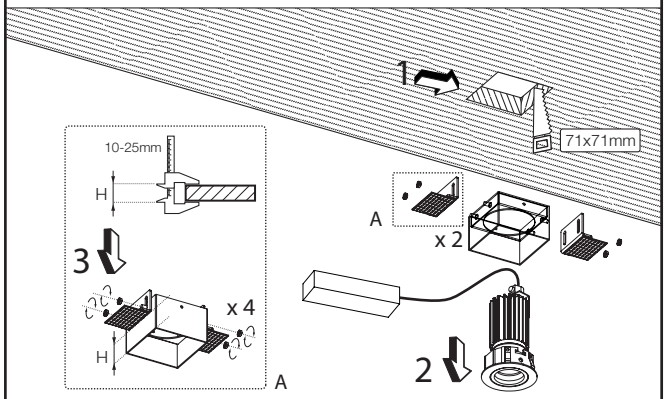
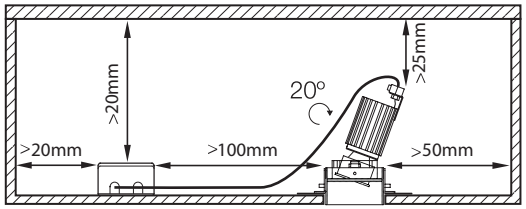
CHESS XS
Trimless downlights

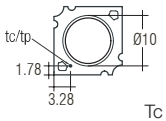
ROVASI

INSTALLATION INSTRUCTIONS



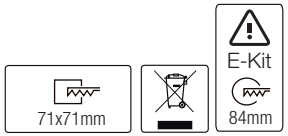


Minimum distances stated below are recommendations and depend on the actual fixture.



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

Not suitable for covering with thermally insulating material



NOTES AND SAFETY INSTRUCTIONS

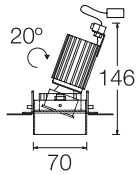
General safety instructions: information on restrictions related to use of the light fixtures (class, IP, etc.) can be found both on the fixture label and on our website at www.rovasi.com.

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

Electronic equipment:

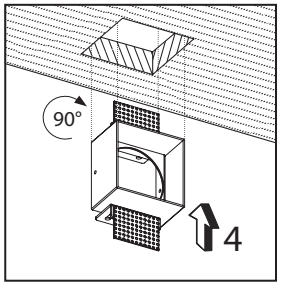
S: ON / OFF
D: DALI/DSI/switchDIM/corridorFUNCTION
SE: ON / OFF + Emergency-Kit [class I]
DE: DALI/DSI/SwitchDIM/corridorFUNCTION+E-Kit [class I]
DDE: DALI/DSI/SwitchDIM/corridorFUNCTION+E-Kit (DALI) [class I]

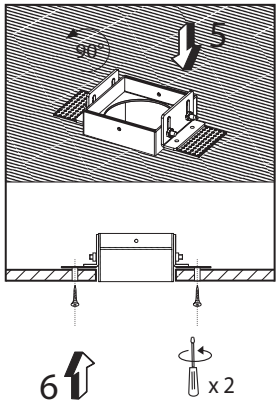
* Add any of the above suffixes after the reference to indicate your electronic equipment choice.

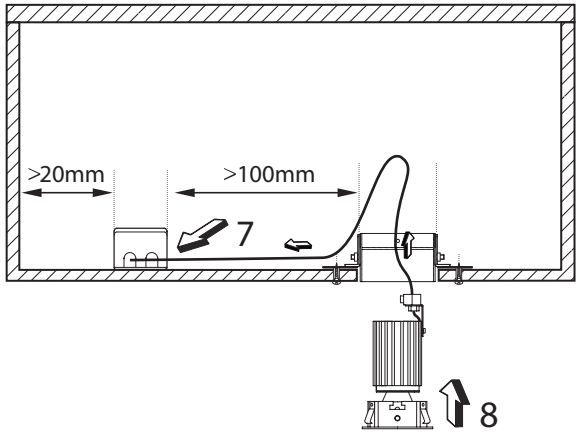


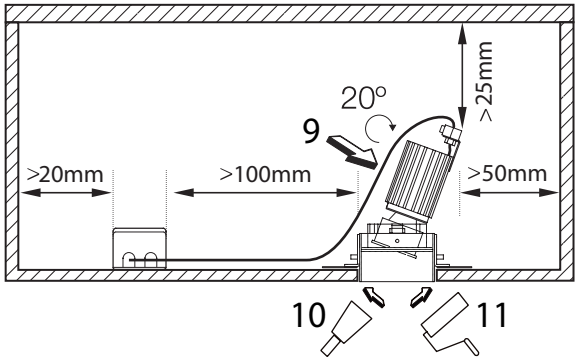
4,7W / 150mA

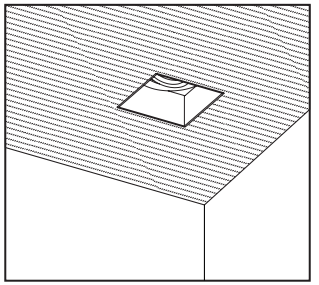
104CXS-R709
104CXS-R710
104CXS-R711
105CXS-R709
105CXS-R710
105CXS-R711
106CXS-R709
106CXS-R710
106CXS-R711











