Design iGuzzini

Last information update: May 2018

iGuzzini



Fixed circular recessed luminaire - Ø153 mm - neutral white - wide flood optic - UGR<19

Product code

N011

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 neutral white colour tone (4,000K). General light emission, with controlled luminance UGR<19 1500 cd/m2 α >65° wide flood optic.

Installation

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



Ø162x122

Dimension (mm)

Colour

White/Aluminium (39)

Weight (Kg)

1.22

Mounting

ceiling recessed

Wiring

product complete with DALI components

Complies with EN60598-1 and pertinent regulations



















Product configuration: N011

Product characteristics

Total lighting output [Lm]: 2487.9 Total power [W]: 23.5 Luminous efficacy [Lm/W]: 105.9

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.) [%]: 83 Lamp code: LED

ZVEI Code: LED Nominal power [W]: 21 Nominal luminous [Lm]: 3000 Lamp maximum intensity [cd]: / Beam angle [°]: 52°

Number of lamps for optical assembly: 1

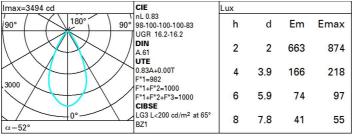
Socket: /

Ballast losses [W]: 2.5 Colour temperature [K]: 4000

CRI: 80

Wavelength [Nm]: / MacAdam Step: 2

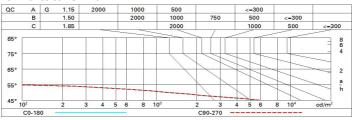
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	74	70	68	65	70	67	67	64	77
1.0	78	74	72	70	73	71	71	68	82
1.5	82	79	77	75	78	76	75	73	88
2.0	84	82	81	79	81	80	79	77	92
2.5	86	84	83	82	83	82	81	79	95
3.0	87	86	85	84	85	84	83	81	97
4.0	88	87	87	86	86	85	84	82	99
5.0	89	88	87	87	87	86	85	83	100

Luminance curve limit



UGR diagram

Rifle	ct.:											
ceil/cav walls work pl. Room dim		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	
		0.50	0.30	0.50	0.30	0.30	0.50 0.20	0.30	0.50	0.30	0.30	
												20010000
		x	У	crosswise er						endwise	ndwise	
2H	2H	16.8	17.4	17.1	17.6	17.9	16.8	17.4	17.1	17.6	17.9	
	ЗН	16.7	17.2	17.0	17.5	17.8	16.7	17.2	17.0	17.5	17.8	
	4H	16.6	17.1	16.9	17.4	17.7	16.6	17.1	16.9	17.4	17.7	
	бН	16.5	17.0	16.9	17.3	17.6	16.5	17.0	16.9	17.3	17.6	
	HS	16.5	16.9	16.8	17.2	17.6	16.5	16.9	16.8	17.2	17.6	
	12H	16.4	16.9	16.8	17.2	17.6	16.4	16.9	16.8	17.2	17.6	
4H	2H	16.6	17.1	16.9	17.4	17.7	16.6	17.1	16.9	17.4	17.7	
	ЗН	16.4	16.9	16.8	17.2	17.6	16.4	16.9	16.8	17.2	17.6	
	4H	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5	
	бН	16.2	16.6	16.7	17.0	17.4	16.2	16.6	16.7	17.0	17.4	
	HS	16.2	16.5	16.6	16.9	17.4	16.2	16.5	16.6	16.9	17.4	
	12H	16.2	16.4	16.6	16.9	17.3	16.2	16.4	16.6	16.9	17.3	
вн	4H	16.2	16.5	16.6	16.9	17.4	16.2	16.5	16.6	16.9	17.4	
	6H	16.1	16.4	16.6	16.8	17.3	16.1	16.4	16.6	16.8	17.3	
	HS	16.1	16.3	16.5	16.7	17.2	16.1	16.3	16.5	16.7	17.2	
	12H	16.0	16.2	16.5	16.7	17.2	16.0	16.2	16.5	16.7	17.2	
12H	4H	16.2	16.4	16.6	16.9	17.3	16.2	16.4	16.6	16.9	17.3	
	6H	16.1	16.3	16.5	16.7	17.2	16.1	16.3	16.5	16.7	17.2	
	H8	16.0	16.2	16.5	16.7	17.2	16.0	16.2	16.5	16.7	17.2	
Varia	tions wi	th the ob	serverp	osition	at spacin	g:						
S =	1.0H	5.1 / -29.8					5.1 / -29.8					
	1.5H	7.9 / -30.2					7.9 / -30.2					
	2.0H	9.9 / -30.4					9.9 / -30.4					