Design iGuzzini

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Last information update: April 2024

Product configuration: M636

M636: Fixed circular recessed luminaire - Ø212 mm - warm white - medium optic - UGR<10



Product code

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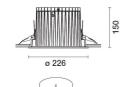
Technical description

Fixed round luminaire designed to use a LED lamp with C.O.B. technology. Version with rim for surface-mounting. Optic with supercomfort reflector vacuum-metallised with aluminium vapours and 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<10 1500 cd/m2 α>65° medium optic.

Installation

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

Colour Weight (Kg) White / Aluminium (39) 1.95



ø 212

Mounting

ceiling recessed

Wiring

Polar

 $\alpha = 18^{\circ}$

product complete with DALI components

Complies with EN60598-1 and pertinent regulations 8 CE **3**03 EHC **(S**) On the visible part of the product once installed **IP20 IP54**

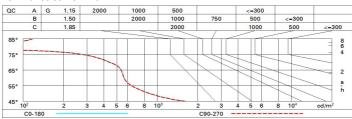
Technical data					
Im system:	5120	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)		
W system:	52.8	Lamp code:	LED		
Im source:	6400	Number of lamps for optical	1		
W source:	48	assembly:			
Luminous efficiency (Im/W,	, 97	ZVEI Code:	LED		
real value):		Number of optical	1		
Im in emergency mode:	-	assemblies:			
Total light flux at or above	0	Power factor:	See installation instructions		
an angle of 90° [Lm]:		Inrush current:	30 A / 200 μs		
Light Output Ratio (L.O.R.)	80	Maximum number of			
[%]:		luminaires of this type per	B10A: 12 luminaires B16A: 20 luminaires C10A: 20 luminaires		
Beam angle [°]:	18°	miniature circuit breaker:			
CRI (minimum):	90				
Colour temperature [K]:	3000	National Property of	C16A: 34 luminaires		
MacAdam Step:	2	Minimum dimming %:	1		
		Overvoltage protection:	2kV Common mode & 2kV Differential mode		
		Control:	DALI-2		

CIE Imax=33133 cd Lux nL 0.80 90° 99-100-100-100-80 UGR <10-<10 180° 90° h d Em Emax DIN 2 0.6 8283 6479 A.61 UTE 0.80A+0.00T F"1=993 1.3 1620 2071 F"1+F"2=998 F"1+F"2+F"3=1000 6 1.9 720 920 CIBSE LG3 L<1500 cd/m² at 65° UGR<10 | L<1500 cd/mq @65° 8 2.5 405 518

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	72	68	66	64	68	65	65	62	78
1.0	75	72	69	68	71	69	69	66	83
1.5	79	76	74	73	76	74	73	71	88
2.0	81	80	78	77	79	77	76	74	93
2.5	83	82	81	80	80	79	79	76	96
3.0	84	83	82	81	82	81	80	78	98
4.0	85	84	84	83	83	83	81	79	99
5.0	85	85	85	84	84	83	82	80	100

Luminance curve limit



0.7 0.5 0.2	0.30	0.50	0.50	0.30					
0.5 0.2	0.30	0.50		0.20					
0.2				0.30	0.70	0.70	0.50	0.50	0.30
1	0 0.20	0.20	0.30 0.20	0.30 0.20	0.50 0.20	0.30 0.20	0.50 0.20 viewed	0.30 0.20	0.30 0.20
		0.20							
		viewed							
		crosswis	e				endwise	H ₂	
1 2	3 4.4	2.7	4.7	5.1	2.3	4.4	2.7	4.7	5.
1 2	4 3.9	2.7	4.2	4.6	2.3	3.8	2.6	4.1	4.5
1 2	4 3.6	2.7	4.0	4.3	2.2	3.5	2.6	3.8	4.2
1 2	3 3.3	2.7	3.7	4.0	2.2	3.2	2.6	3.5	3.9
1 2	3 3.3	2.7	3.6	4.0	2.1	3.2	2.5	3.5	3.9
H 2.	2 3.3	2.6	3.6	4.0	2.1	3.1	2.5	3.5	3.9
1 2.	2 3.5	2.6	3.8	4.2	2.4	3.6	2.7	4.0	4.3
1 2	3 3.4	2.7	3.7	4.1	2.3	3.4	2.7	3.7	4.
1 2	2 3.4	2.7	3.8	4.2	2.2	3.4	2.7	3.8	4.3
1 1.	9 3.6	2.4	4.1	4.6	1.9	3.7	2.4	4.1	4.6
1 1.	8 3.7	2.3	4.2	4.7	1.8	3.7	2.3	4.2	4.
H 1.	7 3.6	2.2	4.1	4.6	1.7	3.7	2.2	4.1	4.
1 1.	8 3.7	2.3	4.2	4.7	1.8	3.7	2.3	4.2	4.
1 1.	7 3.5	2.2	4.0	4.5	1.7	3.5	2.2	4.0	4.5
1 1.	7 3.2	2.2	3.7	4.3	1.7	3.2	2.2	3.7	4.3
H 1.	9 2.8	2.4	3.3	3.8	1.9	2.8	2.4	3.3	3.8
1 1.	7 3.7	2.2	4.1	4.7	1.7	3.6	2.2	4.1	4.6
1 1.	7 3.2	2.2	3.7	4.3	1.7	3.2	2.3	3.7	4.3
1 1.	9 2.8	2.4	3.3	3.8	1.9	2.8	2.4	3.3	3.8
with the	o bserve	rposition	at spacir	ng:					
1.0H 4.9 / -5.1					4.9 / -5.1				
Н		7.6 / -5	8.			7	.6 / -5.	8	
wi H	ith the observer position at spacing:					th the observer position at spacing: 4.9 / -5.1 7.6 / -5.8	th the observer position at spacing: 4.9 / -5.1 4 7.6 / -5.8 7	th the observer position at spacing: 4.9 / -5.1 7.6 / -5.8 4.9 / -5. 7.6 / -5.8	th the observer position at spacing: 4.9