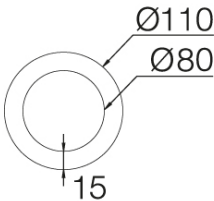
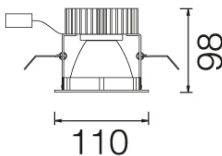


NUCLEONS OPTIMAL DISPLAY

Small recessed downlights

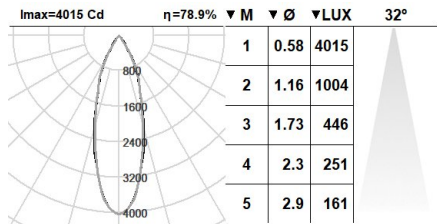


108NCL.1-R684



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 ≤ 1 and SVM ≤ 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: 1603lm
Luminaire connected power: 18,33 W
Light source luminous flux: 2030lm
Light source power: 17 W
Constant Current: 500 mA
CRI: >90
Colour Temperature: GOLD
Chromaticity Tolerance: MacAdam 3
Beam Angle: 32°
LOR: 79%
Average Service Life: 50000h
LED reliability: 51000h L80B10
UGR: <16
Photobiological safety group: 1
Cd/Klm: 1978
This product contains a light source of energy efficiency class E



Electronic Equipment

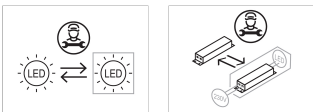
K: On/Off (basic)
S: On/Off (AC/DC + looping through)
SE: On/Off (AC/DC+looping) + 3h battery
D: DALI-2/switchDIM/corridorFUNCTION
DE: DALI-2/switchDIM/corridorFUNCTION + Battery 3h
B: Bluetooth-Casambi

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

Finishes

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

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 18.05.2024]

5 years guarantee



BSI Cert ISO 9001:2015 - n°FM 39346
BSI Cert ISO 14001:2015 - n°EMS 554685

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