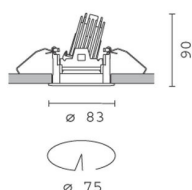


Last information update: June 2018

**Adjustable round recessed luminaire - LED - flood - Super Comfort****Product code**

P368

Technical description

Round recessed luminaire with contact frame. Adjustable version that rotates internally by 355° and tilts by a maximum of 30°. The swivel unit rotates in a set back position in relation to the surface of the ceiling in order to guarantee precise, comfortable light diffusion and reduce direct glare significantly. The swivel unit body is made of die-cast aluminium with a radiant surface that guarantees optimum heat dissipation. Metallised, thermoplastic, high definition reflector - flood optic (40°). Structure with die-cast aluminium external contact frame with a single white finish. Steel rotating parts. The rings inside the recessed body and the swivel unit are made of thermoplastic available in a range of painted and metallised finishes. Safety glass included Quick and easy tool free assembly. High color rendering index 3,000K LED. Power unit available with a separate code no.

Installation

Recessed in a false ceiling by means of an anti-fall steel wire spring - minimum thickness of false ceiling: 1 mm - preparation hole Ø 75 mm.

Dimension (mm)

Ø83x90

Colour

White (01) | White/Brass (41) | Black/Black (43) | Black/White (47) | White/Chrome (E4) | (E7) | (E9)

Weight (Kg)

0.16

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 also available.

Complies with EN60598-1 and pertinent regulations



IP20

IP23

On the visible part of the product once installed

**Product configuration: P368.01****Product characteristics**

Total lighting output [Lm]: 489
Total power [W]: 7.3
Luminous efficacy [Lm/W]: 67
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

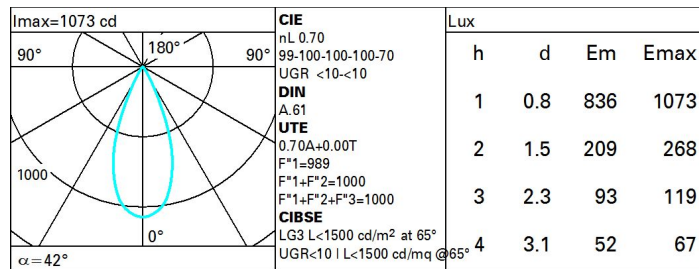
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 70
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 7.3
Nominal luminous [Lm]: 700
Lamp maximum intensity [cd]: /
Beam angle [°]: 42°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 0
Colour temperature [K]: 3000
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3

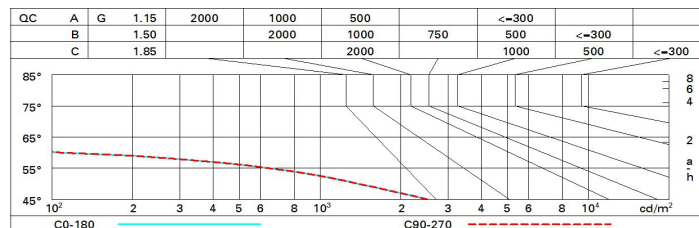
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	63	60	57	55	59	57	57	54	78
1.0	66	63	61	59	62	60	60	58	82
1.5	69	67	65	64	66	64	64	62	88
2.0	71	70	68	67	69	67	67	65	93
2.5	72	71	70	69	70	69	69	67	95
3.0	73	73	72	71	71	71	70	68	97
4.0	74	74	73	73	72	72	71	69	99
5.0	75	74	74	74	73	73	72	70	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 700 lm bare lamp luminous flux)												
Reflect.: ceiling/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	7.8	8.4	8.1	8.7	8.9	7.8	8.4	8.1	8.7	8.9	
	3H	7.7	8.2	8.0	8.5	8.8	7.7	8.2	8.0	8.5	8.8	
	4H	7.6	8.1	8.0	8.4	8.7	7.6	8.1	8.0	8.4	8.7	
	6H	7.5	8.0	7.9	8.3	8.6	7.6	8.0	7.9	8.3	8.6	
	8H	7.5	7.9	7.9	8.3	8.6	7.5	8.0	7.9	8.3	8.6	
	12H	7.5	7.9	7.8	8.2	8.6	7.5	7.9	7.9	8.2	8.6	
4H	2H	7.6	8.1	8.0	8.4	8.7	7.6	8.1	8.0	8.4	8.7	
	3H	7.5	7.9	7.9	8.2	8.6	7.5	7.9	7.9	8.2	8.6	
	4H	7.4	7.8	7.8	8.1	8.5	7.4	7.8	7.8	8.1	8.5	
	6H	7.3	7.6	7.7	8.0	8.4	7.3	7.6	7.7	8.0	8.4	
	8H	7.3	7.5	7.7	8.0	8.4	7.3	7.5	7.7	8.0	8.4	
	12H	7.2	7.5	7.7	7.9	8.4	7.2	7.5	7.7	7.9	8.4	
8H	4H	7.3	7.5	7.7	8.0	8.4	7.3	7.5	7.7	8.0	8.4	
	6H	7.2	7.4	7.6	7.8	8.3	7.2	7.4	7.6	7.8	8.3	
	8H	7.1	7.3	7.6	7.8	8.3	7.1	7.3	7.6	7.8	8.3	
	12H	7.1	7.2	7.6	7.7	8.2	7.1	7.2	7.6	7.7	8.2	
12H	4H	7.2	7.5	7.7	7.9	8.4	7.2	7.5	7.7	7.9	8.4	
	6H	7.1	7.3	7.6	7.8	8.3	7.1	7.3	7.6	7.8	8.3	
	8H	7.1	7.2	7.6	7.7	8.2	7.1	7.2	7.6	7.7	8.2	
Variations with the observer position at spacing:												
S =		1.0H	5.7 / -12.2					5.7 / -12.2				
		1.5H	8.5 / -23.3					8.5 / -23.3				
		2.0H	10.5 / -23.7					10.5 / -23.7				