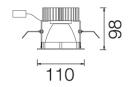
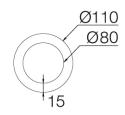
NUCLEONS

Small recessed downlights









108NCL.1-R868



IP20 850°











lmax=3589 Cd





η=78.9% ▼ M ▼ Ø ▼ LUX

2 1.16 897

3 1.73

4 2.3 224

0.58 3589

2.9

399

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

Circular design in diameter 110mm.

Metalized aluminium reflector in assorted finishes: specular or sandblasted depending on the beam angle outcome.

Powder painted die-cast aluminium trim available in assorted finishes, customized RAL under request. Accessory available to increase the protection rating to IP44 from underneath [reference M2.A0110]. Remote driver supplied.

Electronic options for lighting control: DALI-2.

The driver contained in this luminaire complies with European Directive 2009/125/EC establishing flicker limits: PstLM \leq 1 and SVM \leq 0.4.

3 hours battery available as option (class I).

Passive temperature management: heat dissipation flows through aluminium heat sink. Ceiling-mounted by spring clamps for easy installation, ceiling thickness up to 25mm.

Luminaire luminous flux: 1434lm Luminaire connected power: 12.61 W Luminaire efficiency: 114 lm/W Light source luminous flux: 1815lm

Light source power: 11 W Constant Current: 350 mA

CRI: >90

Colour Temperature: 4000K

Chromaticity Tolerance: MacAdam 3

Beam Angle: 32° **LOR:** 79%

Average Service Life: 50000h LED reliability: 50000h L90B10

UGR: <16

Photobiological safety group: 1

Cd/Klm: 1978 Imax: 3590 Cd

This product contains a light source of energy efficiency class E

Electronic Equipment

K: On/Off (basic)

S: On/Off (AC/DC + looping through) **SE:** On/Off (AC/DC+looping) + 3h battery **D:** DALI-2/switchDIM/corridorFUNCTION

DE: DALI-2/switchDIM/corridorFUNCTION + Battery 3h

B: Bluetooth-Casambi

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

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 11.05.2025]

5 years guarantee



BSI Cert ISO 9001:2015 - nºFM 39346 BSI Cert ISO 14001:2015 - nºEMS 554685

ROVASI S.L.

T. +34 93 881 35 12 T. +34 93 881 37 13 info@rovasi.com www.rovasi.com