

Distance between screw holes (D). Mounting screws not included.

Tc: max=105°C  
Risk group(EN 62471:2008)=1

Fitting must only be used complete with their protection cover. Tempered safety glass or polycarbonate cover of dimensions 177x177 mm and 5 mm thickness.

Installation cable must support 110°C temperature. Feeding cable must be cable pipe 3x1 mm<sup>2</sup>. Installation may require advice.

110 °C

5.85Kg

General safety instructions: information on restrictions related to use of the light fixtures (class, IP, etc), can be found both on the fixture label and on our website at [www.rovasi.com](http://www.rovasi.com).

The wiring schematics can be found on page 2 of the document.

**ELECTRONIC EQUIPMENT:**

**S:** On/Off .

**D:** DALI/DSI/switchDIM. There are accessories available for dimming devices.

18.33W / 500mA

103JTS.1.01-I869  
103JTS.1.01-I870  
103JTS.1.01-I871

2 x Ø 6.5 mm

This product contains a light source of energy efficiency class D.

LED technology and performance data are constantly changing. Current details should therefore be checked with ROVASI in order to ensure that its still the mostup to date reference. Updated data will be supplied on request. [20.07.2023]



BSI Cert ISO 9001:2015 - n°FM 39346  
BSI Cert ISO 14001:2015 - n°EMS 554685

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# WIRING GUIDELINES

## Installation instructions. Mains supply wires

- Wiring type and cross section
- Solid wire a cross section of 0.5 -2.5mm<sup>2</sup> . Strip 10-11 mm of insulation from the cables to ensure perfect operation of terminals.
- Use one wire for each terminal connector only.
- Use each strain relief channel for one cable only.
- Installation may require advice from a qualified person.
- Single lights apt for outer use.

## Wiring guidelines

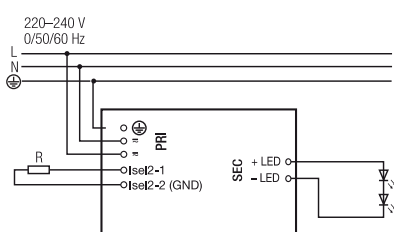
- All connections must be kept as short as possible to ensure good EMI behaviour.
- The cables should be run separately from the mains connections and mains cables to ensure good EMC conditions.
- The LED wiring should be kept as short as possible to ensure good EMC.
- The max. secondary cable length is 2m (4m circuit). Secondary switching is not permitted.
- Incorrect wiring can damage LED modules.
- The LED Driver has no inverse-polarity protection on the secondary side. Wrong polarity can damage led modules with no inverse-polarity protection.

- Earth connection is recommended to improve following behaviour.
- Electromagnetic interferences (EMI)
- Transmission of mains transients to the LED output.

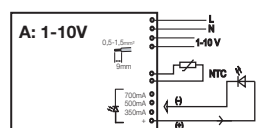


Release of the wiring  
Press down the "push button"  
and remove the cable from front

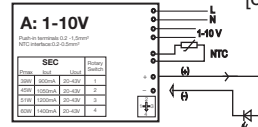
Circuit diagram S:Electronic constant current drivers



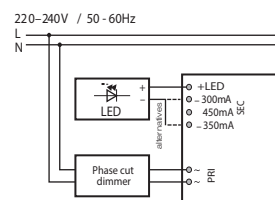
Circuit diagram A: \*\* 1-10V [to consult]



Circuit diagram A: \*\* 1-10V [to consult]  
[class I]



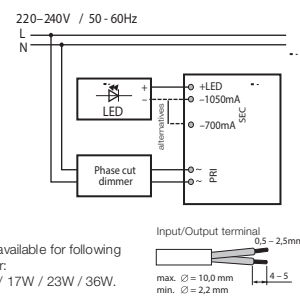
Circuit diagram P: Phase cut<sup>®</sup>



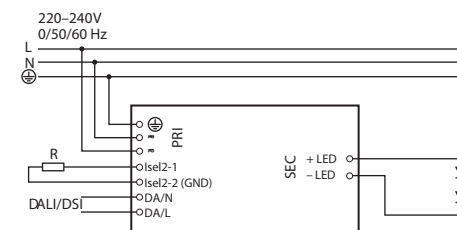
Input terminal (D2) 0.5 - 2.5mm<sup>2</sup>  
max. Ø = 8.0 mm  
min. Ø = 4.0 mm

Output terminal (D1) 0.5 - 2.5mm<sup>2</sup>  
max. Ø = 6.0 mm  
min. Ø = 2.0 mm

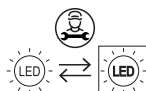
Only available for following power:  
12W / 17W / 23W / 36W.



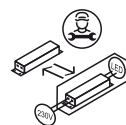
Circuit diagram D:DALI/DSI/SwitchDIM/corridorFUNCTION



## UPGRADEABLE, REPLACEABLE, REPAIRABLE

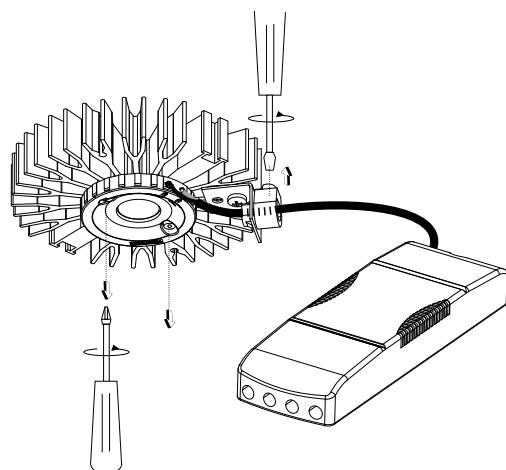


The servicing of the light source in this luminaire should only be undertaken by the manufacturer or his service agent or a similar qualified person.

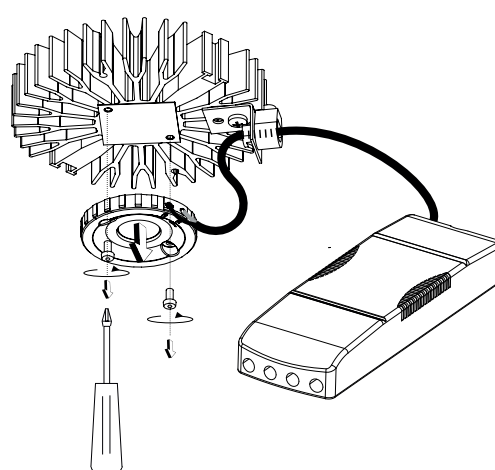


The servicing of the driver in this luminaire should only be undertaken by the manufacturer or his service agent or a similar qualified person.

1



2



3

