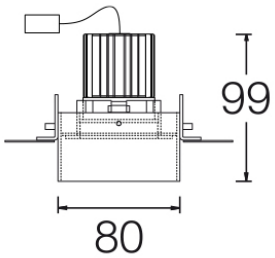
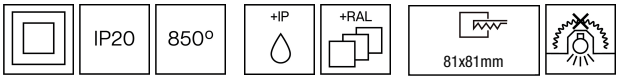
# CHESS

Trimless downlights

ROVASI
Positive Lighting




## 101CHS.1-R2309




Recessed ceiling-mounted downlights with symmetrical light distribution to achieve an effective task or general lighting.
Square frameless design for plasterboard ceilings available in 80mm.
Powder painted body available in assorted finishes, customized RAL under request.
To complete the effect of this luminaire, it is suggested that the interior be painted the same RAL colour as the ceiling.
Honeycomb louver accessory to improve visual comfort [reference M6.A0050].
Accessory available to increase the protection rating to IP44 from underneath [reference M2.A0070].
Remote driver included.
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 aluminium heat sink diffuser.
Mounted to the ceiling by two fixing points with screws.

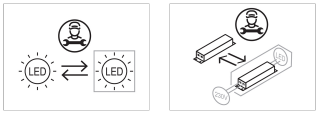
**Luminaire connected power:** 7,25 W
**Light source luminous flux:** 685lm
**Light source power:** 6,68 W
**Constant Current:** 200 mA
**CRI:** >90 R9 54
**Colour Temperature:** 2700K
**Chromaticity Tolerance:** MacAdam 3
**Beam Angle:** 12º
**LED reliability at nominal Ta = 25ºC:** >54000h L90B50
**UGR:** C0º = 20,6 | C90º = 20,7 under the below indicated parameters
Room dimensions X=4H/8H
Reflectance 20% | 50% | 70%
Luminaire spacing = 0.25m
**Photobiological safety group:** 1
**This product contains a light source of energy efficiency class** F

**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 29.01.2026]

**5 years guarantee**

CE

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

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