

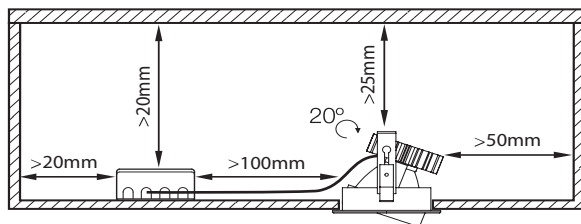
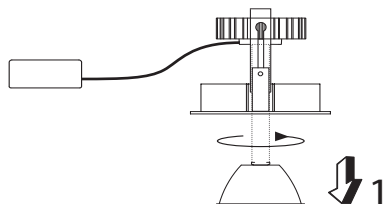
# Activo Optimal Display

Adjustable recessed downlights

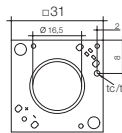
## INSTALLATION INSTRUCTIONS

# ROVASI

Positive Lighting



The minimum distances indicated below are recommendations and depend on the actual lighting fixture.



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



Not suitable for covering with thermally insulating material.



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.

**SE:** On/Off + Emergency Kit [class I].

**D:** DALI/DSI/switchDIM.

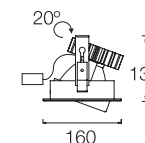
**DE:** DALI/DSI/switchDIM+E-Kit [class I].

**DDE:** DALI/DSI/switchDIM/corridorFUNCTION+E-Kit (DALI) [class I].

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

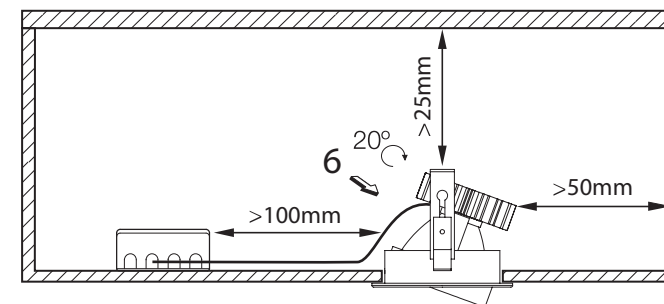
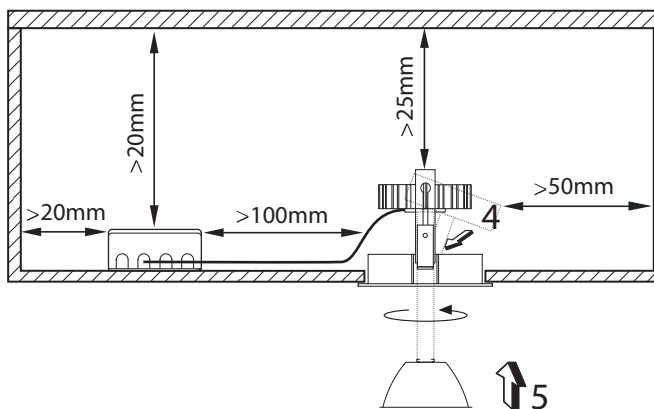
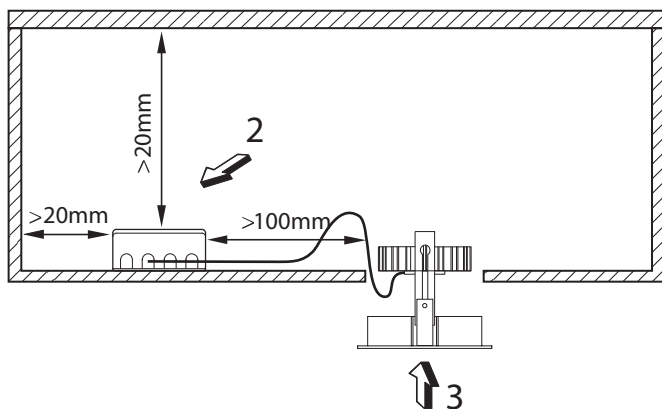
**AE:** \*\*1-10V+E-Kit [class I] [to consult].

