selected from the directional flaps and anti-glare screen. All internal accessories rotate 360° about the spotlight longitudinal axis. Body complete with dimmable power supply unit and Casambi protocol. The components used allow the products to be controlled with the Casambi system app and components, enabling on-off, dimming and scene recall functions and allowing multiple luminaires to operate in a Casambi mesh network. 2.4 GHz bluetooth frequency. The app is available on the Apple Store and Google Play Store. Integrated Beacon that can be activated via an app (iBeacon) that enables smart functions for third party applications and the Jiminy Push Notification app.

Installation

Installation on an electrified track or base.

Colour
White (01)

Weight (Kg)
2.13

Mounting

wall surface|ceiling surface

Wiring

Electronic components integrated in product

Notes

Max distance between products 8 m.

The maximum distance is affected by physical obstacles, like walls, metal panels and the layout of the system.

Complies with EN60598-1 and pertinent regulations



IP20

IP40

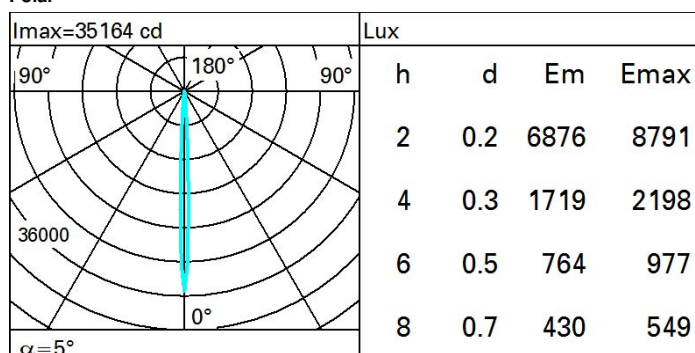
for optical
assembly



Technical data

lm system:	428	MacAdam Step:	2
W system:	15	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
lm source:	920	Lamp code:	LED
W source:	11	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	28.5	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	47	Inrush current:	20 A / 25 µs
Beam angle [°]:	4.7°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 81 luminaires B16A: 130 luminaires C10A: 135 luminaires C16A: 221 luminaires
CRI (minimum):	97	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	3000	Control:	Casambi

Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	42	39	38	37	39	38	37	36	77
1.0	43	41	40	39	41	40	39	38	82
1.5	46	44	43	42	44	43	42	41	88
2.0	47	46	45	44	45	45	44	43	92
2.5	48	47	47	46	47	46	46	44	95
3.0	49	48	48	47	47	47	46	45	97
4.0	49	49	49	48	48	48	47	46	99
5.0	50	49	49	49	49	48	48	46	100

Luminance curve limit

