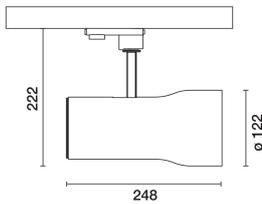# Sipario

Last information update: February 2025

Product configuration: 529A
529A: SIPARIO Ø122 spotlight - DALI - SuperSpot - OBLens -

Product code
529A: SIPARIO Ø122 spotlight - DALI - SuperSpot - OBLens -

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, -CRI97- high colour rendering and 3000K 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 SuperSpot optic.
Dimmable electronic DALI-2 power supply integrated in the body of the luminaire.
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)	1.8

Mounting
three circuit track

Complies with EN60598-1 and pertinent regulations

IP20   CE   UKCA   [S]   QCERT   pending

Technical data

lm system:	419	CRI (minimum):	97
W system:	13.7	Colour temperature [K]:	3000
lm source:	900	MacAdam Step:	2
W source:	11	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	30.5	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	47	Number of optical assemblies:	1
		Control:	DALI-2
Beam angle [°]:	4.8°		

Polar

Imax=25019 cd

α=5°

h	d	Em	Emax
2	0.2	4909	6255
4	0.3	1227	1564
6	0.5	545	695
8	0.7	307	391

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	42	39	38	36	39	37	37	36	77
1.0	43	41	40	39	41	40	39	38	81
1.5	46	44	43	42	44	43	42	41	87
2.0	47	46	45	44	45	45	44	43	92
2.5	48	47	47	46	47	46	45	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	48	48	47	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

85°				8 6 4
75°				
65°				2
55°				a h
45°	10²	2 3 4 5 6 8 10³	2 3 4 5 6 8 10⁴	cd/m²

C0-180	————————	C90-270	─ ─ ─ ─ ─ ─ ─ ─