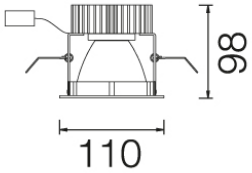
NUCLEONS

Small recessed downlights

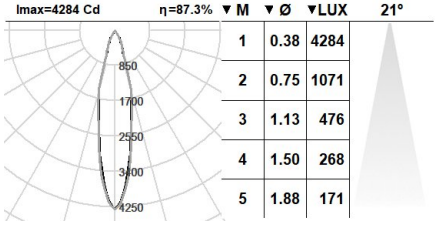
ROVASI
Positive Lighting



107NCL.1-R1149

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 or Bluetooth.
The driver contained in this luminaire complies with European Directive 2009/125/EC establishing flicker limits: PstLM ≤ 1 and SVM ≤0,4.
Luminaire designed according to ecodesign principles, with replaceable light source and driver, to enable upgrades, ease maintenance and extend the product lifecycle.
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: 922lm
Luminaire connected power: 12.61 W
Light source luminous flux: 1060lm
Light source power: 11 W
Constant Current: 350 mA
CRI: >90
Colour Temperature: FRESH MEAT
Chromaticity Tolerance: MacAdam 4
Beam Angle: 21º
LOR: 87%
LED reliability at nominal Ta = 25ºC: 51000h L80B10
UGR: C0º = 7,5 | C90º = 7,4 under the below indicated parameters
Room dimensions X=4H/8H
Reflectance 20% | 50% | 70%
Luminaire spacing = 0.25m
Photobiological safety group: 1
Cd/Klm: 4042



▼M	▼Ø	▼LUX	21°
1	0.38	4284	
2	0.75	1071	
3	1.13	476	
4	1.50	268	
5	1.88	171	

Electronic Equipment

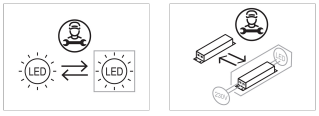
K: On/Off (basic)
S: On/Off (AC/DC + looping through)
SE: On/Off (AC/DC+looping) + 3h battery
D: DALI-2/switchDIM/corridorFUNCTION
DE: DALI-2/switchDIM/corridorFUNCTION + Battery 3h
B: Bluetooth-Casambi

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

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 18.12.2025]

5 years guarantee

CE

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

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