



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: IK07

Power Factor: > 0.9

Ambient temperature Ta: -30° C +50°C

Weight: 4 kg

Max exposed surface: 0.046 m²

Lateral exposed surface: 0.019 m²

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:	580 mA
Source flux:	1305 lm
Source power:	6.38 W
Source efficiency:	205 lm/W
Device flux:	875 lm
Device power:	8 W
Appliance efficiency:	109 lm/W
Glare Index Category:	D6

Product Sheet

04/04/2025

Ánesi ceiling

Size: medium

Color Temperature: 3000 K

Type of optics: BLOS Asymmetric White

AN2049BL858D42DDHL00

Colour: White RAL9003

Optical System

Source: LED O4

Color Temperature: 3000 K

Color Rendering Index (CRI): ≥ 80 Chromatic consistency (SDCM): ≤ 3

Type of optics: BLOS Asymmetric White

Optical group life: > 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 < 1%)

Screen: 4mm frosted 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:

AN2049BL858D42DDHL00

Product Sheet

04/04/2025

Ánesi ceiling

Size: medium

Color Temperature: 3000 K

Type of optics: BLOS Asymmetric White

AN2049BL858D42DDHL00Colour: White RAL9003

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.