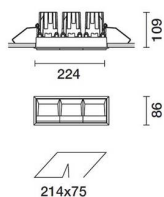
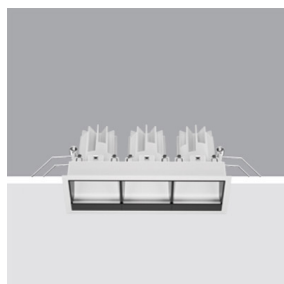


Last information update: May 2018

**Frame 3-compartment recessed luminaire - Neutral White LED - Wall Washer - DALI****Product code**

P965

Technical description

3-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 214 mm. To ensure proper lighting of walls, check distances and centre to centre distances on the instructions sheet.

Dimension (mm)

224x86x109

Colour

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

Weight (Kg)

1.5

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: P965.01****Product characteristics**

Total lighting output [Lm]: 1934.1
Total power [W]: 29.2
Luminous efficacy [Lm/W]: 66.2
Life Time: 50,000h - L80 - B10 (Ta 25°C)

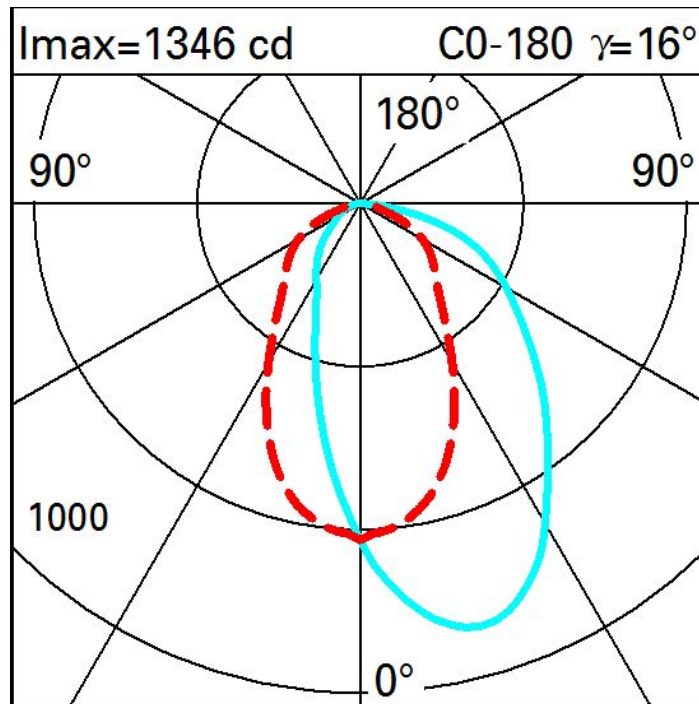
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: 230
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 53
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 25
Nominal luminous [Lm]: 3650
Lamp maximum intensity [cd]: /
Beam angle [°]: /

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 4.2
Colour temperature [K]: 4000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 3

Polar



Illuminances

| Lux | | | | | | | | | | | | | Wall distance = 1m | |
|-----|-----|----|----|----|----|-----|-----|----|----|----|----|--|--------------------|--|
| 3 | | | | | | | | | | | | | | |
| | 0.8 | 2 | 5 | 14 | 41 | 119 | 129 | 63 | 24 | 9 | 4 | | | |
| 2 | 2 | 4 | 9 | 25 | 71 | 120 | 121 | 83 | 47 | 24 | 13 | | | |
| | 3 | 5 | 11 | 26 | 51 | 84 | 96 | 71 | 44 | 26 | 16 | | | |
| 1 | 3 | 6 | 11 | 20 | 36 | 60 | 71 | 57 | 38 | 24 | 15 | | | |
| | 3 | 5 | 9 | 15 | 26 | 41 | 48 | 43 | 31 | 21 | 14 | | | |
| 0 | | | | | | | | | | | | | | |
| | m | -2 | -1 | 0 | 1 | 2 | 3 | | | | | | | |