Design iGuzzini

Last information update: April 2024

iGuzzini

## **Product configuration: N004**

N004: Fixed circular recessed luminaire - Ø125 mm - warm white - flood optic - UGR<19



## Product code

N004: Fixed circular recessed luminaire - Ø125 mm - warm white - flood optic - UGR<19

## 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 CRI 90 (3000K). General light emission, with controlled luminance UGR<19 1500 cd/m2 α>65° flood optic.

## Installation

Recessed using torsion springs which allow easy installation in false ceilings with thickness ranging from 1 mm to 20 mm.

Colour Weight (Kg) White / Aluminium (39) 1.02

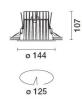


ceiling recessed

## Wiring

product complete with DALI components

Complies with EN60598-1 and pertinent regulations 8 **3**03 EHC





**IP54** 

On the visible part of the product once installed











Technical data					
Im system:	1976	MacAdam Step:	2		
W system:	19.1	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)		
Im source:	2250	Lamp code:	LED		
W source:	17	Number of lamps for optical	1		
Luminous efficiency (lm/W,	103.5	assembly:			
real value):		ZVEI Code:	LED		
Im in emergency mode:	-	Number of optical	1		
Total light flux at or above	0	assemblies:			
an angle of 90° [Lm]:		Power factor:	See installation instructions		
Light Output Ratio (L.O.R.)	88	Inrush current:	16 A / 220 μs		
[%]:		Maximum number of			
Beam angle [°]:	24°	luminaires of this type per	B10A: 15 luminaires		
CRI (minimum):	90	miniature circuit breaker:	B16A: 24 luminaires		
Colour temperature [K]:	3000		C10A: 24 luminaires		
			C16A: 40 luminaires		
		Overvoltage protection:	2kV Common mode & 1kV Differential mode		
		Control:	DALI-2		

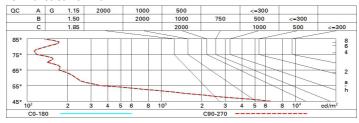
# Polar

Imax=5351 cd	CIE	Lux			
90° 180° 90°	nL 0.88 98-100-100-100-88 TUGR 17.3-17.3	h	d	Em	Emax
	<b>DIN</b> A.61	2	0.9	1011	1338
	UTE 0.88A+0.00T F"1=978	4	1.7	253	334
6000	F"1+F"2=999 F"1+F"2+F"3=1000 CIBSE	6	2.6	112	149
α=24°	LG3 L<1500 cd/m² at 65° UGR<19   L<1500 cd/mq @	<sub>965</sub> . 8	3.4	63	84

## **Utilisation factors**

R	77	75	73	71	55	53	33	00	DRR
K0.8	79	74	71	69	74	71	70	68	77
1.0	82	78	76	73	77	75	75	72	82
1.5	86	84	81	79	83	81	80	77	88
2.0	89	87	85	84	86	84	83	81	92
2.5	91	89	88	87	88	87	86	84	95
3.0	92	91	90	89	89	89	88	85	97
4.0	93	92	92	91	91	90	89	87	99
5.0	94	93	93	92	92	91	90	88	100

