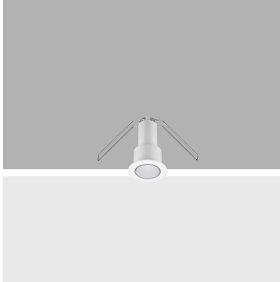


Last information update: December 2024

Product configuration: P308.01

P308.01: Fixed round mini-recessed luminaire - LED - medium - White

**Product code**

P308.01: Fixed round mini-recessed luminaire - LED - medium - White

Technical description

Fixed round mini-recessed luminaire with contact frame. The LED is set back to minimize direct glare. The recessed body is made of machined aluminium and the inside of the ring of thermoplastic available in a range of painted and metallised finishes. PMMA - medium (25°) high resolution optic lens. LED 4000K. Tool free assembly. Power unit available with a separate code no.

Installation

Recessed in a false ceiling by means of a steel wire spring - minimum thickness of false ceiling: 1 mm - preparation hole Ø 25 mm.

Colour

White (01)

Weight (Kg)

0.03

Mounting

wall recessed|ceiling recessed

Wiring

Direct current ballasts are available with a separate code no.: ON-OFF / 1-10V dimmable / DALI dimmable / Trailing Edge dimmable

Notes

The 25° optic is not available for the finishes: E4 (white - chrome) - 41 (white - gold) - E9 (white - satin finish gold) - E7 (white - burnished chrome)

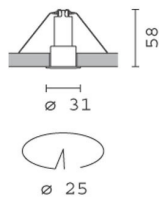
Complies with EN60598-1 and pertinent regulations



IP20

IP43

On the visible part of
the product once installed

**Technical data**

Im system:	168	CRI (minimum):	80
W system:	2	Colour temperature [K]:	4000
Im source:	250	MacAdam Step:	2
W source:	2	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	83.8	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.) [%]:	67	Number of optical assemblies:	1
Beam angle [°]:	24°	LED current [mA]:	700

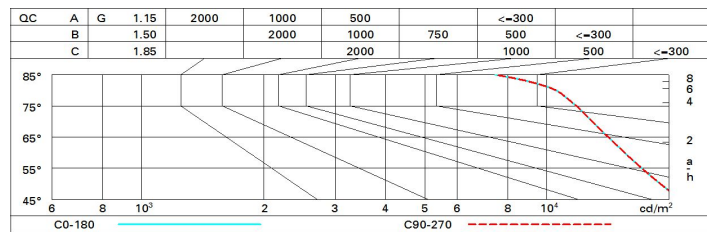
Polar

CIE		Lux			
nL 0.67		h	d	Em	Emax
96-98-100-100-67		1	0.4	714	899
UGR 16.5-16.2		2	0.9	178	225
DIN A.61		3	1.3	79	100
UTE 0.67A+0.00T		4	1.7	45	56
F*1=956					
F*1+F*2=985					
F*1+F*2+F*3=997					

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	59	56	53	52	55	53	53	50	75
1.0	62	59	57	55	58	56	56	54	80
1.5	65	63	61	60	62	61	60	58	86
2.0	68	66	64	63	65	64	63	61	91
2.5	69	68	67	66	67	66	65	63	94
3.0	70	69	68	67	68	67	66	64	96
4.0	71	70	70	69	69	68	67	66	98
5.0	71	71	70	70	70	69	68	66	99

Luminance curve limit



UGR diagram

Corrected UGR values (at 250 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	13.9	15.9	14.3	10.3	10.0	13.9	15.9	14.3	10.3	10.0
	3H	15.1	10.6	15.4	10.9	17.2	14.3	15.8	14.7	10.1	10.5
	4H	15.5	10.7	15.9	17.1	17.4	14.5	15.7	14.8	10.0	10.3
	6H	15.9	10.8	16.3	17.1	17.5	14.6	15.4	14.9	15.7	10.1
	8H	16.0	10.9	16.4	17.2	17.6	14.5	15.4	14.9	15.7	10.1
	12H	16.1	10.9	16.5	17.3	17.7	14.5	15.4	14.9	15.7	10.1
4H	2H	14.5	15.7	14.8	10.0	10.3	15.5	10.7	15.9	17.1	17.4
	3H	15.8	10.7	16.2	17.0	17.4	16.1	17.0	16.5	17.4	17.7
	4H	16.3	17.2	16.8	17.6	18.0	16.3	17.2	16.8	17.6	18.0
	6H	16.5	18.1	17.0	18.6	19.0	16.2	17.8	16.7	18.3	18.8
	8H	16.5	18.4	17.0	18.9	19.4	16.2	18.0	16.6	18.5	19.0
	12H	16.6	18.5	17.1	18.9	19.5	16.1	18.0	16.6	18.5	19.0
8H	4H	16.2	18.0	16.6	18.5	19.0	16.5	18.4	17.0	18.9	19.4
	6H	16.7	18.4	17.2	18.9	19.4	16.8	18.5	17.3	19.0	19.5
	8H	17.0	18.4	17.5	18.9	19.5	17.0	18.4	17.5	18.9	19.5
	12H	17.2	18.3	17.7	18.8	19.3	17.1	18.2	17.7	18.7	19.3
12H	4H	16.1	18.0	16.6	18.5	19.0	16.6	18.5	17.1	18.9	19.5
	6H	16.8	18.3	17.3	18.8	19.3	16.9	18.4	17.5	18.9	19.5
	8H	17.1	18.2	17.7	18.7	19.3	17.2	18.3	17.7	18.8	19.3
Variations with the observer position at spacing:											
S =	1.0H	0.2 / -0.2					0.2 / -0.2				
	1.5H	0.3 / -0.6					0.3 / -0.6				
	2.0H	0.6 / -0.9					0.6 / -0.9				