The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

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. [09.05.2018]

CE

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

ROVASI S.L.
Nàpols, 113-115
08013 Barcelona

Contact
T. 34 93 881 35 12 info@rovasi.com
T. 34 93 881 37 13 www.rovasi.com

Installation instructions. Mains supply wires

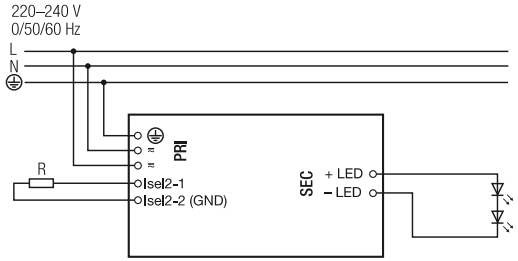
- Wiring type and cross section
- Solid wire a cross section of 0.5 -1.5mm^2 . Strip 8,5-9,5 mm of insulation from the cables to ensure perfect operation of terminals.
- Use one wire for each terminal connector only.
- Use each strain relief channel for one cable only.
- Installation may require advice from a qualified person.
- Single lights apt for inner use (no outer)

Wiring guidelines

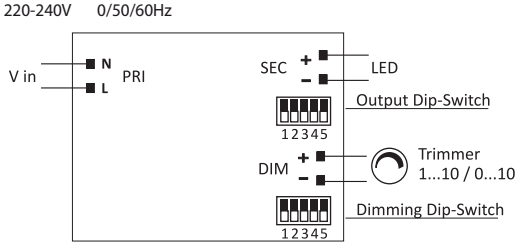
- All connections must be kept as short as possible to ensure good EMI behaviour.
- The cables should be run separately from the mains connections and mains cables to ensure good EMC conditions.
- The LED wiring should be kept as short as possible to ensure good EMC.
- The max. secondary cable length 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: ON/OFF Electronic constant current drivers



Circuit diagram A: ** 0-10V / 1-10V ⊙ [to consult]



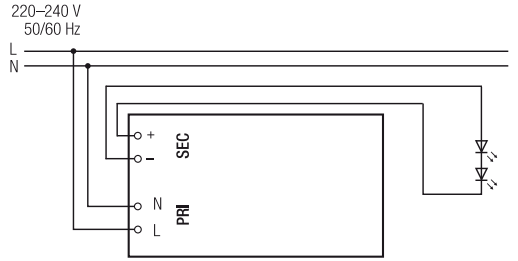
Output Dip-Switch setting						Dimming Dip-Switch					
Secondary	1	2	3	4	5		1	2	3	4	5
200mA	-	-	-	-	-	ON/OFF	-	-	-	-	-
250mA	ON	-	-	-	-	Push Slow	ON	-	-	-	-
350mA	-	ON	-	-	-	Push Fast	-	ON	-	-	-
400mA	ON	ON	-	-	-	Push Up/Down	ON	ON	-	-	-
500mA	-	-	ON	-	-	DALI	-	-	ON	-	-
600mA	ON	-	ON	-	-	1...10 passive	-	ON	ON	-	ON
700mA	-	ON	ON	-	-	1...10 active	-	ON	ON	-	-
900mA	ON	ON	ON	-	-	0...10 active	ON	-	ON	-	-
12V*	ON	ON	ON	ON	ON	0...10 passive	ON	-	ON	-	ON
24V*	ON	ON	ON	-	ON	Slave	ON	ON	ON	-	-

⊙ Only available for following power: 7W

** Not EAC

Screwable terminals connection 2,5mm^2. Strain relief for cables with diameter Ø=3...8mm. Filter EMI suppression. Thermal and overload protection (C.5.a)

Circuit diagram P: Phase cut ⊙

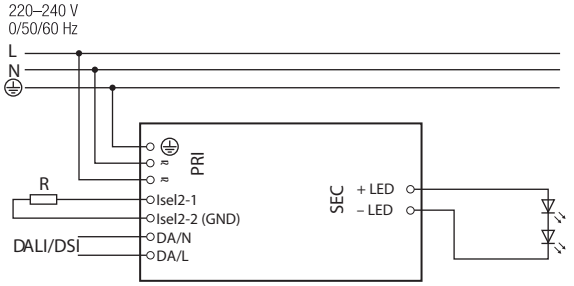


⊙ Only available for following power: 7W

** Not EAC

Screwable terminals connection 2,5mm^2. Short circuit, overload, open circuit and thermal protection.

Circuit diagram D:DALI/DSI/SwitchDIM/corridorFUNCTION



The wiring can be in stranded wires with ferrules or solid with a cross section of 0,2-1,5mm^2