Design iGuzzini

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Last information update: April 2024

Product configuration: MV98

MV98: Fixed circular recessed luminaire - Ø125 mm - neutral white - flood optic - UGR<19



Product code

MV98: Fixed circular recessed luminaire - Ø125 mm - neutral white - flood optic - UGR<19 Attention! Code no longer in

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° flood optic.

Installation

Mounting ceiling recessed Wiring

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



product complete with an electronic ballast

Complies with EN60598-1 and pertinent regulations



IP20

IP54

On the visible part of the product once installe





303







125	

Technical data Im system: 1801 CRI (minimum): 80 W system: 15.4 Colour temperature [K]: 3000 2050 MacAdam Step: Im source: 2 W source: 13 Life Time LED 1: > 50,000h - L80 - B10 (Ta 25°C) Luminous efficiency (lm/W, 116.9 Lamp code: real value): Number of lamps for optical 1 Im in emergency mode: assembly: Total light flux at or above ZVEI Code: LED an angle of 90° [Lm]: Number of optical Light Output Ratio (L.O.R.) 88 assemblies: [%]: Beam angle [°]: 24°

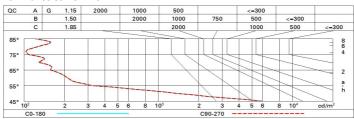
Polar

Imax=4875 cd		Lux			
90° 180° 90°	nL 0.88 98-100-100-100-88	h	d	Em	Emax
	UGR 17.0-17.0 DIN A.61	2	0.9	921	1219
	UTE 0.88A+0.00T F"1=978	4	1.7	230	305
5000	F"1+F"2=999 F"1+F"2+F"3=1000 CIBSE	6	2.6	102	135
α=24°	LG3 L<1500 cd/m² at 65° UGR<19 L<1500 cd/mq @	_{65°} 8	3.4	58	76

