Sipario

Design iGuzzini **iGuzzini**

Last information update: March 2025

Product configuration: 018A.01
018A.01: SIPARIO Ø56 spotlight - DALI - WideFlood - OBLens - - 15W 1101.1lm - 4000K - CRI 90 - White

Product code
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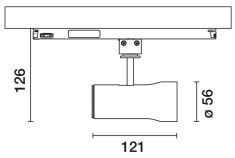
Technical description
Ø56 adjustable spotlight with adapter for installation on an electrified track. LED lamp with C.O.B. (Chip on board) technology, - CRI90- high colour rendering and 4000K tone.
Die-cast aluminium body with thermoplastic rear cap and front ring (Mass-Balance). The product can be rotated 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	**Weight (Kg)**
White (01)	0.47

Mounting
three circuit track

Complies with EN60598-1 and pertinent regulations

IP20

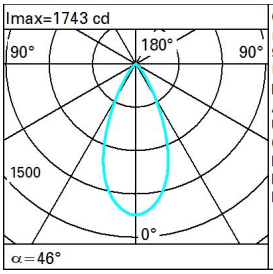
Technical data

lm system:	1101
W system:	15
lm source:	1430
W source:	13
Luminous efficiency (lm/W, real value):	73.4
lm in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	77
Beam angle [°]:	46°
CRI (minimum):	90
Colour temperature [K]:	4000

MacAdam Step:	2
Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1
Power factor:	See installation instructions
Inrush current:	5 A / 50 µs
Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires
Overvoltage protection:	4kV Common mode & 2kV Differential mode
Control:	DALI-2

Polar

Imax=1743 cd



CIE
nL 0.77
95-100-100-100-77
UGR 20.2-20.2
DIN
A.61
UTE
0.77A+0.00T
F"1=951
F"1+F"2=997
F"1+F"2+F"3=1000

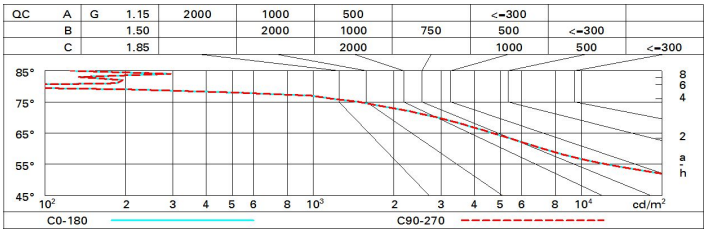
Lux

h	d	Em	Emax
2	1.7	335	436
4	3.4	84	109
6	5.1	37	48
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 1430 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 crosswise					viewed endwise		
x	y										
2H	2H	20.7	21.3	21.0	21.6	21.8	20.7	21.3	21.0	21.6	21.8
	3H	20.6	21.2	20.9	21.4	21.7	20.6	21.2	20.9	21.4	21.7
	4H	20.5	21.1	20.9	21.3	21.6	20.6	21.1	20.9	21.4	21.7
	6H	20.5	20.9	20.8	21.3	21.6	20.5	20.9	20.8	21.3	21.6
	8H	20.4	20.9	20.8	21.2	21.6	20.4	20.9	20.8	21.2	21.6
	12H	20.4	20.8	20.8	21.2	21.5	20.4	20.8	20.8	21.2	21.5
4H	2H	20.6	21.1	20.9	21.4	21.7	20.5	21.1	20.9	21.3	21.6
	3H	20.4	20.9	20.8	21.2	21.5	20.4	20.9	20.8	21.2	21.5
	4H	20.3	20.7	20.7	21.1	21.5	20.3	20.7	20.7	21.1	21.5
	6H	20.2	20.6	20.7	21.0	21.4	20.2	20.6	20.7	21.0	21.4
	8H	20.2	20.5	20.6	20.9	21.4	20.2	20.5	20.6	20.9	21.4
	12H	20.1	20.4	20.6	20.9	21.3	20.2	20.4	20.6	20.9	21.3
8H	4H	20.2	20.5	20.6	20.9	21.4	20.2	20.5	20.6	20.9	21.4
	6H	20.1	20.4	20.6	20.8	21.3	20.1	20.4	20.6	20.8	21.3
	8H	20.1	20.3	20.5	20.7	21.2	20.1	20.3	20.5	20.7	21.2
	12H	20.0	20.2	20.5	20.7	21.2	20.0	20.2	20.5	20.7	21.2
12H	4H	20.2	20.4	20.6	20.9	21.3	20.1	20.4	20.6	20.9	21.3
	6H	20.1	20.3	20.5	20.7	21.2	20.1	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

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