iGuzzini

Last information update: April 2018



Design iGuzzini

Square recessed luminaire - 226x226 mm H=146 mm - LED warm white - INVERTER - general light optic with controlled luminance UGR<19

Product code MC36

Technical description

Recessed fixed square luminaire designed to use a LED lamp. 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 2000 Im LED unit with INVERTER in a warm white tone 3000K and driver separate from the luminaire. General light distribution, with controlled luminance (UGR<19).

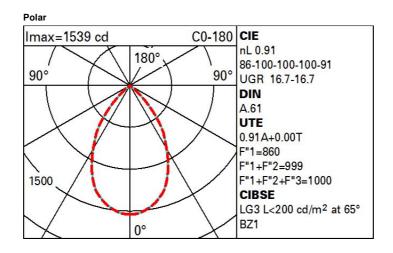
Installation

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

Colour White/Aluminium (39)	
Weight (Kg) 4.03	
Mounting ceiling recessed	
Wiring product complete with electronic components with INVERTE	R
 □ IP20 ■ CE ● ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	Complies with EN60598-1 and pertinent regulations
Product configuration: MC36	
Product characteristics Total lighting output [Lm]: 1819 Total power [W]: 21 Luminous efficacy [Lm/W]: 86.6 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



142



Utilisation fa	ctors
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R	77	75	73	71	55	53	33	00	DRR
K0.8	76	71	67	64	70	66	66	62	68
1.0	81	76	72	69	75	71	71	67	74
1.5	87	83	80	78	82	79	78	75	83
2.0	90	88	85	83	86	84	83	80	88
2.5	92	90	88	87	89	87	86	83	92
3.0	94	92	91	89	90	89	88	85	94
4.0	95	94	93	92	92	91	90	87	96
5.0	96	95	94	93	93	92	91	88	97

Luminance curve limit

ac	A	G	1.15	2000	1000	500		<-300		
	в		1.50		2000	1000	750	500	<=300	
	С		1.85			2000		1000	500	<-300
35° ⊺										3 8
75°										- 6
5°	-					\sim		X	\square	2
5°									\geq	, a h
45° 10	0 ²		2	3 4 5	6 8 1	0 ³	2 3	4 5 6	8 10 ⁴	cd/m ²
	C0-18	0					C90-270 -			