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



12H 17.2 17.7 17.7 4H 2H 17.3 17.9 17.3 H 17.2 17.7 17.4 H 17.1 17.5 17.6 H 17.0 17.4 17.3 12H 10.9 17.2 17. 8H 4H 17.0 17.3 17. 6H 16.9 17.1 17. 8H 16.8 17.1 17. 12H 16.8 17.0 17.2 12H 4H 10.9 17.2 17. 12H 4H 10.9 17.2 17.	0.30 0.20 0.20 ved wise 0.8 18.5 17. 18.3 1.7 18.2	0.30 0.30 0.20	0.70 0.50 0.20	0.70 0.30 0.20	0.50 0.50 0.20 viewed	0.50 0.30 0.20	0.30 0.30 0.20				
walls work pl. 0.50 0.30 0.5 Room dim X 0.20 0.20 0.20 0.20 2H 2H 17.6 18.2 17 3H 17.4 18.0 17 4H 17.3 17.9 17 6H 17.3 17.8 17 12H 17.2 17.7 17 4H 2H 17.3 17.9 17 4H 17.1 17.5 17 17 4H 17.0 17.4 17 17 8H 17.0 17.3 17 17 8H 4H 17.0 17.3 17 8H 16.8 17.1 17 8H 16.8 17.0 17 12H 16.9 17.	0.30 0.20 0.20 ved wise 18. 18.5 17. 18.3 17. 18.2	0.30 0.20	0.50	0.30	0.50 0.20 viewed	0.30	0.30				
work pl. 0.20 0.20 0.20 view cross 2H 2H 17.6 18.2 17 3H 17.4 18.0 17 4H 17.3 17.9 17 6H 17.3 17.8 17 12H 17.2 17.7 17 4H 2H 17.3 17.9 17 4H 2H 17.3 17.9 17 4H 17.1 17.5 17 17 6H 17.0 17.4 17 17 8H 17.0 17.3 17 17 8H 4H 17.0 17.3 17 8H 4H 17.0 17.3 17 8H 4H 17.0 17.3 17 8H 16.8 17.1 17 12H 16.8 17.0 17 12H 16.8 17.0 17 12H 16.8 17.1 17 <th>20 0.20 wed wise 1.8 18.5 1.7 18.3 1.7 18.2</th> <th>0.20</th> <th></th> <th></th> <th>0.20 viewed</th> <th></th> <th></th>	20 0.20 wed wise 1.8 18.5 1.7 18.3 1.7 18.2	0.20			0.20 viewed						
Room dim View cross X Y 2H 2H 17.6 18.2 17 3H 17.4 18.0 17 4H 17.3 17.9 17 6H 17.3 17.8 17 17.7 17 <	ved wise 1.8 18.5 1.7 18.3 1.7 18.2	18.7	0.20	0.20	viewed	0.20	0.20				
X Y Cross 2H 2H 17.6 18.2 17 3H 17.4 18.0 17 4H 17.3 17.9 17 6H 17.3 17.8 17 12H 17.2 17.7 17 4H 2H 17.3 17.9 17 3H 17.2 17.7 17 4H 2H 17.3 17.9 17 3H 17.2 17.7 17 4H 17.1 17.5 17 6H 17.0 17.4 17 8H 17.0 17.3 17 12H 16.9 17.2 17 8H 4H 17.0 17.3 17 6H 16.9 17.1 17 8H 16.8 17.1 17 12H 16.8 17.1 17 12H 16.8 17.1 17 12H 4H 16.9 17.2 17	% 18.5 1.7 18.3 1.7 18.2						0.20				
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6H 17.3 17.8 17 8H 17.2 17.7 17 12H 17.2 17.7 17 4H 2H 17.3 17.9 17 3H 17.2 17.7 17 4H 17.1 17.5 17 6H 17.0 17.4 17 12H 16.9 17.2 17 8H 4H 17.0 17.3 17 6H 16.9 17.1 17 8H 16.8 17.1 17 12H 16.8 17.0 17.1	W 0.575	18.6	17.4	18.0	17.7	18.3	18.				
8H 17.2 17.7 17 12H 17.2 17.7 17 4H 2H 17.3 17.9 17 3H 17.2 17.7 17 4H 17.1 17.5 17 6H 17.0 17.4 17 8H 17.0 17.3 17 12H 16.9 17.2 17 8H 16.8 17.1 17 12H 16.8 17.0 17.3 17 12H 16.8 17.1 17 12H 16.8 17.1 17	.6 18.1	18.5	17.3	17.9	17.7	18.2	18.				
12H 17.2 17.7 17. 4H 2H 17.3 17.9 17. 3H 17.2 17.7 17. 4H 17.1 17.5 17. 6H 17.0 17.4 17. 8H 17.0 17.3 17. 12H 16.9 17.2 17. 8H 4H 17.0 17.3 17. 6H 16.9 17.1 17. 8H 16.8 17.1 17. 12H 16.8 17.0 17. 12H 4H 16.9 17.2 17. 12H 4H 16.9 17.2 17. 12H 4H 16.8 17.1 17.	D. 1920	18.4	17.3	17.8	17.6	18.1	18.				
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3H 17.2 17.7 17 4H 17.1 17.5 17 6H 17.0 17.4 17 8H 17.0 17.3 17 12H 16.9 17.2 17 8H 4H 17.0 17.3 17 6H 16.9 17.1 17 8H 61.8 17.1 17 12H 16.8 17.0 17.1 12H 4H 16.9 17.2 17 6H 16.8 17.1 17	18.0	18.3	17.2	17.7	17.6	18.0	18.				
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8H 4H 17.0 17.4 17 8H 17.0 17.3 17 12H 16.9 17.2 17 8H 4H 17.0 17.3 17 6H 16.9 17.1 17 8H 16.8 17.1 17 12H 4H 16.9 17.2 17 6H 16.8 17.1 17	0.81 6.1	18.3	17.2	17.7	17.6	18.0	18.				
8H	.5 17.9	18.3	17.1	17.5	17.5	17.9	18.				
8H 4H 17.0 17.3 17 6H 16.9 17.1 17 8H 16.8 17.1 17 12H 2H 16.8 17.0 17 12H 4H 16.9 17.2 17 6H 16.8 17.1 17	.4 17.8	18.2	17.0	17.4	17.4	17.8	18.				
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8H 16.8 17.1 17 12H 16.8 17.0 17 12H 4H 16.9 17.2 17 6H 16.8 17.1 17	.4 17.7	18.1	17.0	17.3	17.4	17.7	18.				
12H 16.8 17.0 17 12H 4H 16.9 17.2 17 6H 16.8 17.1 17	.3 17.6	18.1	16.9	17.1	17.3	17.6	18.				
12H 4H 16.9 17.2 17 6H 16.8 17.1 17	.3 17.5	18.0	16.8	17.1	17.3	17.5	18.				
6H 16.8 17.1 17	.3 17.5	18.0	16.8	17.0	17.3	17.5	18.				
	'.4 1 7.6	18.1	16.9	17.2	17.4	17.6	18.				
8H 16.8 17.0 17	.3 17.5	18.0	16.8	17.1	17.3	17.5	18.				
	.3 17.5	18.0	16.8	17.0	17.3	17.5	18.				
Variations with the observer positi	on at spacir	ng:									
S = 1.0H 4.4 /	4.4 / -24.6					4.4 / -24.6					
1.5H 7.2 /	-25.8		7.2 / -25.8								