

WATERTIGHT SQ

IP65 Recessed downlights

ROVASI
Positive Lighting



101WSQ.8.01-I2090



Recessed ceiling-mounted downlight with symmetrical light distribution.

Square design in 258mm x 258mm.

Protection rating against dust and moisture: entire IP65.

Protection rating of resistance to harmful mechanical impacts: IK07.

High purity matt anodised aluminium reflector.

5mm tempered protection glass clear as standard, other finishes under request.

Polycarbonate diffuser as option to achieve IK10 protection degree.

Die-cast aluminium body treated against corrosion and coated with polyester powder painting.

Frame made of 316L stainless steel marine grade.

A4 stainless steel locking screw. Optional supply of A2 stainless steel vandal-resistant screws [reference F2.A0258+F2.A1].

Temperature resistant silicone rubber gasket.

IP67 venting valve to reduce condensation.

Built-in driver, included. Ambient temperature: up to 50°C.

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 flow through the fixture body itself.

Mounted to the ceiling by four fixing points, ceiling thickness up to 20mm.

Pre-wiring of 35cm cable 3x1mm2.

IP68 connector to be ordered separately [reference F3.A3 (On/Off) / F3.A5 (DALI)].

Luminaire luminous flux: 1465lm

Luminaire connected power: 11,9 W

Luminaire efficiency: 123 lm/W

Light source luminous flux: 1980lm

Light source power: 10,66 W

Constant Current: 350 mA

CRI: >80

Colour Temperature: 2700K

Chromaticity Tolerance: MacAdam 3

Beam Angle: 72°

LOR: 74%

LED reliability at nominal Ta = 25°C: 100.000h L90B10

UGR: C0° = 17,4 | C90° = 17,3 under the below indicated parameters

Room dimensions X=4H/8H

Reflectance 20% | 50% | 70%

Luminaire spacing = 0.25m

Photobiological safety group: 1

Cd/Klm: 616

This product contains a light source of energy efficiency class D

Electronic Equipment

S: On/Off

D: DALI-2/switchDIM/corridorFUNCTION

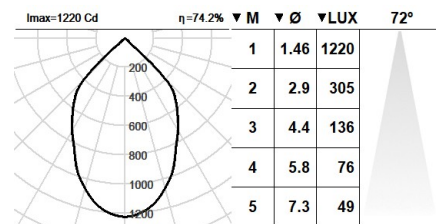
B: Bluetooth-Casambi [15m]

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

Finishes

8: Stainless Steel 316L: Marine grade, **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



BSI Cert ISO 9001:2015 - n°FM 39346

BSI Cert ISO 14001:2015 - n°EMS 554685

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