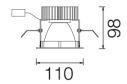
NUCLEONS

Small recessed downlights







107NCL.1-R1150



IP20 850°











lmax=4304 Cd

η=87.3% ▼ M ▼ Ø ▼LUX

0.38 4304

0.75 1076

1.13

1.50 269

1

2

4

5 1.88 172 21°



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. LED module for special applications.

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.

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: 927lm Luminaire connected power: 12.61 W Light source luminous flux: 1065lm

Light source power: 11 W Constant Current: 350 mA

CRI: >90

Colour Temperature: MEAT+

Chromaticity Tolerance: MacAdam 3

Beam Angle: 21° **LOR:** 87%

LED reliability at nominal Ta = 25°C: 51000h L80B10

UGR: <16

Photobiological safety group: 1

Cd/Klm: 4042

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 13.06.2025]

5 years guarantee



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

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