UGR diagram

lim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	0.70 0.50 0.20 17.2 17.1 17.0 16.9 16.9 16.9 16.9 16.9 16.8 16.7 16.7	18.0 17.7 17.6 17.5 17.4 17.4 17.4 17.6 17.4 17.2 17.1	0.50 0.20 viewed crosswist 17.5 17.4 17.3 17.3 17.3 17.2 17.4 17.3 17.2 17.4 17.3 17.2	e 18.2 18.0 17.9 17.8 17.8 17.8 17.7 17.9 17.7 17.6	0.30 0.30 0.20 18.4 18.3 18.2 18.1 18.1 18.1 18.2 18.1 18.2 18.1 18.0	0.70 0.50 0.20 17.2 17.1 17.0 16.9 16.9 16.9 17.0 16.9 17.0 16.9	0.70 0.30 0.20 17.9 17.8 17.6 17.5 17.4 17.4 17.4 17.6 17.4 17.6	0.50 0.20 viewed endwise 17.5 17.4 17.4 17.3 17.3 17.3 17.3 17.3 17.3 17.3	0.50 0.30 0.20 18.2 18.0 17.9 17.8 17.8 17.7 17.9 17.7 17.9	0.30 0.30 0.20 18.4 18.3 18.2 18.1 18.1 18.1 18.1 18.2 18.1 18.2 18.1 18.2
lim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	0.50 0.20 17.2 17.1 17.0 16.9 16.9 16.9 16.9 16.8 16.7 16.7	0.30 0.20 18.0 17.7 17.6 17.5 17.4 17.4 17.4 17.6 17.4 17.2 17.1	0.50 0.20 viewed 17.5 17.4 17.3 17.3 17.3 17.3 17.2 17.4 17.3 17.2	0.30 0.20 e 18.2 18.0 17.9 17.8 17.8 17.7 17.9 17.7 17.6	0.30 0.20 18.4 18.3 18.2 18.1 18.1 18.1 18.2 18.2 18.1	0.50 0.20 17.2 17.1 17.0 16.9 16.9 16.9 16.9 17.0 16.9	0.30 0.20 17.9 17.8 17.6 17.5 17.4 17.4 17.4 17.6 17.4	0.50 0.20 viewed endwise 17.5 17.4 17.4 17.3 17.3 17.3 17.3 17.3	0.30 0.20 18.2 18.0 17.9 17.8 17.8 17.7 17.9 17.7	0.30 0.20 18.4 18.3 18.2 18.1 18.1 18.2 18.2 18.2
lim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	0.20 17.2 17.1 17.0 16.9 16.9 16.9 17.0 16.9 16.8 16.7 16.7	0.20 18.0 17.7 17.6 17.5 17.4 17.4 17.4 17.6 17.4 17.2 17.1	0.20 viewed 20039Wis 17.5 17.4 17.3 17.3 17.3 17.2 17.4 17.3 17.2	0.20 e 18.2 18.0 17.9 17.8 17.8 17.7 17.9 17.7 17.9	0.20 18.4 18.3 18.2 18.1 18.1 18.1 18.2 18.2 18.1	0.20 17.2 17.1 17.0 16.9 16.9 16.9 16.9 17.0 16.9	0.20 17.9 17.8 17.6 17.5 17.4 17.4 17.4 17.6 17.4	0.20 viewed endwise 17.5 17.4 17.4 17.3 17.3 17.3 17.3 17.3	0.20 18.2 18.0 17.9 17.8 17.8 17.7 17.9 17.7	0.20 18.4 18.3 18.2 18.1 18.1 18.1 18.2 18.2 18.1
lim y 2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	17.2 17.1 17.0 16.9 16.9 16.9 17.0 16.9 16.8 16.7 16.7	18.0 17.7 17.6 17.5 17.4 17.4 17.4 17.6 17.4 17.2 17.1	viewed crosswis 17.5 17.4 17.3 17.3 17.3 17.3 17.2 17.4 17.3 17.2	e 18.2 18.0 17.9 17.8 17.8 17.8 17.7 17.9 17.7 17.6	18.4 18.3 18.2 18.1 18.1 18.1 18.2 18.2 18.2	17.2 17.1 17.0 16.9 16.9 16.9 16.9 17.0 16.9	17.9 17.8 17.6 17.5 17.4 17.4 17.6 17.6	viewed endwise 17.5 17.4 17.4 17.3 17.3 17.3 17.3 17.3	18.2 18.0 17.9 17.8 17.8 17.8 17.7	18.4 18.3 18.2 18.1 18.1 18.1 18.2 18.2 18.2
