

INTRODUCTION SAVE ENERGY WITH NIVISS

NIVISS QR111 15W constant current driver is proposition for professional LED products.

- Constant current 600mA
- 12V AC/DC input
- Power: 7W -11W
- Output voltage 12V-19V
- 2-year warranty

APPLICATIONS The Niviss QR111 15W drivet can be used for lighting many projects such as:

- Bulbs
- Horticulture
- Garden lamps

SPECIFICATION

parameter	Value
DC Vout	13-19V DC input (min Vin +1V) 17-19V AC input @50 Hz
AC Vin	11,5V – 12,5V AC
DC Vin	11V - 14V
Current	600 mA +/- 5%
Power Consumption	7W-11W
Operating Temperature.	-20°C + +55°C
Lifetime***	≥ 30 000 h

* Other CCTs and colours available on request.

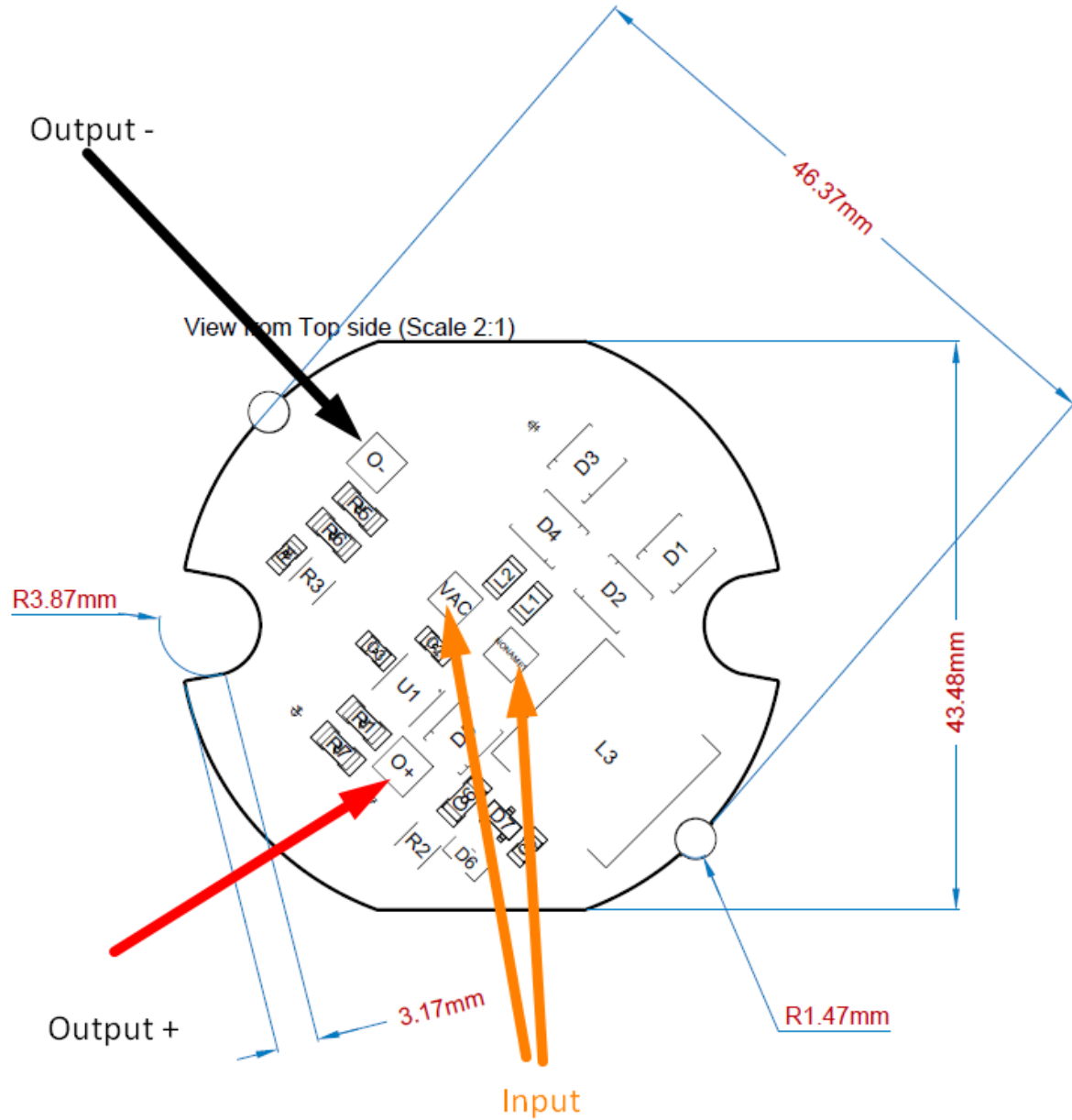
** Source performance in real-life conditions at Ta=25°C; includes optical losses; the tolerance of source lumen output is 5%.

*** Approximate lifetime of LEDs declared by Cree® at Ta=25°C (for 90% of initial light output) and other electronic components

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 NIVISS reserves the right to make technical changes without prior notice.

