Laser Pinhole

Design iGuzzini **iGuzzini**

Last information update: October 2024

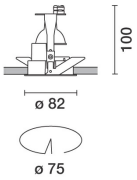
Product configuration: P712
P712: recessed adjustable

Product code
P712: 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 incorporating a black-coated thermoplastic component for guaranteeing maximum visual comfort and preventing stray light dispersion. Spot optic. Adjustable internally around the horizontal axis by 35° and around the vertical axis by 358°. Passive cooling system, by means of a black-coated heat sink made of extruded aluminium. The power supply unit is available with a separate code.

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

Colour	**Weight (Kg)**
White (01)	0.38



Mounting
ceiling surface

Wiring
Constant-current ballasts available with separate code: ON-OFF / 1-10 V dimmable / phase-cut dimmer / the recessed luminaire is supplied with the cable and connector to be connected to the connector provided on the driver.

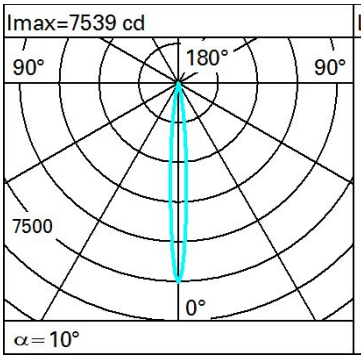
Complies with EN60598-1 and pertinent regulations

IP20

Technical data

lm system:	330	CRI (minimum):	90
W system:	6.1	Colour temperature [K]:	2700
lm source:	550	MacAdam Step:	2
W source:	6.1	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	54.1	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.) [%]:	60	Number of optical assemblies:	1
Beam angle [°]:	10°	LED current [mA]:	550

Polar



Lux

h	d	Em	Emax
2	0.3	1372	1885
4	0.7	343	471
6	1	152	209
8	1.4	86	118

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	54	51	49	48	51	49	49	47	78
1.0	56	54	52	51	53	52	51	50	83
1.5	59	57	56	55	57	55	55	53	88
2.0	61	60	59	58	59	58	57	56	93
2.5	62	61	60	60	60	60	59	57	96
3.0	63	62	62	61	61	61	60	59	98
4.0	64	63	63	62	62	62	61	60	99
5.0	64	64	63	63	63	62	62	60	100

Luminance curve limit