

Reflex

Design iGuzzini

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Last information update: May 2018



Fixed circular recessed luminaire - Ø153 mm - warm white - medium optic - UGR<19

Product code
N008

Technical description

Fixed round luminaire designed to use a LED lamp with C.O.B. technology. Version with rim for surface-mounting. Reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Die-cast aluminium body and passive dissipation system. Product complete with LED lamp in warm white colour tone (3000K). General light emission, with controlled luminance UGR<19 1500 cd/m² α>65° medium optic.

Installation

Recessed using torsion springs which allow easy installation in false ceilings with thickness ranging from 1 mm to 25 mm.

Dimension (mm)

Ø162x122

Colour

White/Aluminium (39)

Weight (Kg)

1.22

Mounting

ceiling recessed

Wiring

product complete with an electronic ballast

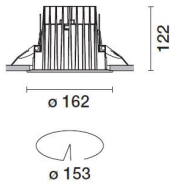
Complies with EN60598-1 and pertinent regulations



IP20

IP54

On the visible part of the product once installed



Product configuration: N008

Product characteristics

Total lighting output [Lm]: 2602.8
Total power [W]: 23.7
Luminous efficacy [Lm/W]: 109.8
Life Time: 50,000h - L80 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 87
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 21
Nominal luminous [Lm]: 3000
Lamp maximum intensity [cd]: /
Beam angle [°]: 24°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 2.7
Colour temperature [K]: 3000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 2

Polar

Imax=10118 cd	CIE nL 0.87 99-100-100-100-87 DIN A.61 UTE 0.87A+0.00T F*1=993 F*1+F*2=1000 F*1+F*2+F*3=1000 CIBSE LG3 L<200 cd/m ² at 65°	Lux			
		h	d	Em	Emax
90°		2	0.9	1927	2529
180°		4	1.7	482	632
90°		6	2.6	214	281
0°		8	3.4	120	158

α=24°

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	78	74	71	69	73	71	70	68	78
1.0	82	78	75	73	77	75	74	72	83
1.5	86	83	81	79	82	80	79	77	88
2.0	88	86	85	83	85	84	83	80	93
2.5	90	89	87	86	87	86	85	83	96
3.0	91	90	89	88	89	88	87	85	98
4.0	92	91	91	90	90	89	88	86	99
5.0	93	92	92	91	91	90	89	87	100

Luminance curve limit

