

Reflex iGuzzini

iGuzzini

Last information update: May 2025

Product configuration: N106.39
N106.39: adjustable luminaire - Ø 212 mm - neutral white - flood optic - frame - 34.2W 3375.3lm - 4000K - White / Aluminium

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Round adjustable luminaire designed to use an LED lamp with C.O.B. technology in a neutral white colour tone 4000K. Version with rim for surface-mounting. Lower reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Anodised aluminium upper reflector. Black, zinc-plated sheet steel bracket. The luminaire can be rotated 30° relative to the horizontal plane and 358° about the vertical axis. The luminaire is fitted with mechanical locks for light beam aiming. Painted extruded aluminium dissipater.

Installation flush with the ceiling is for false ceilings 12.5 mm thick

Color	Weight (kg)
White / Aluminium (39)	1.9

ceiling recessed

Product complete with DALI components

Complies with EN60598-1 and pertinent regulations



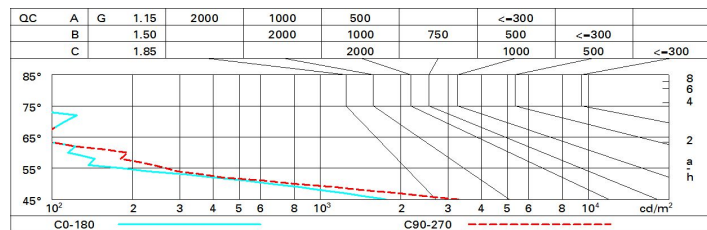
Technical data		MacAdam Step:		2
Im system:	3375	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)	
W system:	34.2	Lamp code:	LED	
Im source:	5200	Number of lamps for optical assembly:	1	
W source:	31	ZVEI Code:	LED	
Luminous efficiency (lm/W, real value):	98.7	Number of optical assemblies:	1	
Im in emergency mode:	-	Power factor:	See installation instructions	
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	18 A / 250 µs	
Light Output Ratio (L.O.R.) [%]:	65	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 21 luminaires B16A: 34 luminaires C10A: 35 luminaires C16A: 57 luminaires	
Beam angle [°]:	32° / 31°	Minimum dimming %:	1	
CRI (minimum):	80	Overvoltage protection:	2kV Common mode & 1kV Differential mode	
Rf (Colour Fidelity Index):	83	Control:	DALI-2	
Rg (Gamut Index):	94			
Colour temperature [K]:	4000			

	<p>CIE nL 0.65 99-100-100-65 UGR <10-<10</p> <p>DIN A.61</p> <p>UTE 0.65A+0.00T F*1=991 F*1+F*2=1000 F*1+F*2+F*3=1000</p> <p>CIBSE LG3 L<1500 cd/m² at 65° UGR<10 L<1500 cd/m² @65°</p>	<p>Lux</p> <table border="1"> <thead> <tr> <th>h</th> <th>d1</th> <th>d2</th> <th>Em</th> <th>Emax</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>1.1</td> <td>1.1</td> <td>2032</td> <td>2644</td> </tr> <tr> <td>4</td> <td>2.2</td> <td>2.2</td> <td>508</td> <td>661</td> </tr> <tr> <td>6</td> <td>3.4</td> <td>3.3</td> <td>226</td> <td>294</td> </tr> <tr> <td>8</td> <td>4.5</td> <td>4.4</td> <td>127</td> <td>165</td> </tr> </tbody> </table>	h	d1	d2	Em	Emax	2	1.1	1.1	2032	2644	4	2.2	2.2	508	661	6	3.4	3.3	226	294	8	4.5	4.4	127	165
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2	1.1	1.1	2032	2644																							
4	2.2	2.2	508	661																							
6	3.4	3.3	226	294																							
8	4.5	4.4	127	165																							

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	58	55	53	52	55	53	53	50	78
1.0	61	58	56	55	58	56	56	53	82
1.5	64	62	60	59	61	60	59	57	88
2.0	66	65	63	62	64	63	62	60	93
2.5	67	66	65	65	65	64	64	62	96
3.0	68	67	67	66	66	66	65	63	98
4.0	69	68	68	67	67	67	66	64	99
5.0	69	69	69	68	68	68	67	65	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 5200 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		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	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
2H	2H	7.3	7.8	7.6	8.1	8.3	5.8	6.4	6.1	6.6	6.8
	3H	7.2	7.7	7.5	7.9	8.2	5.7	6.2	6.0	6.4	6.7
	4H	7.1	7.6	7.4	7.8	8.1	5.6	6.1	5.9	6.4	6.6
	6H	7.0	7.4	7.4	7.7	8.1	5.5	6.0	5.9	6.3	6.6
	8H	7.0	7.4	7.3	7.7	8.0	5.5	5.9	5.8	6.2	6.6
	12H	6.9	7.3	7.3	7.7	8.0	5.5	5.8	5.8	6.2	6.5
4H	2H	7.1	7.5	7.4	7.8	8.1	5.6	6.1	5.9	6.4	6.6
	3H	6.9	7.3	7.3	7.7	8.0	5.5	5.8	5.8	6.2	6.5
	4H	6.9	7.2	7.3	7.6	7.9	5.4	5.7	5.8	6.1	6.5
	6H	6.8	7.1	7.2	7.5	7.9	5.3	5.6	5.7	6.0	6.4
	8H	6.7	7.0	7.2	7.4	7.8	5.2	5.5	5.7	5.9	6.4
	12H	6.7	6.9	7.1	7.3	7.8	5.2	5.4	5.6	5.9	6.3
8H	4H	6.7	7.0	7.2	7.4	7.8	5.2	5.5	5.7	5.9	6.4
	6H	6.6	6.9	7.1	7.3	7.8	5.1	5.4	5.6	5.8	6.3
	8H	6.6	6.8	7.1	7.2	7.7	5.1	5.3	5.6	5.7	6.2
	12H	6.5	6.7	7.0	7.2	7.7	5.0	5.2	5.5	5.7	6.2
12H	4H	6.7	6.9	7.1	7.4	7.8	5.2	5.4	5.6	5.9	6.3
	6H	6.6	6.8	7.1	7.2	7.7	5.1	5.3	5.6	5.7	6.2
	8H	6.5	6.7	7.0	7.2	7.7	5.0	5.2	5.5	5.7	6.2
Variations with the observer position at spacing:											
S =		1.0H					4.4 / -14.5				
		1.5H					7.2 / -18.5				
		2.0H					9.2 / -22.0				