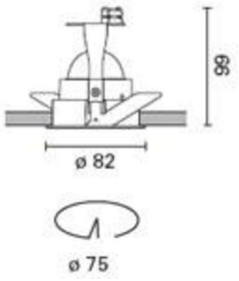
Laser Pinhole

Design iGuzzini **iGuzzini**

Last information update: May 2018



fixed recessed WW

Product code
P711

Technical description
Round fixed luminaire designed for housing 3000K 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. 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.

Dimension (mm)
Ø82x99

Colour
White (01)

Weight (Kg)
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

Product configuration: P711

Product characteristics

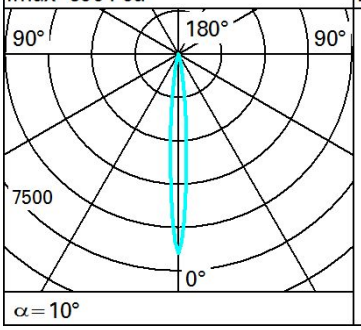
Total lighting output [Lm]: 320	Total luminous flux at or above an angle of 90° [Lm]: 0
Total power [W]: 6.1	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 52.5	Voltage [V]: -
Life Time: 50,000h - L80 - B10 (Ta 25°C)	Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 64	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED	Ballast losses [W]: 0
Nominal power [W]: 6.1	Colour temperature [K]: 3000
Nominal luminous [Lm]: 500	CRI: 90
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Beam angle [°]: 10°	MacAdam Step: 3

Polar

Imax=6901 cd



Lux

h	d	Em	Emax
2	0.3	1251	1725
4	0.7	313	431
6	1	139	192
8	1.4	78	108

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	58	55	53	51	54	52	52	50	78
1.0	60	58	56	54	57	55	55	53	83
1.5	63	61	60	58	60	59	58	57	88
2.0	65	64	63	62	63	62	61	59	93
2.5	66	65	64	64	64	64	63	61	96
3.0	67	66	66	65	65	65	64	62	98
4.0	68	67	67	67	66	66	65	63	99
5.0	68	68	68	67	67	67	66	64	100

Luminance curve limit