y 2H 3H 6H 8H 12H 2H 3H 4H 6H 8H	17.1 17.0 16.9 16.9 16.9 17.0 16.9 16.8 16.7 16.7	18.0 17.7 17.6 17.5 17.4 17.4 17.4 17.6 17.4 17.2 17.1	17.5 17.4 17.3 17.3 17.3 17.3 17.2 17.4 17.4 17.3 17.2	e 18.2 18.0 17.9 17.8 17.8 17.8 17.7 17.9 17.7 17.6	18.3 18.2 18.1 18.1 18.1 18.1 18.2 18.2	17.1 17.0 16.9 16.9 16.9 17.0 16.9	17.9 17.8 17.6 17.5 17.4 17.4 17.4 17.6 17.4	endwise 17.5 17.4 17.4 17.3 17.3 17.3 17.3 17.3	18.2 18.0 17.9 17.8 17.8 17.7 17.9 17.7	18.3 18.2 18.1 18.1 18.1 18.2 18.1
2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	17.1 17.0 16.9 16.9 16.9 17.0 16.9 16.8 16.7 16.7	18.0 17.7 17.6 17.5 17.4 17.4 17.4 17.6 17.4 17.2 17.1	17.5 17.4 17.3 17.3 17.3 17.3 17.2 17.4 17.3 17.2	18.2 18.0 17.9 17.8 17.8 17.8 17.7 17.9 17.7 17.6	18.3 18.2 18.1 18.1 18.1 18.1 18.2 18.2	17.1 17.0 16.9 16.9 16.9 17.0 16.9	17.9 17.8 17.6 17.5 17.4 17.4 17.4 17.6 17.4	17.5 17.4 17.4 17.3 17.3 17.3 17.3 17.3	18.2 18.0 17.9 17.8 17.8 17.7 17.9 17.7	18.3 18.2 18.1 18.1 18.1 18.2 18.1
3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	17.1 17.0 16.9 16.9 16.9 17.0 16.9 16.8 16.7 16.7	17.7 17.6 17.5 17.4 17.4 17.4 17.6 17.4 17.2 17.1	17.4 17.3 17.3 17.3 17.2 17.4 17.3 17.2	18.0 17.9 17.8 17.8 17.7 17.7 17.9 17.7 17.6	18.3 18.2 18.1 18.1 18.1 18.1 18.2 18.2	17.1 17.0 16.9 16.9 16.9 17.0 16.9	17.8 17.6 17.5 17.4 17.4 17.4 17.6 17.4	17.4 17.4 17.3 17.3 17.3 17.3 17.3	18.0 17.9 17.8 17.8 17.7 17.9 17.9	18.3 18.2 18.1 18.1 18.1 18.2 18.1
4H 6H 8H 12H 2H 3H 4H 6H 8H	17.0 16.9 16.9 16.9 17.0 16.9 16.8 16.7 16.7	17.6 17.5 17.4 17.4 17.6 17.4 17.2 17.1	17.3 17.3 17.3 17.2 17.4 17.3 17.2	17.9 17.8 17.8 17.7 17.9 17.7 17.6	18.2 18.1 18.1 18.1 18.1 18.2 18.1	17.0 16.9 16.9 16.9 16.9 17.0 16.9	17.6 17.5 17.4 17.4 17.4 17.6 17.4	17.4 17.3 17.3 17.3 17.3 17.3	17.9 17.8 17.8 17.7 17.7 17.9 17.7	18.2 18.1 18.1 18.1 18.1 18.2 18.1
6H 8H 12H 2H 3H 4H 6H 8H	16.9 16.9 16.9 17.0 16.9 16.8 16.7 16.7	17.5 17.4 17.4 17.6 17.4 17.2 17.1	17.3 17.3 17.2 17.2 17.4 17.3 17.2	17.8 17.8 17.7 17.9 17.7 17.6	18.1 18.1 18.1 18.2 18.2 18.1	16.9 16.9 16.9 17.0 16.9	17.5 17.4 17.4 17.6 17.4	17.3 17.3 17.3 17.3 17.3 17.3	17.8 17.8 17.7 17.7	18.1 18.1 18.1 18.2 18.2
8H 12H 2H 3H 4H 6H 8H	16.9 16.9 17.0 16.9 16.8 16.7 16.7	17.4 17.4 17.6 17.4 17.2 17.1	17.3 17.2 17.4 17.3 17.2	17.8 17.7 17.9 17.7 17.6	18.1 18.1 18.2 18.1	16.9 16.9 17.0 16.9	17.4 17.4 17.6 17.4	17.3 17.3 17.3 17.3	17.8 17.7 17.9 17.7	18.1 18.1 18.2 18.1
