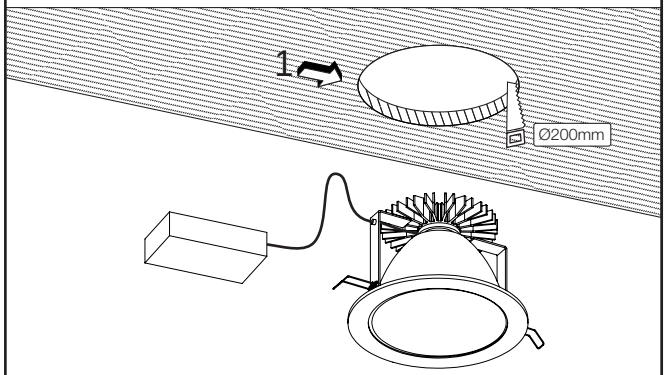
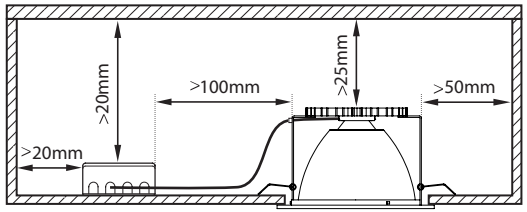
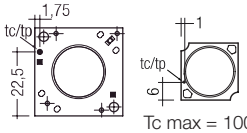
ROVASI

INSTALLATION INSTRUCTIONS





Minimum distances stated below are recommendations and depend on the actual fixture.



Tc max = 100ºC
Risk group (EN 62471:2008)=1

Not suitable for covering with thermally insulating material

200mm

NOTES AND SAFETY INSTRUCTIONS

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.

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

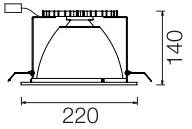
Electronic equipment:

Z: ON / OFF
D: DALI/DSI/switchDIM/corridorFUNCTION

* Add any of the above suffixes after the reference to indicate your electronic equipment choice.

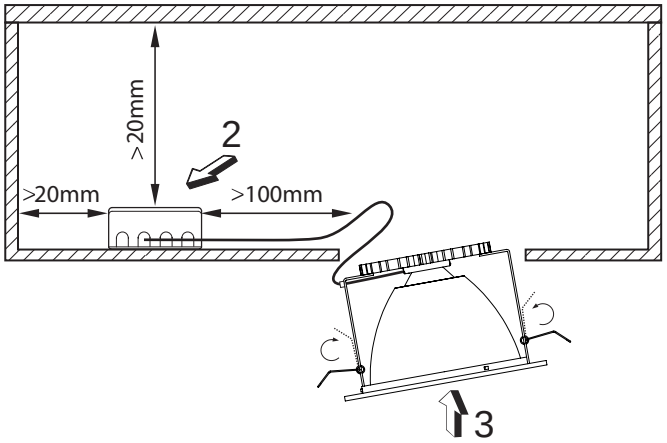
ACCESSORIES

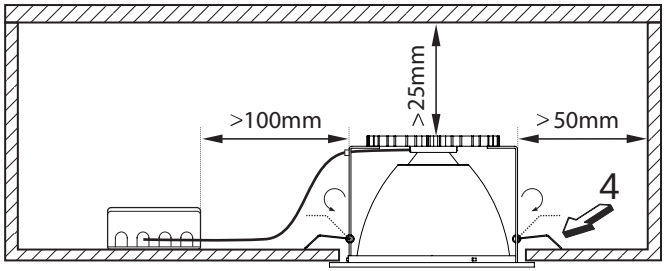
+IP	IP54
	M2.K0220

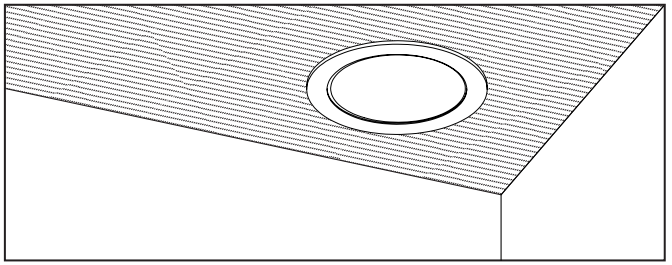


17W / 500mA

105QID-R463
105QID-R489
105QID-R490







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 mostup to date reference. Updated data will be supplied on request. [15.10.2017]

BSI Cert ISO 9001:2015 - nºFM 39346
BSI Cert ISO 14001:2015 - nºEMS 55468

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Installation instructions. Mains supply wires

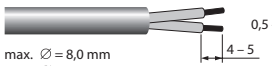
- Wiring type and cross section.
- The wiring can be in stranded wires with ferrules or solid.
- For perfect funtion of the cage clamp terminals the strip length should be 4-5mm for the input terminal.
- Installation may require advice from a qualified person.
- Single lights apt for inner use (no outer).

