# WATERTIGHT SQ

## IP65 Recessed downlights

**ROVASI**
Positive Lighting

205

258 x 258

160

### 102WSQ.8.01-I2094

| | IP65 | IK07 | 850º | 50º | + INSTAL | +RAL | 235 x 235mm | 3.78Kg | |

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 50ºC.
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 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:** 957lm
**Luminaire connected power:** 11,9 W
**Luminaire efficiency:** 80 lm/W
**Light source luminous flux:** 1650lm
**Light source power:** 10,66 W
**Constant Current:** 350 mA
**CRI:** >90 R9 64
**Colour Temperature:** 3000K
**Chromaticity Tolerance:** MacAdam 3
**Beam Angle:** 58º
**LOR:** 58%
**LED reliability at nominal Ta = 25ºC:** 100.000h L90B10
**Photobiological safety group:** 1
**Cd/Klm:** 647
**This product contains a light source of energy efficiency class** D

| Imax=1068 Cd | η =59.0% | ▼M | ▼Ø | ▼LUX | 58° |
|---|---|---|---|---|---|
| | | 1 | 1.12 | 1067 | |
| | | 2 | 2.2 | 267 | |
| | | 3 | 3.4 | 119 | |
| | | 4 | 4.5 | 67 | |
| | | 5 | 5.6 | 43 | |

### 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

**5 years guarantee**

CE

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