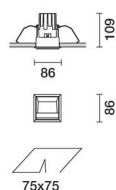
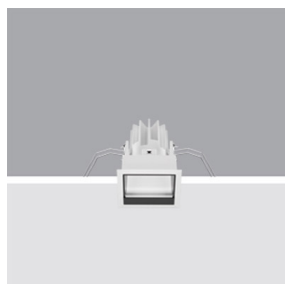


Last information update: May 2018

**Frame recessed luminaire - Warm White LED - Wall Washer - DALI****Product code**

P960

Technical description

Recessed luminaire with wall washer fixed optic for warm white LED with high colour rendering index. Passive cooling system. Luminaire body with die-cast radiant aluminium surface; version with perimeter stop frame. Special asymmetrical optical systems for defined light distribution on the wall with no shadow areas. Reflector - flow recuperator in superpure aluminium, diffuser - PMMA refractor, thermoplastic containment structure. Supplied with DALI dimmable power supply unit connected to the luminaire.

Installation

Recessed with anti-fall steel wire springs - 1 mm minimum thickness of false ceiling - recess opening 75 x 75 mm. To ensure proper lighting of walls, check distances and centre to centre distances on the instructions sheet.

Dimension (mm)

86x86x109

Colour

White (01) | Black/Black (43) | Black/White (47) | Grey/Black (74)

Weight (Kg)

0.5

Mounting

wall recessed|ceiling recessed

Wiring

Quick-fit power supply connection to terminal block - Digital electronic wiring enables dimming with DALI or TOUCH DIM systems.

Complies with EN60598-1 and pertinent regulations

IP20 IP43 On the visible part of the product once installed

**Product configuration: P960.01****Product characteristics**

Total lighting output [Lm]: 570
Total power [W]: 10.9
Luminous efficacy [Lm/W]: 52.3
Life Time: 50,000h - L80 - B10 (Ta 25°C)

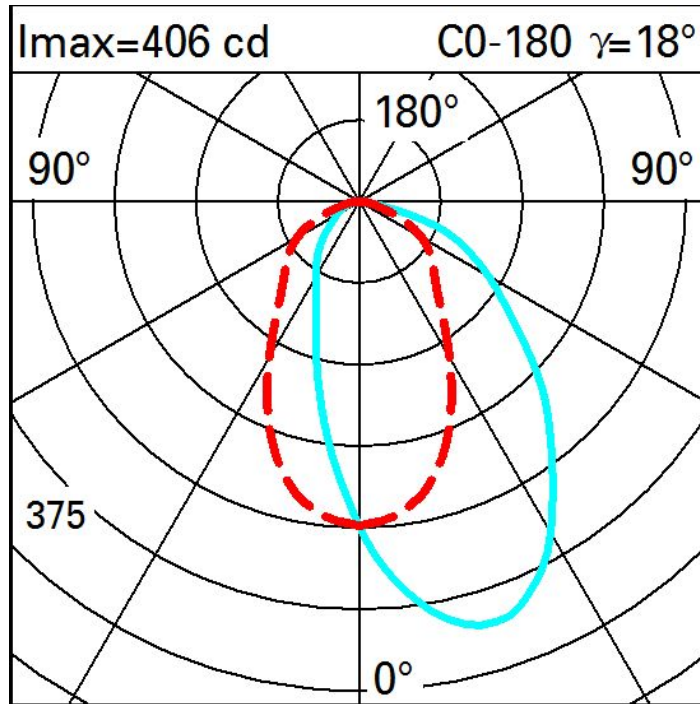
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: 230
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 57
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 8.5
Nominal luminous [Lm]: 1000
Lamp maximum intensity [cd]: /
Beam angle [°]: /

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 2.4
Colour temperature [K]: 3000
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3

Polar



Illuminances

Lux		Wall distance = 1m										
3							●					
		0.2	0.5	1	4	12	36	38	19	8	3	1
2		0.6	1	3	7	21	36	36	24	13	7	4
		0.8	1	3	8	15	25	29	21	13	7	4
1		0.9	2	3	6	10	18	21	17	11	7	4
		0.9	2	3	4	7	12	14	13	10	6	4
0												
	m	-2		-1		0		1		2		3