Palco Pro
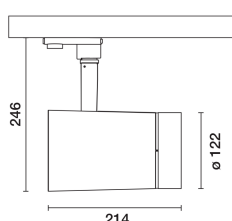
Product configuration: PY48.01
PY48.01: Ø122mm body - BLE Casambi - Super Spot optic - 15W 502.2lm - 3500K - CRI 90 - White

Product code
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Technical description
Adjustable spotlight with adapter for installation on an electrified track or base. High chromatic yield LED lamp with 3500K 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	Weight (Kg)
White (01)	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   CE   UKCA   ⊠₀₃   CCC pending

Technical data

lm system:	502	MacAdam Step:	2
W system:	15	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
lm source:	1080	Lamp code:	LED
W source:	11	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	33.5	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):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	3500	Control:	Casambi

Polar

Imax=41280 cd

α=5°

h	d	Em	Emax
2	0.2	8072	10320
4	0.3	2018	2580
6	0.5	897	1147
8	0.7	505	645
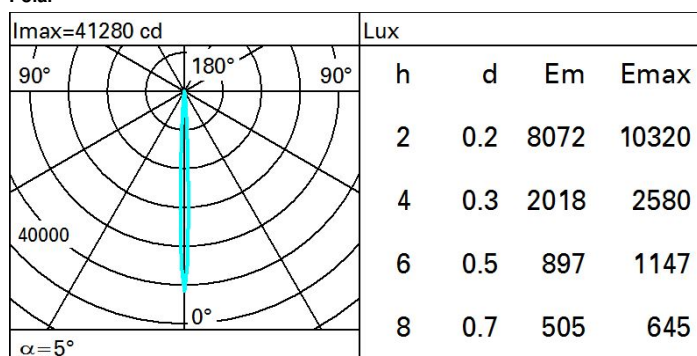
Utilisation factors

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

QC	A	G	1.15	2000	1000	500		<=300		
	B		1.50		2000	1000	750	500	<=300	
	C		1.85			2000		1000	500	<=300

C0-180 ———————
C90-270 - - - - - - -