

Laser Pinhole

Design iGuzzini

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Last information update: April 2025

Product configuration: P439

P439: recessed adjustable



Product code

P439: recessed adjustable

Technical description

Round adjustable luminaire designed for housing 2700K Warm White COB LED light sources with high colour rendering, featuring OPTIBEAM LENS technology suitable for narrow and well-defined light cones. Rim made of white-coated die-cast aluminium, upper barrel made of black-coated thermoplastic for guaranteeing maximum visual comfort and preventing stray light dispersion, black-coated extruded aluminium heat sink. Spot optic. Adjustable internally around the horizontal axis by 35° and around the vertical axis by 358°. Passive cooling system; product inclusive of electronic components.

Installation

Recessed installation in false ceilings with 1 mm to 20 mm thickness with steel springs.

Colour

White (01)

Weight (Kg)

1.3

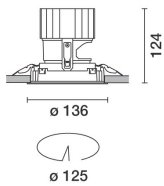
Mounting

ceiling surface

Wiring

Product inclusive of electronic components.

Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	763	CRI (minimum):	90
W system:	19.8	Colour temperature [K]:	2700
lm source:	1590	MacAdam Step:	2
W source:	17	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	38.5	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.) [%]:	48	Number of optical assemblies:	1
Beam angle [°]:	8°		

Polar

	Lux			
	h	d	Em	E _{max}
2	0.3	5037	6465	
4	0.6	1259	1616	
6	0.8	560	718	
8	1.1	315	404	

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	43	41	40	38	41	39	39	38	78
1.0	45	43	42	41	43	41	41	40	83
1.5	47	46	45	44	45	44	44	42	88
2.0	49	48	47	46	47	46	46	45	93
2.5	50	49	48	48	48	48	47	46	96
3.0	50	50	49	49	49	49	48	47	98
4.0	51	51	50	50	50	50	49	48	99
5.0	51	51	51	51	50	50	49	48	100

Luminance curve limit

