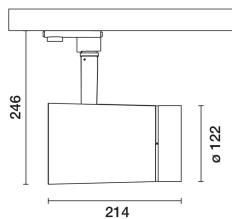


Last information update: May 2025

Product configuration: PY56.01

PY56.01: Ø122mm body - BLE Casambi - Super Spot optic - Neutral White - 15W 511.5lm - 4000K - CRI 90 - White

**Product code**

PY56.01: Ø122mm body - BLE Casambi - Super Spot optic - Neutral White - 15W 511.5lm - 4000K - CRI 90 - White

Technical description

Adjustable spotlight with adapter for installation on an electrified track or base. High chromatic yield LED lamp with Neutral White (4000K) tone and OptiBeam Lens optic system and Super Spot optic. Dimmable electronic DALI power supply integrated in product. 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.

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

Complies with EN60598-1 and pertinent regulations



IP20

IP40

for optical
assembly**Technical data**

lm system:	512	MacAdam Step:	2
W system:	15	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
lm source:	1100	Lamp code:	LED
W source:	11	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	34.1	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]:	4000	Control:	Casambi

Polar

Imax=42044 cd		Lux			
90°	180°	h	d	Em	Emax
		2	0.2	8222	10511
		4	0.3	2055	2628
		6	0.5	914	1168
		8	0.7	514	657
α=5°					

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

