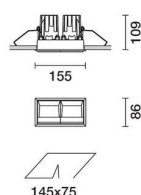
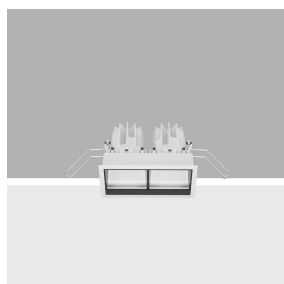


Last information update: October 2024

Product configuration: P963.47

P963.47: Frame 2-compartment recessed luminaire - Warm White LED - Wall Washer - DALI - White/Black

**Product code**

P963.47: Frame 2-compartment recessed luminaire - Warm White LED - Wall Washer - DALI - White/Black

Technical description

2-compartment 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 optical systems for defined light distribution on the wall with no shadow areas. The position next to the asymmetrical units ensures a considerable reduction in direct glare, without compromising the quality of light emitted. Reflectors - flow recuperators in superpure aluminium, diffusers - PMMA refractors, thermoplastic containment structures. 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 145 mm. To ensure proper lighting of walls, check distances and centre to centre distances on the instructions sheet.

Colour

Black / White (47)

Weight (Kg)

1

Mounting

wall recessed|ceiling recessed

Wiring

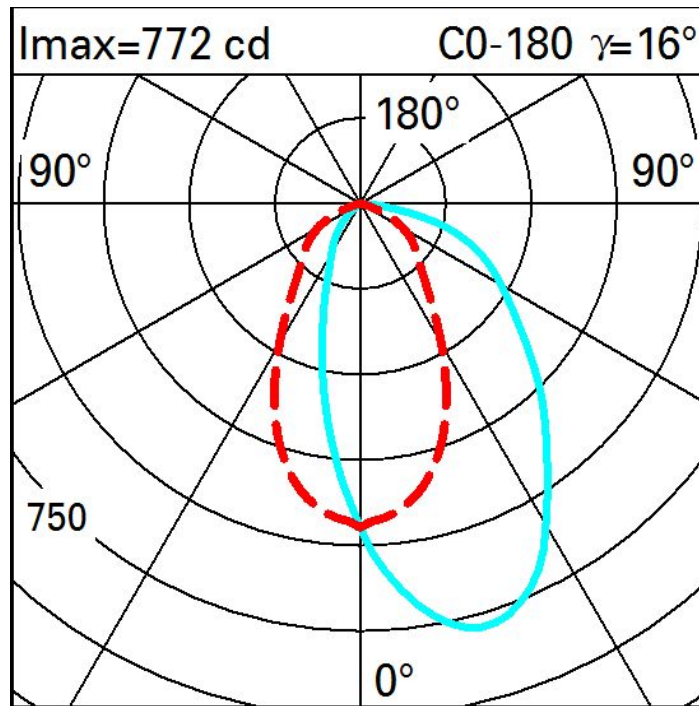
Quick-fit power supply connection to terminal block - Digital electronic wiring enables dimming with DALI or TOUCH DIM systems.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	946	Voltage [Vin]:	230
W system:	20.3	Lamp code:	LED
Im source:	2200	Number of lamps for optical assembly:	1
W source:	16	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	46.6	Number of optical assemblies:	1
Im in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	10 A / 200 µs
Light Output Ratio (L.O.R.) [%]:	43	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 18 luminaires B16A: 30 luminaires C10A: 31 luminaires C16A: 51 luminaires
CRI (minimum):	90	Minimum dimming %:	1
Colour temperature [K]:	3000	Overvoltage protection:	5kV Common mode & 4kV Differential mode
MacAdam Step:	2	Control:	DALI-2
Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)		

Polar



Illuminances

Lux										
Wall distance = 1m										
3										
	0.6	2	8	30	101	182	101	30	8	2
2	3	7	18	42	105	159	105	42	18	7
	4	8	16	38	80	105	80	38	16	8
1	4	7	15	32	55	67	55	32	15	7
	4	7	13	24	35	41	35	24	13	7
0										
	m	-2	-1	0	1	2	3			