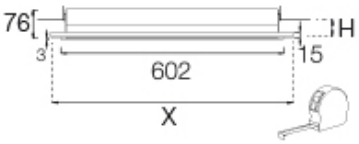
GEOR 100

Recessed linear downlights for lighting replacement

ROVASI
Positive Lighting



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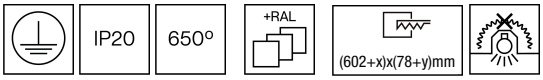
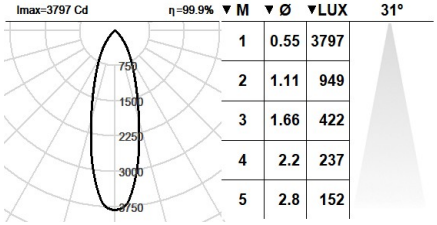


Recessed ceiling mounted linear downlights with symmetrical light distribution to achieve an effective task or general lighting.
Specially developed to solve the installation difficulties in the process of replacing linear luminaires using old fluorescent lamps in metal ceiling systems.
Customized exterior dimensions depending on the installation needs.
Powder painted extruded aluminium profile available in assorted finishes, customized RAL under request.
The adaptation sheet is fixed to the light fixture to create a single body for easier installation.
Range of PMMA optics to achieve specific photometric results.
Highly efficient linear printed circuit board.
Built-in driver, included.
Electronic standard 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.
Passive temperature management.
Ceiling-mounted using galvanised steel brackets.
Pre-wiring of 35cm cable 3x1mm2.

Luminaire luminous flux: 1843lm
Luminaire connected power: 12,4 W
Luminaire efficiency: 149 lm/W
Light source luminous flux: 1900lm
Light source power: 9,4 W
Constant Current: 350 mA
CRI: 80
Colour Temperature: 5000K
Chromaticity Tolerance: MacAdam 3
Beam Angle: 31º
LOR: 97%



▼M	▼Ø	▼LUX	31°
1	0.55	3797	
2	1.11	949	
3	1.66	422	
4	2.2	237	
5	2.8	152	

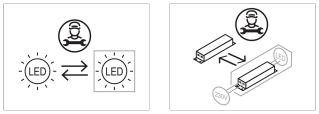
LED reliability at nominal Ta = 25ºC: 54.000h L80B10
UGR: C0º = 17,1 | C90º = 17,1 under the below indicated parameters
Room dimensions X=4H/8H
Reflectance 20% | 50% | 70%
Luminaire spacing = 0.25m
Photobiological safety group: 1
Cd/Klm: 2060
This product contains a light source of energy efficiency class B

Electronic Equipment
S: On/Off (AC/DC, NOT looping through capable)
D: DALI-2/switchDIM/corridorFUNCTION
B: Bluetooth-Casambi

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

Finishes
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 31.10.2025]

5 years guarantee

CE

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

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