Sipario

Design iGuzzini   **iGuzzini**

Last information update: February 2025

Product configuration: 334A
334A: SIPARIO Ø86 spotlight - DALI - Flood - OBLens -

Product code
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Technical description
Ø86 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 2700K 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 Flood 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)	0.87

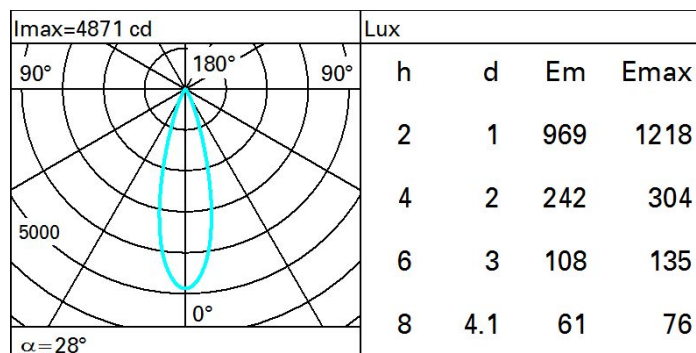**Mounting**
three circuit track

Complies with EN60598-1 and pertinent regulations

Technical data

lm system:	1328	CRI (minimum):	97
W system:	18	Colour temperature [K]:	2700
lm source:	1620	MacAdam Step:	2
W source:	16	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	73.8	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.) [%]:	82	Number of optical assemblies:	1
Beam angle [°]:	28°	Control:	DALI-2

Polar

Imax=4871 cd

Lux			
h	d	Em	Emax
2	1	969	1218
4	2	242	304
6	3	108	135
8	4.1	61	76

α=28°

Isolux

Lux
h=5 m.
α=0°

LED / 18 W
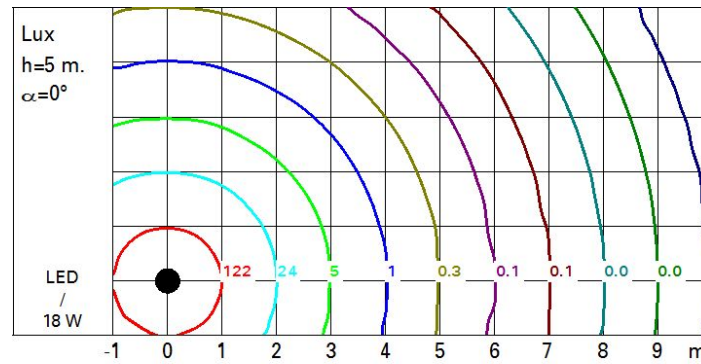
UGR diagram

Corrected UGR values (at 1620 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	10.4	12.4	10.7	12.7	13.0	10.4	12.4	10.7	12.7	13.0
	3H	10.2	11.8	10.6	12.1	12.5	10.2	11.8	10.6	12.1	12.5
	4H	10.2	11.5	10.6	11.8	12.2	10.2	11.5	10.6	11.9	12.2
	6H	10.1	11.2	10.5	11.5	11.9	10.1	11.2	10.5	11.6	11.9
	8H	10.1	11.1	10.5	11.5	11.9	10.1	11.1	10.5	11.5	11.9
	12H	10.0	11.1	10.4	11.4	11.8	10.0	11.1	10.5	11.4	11.8
4H	2H	10.2	11.5	10.6	11.9	12.2	10.2	11.5	10.6	11.8	12.2
	3H	10.1	11.1	10.5	11.5	11.9	10.1	11.1	10.5	11.5	11.8
	4H	10.0	10.9	10.4	11.3	11.7	10.0	10.9	10.4	11.3	11.7
	6H	9.6	11.2	10.1	11.7	12.1	9.6	11.2	10.1	11.7	12.1
	8H	9.5	11.3	10.0	11.8	12.2	9.5	11.3	10.0	11.8	12.2
	12H	9.4	11.3	9.9	11.7	12.3	9.4	11.3	9.9	11.8	12.3
8H	4H	9.5	11.3	10.0	11.8	12.2	9.5	11.3	10.0	11.8	12.2
	6H	9.4	11.1	9.9	11.6	12.1	9.4	11.1	9.9	11.6	12.1
	8H	9.3	10.9	9.9	11.4	11.9	9.3	10.9	9.9	11.4	11.9
	12H	9.5	10.5	10.0	11.0	11.6	9.5	10.5	10.0	11.0	11.6
12H	4H	9.4	11.3	9.9	11.8	12.3	9.4	11.3	9.9	11.7	12.3
	6H	9.3	10.9	9.9	11.4	11.9	9.3	10.9	9.9	11.4	11.9
	8H	9.5	10.5	10.0	11.0	11.6	9.5	10.5	10.0	11.0	11.6

Variations with the observer position at spacing:

S =	1.0H	4.5 / -7.0	4.5 / -7.0
	1.5H	7.2 / -10.2	7.2 / -10.2
	2.0H	9.2 / -12.9	9.2 / -12.9