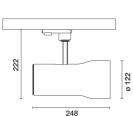
Design iGuzzini iGuzzini

Last information update: May 2025

Product configuration: 654A.01

654A.01: SIPARIO Ø122 spotlight - CASAMBI - WideFlood - OBReflector - - 34.8W 3444lm - 2700K - CRI 90 - White





#### Product code

654A.01: SIPARIO Ø122 spotlight - CASAMBI - WideFlood - OBReflector - - 34.8W 3444lm - 2700K - CRI 90 - White

#### 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 2700K 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 Reflector optical system with WideFlood optic. Anti-scratch reflector made of P.V.D. (Physical Vapour Deposition) aluminium that can provide optimum performance in terms of light efficiency.

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)
 1.45

#### 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 3444 Life Time LED 1: > 50,000h - L90 - B10 (Ta 25°C) Im system: W system: 34.8 Lamp code: LED Number of lamps for optical Im source: 4100 assembly: W source: 30 ZVEI Code: LED Luminous efficiency (Im/W, 99 real value): Number of optical Im in emergency mode: assemblies: Total light flux at or above Power factor: See installation instructions 0 20 A / 25 μs an angle of 90° [Lm]: Inrush current: Light Output Ratio (L.O.R.) 84 Maximum number of luminaires of this type per B10A: 34 luminaires [%]: miniature circuit breaker: B16A: 55 luminaires Beam angle [°]: 42° C10A: 57 luminaires CRI (minimum): 90 C16A: 93 luminaires Colour temperature [K] 2700 Minimum dimming %: MacAdam Step: 2 Overvoltage protection: 2kV Common mode & 1kV Differential mode Casambi Control:

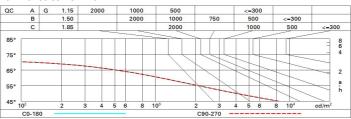
## Polar

		Lux			
90° / 180° / 90° 99	L 0.84 19-100-100-100-84	h	d	Em	Emax
I D	JGR 10.5-10.5 DIN A.61 JTE	2	1.5	1478	1883
X X X X X 20.	1.84A+0.00T "1=991	4	3	369	471
X T	"1+F"2=1000 "1+F"2+F"3=1000 CIBSE	6	4.6	164	209
α=42°	.G3 L<1500 cd/m² at 65° JGR<16 I L<1500 cd/mq @	<sub>65°</sub> 8	6.1	92	118

# **Utilisation factors**

R	77	75	73	71	55	53	33	00	DRR
K0.8	76	72	69	67	71	68	68	65	78
1.0	79	75	73	71	75	72	72	69	82
1.5	83	80	78	76	79	77	77	74	88
2.0	86	84	82	81	82	81	80	78	93
2.5	87	86	85	84	84	83	83	80	96
3.0	88	87	86	86	86	85	84	82	98
4.0	89	88	88	87	87	87	85	83	99
5.0	90	89	89	89	88	87	86	84	100

# Luminance curve limit



Corre	cted UC	R values	at 410	Im bar	e lamp lu	eu oni mu	flux)				
Rifled	t.:										
ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.3
walls work pl. Room dim		0.50	0.30	0.50 0.20	0.30	0.30	0.50	0.30	0.50	0.30	0.3
							0.20	0.20	0.20	0.20	0.20
		viewed					viewed				
х у		crosswise					endwise				
2H	2H	11.1	11.6	11.3	11.9	12.1	11.1	11.6	11.3	11.9	12.
	3H	10.9	11.4	11.2	11.7	12.0	10.9	11.4	11.2	11.7	12.
	4H	10.8	11.3	11.2	11.6	11.9	10.9	11.3	11.2	11.6	11.
	бН	10.8	11.2	11.1	11.5	11.9	10.8	11.2	11.1	11.5	11.
	HS	10.7	11.2	11.1	11.5	11.8	10.7	11.2	11.1	11.5	11.
	12H	10.7	11.1	11.1	11.4	11.8	10.7	11.1	11.1	11.5	11.
4H	2H	10.9	11.3	11.2	11.6	11.9	10.8	11.3	11.2	11.6	11.
	3H	10.7	11.1	11.1	11.5	11.8	10.7	11.1	11.1	11.5	11.
	4H	10.6	11.0	11.0	11.3	11.7	10.6	11.0	11.0	11.3	11.
	6H	10.5	10.8	10.9	11.2	11.7	10.5	10.8	10.9	11.2	11.
	8H	10.5	10.8	10.9	11.2	11.6	10.5	10.8	10.9	11.2	11.
	12H	10.4	10.7	10.9	11.1	11.6	10.4	10.7	10.9	11.1	11.
нв	4H	10.5	10.8	10.9	11.2	11.6	10.5	10.8	10.9	11.2	11.
	6Н	10.4	10.6	10.9	11.1	11.5	10.4	10.6	10.9	11.1	11.
	HS	10.3	10.5	10.8	11.0	11.5	10.3	10.5	10.8	11.0	11.
	12H	10.3	10.5	10.8	10.9	11.5	10.3	10.5	10.8	10.9	11.
12H	4H	10.4	10.7	10.9	11.1	11.6	10.4	10.7	10.9	11.1	11.
extore.	бН	10.3	10.5	10.8	11.0	11.5	10.3	10.5	10.8	11.0	11.
	H8	10.3	10.5	10.8	10.9	11.5	10.3	10.5	10.8	10.9	11.
Varia	tions wi	th the ob	server p	osition	at spacin	g:					
S =	1.0H	5.6 / -12.0					5.6 / -12.0				
	1.5H	8.4 / -17.0					8.4 / -17.0				
	2.0H			.4 / -2					4 / -23		

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