# HORIZON 100

## IP20 Recessed linear downlights









### 181HRN.1-I982













Imax=2026 Cd





η=100.0% ▼M ▼Ø ▼LUX

2 2.8 333

3 4.2

4 5.6 83

1.41 1332

7.1

148

Recessed ceiling mounted linear downlights with asymmetrical light distribution to achieve an effective task or accent lighting.

Linear fixture in 602mm length and in a width of 78mm.

Powder painted extruded aluminium profile available in assorted finishes, customized RAL under request.

PMMA optic to achieve specific photometric results.

Highly efficient linear printed circuit board.

Accessories available to create customized linear systems.

Built-in driver, included.

Electronic options for lighting control: DALI/DSI.

Passive temperature management.

Ceiling-mounted using steel support with spring clamps for easy installation...

Pre-wiring of 35cm cable 3x1mm2.

It is possible to combine different lengths and junction modules in different ways to create customized

Light source power: 14 W Fixture power: 17.07 W Constant Current: 500 mA

Luminous flux of the light source: 2520lm Luminous flux of the fixture: 2092lm

**CRI:** 80

Colour Temperature: 4000K

Chromaticity Tolerance: MacAdam 3

Beam Angle: ASY°

**LOR:** 83%

Average Service Life: 50000h LED reliability: >54000h L80B10 Photobiological safety group: 1

Cd/Klm: 974

Luminous efficacy: 123 lm/W

Imax: 2454 Cd

This product contains a light source of energy efficiency class C

#### **Electronic Equipment**

S: On/Off

D: DALI-2/DSI/switchDIM

There are accessories available for dimming devices.

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

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 28.03.2024]



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

#### **ROVASIS.L.**

T. +34 93 881 35 12

info@rovasi.com www.rovasi.com

T. +34 93 881 37 13