2H 3H 4H 6H 8H	16.9 17.0 16.9 16.8 16.7 16.7	17.4 17.6 17.4 17.2 17.1	17.2 17.4 17.3 17.2	17.7 17.9 17.7 17.6	18.1 18.2 18.1	16.9 17.0 16.9	17.4 17.6 17.4	17.3 17.3 17.3	17.7 17.9 17.7	18.1 18.2 18.1
2H 3H 4H 6H 8H	17.0 16.9 16.8 16.7 16.7	17.6 17.4 17.2 17.1	17.4 17.3 17.2	17.9 17.7 17.6	18.2 18.1	17.0 16.9	17.6 17.4	17.3 17.3	17.9 17.7	18.2 18.1
3H 4H 6H 8H	16.9 16.8 16.7 16.7	17.4 17.2 17.1	17.3 17.2	17.7 17.6	18.1	16.9	17.4	17.3	17.7	18.1
4H 6H 8H	16.8 16.7 16.7	17.2 17.1	17.2	17.6						
6H 8H	16.7 16.7	17.1			18.0	16.8	17.7	17 2	17.6	18.0
вн	16.7		17.1			10.0	17.2	17.2	17.0	10.0
	10 Mar 1			17.5	17.9	16.7	17.1	17.1	17.5	17.9
		17.0	17.1	17.4	17.9	16.7	17.0	17.1	17.4	17.9
12H	16.6	16.9	17.1	17.4	17.8	16.6	16.9	17.1	17.4	17.8
4H	16.7	17.0	17.1	17.4	17.9	16.7	17.0	17.1	17.4	17.9
6H	16.6	16.9	17.0	17.3	17.8	16.6	16.9	17.0	17.3	17.8
8H	16.5	16.8	17.0	17.2	17.7	16.5	16.8	17.0	17.2	17.7
12H	16.5	16.7	17.0	17.2	17.7	16.5	16.7	17.0	17.2	17.7
4H	16.6	16.9	17.1	17.4	17.8	16.6	16.9	17.1	17.4	17.8
6H	16.5	16.8	17.0	17.2	17.7	16.5	16.8	17.0	17.2	17.7
8H	16.5	16.7	17.0	17.2	17.7	16.5	16.7	17.0	17.2	17.7
ns wi	th the ot	oserverp	osition	at spacin	ng:					
1.0H		2.	.9 / -18	.5			2.	9 / -18	.7	
1.5H		4.	.3 / -25	8.			4.	3 / -25	.6	
8	iH iH s wi DH	6H 16.5 6H 16.5 9 with the of 0 H 5 H	H 16.5 16.8 1H 16.5 16.7 s with the observer p 0H 2 0H 2 5H 4	H 16.5 16.8 17.0 H 16.5 16.7 17.0 s with the observer position 0 0 2.9 / -18 5H 4.3 / -25 -25	H 16.5 16.8 17.0 17.2 H 16.5 16.7 17.0 17.2 s with the observer position at spacin OH 2.9 / 18.5 5H 4.3 / -25.8	H 16.5 16.8 17.0 17.2 17.7 H 16.5 16.7 17.0 17.2 17.7 s with the observer position at spacing: 0H 2.9 / -18.5 5H 4.3 / -25.8	HH 16.5 16.8 17.0 17.2 17.7 16.5 HH 16.5 16.7 17.0 17.2 17.7 16.5 IS with the observer position at spacing: 17.7 16.5 16.7 17.2 17.7 16.5 OH 2.9 / -18.5 17.7 16.5 17.7 16.5 5H 4.3 / -25.8 17.7 16.5 17.7 16.5	H 16.5 16.8 17.0 17.2 17.7 16.5 16.8 H 16.5 16.7 17.0 17.2 17.7 16.5 16.7 s with the observer position at spacing: 0H 2.9 / -18.5 2. 2.5H 4.3 / -25.8 4.3	H 16.5 16.8 17.0 17.2 17.7 16.5 16.8 17.0 H 16.5 16.7 17.0 17.2 17.7 16.5 16.7 17.0 s with the observer position at spacing: 0H 2.9 / -18.5 2.9 / -18 5H 4.3 / -25.8 4.3 / -25 4.3 / -2	H 16.5 16.8 17.0 17.2 17.7 16.5 16.8 17.0 17.2 H 16.5 16.7 17.0 17.2 17.7 16.5 16.7 17.0 17.2 s with the observer position at spacing: 0H 2.9 / .18.5 2.9 / .18.7 5H 4.3 / .25.8 4.3 / .25.6