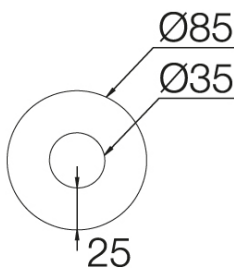
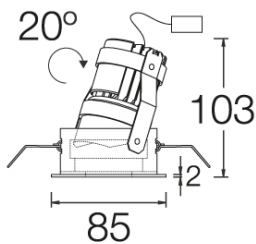


# PINHOLE

Small recessed downlights



## 109PNH.1-R619



Small recessed ceiling-mounted downlight with symmetrical light distribution to achieve an effective accent lighting.

Circular design in diameter 85mm, circular interior aperture in diameter 35mm.

Internal cylindrical aluminium black baffle for minimal glare.

Adjustable baffle, tilt up to 20°.

Deep regressed module to ensure visual comfort.

Powder painted trim available in assorted finishes, customized RAL under request.

This fixture is available in IP65 | IK07 protection from underneath, PINHOLE SEAL.

Accessory to increase the IP protection to IP54 | IK05 from underneath [reference M2.F0085].

Honeycomb anti-dazzle screen accessory to increase visual comfort [reference M6.A0050].

Remote driver included.

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  $SVM \leq 0.4$ .

3 hours battery available as option.

Passive temperature management: heat dissipation flows through an aluminium heat sink.

Ceiling-mounted by spring clamps for easy installation, ceiling thickness up to 25mm.

**Luminaire luminous flux:** 281lm

**Luminaire connected power:** 7.69 W

**Luminaire efficiency:** 37 lm/W

**Light source luminous flux:** 670lm

**Light source power:** 6.6 W

**Constant Current:** 200 mA

**CRI:** >90

**Colour Temperature:** 3000K

**Chromaticity Tolerance:** MacAdam 3

**Beam Angle:** 21°

**LOR:** 42%

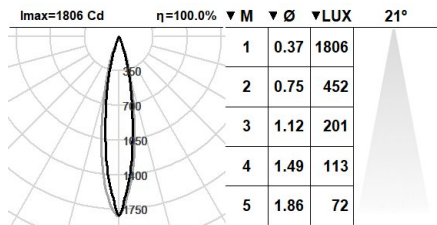
**Average Service Life:** 50000h

**LED reliability:** >50000h L70B50

**UGR:** 19

**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)

**SE:** On/Off (AC/DC) + Battery 3h

**D:** DALI-2/switchDIM/corridorFUNCTION

**DE:** DALI-2/switchDIM + 3h battery

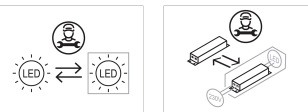
**B:** Bluetooth-Casambi

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

### Finishes

**2:** RAL9005: Jet Black, **4:** RAL7016: Anthracite Grey, **7:** RAL9006: White Aluminium, **1:** RAL9010: Pure White

### 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 18.05.2024]

### 5 years guarantee



BSI Cert ISO 9001:2015 - n°FM 39346

BSI Cert ISO 14001:2015 - n°EMS 554685

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