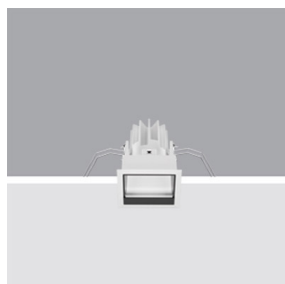


Last information update: May 2018

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

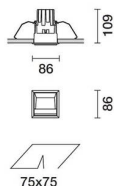
P961

Technical description

Recessed luminaire with wall washer fixed optic for warm white LED 2700K with high colour rendering index. Passive cooling system. Luminaire body with die-cast radiant aluminium surface; version with perimeter stop frame. Special assymetrical 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: P961.01****Product characteristics**

Total lighting output [Lm]: 598.4
Total power [W]: 11.6
Luminous efficacy [Lm/W]: 51.6
Life Time: 50,000h - L80 - B10 (Ta 25°C)

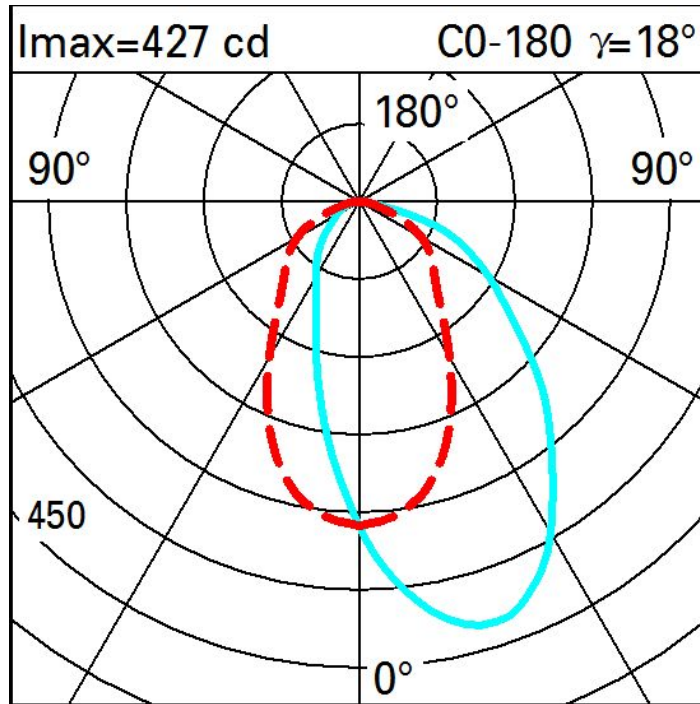
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: 230
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 57
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 9.2
Nominal luminous [Lm]: 1050
Lamp maximum intensity [cd]: /
Beam angle [°]: /

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 2.4
Colour temperature [K]: 2700
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3

Polar



Illuminances

Lux Wall distance = 1m

3												
	0.2	0.5	2	4	12	38	40	20	8	3	1	
2	0.6	1	3	8	22	38	37	25	14	7	4	
	0.8	2	3	8	16	26	30	23	14	8	5	
1	0.9	2	3	6	11	19	22	18	12	7	5	
	0.9	2	3	5	8	13	15	14	10	7	4	
0												
	m	-2	-1	0	1	2	3					