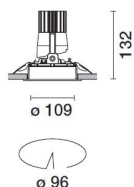


Design iGuzzini iGuzzini

**Product configuration: N079.Y**  
N079.Y: adjustable luminaire - Ø 96 mm - warm white - medium optic - frame



N079.Y: adjustable luminaire - Ø 96 mm - warm white - medium optic - frame

Round adjustable luminaire designed to use an LED lamp with C.O.B. technology in a warm white colour tone 3000K (CRI 90). Version with rim for surface-mounting. Painted, die-cast aluminium body. 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.

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)**  
0.49

## ceiling recessed

Product complete with DALI components

## Tpa rated

Complies with EN60598-1 and pertinent regulations



Im system:	780	CRI (minimum):	90
W system:	16.1	Colour temperature [K]:	3000
Im source:	1700	MacAdam Step:	2
W source:	14	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	48.4	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	46	Number of optical assemblies:	1
Beam angle [°]:	25°	Control:	DALI-2

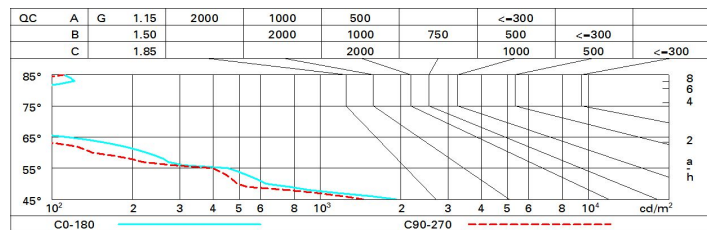
The figure shows a light distribution diagram for the C0-180 luminaire. The diagram is a circular plot with a vertical axis representing the beam angle from 0° to 90° and a horizontal axis representing the beam angle from 90° to 180°. A red dashed line indicates the beam spread, which is wider at 0° and narrows as the angle increases. A blue dashed line indicates the beam spread at 180°. The diagram is labeled with 'Imax=3556 cd' at the top left, 'C0-180' at the top center, and 'α=25°' at the bottom left. To the right of the diagram is a table of photometric data.

CIE		Lux				
nL 0.46		h	d1	d2	Em	Emax
99-100-100-100-46		2	0.9	0.9	670	889
UGR <10<10		4	1.8	1.8	167	222
<b>DIN</b>		6	2.7	2.7	74	99
A.61		8	3.5	3.5	42	56
<b>UTE</b>						
0.46A+0.00T						
F*1=995						
F*1+F*2=1000						
F*1+F*2+F*3=1000						
<b>LG3</b>						
C L<1500 cd/m² at 65°						
UGR<10   L<1500 cd/mq @65°						

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	41	39	38	37	39	37	37	36	78
1.0	43	41	40	39	41	40	39	38	83
1.5	45	44	43	42	43	42	42	41	88
2.0	47	46	45	44	45	44	44	43	93
2.5	48	47	46	46	46	46	45	44	96
3.0	48	48	47	47	47	46	46	45	98
4.0	49	48	48	48	48	47	47	46	99
5.0	49	49	48	48	48	48	47	46	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 1700 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x      y		viewed crosswise					viewed endwise				
2H	2H	0.8	2.9	1.2	3.3	3.6	0.4	2.6	0.8	2.9	3.3
	3H	0.6	2.3	1.0	2.7	3.0	0.3	2.0	0.7	2.3	2.7
	4H	0.6	2.0	1.0	2.3	2.7	0.3	1.7	0.6	2.0	2.3
	6H	0.6	1.6	0.9	2.0	2.3	0.2	1.3	0.6	1.6	2.0
	8H	0.5	1.6	0.9	1.9	2.3	0.2	1.2	0.6	1.6	1.9
	12H	0.5	1.5	0.9	1.8	2.2	0.1	1.1	0.5	1.5	1.9
4H	2H	0.6	2.0	1.0	2.3	2.7	0.2	1.6	0.6	2.0	2.3
	3H	0.5	1.5	0.9	1.8	2.2	0.1	1.2	0.5	1.5	1.9
	4H	0.4	1.3	0.8	1.7	2.1	0.0	1.0	0.5	1.4	1.8
	6H	-0.0	1.7	0.5	2.1	2.6	-0.3	1.4	0.1	1.8	2.3
	8H	-0.1	1.8	0.4	2.2	2.7	-0.5	1.4	0.0	1.9	2.4
	12H	-0.2	1.8	0.3	2.2	2.8	-0.6	1.4	-0.1	1.9	2.4
8H	4H	-0.2	1.8	0.3	2.2	2.7	-0.5	1.4	0.0	1.9	2.4
	6H	-0.3	1.6	0.2	2.1	2.6	-0.6	1.2	-0.1	1.7	2.3
	8H	-0.3	1.4	0.2	1.9	2.4	-0.6	1.0	-0.1	1.5	2.1
	12H	-0.1	1.0	0.4	1.5	2.0	-0.5	0.6	0.1	1.1	1.7
12H	4H	-0.3	1.7	0.2	2.2	2.7	-0.6	1.4	-0.1	1.9	2.4
	6H	-0.3	1.4	0.2	1.9	2.4	-0.6	1.0	-0.1	1.5	2.1
	8H	-0.1	1.0	0.4	1.5	2.0	-0.4	0.6	0.1	1.1	1.7
Variations with the observer position at spacing:											
S =	1.0H	3.9 / -8.6					4.4 / -9.8				
	1.5H	6.7 / -13.5					7.2 / -11.8				
	2.0H	8.6 / -13.5					9.2 / -14.1				