Sipario

Design iGuzzini **iGuzzini**

Last information update: May 2025

Product configuration: 149A.01
149A.01: SIPARIO Ø73 spotlight - DALI - VeryWideFlood - OBLens - 17.2W 1066.5lm - 3000K - CRI 97 - White

Product code
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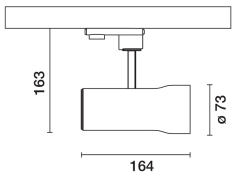
Technical description
Ø73 adjustable spotlight with adapter for installation on a base or electrified track. LED lamp with C.O.B. (Chip on board) technology, -CRI97- high colour rendering and 3000K tone.
Die-cast aluminium body with thermoplastic rear cap and front ring (Mass-Balance). The product can 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 VeryWideFlood 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)	0.66

Mounting
three circuit track

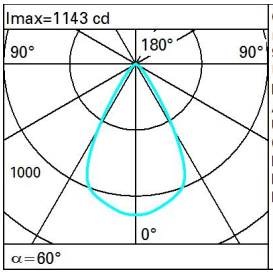
Complies with EN60598-1 and pertinent regulations

IP20

Technical data

lm system:	1067	Rf (Colour Fidelity Index):	94
W system:	17.2	Rg (Gamut Index):	101
lm source:	1350	Colour temperature [K]:	3000
W source:	15	MacAdam Step:	2
Luminous efficiency (lm/W, real value):	62	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
lm in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	79	ZVEI Code:	LED
Beam angle [°]:	60°	Number of optical assemblies:	1
CRI (minimum):	97	Control:	DALI-2

Polar



CIE
nL 0.79
93-100-100-100-79
UGR 21.8-21.8
DIN
A.61
UTE
0.79A+0.00T
F"1=928
F"1+F"2=995
F"1+F"2+F"3=1000

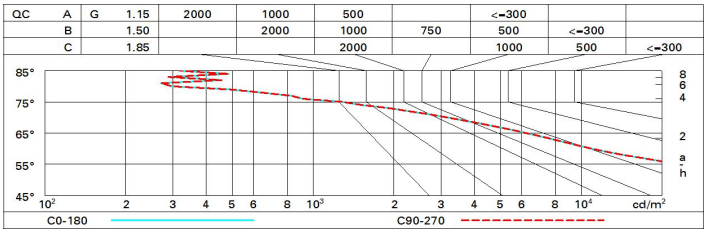
Lux

h	d	Em	Emax
1	1.2	888	1143
2	2.3	222	286
3	3.5	99	127
4	4.6	55	71

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



UGR diagram

Corrected UGR values (at 1350 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	22.3	23.0	22.6	23.3	23.5	22.3	23.0	22.6	23.3	23.5
	3H	22.2	22.8	22.5	23.1	23.4	22.2	22.9	22.6	23.1	23.4
	4H	22.1	22.7	22.5	23.0	23.3	22.2	22.7	22.5	23.0	23.3
	6H	22.1	22.6	22.4	22.9	23.2	22.1	22.6	22.4	22.9	23.3
	8H	22.0	22.5	22.4	22.9	23.2	22.0	22.6	22.4	22.9	23.2
	12H	22.0	22.5	22.4	22.8	23.2	22.0	22.5	22.4	22.8	23.2
4H	2H	22.2	22.7	22.5	23.0	23.3	22.1	22.7	22.5	23.0	23.3
	3H	22.0	22.5	22.4	22.9	23.2	22.0	22.5	22.4	22.8	23.2
	4H	21.9	22.4	22.3	22.7	23.1	21.9	22.4	22.3	22.7	23.1
	6H	21.9	22.2	22.3	22.6	23.0	21.9	22.2	22.3	22.6	23.0
	8H	21.8	22.1	22.3	22.6	23.0	21.8	22.1	22.3	22.6	23.0
	12H	21.8	22.1	22.2	22.5	23.0	21.8	22.1	22.2	22.5	23.0
8H	4H	21.8	22.1	22.3	22.6	23.0	21.8	22.1	22.3	22.6	23.0
	6H	21.7	22.0	22.2	22.4	22.9	21.7	22.0	22.2	22.4	22.9
	8H	21.7	21.9	22.2	22.4	22.9	21.7	21.9	22.2	22.4	22.9
	12H	21.6	21.8	22.1	22.3	22.8	21.6	21.8	22.1	22.3	22.8
12H	4H	21.8	22.1	22.2	22.5	23.0	21.8	22.1	22.2	22.5	23.0
	6H	21.7	21.9	22.2	22.4	22.9	21.7	21.9	22.2	22.4	22.9
	8H	21.6	21.8	22.1	22.3	22.8	21.6	21.8	22.1	22.3	22.8

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