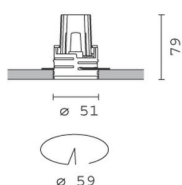
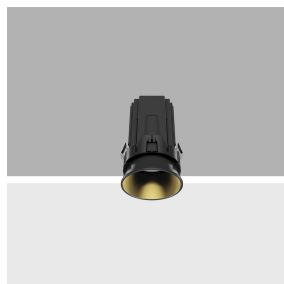


Last information update: August 2023

Product configuration: P332

P332: Fixed round recessed luminaire - Minimal - LED - flood - Super Comfort

**Product code**P332: Fixed round recessed luminaire - Minimal - LED - flood - Super Comfort **Attention! Code no longer in production****Technical description**

Minimal round recessed luminaire (frameless). Fixed Super Comfort version: the LEDs are set a long way back to minimize glare and guarantee a high level of visual comfort. The main body is made of die-cast aluminium with a radiant surface that guarantees optimum heat dissipation. Metallised, thermoplastic, high definition reflector - flood optic (40°). Die-cast aluminium structure installed flush with ceiling. Adapter for false ceilings between 12.5 and 25 mm thick. The internal ring is made of thermoplastic available in a range of painted and metallised finishes. Safety glass included High color rendering index 3,000K LED. Power unit available with a separate code no.

Installation

For flush with ceiling installation, an adapter is fitted according to the thickness of the false ceiling (12.5 to 25 mm). The following filling and finishing operations are simplified by a special protection template, and the luminaire is recessed in the adapter by means of an anti-fall steel wire spring.

Colour

White (01) | Black (04) | Chrome (10) | Brass (14) | Burnished chrome (E6) | Gold satin-finish (E8)

Weight (Kg)

0.14

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 - the recessed fitting includes a cable and a quick-coupling connector to connect it to the connector on the ballast.

Notes

A wide range of decorative accessories and diffusers is available - a special protection template is also included to facilitate decorating the ceiling around the flush finish.

Complies with EN60598-1 and pertinent regulations



IP20

IP44

On the visible part of the product once installed



pending

Technical data

Im system:	608	Colour temperature [K]:	3000
W system:	6.8	MacAdam Step:	2
Im source:	800	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	6.8	Ballast losses [W]:	0
Luminous efficiency (Im/W, real value):	89.4	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.) [%]:	76	Number of optical assemblies:	1
Beam angle [°]:	40°	LED current [mA]:	200
CRI (minimum):	90		

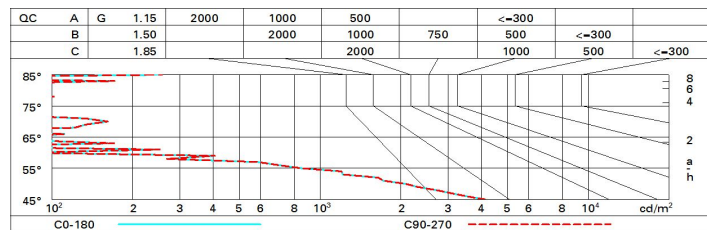
Polar

Imax=1445 cd		CIE		Lux	
90°	180°	nL 0.76		h	d
		99-100-100-100-76			Em
		UGR <10-10			Emax
		DIN A.61		1	0.7
		UTE 0.76A+0.00T		2	1.5
		F*1=993		3	2.2
		F*1+F*2=1000		4	2.9
		F*1+F*2+F*3=1000			
		CIBSE LG3 L<1500 cd/m² at 65°			
		UGR<10 L<1500 cd/mq @ 65°			
α=40°					

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	68	65	62	60	64	62	62	59	78
1.0	71	68	66	64	68	65	65	63	83
1.5	75	73	71	69	72	70	69	67	88
2.0	77	76	74	73	75	73	73	70	93
2.5	79	78	77	76	76	75	75	73	96
3.0	80	79	78	77	78	77	76	74	98
4.0	81	80	80	79	79	78	77	75	99
5.0	81	81	80	80	79	79	78	76	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 800 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	9.4	10.0	9.7	10.2	10.5	9.4	10.0	9.7	10.2	10.5
	3H	9.3	9.8	9.6	10.1	10.4	9.3	9.8	9.6	10.1	10.4
	4H	9.2	9.7	9.6	10.0	10.3	9.2	9.7	9.6	10.0	10.3
	6H	9.1	9.6	9.5	9.9	10.2	9.1	9.6	9.5	9.9	10.2
	8H	9.1	9.5	9.5	9.9	10.2	9.1	9.5	9.5	9.9	10.2
	12H	9.1	9.5	9.4	9.8	10.2	9.1	9.5	9.4	9.8	10.2
4H	2H	9.2	9.7	9.6	10.0	10.3	9.2	9.7	9.6	10.0	10.3
	3H	9.1	9.5	9.4	9.8	10.2	9.1	9.5	9.4	9.8	10.2
	4H	9.0	9.3	9.4	9.7	10.1	9.0	9.3	9.4	9.7	10.1
	6H	8.9	9.2	9.3	9.6	10.0	8.9	9.2	9.3	9.6	10.0
	8H	8.8	9.1	9.3	9.5	10.0	8.8	9.1	9.3	9.5	10.0
	12H	8.8	9.1	9.3	9.5	9.9	8.8	9.1	9.3	9.5	9.9
8H	4H	8.8	9.1	9.3	9.5	10.0	8.8	9.1	9.3	9.5	10.0
	6H	8.8	9.0	9.2	9.4	9.9	8.8	9.0	9.2	9.4	9.9
	8H	8.7	8.9	9.2	9.4	9.9	8.7	8.9	9.2	9.4	9.9
	12H	8.6	8.8	9.1	9.3	9.8	8.6	8.8	9.1	9.3	9.8
12H	4H	8.8	9.1	9.3	9.5	9.9	8.8	9.1	9.3	9.5	9.9
	6H	8.7	8.9	9.2	9.4	9.9	8.7	8.9	9.2	9.4	9.9
	8H	8.6	8.8	9.1	9.3	9.8	8.6	8.8	9.1	9.3	9.8
Variations with the observer position at spacing:											
S =	1.0H	6.0 / -14.5					6.0 / -14.5				
	1.5H	8.8 / -22.2					8.8 / -22.2				
	2.0H	10.8 / -22.9					10.8 / -22.9				