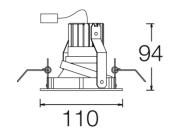
# **NUCLEONS**

## Small recessed downlights







### 105NCL.1-R523











lmax=735 Cd

η=100.0% ▼ M ▼ Ø ▼LUX

1

2 0.80 183

4

0.40 731

46 1.61

29 2.0

1.21 81 23°

Recessed ceiling-mounted downlight with asymmetrical light distribution to achieve an effective accent or ambient lighting.

Circular design in diameter 110mm.

White powder painted aluminium reflector.

Powder painted die-cast aluminium trim available in assorted finishes, customized RAL under request.

Linear spread glass lens to control and direct the light.

Remote driver included.

Electronic options for lighting control: DALI-2 or Bluetooth.

The driver contained in this luminaire complies with European Directive 2009/125/EC establishing flicker limits: PstLM  $\leq$  1 and SVM  $\leq$ 0,4.

Luminaire designed according to ecodesign principles, with replaceable light source and driver, to enable upgrades, ease maintenance and extend the product lifecycle.

3 hours battery available as option.

Passive temperature management: heat dissipation flows through an aluminium heat sink.

Ceiling-mounted by spring clamps for easy installation, ceiling thickness up to 25mm.

Luminaire luminous flux: 422lm Luminaire connected power: 5.66 W Luminaire efficiency: 75 lm/W Light source luminous flux: 520lm

Light source power: 5 W Constant Current: 150 mA

**CRI:** >90

Colour Temperature: 3000K

Chromaticity Tolerance: MacAdam 3

Beam Angle: ASYº

LOR: 81%

LED reliability at nominal Ta = 25°C: >50000h L70B50

**UGR:** >22

Photobiological safety group: 1

This product contains a light source of energy efficiency class F

#### **Electronic Equipment**

SE: On/Off (AC/DC, NOT looping through capable)
SE: On/Off (AC/DC) + Battery 3h
D: DALI-2/switchDIM/corridorFUNCTION
DE: DALI-2/switchDIM + 3h battery

B: Bluetooth-Casambi

\*Add the suffix -K, -S, -SE, -D, -DE, -B after the reference to indicate your electronic equipment choice.

#### **Finishes**

1: RAL9010: Pure White, 2: RAL9005: Jet Black, 4: RAL7016: Anthracite Grey, 7: RAL9006: White Aluminium

#### Upgradeable, Replaceable, Repairable





Note

LED technology and performance data are constantly changing. Current details should therefore be checked with ROVASI in order to ensure that it is still the most up to date reference. Updated data will be supplied on request. [Last revised on 15.12.2025]

5 years guarantee



BSI Cert ISO 9001:2015 - nºFM 39346 BSI Cert ISO 14001:2015 - nºEMS 554685 **ROVASIS.L.** 

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