

Last information update: March 2025

Product configuration: 013A.01

013A.01: SIPARIO Ø56 spotlight - DALI - WideFlood - OBLens - - 15W 1078lm - 3500K - CRI 90 - White

**Product code**

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Technical description

Ø56 adjustable spotlight with adapter for installation on an 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 WideFlood optic.

Dimmable electronic DALI-2 power supply integrated in adapter.

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

Mains voltage track.

Colour

White (01)

Weight (Kg)

0.47

Mounting

three circuit track

Complies with EN60598-1 and pertinent regulations



IP20

**Technical data**

lm system:	1078	MacAdam Step:	2
W system:	15	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
lm source:	1400	Lamp code:	LED
W source:	13	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	71.9	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.) [%]:	77	Inrush current:	5 A / 50 µs
Beam angle [°]:	46°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires
CRI (minimum):	90	Overvoltage protection:	4kV Common mode & 2kV Differential mode
Colour temperature [K]:	3500	Control:	DALI-2

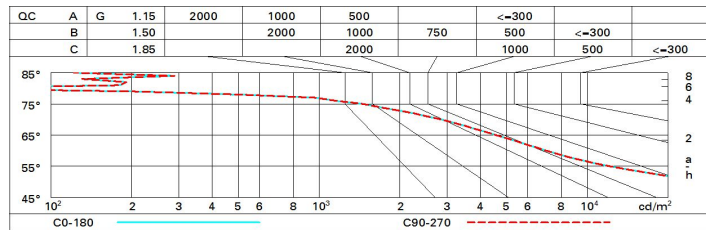
Polar

Imax=1707 cd	CIE nL 0.77 95-100-100-100-77 UGR 20.1-20.1 DIN A.61 UTE 0.77A+0.00T F*1=951 F*1+F*2=997 F*1+F*2+F*3=1000	Lux			
		h	d	Em	E _{max}
		2	1.7	328	427
		4	3.4	82	107
		6	5.1	36	47
		8	6.9	21	27

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	68	64	61	59	63	61	60	58	75
1.0	71	68	65	63	67	64	64	61	80
1.5	75	73	70	69	72	70	69	67	86
2.0	78	76	74	73	75	73	73	70	91
2.5	79	78	77	76	77	76	75	73	94
3.0	80	79	78	77	78	77	76	74	96
4.0	81	81	80	79	79	79	78	76	98
5.0	82	81	81	80	80	80	78	76	99

Luminance curve limit



UGR diagram

Corrected UGR values (at 1400 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	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 crosswise					viewed endwise				
x	y										
2H	2H	20.7	21.3	20.9	21.5	21.7	20.7	21.3	20.9	21.5	21.7
	3H	20.5	21.1	20.9	21.4	21.6	20.5	21.1	20.9	21.4	21.6
	4H	20.5	21.0	20.8	21.3	21.6	20.5	21.0	20.8	21.3	21.6
	6H	20.4	20.9	20.7	21.2	21.5	20.4	20.9	20.8	21.2	21.5
	8H	20.4	20.8	20.7	21.1	21.5	20.4	20.8	20.7	21.1	21.5
	12H	20.3	20.8	20.7	21.1	21.4	20.3	20.8	20.7	21.1	21.4
4H	2H	20.5	21.0	20.8	21.3	21.6	20.5	21.0	20.8	21.3	21.6
	3H	20.3	20.8	20.7	21.1	21.5	20.3	20.8	20.7	21.1	21.5
	4H	20.3	20.6	20.7	21.0	21.4	20.3	20.6	20.7	21.0	21.4
	6H	20.2	20.5	20.6	20.9	21.3	20.2	20.5	20.6	20.9	21.3
	8H	20.1	20.4	20.6	20.8	21.3	20.1	20.4	20.6	20.8	21.3
	12H	20.1	20.4	20.5	20.8	21.2	20.1	20.4	20.5	20.8	21.2
8H	4H	20.1	20.4	20.6	20.8	21.3	20.1	20.4	20.6	20.8	21.3
	6H	20.0	20.3	20.5	20.7	21.2	20.0	20.3	20.5	20.7	21.2
	8H	20.0	20.2	20.5	20.7	21.2	20.0	20.2	20.5	20.7	21.2
	12H	19.9	20.1	20.4	20.6	21.1	19.9	20.1	20.4	20.6	21.1
12H	4H	20.1	20.4	20.5	20.8	21.2	20.1	20.4	20.5	20.8	21.2
	6H	20.0	20.2	20.5	20.7	21.2	20.0	20.2	20.5	20.7	21.2
	8H	19.9	20.1	20.4	20.6	21.1	19.9	20.1	20.4	20.6	21.1
Variations with the observer position at spacing:											
S =	1.0H	4.3 / -9.5					4.3 / -9.5				
	1.5H	7.0 / -13.0					7.0 / -13.0				
	2.0H	9.0 / -15.0					9.0 / -15.0				