## Luminance curve limit



Riflect. ceii/ca walls work p Room x 2H	v ol.	0.70 0.50 0.20 17.9 17.7 17.6 17.6 17.5	18.5 18.3 18.2 18.1 18.0 18.0	0.50 0.50 0.20 viewed crosswis 18.2 18.1 18.0 17.9 17.9	0.50 0.30 0.20 e 18.8 18.6 18.5 18.4 18.4	0.30 0.30 0.20 19.0 18.9 18.8 18.7	0.70 0.50 0.20 17.9 17.7	0.70 0.30 0.20	0.50 0.50 0.20 viewed endwise 18.2 18.1 18.0	18.8 18.6 18.5	0.30 0.30 0.20 19.0 18.9 18.8	
walls work p Room x 2H	ol. dim y 2H 3H 4H 6H 8H 12H	17.9 17.7 17.7 17.6 17.6 17.5	0.30 0.20 18.5 18.3 18.2 18.1 18.0 18.0	0.50 0.20 viewed crosswise 18.2 18.1 18.0 17.9	0.30 0.20 e 18.8 18.6 18.5 18.4	0.30 0.20 19.0 18.9 18.8	0.50 0.20 17.9 17.7 17.7	0.30 0.20 18.5 18.3 18.2	0.50 0.20 viewed endwise 18.2 18.1 18.0	0.30 0.20 18.8 18.6 18.5	0.30 0.20 19.0 18.9	
work p Room v 2H	2H 3H 4H 6H 8H 12H	17.9 17.7 17.7 17.6 17.6 17.5	18.5 18.3 18.2 18.1 18.0	0.20 viewed crosswise 18.2 18.1 18.0 17.9 17.9	0.20 e 18.8 18.6 18.5 18.4	19.0 18.9 18.8	17.9 17.7 17.7	0.20 18.5 18.3 18.2	0.20 viewed endwise 18.2 18.1 18.0	0.20 18.8 18.6 18.5	19.0 18.9	
Room x 2H	2H 3H 4H 6H 8H 12H	17.9 17.7 17.7 17.6 17.6 17.5	18.5 18.3 18.2 18.1 18.0	18.2 18.1 18.0 17.9	18.8 18.6 18.5 18.4	19.0 18.9 18.8	17.9 17.7 17.7	18.5 18.3 18.2	18.2 18.1 18.0	18.8 18.6 18.5	19.	
2H 4H	2H 3H 4H 6H 8H 12H	17.7 17.7 17.6 17.6 17.5	18.5 18.3 18.2 18.1 18.0 18.0	18.2 18.1 18.0 17.9 17.9	18.8 18.6 18.5 18.4	18.9 18.8	17.7 17.7	18.3 18.2	18.2 18.1 18.0	18.8 18.6 18.5	18.	
2H 4H	2H 3H 4H 6H 8H 12H	17.7 17.7 17.6 17.6 17.5	18.5 18.3 18.2 18.1 18.0 18.0	18.2 18.1 18.0 17.9 17.9	18.8 18.6 18.5 18.4	18.9 18.8	17.7 17.7	18.3 18.2	18.2 18.1 18.0	18.8 18.6 18.5	18.	
4Н	3H 4H 6H 8H 12H	17.7 17.7 17.6 17.6 17.5	18.3 18.2 18.1 18.0 18.0	18.1 18.0 17.9 17.9	18.6 18.5 18.4	18.9 18.8	17.7 17.7	18.3 18.2	18.1 18.0	18.6 18.5	18.	
	4H 6H 8H 12H	17.7 17.6 17.6 17.5	18.2 18.1 18.0 18.0	18.0 17.9 17.9	18.5 18.4	18.8	17.7	18.2	18.0	18.5		
	6H 8H 12H	17.6 17.6 17.5	18.1 18.0 18.0	17.9 17.9	18.4		47.37.00				18.	
	8H 12H 2H	17.6 17.5	18.0 18.0	17.9		18.7			35727.55			
	12H 2H	17.5	18.0		18.4		17.6	18.1	17.9	18.4	18.	
	2H	NAME OF TAXABLE PARTY.	10.000	17.9		18.7	17.6	18.0	17.9	18.4	18.	
		17.7	032300		18.3	18.7	17.5	18.0	17.9	18.3	18.	
	3H		18.2	18.0	18.5	18.8	17.7	18.2	18.0	18.5	18.	
		17.5	18.0	17.9	18.3	18.7	17.5	18.0	17.9	18.3	18.	
	4H	17.4	17.8	17.8	18.2	18.6	17.4	17.8	17.8	18.2	18.	
	бН	17.3	17.7	17.8	18.1	18.5	17.3	17.7	17.8	18.1	18.	
	H8	17.3	17.6	17.7	18.0	18.5	17.3	17.6	17.7	18.0	18.	
011	12H	17.2	17.5	17.7	18.0	18.4	17.2	17.5	17.7	18.0	18.	
HS	4H	17.3	17.6	17.7	18.0	18.5	17.3	17.6	17.7	18.0	18.	
	бН	17.2	17.5	17.7	17.9	18.4	17.2	17.5	17.7	17.9	18.	
	H8	17.1	17.4	17.6	17.8	18.3	17.1	17.4	17.6	17.8	18.	
	12H	17.1	17.3	17.6	17.8	18.3	17.1	17.3	17.6	17.8	18.	
12H	4H	17.2	17.5	17.7	18.0	18.4	17.2	17.5	17.7	18.0	18.	
	бН	17.1	17.4	17.6	17.8	18.3	17.1	17.4	17.6	17.8	18.	
	HS	17.1	17.3	17.6	17.8	18.3	17.1	17.3	17.6	17.8	18.	
Variation	ions wit	th the ob	oserverp	noitieo	at spacin	g:						
S =	1.0H	4.4 / -24.6					4.4 / -24.6					
	1.5H		7.2 / -25.8					7.2 / -25.8				