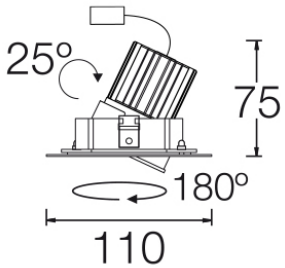
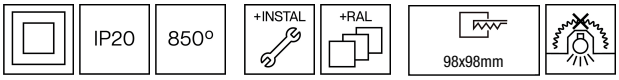
HADRON

Adjustable recessed downlights

ROVASI
Positive Lighting

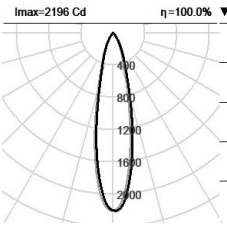


101HDN.1-R2303



Recessed ceiling-mounted multidiRectional downlights with symmetrical light distribution to achieve an effective task, accent or general lighting.
Square design in 110mm x 110mm.
Swivel mounted downlights, adjustable up to 25º and with 180º rotation.
Die-cast aluminium trim and recessing surface powder painted in assorted finishes, customized RAL under request.
Honeycomb anti-dazzle screen accessory to increase visual comfort [reference M6.A0050].
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.
3 hours battery available as option.
Passive temperature management: heat dissipation flows through an aluminium heat sink.
Ceiling-mounted with spring clamps for easy installation.

Luminaire luminous flux: 590lm
Luminaire connected power: 5,35 W
Luminaire efficiency: 110 lm/W
Light source luminous flux: 590lm
Light source power: 4,8 W
Constant Current: 150 mA
CRI: >90 R9 52
Colour Temperature: 2700K
Chromaticity Tolerance: MacAdam 3
Beam Angle: 24º
LOR: 100%
LED reliability at nominal Ta = 25ºC: 54.000h L90B10
UGR: C0º = 13,6 | C90º = 14,1 under the below indicated parameters
Room dimensions X=4H/8H
Reflectance 20% | 50% | 70%
Luminaire spacing = 0.25m
Photobiological safety group: 0
Cd/Klm: 1787
This product contains a light source of energy efficiency class F



▼M	▼Ø	▼LUX
1	0.41	2195
2	0.82	549
3	1.23	244
4	1.64	137
5	2.0	88

23º

Electronic Equipment

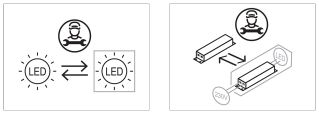
K: On/Off (basic)
S: On/Off (AC/DC, NOT looping through capable)
SE: On/Off (AC/DC) + Battery 3h
D: DALI-2/switchDIM/corridorFUNCTION
DE: DALI-2/switchDIM + 3h battery
B: Bluetooth-Casambi

*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 10.01.2026]

5 years guarantee

CE

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

ROVASI S.L.
Ronda de la Font Grossa, 15
Pol. Ind. La Gavarra
08540 Centelles | Barcelona
Spain

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