



### General Features

Description: LED luminaire for lighting facades, pathways and urban spaces

Insulation class: Class II (Class I upon request)

Rated voltage: 220-240 V / 50-60 Hz

Protection Grade: IP66

Impact protection: IK08

Power Factor: > 0.9

Ambient temperature Ta: -30° C +50° C

Weight: 6 kg

Max exposed surface: 0.085 m<sup>2</sup>

Lateral exposed surface: 0.036 m<sup>2</sup>

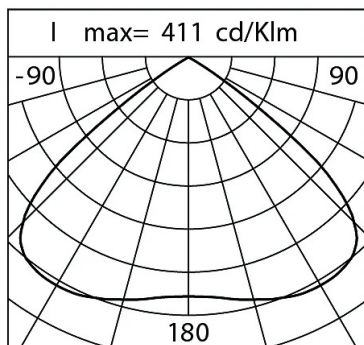
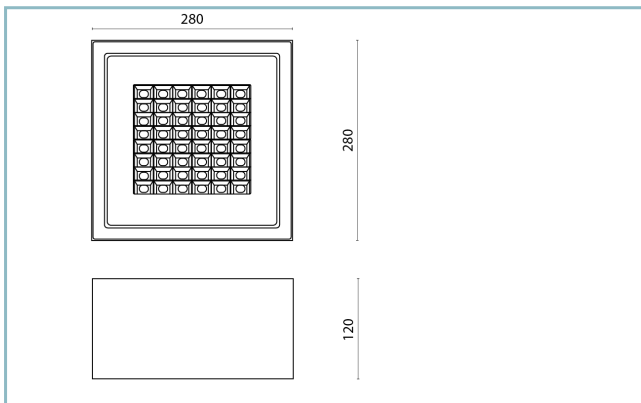
Common mode surge protection: 10 kV

Overvoltage protection differential mode: 6 kV

Driver: included

Driver lifetime: 100.000 h @ Ta 25° C

Marks and Certifications: CE



### Performance Data\*

LED Current:	840 mA
Source flux:	3525 lm
Source power:	18.48 W
Source efficiency:	191 lm/W
Device flux:	2705 lm
Device power:	22 W
Appliance efficiency:	123 lm/W
Glare Index Category:	D6

**Product Sheet**

04/04/2025

**Ánesi ceiling**

Size: large

Color Temperature: 3000 K

Type of optics: BLOS Rotosymmetric Black

**AN4O89BL872D12DDHL00**

Colour: White RAL9003

**Optical System**

Source: LED O8

Color Temperature: 3000 K

Color Rendering Index (CRI):  $\geq 80$ Chromatic consistency (SDCM):  $\leq 3$ 

Type of optics: BLOS Rotosymmetric Black

Optical group life: &gt; 160.000 h @ 1050mA @ Ta 25° C TM21 L90B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0

DLOR: 1

Light intensity category: G\*6

BUG rating: B1-U0-G0

**Normative References**

EN60598-1 / EN60598-2-3 / EN62471 / EN61547

**Installation and maintenance**

Installation: wall

Ø power cable: 8 ÷ 13 mm

Cable Gland: M20

Replaceable optical unit: yes

**Flow adjustment**

Standard On request

Virtual Midnight Teaching

X

Constant flow output (CLO)

X

DALI control

X

**Materials**

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content &lt; 1%)

Screen: 4mm extra-clear flat glass

Lenses: PMMA with high transparency

Seals: anti-age silicone

Screws: AISI 339 stainless steel

Wiring plate: zinc-plated steel

Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

**Colors**

■ White RAL9003

Code:

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**Ánesi ceiling**

Size: large

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**NOTES****\*Performance data**

The values indicated in this data sheet are nominal values with a tolerance of +/-7%.

Source flux and source efficiency data refer to the LED module without optics; in case you are interested in the performance of the LED module complete with optical system, you must multiply the data reported by the factor 0.9.

**General Data**

The characteristics of the product listed may be subject to change and must be confirmed when ordering.

In order to promote constant updating of its products, Cariboni Group reserves the right to make changes without prior notice.