# Reflex

Last information update: May 2018

**wall-washer luminaire - Ø 125 mm - neutral white - frame**

**Product code**
N128

**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)**
Ø144x107

**Colour**
White/Aluminium (39)

**Weight (Kg)**
1.02

**Mounting**
ceiling recessed

**Wiring**
product complete with DALI components
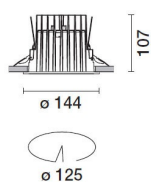
Complies with EN60598-1 and pertinent regulations

IP20　IP43　On the visible part of the product once installed

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**Product configuration: N128**

**Product characteristics**

| | |
|---|---|
| Total lighting output [Lm]: 1240 | Total luminous flux at or above an angle of 90° [Lm]: 0 |
| Total power [W]: 14.7 | Emergency luminous flux [Lm]: / |
| Luminous efficacy [Lm/W]: 84.3 | Voltage [V]: - |
| Life Time: 50,000h - L80 - B10 (Ta 25°C) | Number of optical assemblies: 1 |

**Optical assembly Characteristics  Type 1**

| | |
|---|---|
| Light Output Ratio (L.O.R.) [%]: 62 | Number of lamps for optical assembly: 1 |
| Lamp code: LED | Socket: / |
| ZVEI Code: LED | Ballast losses [W]: 1.7 |
| Nominal power [W]: 13 | Colour temperature [K]: 4000 |
| Nominal luminous [Lm]: 2000 | CRI: 80 |
| Lamp maximum intensity [cd]: / | Wavelength [Nm]: / |
| Beam angle [°]: / | MacAdam Step: 2 |

**Polar**

Imax=1491 cd    C90-270 γ=18°

90°                    180°                    90°

1500

0°

α=52° / 47°
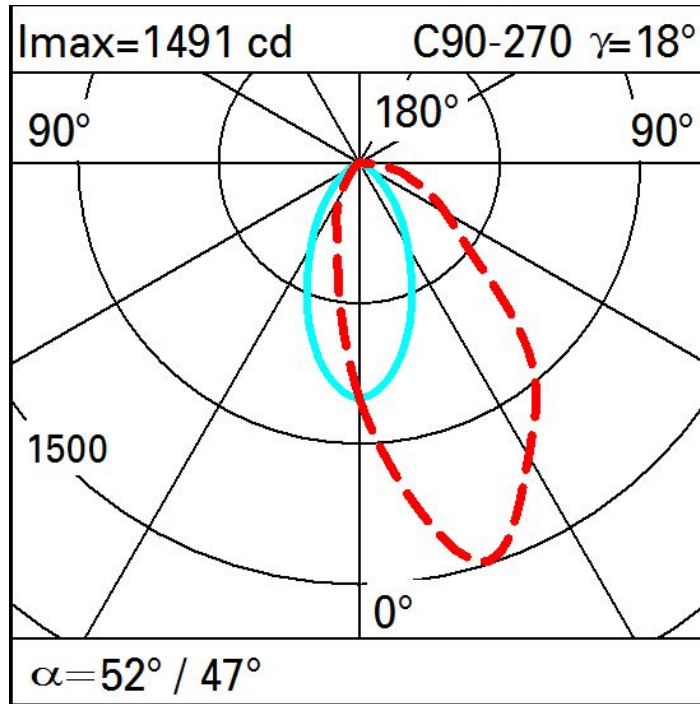
**Illuminances**

| Lux | | | | | | | | | | Wall distance = 1m |
|---|---|---|---|---|---|---|---|---|---|---|

| m | -2 | | -1 | | 0 | | 1 | | 2 | 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| 3 | | | | | | | | | | |
| | 0.2 | 0.7 | 3 | 17 | 93 | 210 | 93 | 17 | 3 | 0.7 0.2 |
| 2 | 1.0 | 3 | 12 | 42 | 139 | 258 | 139 | 42 | 12 | 3 1.0 |
| | 2 | 6 | 18 | 54 | 140 | 201 | 140 | 54 | 18 | 6 2 |
| 1 | 4 | 8 | 20 | 49 | 93 | 123 | 93 | 49 | 20 | 8 4 |
| | 4 | 9 | 19 | 37 | 60 | 77 | 60 | 37 | 19 | 9 4 |
| 0 | | | | | | | | | | |