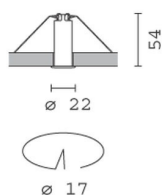
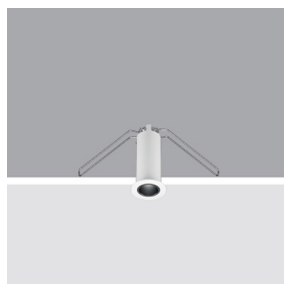


Last information update: June 2018

**Fixed round mini-recessed luminaire - LED - spot****Product code**

P303

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 - spot (16°) 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 17 mm.

Dimension (mm)

Ø22x54

Colour

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

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

Complies with EN60598-1 and pertinent regulations



IP20

IP43

On the visible part of
the product once installed

**Product configuration: P303.01****Product characteristics**

Total lighting output [Lm]: 91
Total power [W]: 1.4
Luminous efficacy [Lm/W]: 65.1
Life Time: 50,000h - L80 - B10 (Ta 25°C)

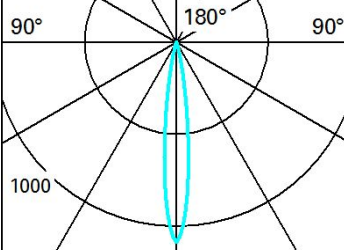
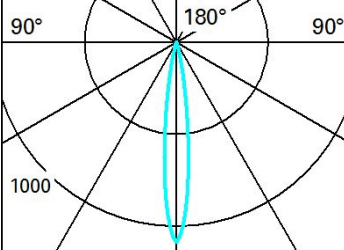
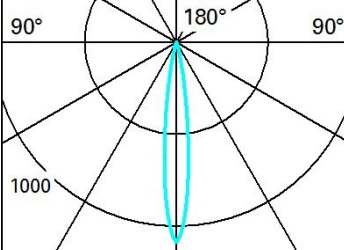
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 57
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 1.4
Nominal luminous [Lm]: 160
Lamp maximum intensity [cd]: /
Beam angle [°]: 14°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 0
Colour temperature [K]: 4000
CRI: 80
Wavelength [nm]: /
MacAdam Step: 3

Polar

Imax=1087 cd		Lux				
90°	180°	90°	h	d	Em	Emax
			1	0.2	827	1087
			2	0.5	207	272
			3	0.7	92	121
			4	1	52	68
α = 14°						

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	49	46	44	42	46	44	43	41	72
1.0	52	49	47	45	48	46	46	44	77
1.5	55	53	51	50	52	51	50	48	84
2.0	57	55	54	53	54	53	53	51	89
2.5	58	57	56	55	56	55	54	53	92
3.0	59	58	57	56	57	56	56	54	95
4.0	60	59	59	58	58	58	57	55	97
5.0	60	60	59	59	59	58	57	56	98

Luminance curve limit

