

WATERTIGHT

IP65 Recessed downlights

ROVASI
Positive Lighting



101WSH.8.01-R2044



Recessed ceiling-mounted downlight with symmetrical light distribution to achieve an effective task or general lighting.

Circular design in diameter 165mm.

Its main feature is its low height: 65mm.

Protection rating against dust and moisture: IP65.

Protection rating of resistance to harmful mechanical impacts: IK07.

Sandblasted metalized aluminium reflector.

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

Polycarbonate diffuser as option to achieve IK10 protection degree.

Aluminium body treated against corrosion and coated with polyester powder.

Trim made of 316L stainless steel marine grade. Polyester powder paint can be applied optionally.

Different RAL colour finishes are available under request.

A4 stainless steel locking screw. Optional supply of A2 stainless steel vandal-resistant screws [reference F2.A0165+F2.A1].

Temperature resistant silicone rubber gasket.

IP67 venting valve to reduce condensation.

Remote driver included and supplied inside an aluminium IP65 box.

Electronic options for lighting control: DALI-2.

The driver contained in this luminaire complies with European Directive 2009/125/EC establishing flicker limits: $PstLM \leq 1$ and $SVM \leq 0,4$.

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 flows through an aluminium heat sink diffuser.

Mounted to the ceiling by three 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: 3264lm

Luminaire connected power: 24,2 W

Luminaire efficiency: 135 lm/W

Light source luminous flux: 4295lm

Light source power: 21,8 W

Constant Current: 700 mA

CRI: >80

Colour Temperature: 4000K

Chromaticity Tolerance: MacAdam 3

Beam Angle: 105°

LOR: 76%

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

UGR: C0° = 28,6 | C90° = 28,5 under the below indicated parameters

Room dimensions X=4H/8H

Reflectance 20% | 50% | 70%

Luminaire spacing = 0.25m

Photobiological safety group: 1

Cd/Klm: 347

This product contains a light source of energy efficiency class C

Electronic Equipment

K: On/Off (basic)

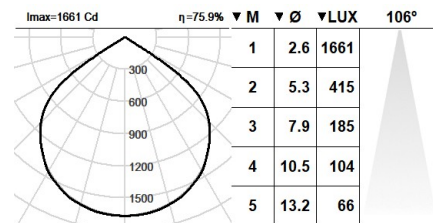
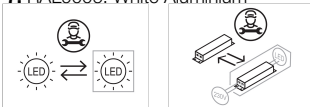
S: On/Off (AC/DC, NOT looping through capable)

D: DALI-2/switchDIM/corridorFUNCTION

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

Finishes

Upgradable, Replaceable, Repairable
0: Stainless Steel 316L Marine grade, 1: RAL9010: Pure White, 2: RAL9005: Jet Black, 4: RAL7016: Anthracite Grey, 7: RAL9006: White Aluminium



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 13.01.2026]

5 years guarantee



BSI Cert ISO 9001:2015 - n°FM 39346

BSI Cert ISO 14001:2015 - n°EMS 554685

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