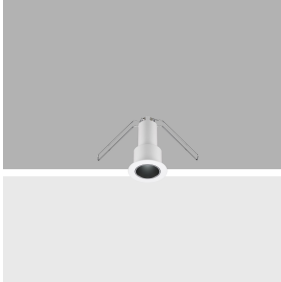


Last information update: December 2024

**Product configuration: P308.47**

P308.47: Fixed round mini-recessed luminaire - LED - medium - Black / White

**Product code**

P308.47: Fixed round mini-recessed luminaire - LED - medium - Black / 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**

Black / White (47)

**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)

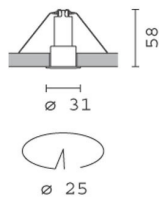
Complies with EN60598-1 and pertinent regulations



IP20

IP43

On the visible part of the product once installed

**Technical data**

Im system:	153	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):	76.3	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.) [%]:	61	Number of optical assemblies:	1
Beam angle [°]:	22°	LED current [mA]:	700

**Polar**

Imax=1074 cd		CIE		Lux			
90°	180°	nL 0.61	100-100-100-100-61	h	d	Em	Emax
		UGR <10-10	DIN A.61	1	0.4	841	1074
		UTE 0.61A+0.00T	F*1=999	2	0.8	210	269
		F*1+F*2=999	F*1+F*2+F*3=1000	3	1.1	93	119
		CIBSE LG3 L<3000 cd/m² at 65°	UGR<10   L<3000 cd/mq @65°	4	1.5	53	67
α=21°							

R	77	75	73	71	55	53	33	00	DRR
K0.8	55	52	50	49	52	50	50	48	78
1.0	58	55	53	52	54	53	52	51	83
1.5	60	58	57	56	58	56	56	54	89
2.0	62	61	60	59	60	59	58	57	93
2.5	63	62	61	61	61	61	60	58	96
3.0	64	63	63	62	62	62	61	60	98
4.0	65	64	64	64	63	63	62	61	99
5.0	65	65	65	64	64	64	63	61	100

[illegible]

Corrected UGR values (at 250 lm bare lamp lumino us flux)											
Reflect.: ceil/cav walls work pl. Room dim x      y		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
		viewed crosswise					viewed endwise				
2H	2H	-12.3	-10.1	-11.9	-9.8	-9.4	-12.3	-10.1	-11.9	-9.8	-9.4
	3H	-9.4	-7.8	-9.0	-7.5	-7.2	-11.6	-10.1	-11.2	-9.7	-9.4
	4H	-7.6	-6.4	-7.2	-6.1	-5.8	-11.2	-10.0	-10.8	-9.7	-9.4
	6H	-5.6	-4.9	-5.3	-4.5	-4.2	-10.8	-10.0	-10.4	-9.7	-9.3
	8H	-4.6	-3.8	-4.3	-3.5	-3.1	-10.6	-9.8	-10.3	-9.5	-9.1
	12H	-3.5	-2.7	-3.1	-2.3	-1.9	-10.6	-9.8	-10.2	-9.4	-9.0
4H	2H	-11.2	-10.0	-10.8	-9.7	-9.4	-7.6	-6.4	-7.2	-6.1	-5.8
	3H	-8.0	-7.2	-7.6	-6.8	-6.4	-6.6	-5.8	-6.2	-5.4	-5.1
	4H	-6.2	-5.2	-5.7	-4.9	-4.4	-6.2	-5.2	-5.7	-4.9	-4.4
	6H	-4.4	-2.7	-3.9	-2.2	-1.8	-5.9	-4.2	-5.5	-3.8	-3.3
	8H	-3.4	-1.5	-2.9	-1.0	-0.5	-5.8	-3.8	-5.3	-3.4	-2.9
	12H	-2.2	-0.2	-1.7	0.3	0.8	-5.6	-3.6	-5.1	-3.2	-2.6
8H	4H	-5.8	-3.8	-5.3	-3.4	-2.9	-3.4	-1.5	-2.9	-1.0	-0.5
	6H	-3.5	-1.7	-3.0	-1.2	-0.7	-2.6	-0.9	-2.1	-0.4	0.1
	8H	-2.2	-0.7	-1.6	-0.2	0.4	-2.2	-0.7	-1.6	-0.2	0.4
	12H	-0.5	0.5	-0.0	1.0	1.6	-1.6	-0.5	-1.1	-0.0	0.5
12H	4H	-5.6	-3.6	-5.1	-3.2	-2.6	-2.2	-0.2	-1.7	0.3	0.8
	6H	-3.1	-1.6	-2.6	-1.1	-0.6	-1.2	0.3	-0.7	0.8	1.3
	8H	-1.6	-0.5	-1.1	-0.0	0.5	-0.5	0.5	-0.0	1.0	1.6
Variations with the observer position at spacing:											
S =	1.0H	0.1 / -0.2					0.1 / -0.2				
	1.5H	0.2 / -0.3					0.2 / -0.3				
	2.0H	0.3 / -0.4					0.3 / -0.4				