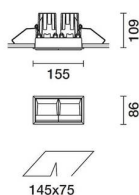
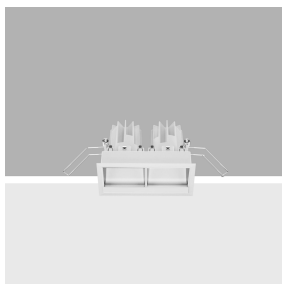


Last information update: October 2024

**Product configuration: P963.01**

P963.01: Frame 2-compartment recessed luminaire - Warm White LED - Wall Washer - DALI - White

**Product code**

P963.01: Frame 2-compartment recessed luminaire - Warm White LED - Wall Washer - DALI - White

**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**

White (01)

**Weight (Kg)**

1

**Mounting**

wall recessed|ceiling recessed

**Wiring**

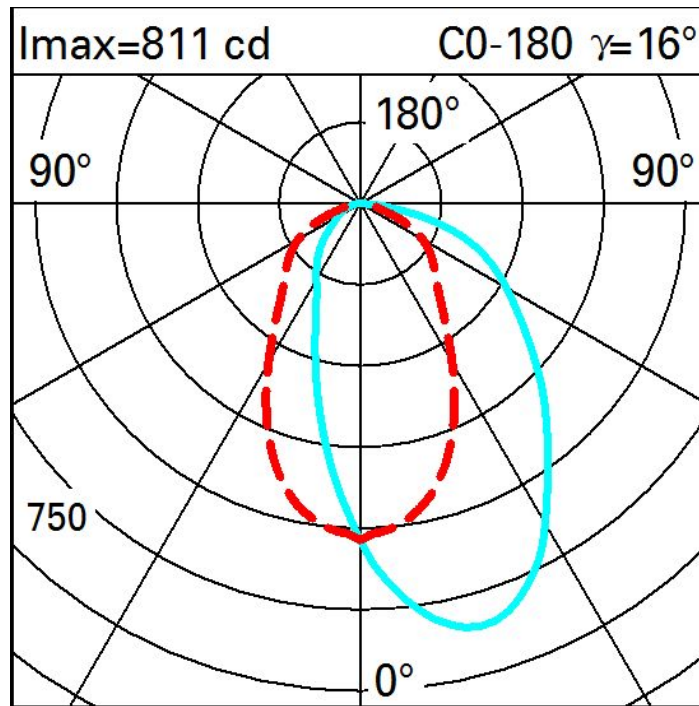
Quick-fit power supply connection to terminal block - Digital electronic wiring enables dimming with DALI or TOUCH DIM systems.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1166	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):	57.4	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.) [%]:	53	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														
	2	4	12	38	114	198	114	38	12	4	2			
2	4	10	22	50	117	171	117	50	22	10	4			
	6	10	20	43	86	111	86	43	20	10	6			
1	5	9	17	35	58	70	58	35	17	9	5			
	5	8	15	26	37	43	37	26	15	8	5			
0														
	m	-2	-1	0	1	2	3							