Wiring guidelines

- All connections must be kept as short as possible to ensure good EMI behaviour.
- Mains leads should be kept apart from LED DRIVER and other leads (ideally 5-10cm distance) .
- The max. secondary cable length is 2m.
- Secondary switching is not permitted.
- Incorrect wiring can damage LED modules.
- The wiring must be protected against short circuits to earth (sharp edged metal parts, metal cable clips, louver, etc...).
- Solid wire up to 0.5 -2.5mm can be used for wiring.

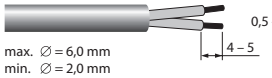
To get a proper working strain relief it is recommended that the cable jacket diameter of the side D2 is comparad to the side D1 terminal according to the value table. (This can vary if the used cable jacket material varies from side D2 to D1 in pinching property).

Input terminal (D2)

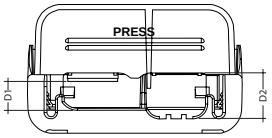


max. ∅ = 8,0 mm
min. ∅ = 4,0 mm

Output terminal (D1)



max. ∅ = 6,0 mm
min. ∅ = 2,0 mm



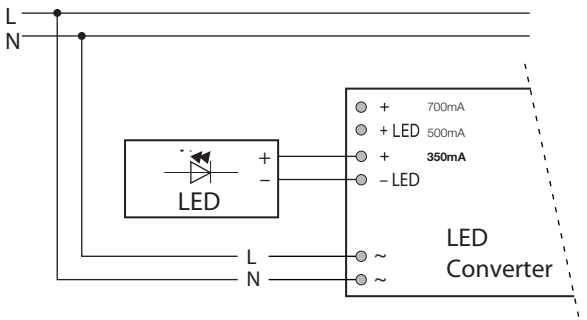
Depending on the used flaps of the terminal following cable jacket diametre difference between the side D2 and D1 terminal is recommended:

Side D1				Side D2		
Housing bottom		Cover terminal				Difference D2 - D1
With flap	Without flap	With flap	Without flap	With flap	Without flap	
x	–	x	–	x	–	3.5 mm
x	–	x	–	–	x	5.5 mm
x	–	–	x	–	x	3.5 mm
–	x	x	–	–	x	3.5 mm
–	x	–	x	–	x	1.5 mm
x	–	–	x	x	–	1.5 mm
–	x	x	–	x	–	1.5 mm
–	x	–	x	x	–	-0.5 mm

Wiring diagram Z: On/Off

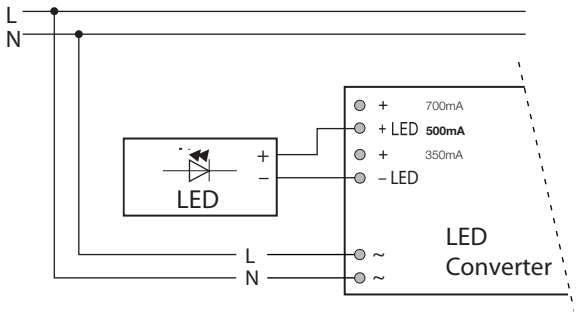
220–240 V
50/60 Hz

Current select
For **350 mA** current use this terminals:



220–240 V
50/60 Hz

Current select
For **500 mA** current use this terminals:

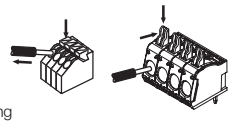


Installation instructions. Mains supply wires

- Wiring type and cross section
- Stranded wire or solid wire up to 2,5mm² may be used for wiring.
- Strip 10-11mm of insulation from the cables to ensure perfect operation of the push 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

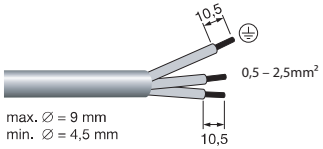
- All connections must be kept as short as possible to ensure good EMI behaviour.
- Earthing is not required for the device to operate but will improve the EMI behaviour.
- Mains leads should be kept apart from LED control gear and other leads (ideally 5 – 10 cm distance)
- Secondary switching is not permitted.
- Incorrect wiring can damage LED modules.



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

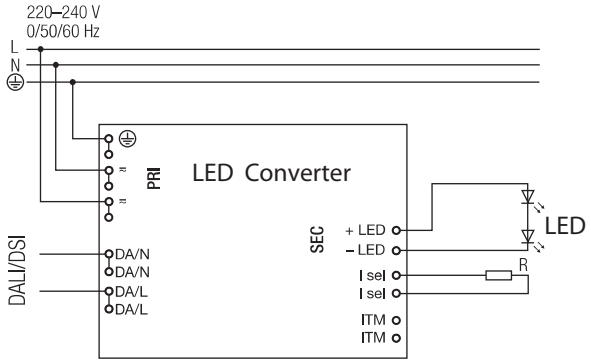
Wiring diagram D: DALI/DSI/SwitchDIM/corridorFUNCTION

Input / Output terminal



max. ∅ = 9 mm
min. ∅ = 4,5 mm

220–240 V
0/50/60 Hz



220–240 V
0/50/60 Hz