

Last information update: May 2018



**wall-washer luminaire - Ø 153 mm - neutral white - frame**

**Product code**  
N133

**Technical description**

Recessed round wall-washer luminaire designed to use a LED lamp with C.O.B. technology. Version with rim for surface-mounting. Reflector vacuum-metallised with aluminium vapours and finished with a protective anti-scratch layer to create a vertical downward beam of light. Die-cast aluminium body and passive dissipation system. Product complete with C.O.B. LED lamp in neutral white colour tone 4000K.

**Installation**

Recessed using torsion springs which allow easy installation in false ceilings with thickness ranging from 1 mm to 25 mm.

**Dimension (mm)**

Ø162x122

**Colour**

White/Aluminium (39)

**Weight (Kg)**

1.22

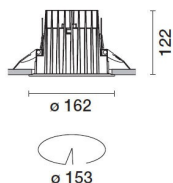
**Mounting**

ceiling recessed

**Wiring**

product complete with DALI components

Complies with EN60598-1 and pertinent regulations



**Product configuration: N133**

**Product characteristics**

Total lighting output [Lm]: 1650  
Total power [W]: 23.5  
Luminous efficacy [Lm/W]: 70.2  
Life Time: 50,000h - L80 - B10 (Ta 25 °C)

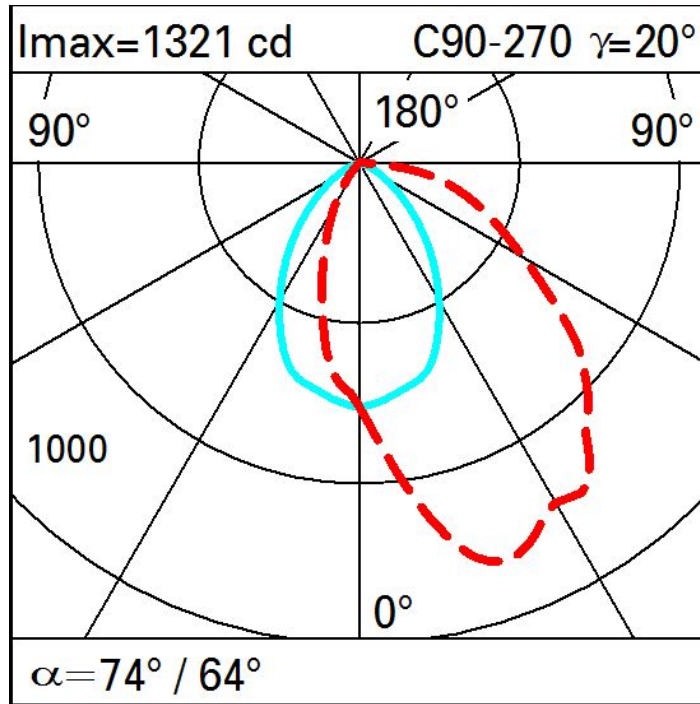
Total luminous flux at or above an angle of 90° [Lm]: 0  
Emergency luminous flux [Lm]: /  
Voltage [V]: -  
Number of optical assemblies: 1

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 55  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 21  
Nominal luminous [Lm]: 3000  
Lamp maximum intensity [cd]: /  
Beam angle [°]: /

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 2.5  
Colour temperature [K]: 4000  
CRI: 80  
Wavelength [Nm]: /  
MacAdam Step: 2

Polar



Illuminances

| Lux |   | Wall distance = 1m |    |    |    |     |     |     |    |    |    |     |
|-----|---|--------------------|----|----|----|-----|-----|-----|----|----|----|-----|
| 3   |   |                    |    |    |    | ●   |     |     |    |    |    |     |
|     |   | 0.7                | 3  | 12 | 50 | 193 | 354 | 193 | 50 | 12 | 3  | 0.7 |
| 2   |   | 3                  | 9  | 28 | 88 | 242 | 368 | 242 | 88 | 28 | 9  | 3   |
|     |   | 6                  | 14 | 36 | 87 | 160 | 226 | 160 | 87 | 36 | 14 | 6   |
| 1   |   | 8                  | 16 | 34 | 61 | 94  | 120 | 94  | 61 | 34 | 16 | 8   |
|     |   | 8                  | 16 | 26 | 40 | 58  | 71  | 58  | 40 | 26 | 16 | 8   |
| 0   |   |                    |    |    |    |     |     |     |    |    |    |     |
|     | m | -2                 | -1 | 0  | 1  | 2   | 3   |     |    |    |    |     |