**P:** Phase cut. There are available accessories for dimming devices.



12.61W / 350mA

102ACT.1-R1147  
102ACT.1-R1148  
102ACT.1-R1149  
102ACT.1-R1150  
102ACT.1-R1151  
102ACT.1-R1152  
102ACT.1-R1153



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

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. [23.02.2023]



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

Ronda de la Font-Grossa 15  
Pol. Ind. La Gavarra  
08540 Centelles | Barcelona  
Spain

T. 34 93 881 35 12  
T. 34 93 881 37 13

info@rovasi.com  
**rovasi.com**

# 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 inner use (no outer)

## 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.

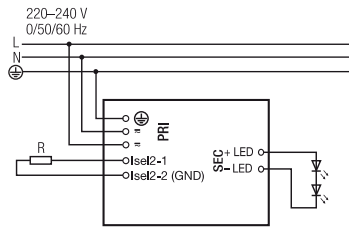
- Earth connection is recommended to improve following behaviour.
- Electromagnetic interferences (EMI)
- Transmission of mains transients to the LED output.



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

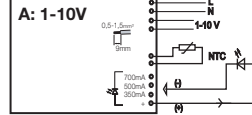
Circuit diagram

### S: Electronic constant current drivers

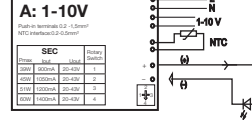


Circuit diagram

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

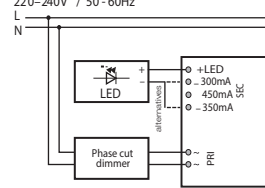


### A: \*\* 1-10V [to consult] [class I]



Circuit diagram

### P: Phase cut<sup>o</sup>

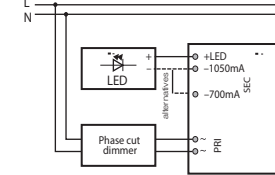


Input terminal (D2)  
0.5 - 2.5mm<sup>2</sup>  
max. Ø = 8.0 mm  
min. Ø = 4.0 mm

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.

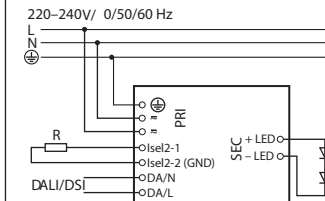
220-240V / 50 - 60Hz



Input/Output terminal  
0.5 - 2.5mm<sup>2</sup>  
max. Ø = 10.0 mm  
min. Ø = 2.2 mm

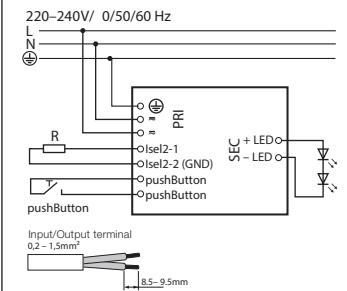
Circuit diagram

### D: DALI/DSI/SwitchDIM/ corridorFUNCTION



Circuit diagram

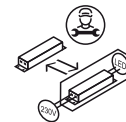
### B: basicDIM Wireless



## UPGRADEABLE, REPLACEABLE, REPAIRABLE

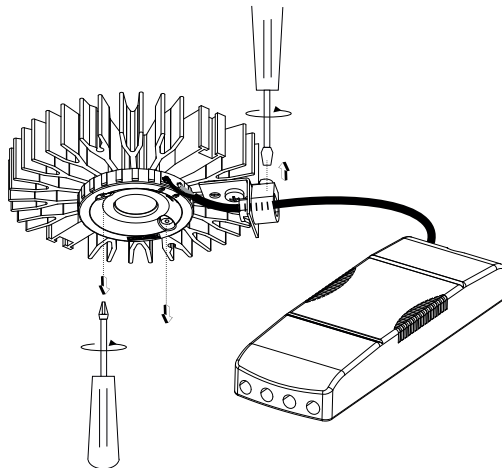


The servicing of the light source in this luminaire should only be undertaken by the manufacturer or his service agent or a similar qualified person.

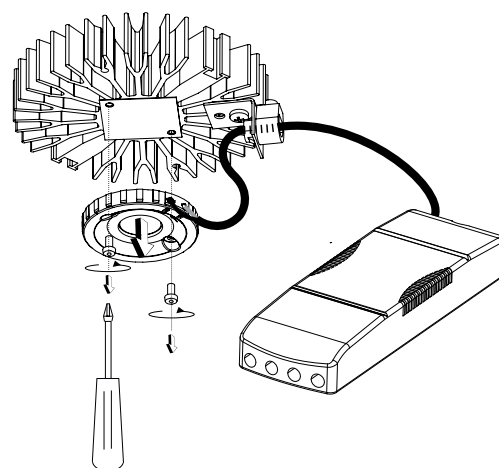


The servicing of the driver in this luminaire should only be undertaken by the manufacturer or his service agent or a similar qualified person.

1



2



3

