

## Palco Pro

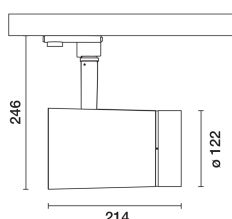
Design Artec  
Studio

iGuzzini

Last information update: May 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

W system: 15

lm source: 920

W source: 11

Luminous efficiency (lm/W, real value): 28.5

lm in emergency mode: -

Total light flux at or above an angle of 90° [Lm]: 0

Light Output Ratio (L.O.R.) [%]: 47

Beam angle [°]: 4.7°

CRI (minimum): 97

Colour temperature [K]: 3000

MacAdam Step: 2

Life Time LED 1: > 50,000h - L90 - B10 (Ta 25°C)

Lamp code: LED

Number of lamps for optical assembly: 1

ZVEI Code: LED

Number of optical assemblies: 1

Power factor: See installation instructions

Inrush current: 20 A / 25 µs

Maximum number of luminaires of this type per miniature circuit breaker:

B10A: 81 luminaires

B16A: 130 luminaires

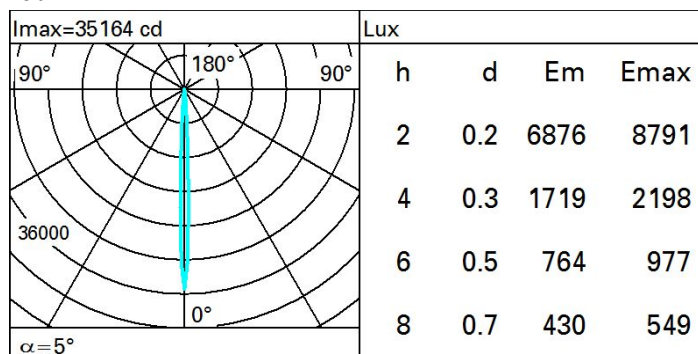
C10A: 135 luminaires

C16A: 221 luminaires

Overvoltage protection: 2kV Common mode & 1kV Differential mode

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