CREE 
 LED Solution Provider

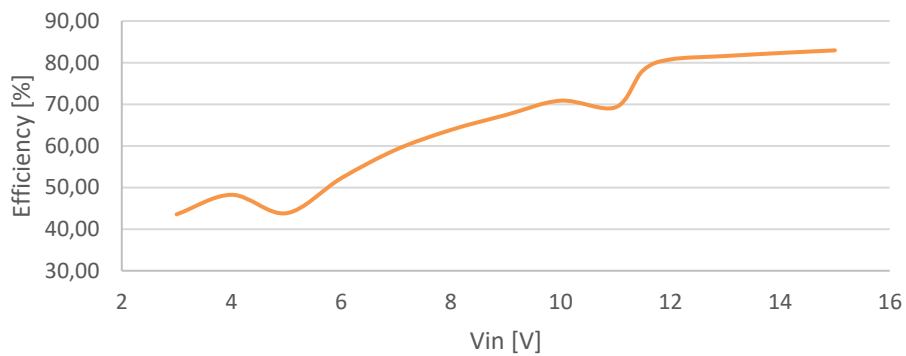
DIMENSIONS
[mm]



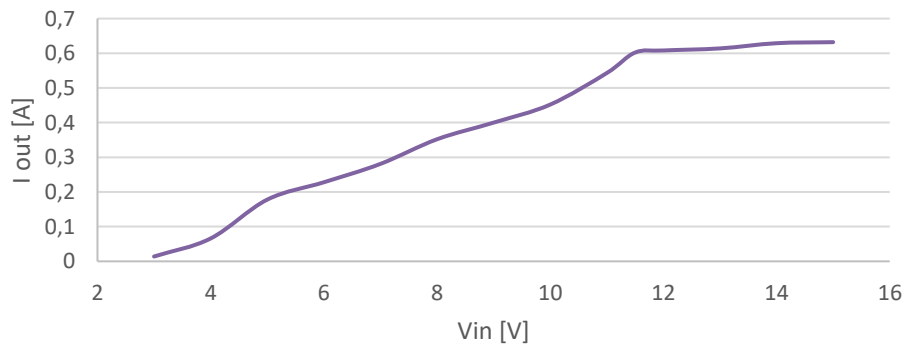
Electrical performance

Vin [V]	I in [A]	Pin [W]	Vout [V]	Iout [A]	Pout [W]	Efficiency [%]
3	0,15	0,45	14	0,014	0,196	43,56
4	0,53	2,12	15,5	0,066	1,023	48,25
5	1,38	6,9	16,99	0,178	3,02422	43,83
6	1,26	7,56	17,32	0,228	3,94896	52,23
7	1,19	8,33	17,52	0,281	4,92312	59,10
8	1,22	9,76	17,7	0,352	6,2304	63,84
9	1,18	10,62	17,9	0,4	7,16	67,42
10	1,15	11,5	18,03	0,452	8,14956	70,87
11	1,3	14,3	18,24	0,543	9,90432	69,26
11,5	1,23	14,145	18,35	0,602	11,0467	78,10
12	1,15	13,8	18,33	0,608	11,14464	80,76
13	1,06	13,78	18,31	0,614	11,24234	81,58
14	1	14	18,32	0,629	11,52328	82,31
15	0,93	13,95	18,31	0,632	11,57192	82,95

6 XT-E in series load

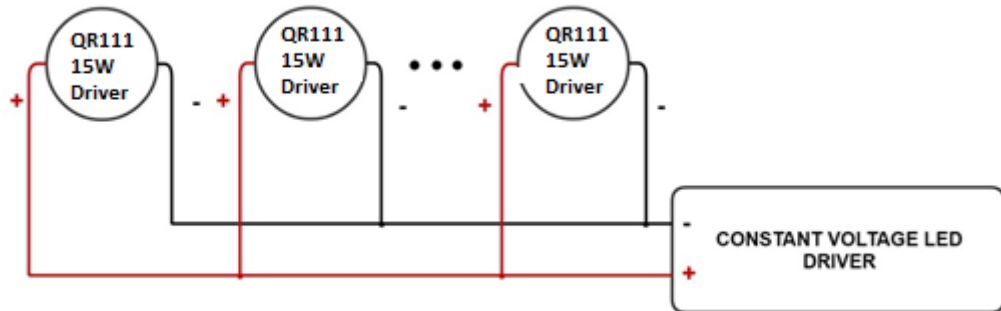


6 XT-E in series load



ELECTRICAL INSTALLATION

Connecting to the power supply should be done when the power supply is off.



ENVIRONMENTAL CAUTION



Caution!

It is prohibited to dispose of obsolete and waste electrical and electronic equipment together with regular household wastes. They should be properly sorted and recycled. Old electrical and electronic equipment should be returned to a waste collection point established by a waste-management service. Waste electrical and electronic equipment can be broken down to base materials and then recycled. For more information regarding waste management please contact your local authorities, waste-management service or the seller of electrical and electronic devices.