Sipario

Design iGuzzini   **iGuzzini**

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Product configuration: 556A
556A: SIPARIO Ø122 spotlight - CASAMBI - Flood - OBLens -

Product code
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Technical description
Ø122 adjustable spotlight with adapter for installation on a base or electrified track. LED lamp with C.O.B. (Chip on board) technology, -CRI90- high colour rendering and 3500K tone.
Die-cast aluminium body with thermoplastic rear cap and front ring (Mass-Balance). The product can be rotated by 360° around the vertical axis with a mechanical lock and tilted by 90° relative to the horizontal plane. Passive heat dissipation.
OptiBeam Lens optical system with Flood optic.
Body complete with dimmable power supply unit and Casambi protocol positioned inside the product track adapter. 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.
Spotlight with Push&Go system designed to facilitate and safely accelerate the connection between product and optic accessory. Mechanically disconnecting the accessory allows it to be disengaged but not dropped. Three internal accessories and one external one can be used simultaneously. All internal accessories rotate 360° about the spotlight longitudinal axis.

Installation
Base or mains voltage track.

Colour	Weight (Kg)
White (01)	Matte black (V0)	1.82

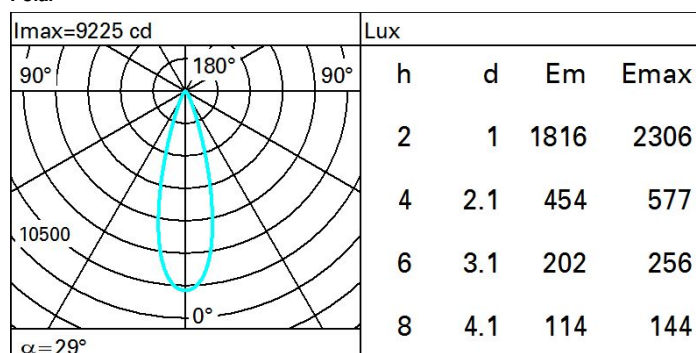**Mounting**
three circuit track

Notes
Max distance between product and product 8 m.
The maximum distance is affected by physical obstacles, like walls, metal panels and the layout of the system.
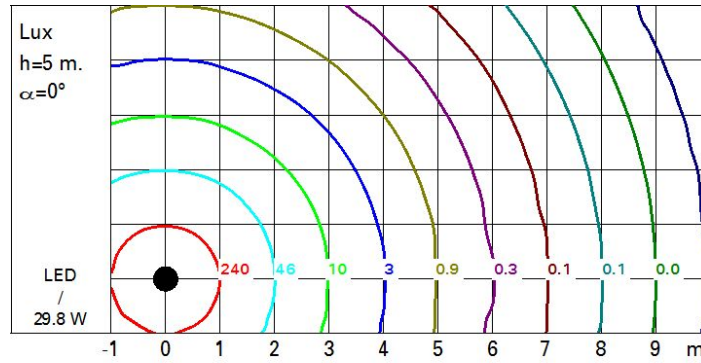
Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	2605	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W system:	29.8	Lamp code:	LED
lm source:	3340	Number of lamps for optical assembly:	1
W source:	26		
Luminous efficiency (lm/W, real value):	87.4	ZVEI Code:	LED
Im 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.) [%]:	78	Inrush current:	20 A / 25 µs
Beam angle [°]:	29°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 34 luminaires
CRI (minimum):	90		B16A: 55 luminaires
Colour temperature [K]:	3500		C10A: 57 luminaires
MacAdam Step:	2		C16A: 93 luminaires
		Minimum dimming %:	1
		Overvoltage protection:	2kV Common mode & 1kV Differential mode
		Control:	Casambi

Polar

Imax=9225 cd	Lux			
	h	d	Em	Emax
	2	1	1816	2306
	4	2.1	454	577
	6	3.1	202	256
	8	4.1	114	144

α=29°

Isolux

Lux
h=5 m.
α=0°

LED / 29.8 W

240 46 10 3 0.9 0.3 0.1 0.1 0.0

-1 0 1 2 3 4 5 6 7 8 9 m

UGR diagram

Corrected UGR values (at 3340 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	11.3	13.3	11.7	13.6	13.9	11.3	13.3	11.7	13.6	13.9
	3H	11.2	12.7	11.5	13.0	13.4	11.2	12.7	11.5	13.0	13.4
	4H	11.1	12.4	11.5	12.8	13.1	11.1	12.4	11.5	12.8	13.1
	6H	11.1	12.1	11.4	12.5	12.8	11.1	12.1	11.4	12.5	12.8
	8H	11.0	12.1	11.4	12.4	12.8	11.0	12.1	11.4	12.4	12.8
	12H	11.0	12.0	11.4	12.3	12.7	11.0	12.0	11.4	12.4	12.7
4H	2H	11.1	12.4	11.5	12.8	13.1	11.1	12.4	11.5	12.8	13.1
	3H	11.0	12.0	11.4	12.4	12.8	11.0	12.0	11.4	12.4	12.8
	4H	10.9	11.9	11.3	12.3	12.7	10.9	11.9	11.3	12.3	12.7
	6H	10.6	12.1	11.1	12.6	13.1	10.6	12.2	11.1	12.6	13.1
	8H	10.4	12.2	10.9	12.7	13.2	10.4	12.2	10.9	12.7	13.2
	12H	10.3	12.2	10.8	12.7	13.2	10.3	12.2	10.8	12.7	13.2
8H	4H	10.4	12.2	10.9	12.7	13.2	10.4	12.2	10.9	12.7	13.2
	6H	10.3	12.0	10.8	12.5	13.0	10.3	12.0	10.8	12.5	13.0
	8H	10.3	11.8	10.8	12.3	12.9	10.3	11.8	10.8	12.3	12.9
	12H	10.4	11.5	10.9	12.0	12.5	10.4	11.5	10.9	12.0	12.5
12H	4H	10.3	12.2	10.8	12.7	13.2	10.3	12.2	10.8	12.7	13.2
	6H	10.3	11.8	10.8	12.3	12.9	10.3	11.8	10.8	12.3	12.9
	8H	10.4	11.5	10.9	12.0	12.5	10.4	11.5	10.9	12.0	12.5

Variations with the observer position at spacing:

S =	1.0H	4.0 / -7.4	4.0 / -7.4
	1.5H	6.6 / -9.8	6.6 / -9.8
	2.0H	8.6 / -12.1	8.6 / -12.1