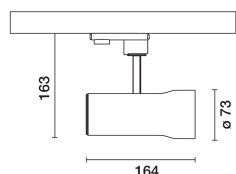## Sipario

Last information update: May 2025

Product configuration: 194A.01
194A.01: SIPARIO Ø73 spotlight - CASAMBI - VeryWideFlood - OBLens - - 17.3W 1121.8lm - 3500K - CRI 97 - White

Product code
194A.01: SIPARIO Ø73 spotlight - CASAMBI - VeryWideFlood - OBLens - - 17.3W 1121.8lm - 3500K - CRI 97 - White

Technical description
Ø73 adjustable spotlight with adapter for installation on a base or electrified track. LED lamp with C.O.B. (Chip on board) technology, -CRI97- 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 VeryWideFlood 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
White (01)

Weight (Kg)
0.66

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:	1122	MacAdam Step:	2
W system:	17.3	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
lm source:	1420	Lamp code:	LED
W source:	15	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	64.8		
		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.) [%]:	79	Inrush current:	20 A / - µs
Beam angle [°]:	60°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 50 luminaires B16A: 80 luminaires C10A: 83 luminaires C16A: 136 luminaires
CRI (minimum):	97		
Rf (Colour Fidelity Index):	94		
Rg (Gamut Index):	101		
Colour temperature [K]:	3500	Minimum dimming %:	1
		Overvoltage protection:	2kV Common mode & 1kV Differential mode
		Control:	Casambi

Polar

Imax=1202 cd	CIE	Lux			
180°	nL 0.79	h	d	Em	Emax
90° 90°	93-100-100-100-79				
	UGR 22.0-22.0				
	DIN	1	1.2	934	1202
	A.61				
	UTE	2	2.3	233	300
1000	0.79A+0.00T				
	F"1=928	3	3.5	104	134
	F"1+F"2=995				
0°	F"1+F"2+F"3=1000	4	4.6	58	75
α=60°					

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	69	64	61	59	64	61	61	58	73
1.0	72	69	66	64	68	65	65	62	78
1.5	77	74	72	70	73	71	70	68	85
2.0	79	77	76	74	76	75	74	71	90
2.5	81	79	78	77	78	77	76	74	94
3.0	82	81	80	79	80	79	78	76	96
4.0	83	82	82	81	81	80	79	77	98
5.0	84	83	82	82	82	81	80	78	99

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 ------------
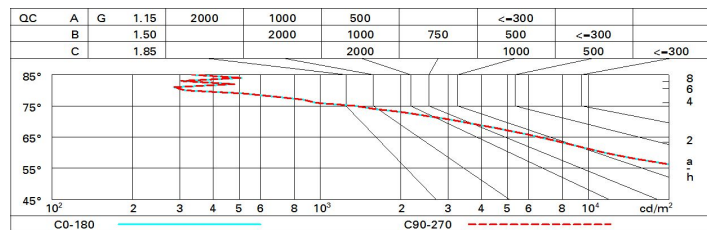
UGR diagram

Corrected UGR values (at 1420 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	22.5	23.2	22.8	23.4	23.7	22.5	23.2	22.8	23.4	23.7
	3H	22.4	23.0	22.7	23.3	23.6	22.4	23.0	22.7	23.3	23.6
	4H	22.3	22.9	22.7	23.2	23.5	22.3	22.9	22.7	23.2	23.5
	6H	22.2	22.8	22.6	23.1	23.4	22.3	22.8	22.6	23.1	23.4
	8H	22.2	22.7	22.6	23.0	23.4	22.2	22.7	22.6	23.1	23.4
	12H	22.2	22.6	22.5	23.0	23.3	22.2	22.7	22.6	23.0	23.4
4H	2H	22.3	22.9	22.7	23.2	23.5	22.3	22.9	22.7	23.2	23.5
	3H	22.2	22.7	22.6	23.0	23.4	22.2	22.7	22.6	23.0	23.4
	4H	22.1	22.5	22.5	22.9	23.3	22.1	22.5	22.5	22.9	23.3
	6H	22.0	22.4	22.5	22.8	23.2	22.0	22.4	22.5	22.8	23.2
	8H	22.0	22.3	22.4	22.7	23.2	22.0	22.3	22.4	22.7	23.2
	12H	21.9	22.2	22.4	22.7	23.1	21.9	22.2	22.4	22.7	23.1
8H	4H	22.0	22.3	22.4	22.7	23.2	22.0	22.3	22.4	22.7	23.2
	6H	21.9	22.2	22.4	22.6	23.1	21.9	22.2	22.4	22.6	23.1
	8H	21.8	22.1	22.3	22.5	23.0	21.8	22.1	22.3	22.5	23.0
	12H	21.8	22.0	22.3	22.5	23.0	21.8	22.0	22.3	22.5	23.0
12H	4H	21.9	22.2	22.4	22.7	23.1	21.9	22.2	22.4	22.7	23.1
	6H	21.8	22.1	22.3	22.5	23.0	21.8	22.1	22.3	22.5	23.0
	8H	21.8	22.0	22.3	22.5	23.0	21.8	22.0	22.3	22.5	23.0

Variations with the observer position at spacing:

S =	1.0H	4.2 / -7.2	4.2 / -7.2
	1.5H	6.9 / -12.3	6.9 / -12.3
	2.0H	8.9 / -15.5	8.9 / -15.5