



NIVISS nSpot Plus QR111D 11W

CREE 
▶ LED Solution Provider



INTRODUCTION SAVE ENERGY WITH NIVISS nSpot

NIVISS nSpot Plus is an advanced light source designed for energy efficient and eco-friendly indoor lighting. It is based on LEDs produced by one of the leaders of the LED technology - the American company CREE and is a good alternative for traditional bulbs. One of the key advantages of LEDs over traditional light sources, besides of better performance, is that they do not contain any toxic substances like mercury or lead that have such a negative impact on the environment. They provide healthy illumination without UV or IR radiation. Modern and esthetic design distinguishes nSpots Plus from other luminaries.

- ⌘ Ideal replacement for traditional QR111
- ⌘ 6 x CREE © LED Lamp
- ⌘ High Efficiency
- ⌘ Low Temperature
- ⌘ Dimmable (with selected dimmers)
- ⌘ Environmental Friendly (no UV and Mercury)
- ⌘ Long Lifetime
- ⌘ Energy Saving (11W=50W halogen)
- ⌘ Modern Design

APPLICATIONS NIVISS nSpot can be widely used in different types of general indoor lighting applications such as illumination of: residences and houses, shops, museums, jewellery stores, furnitures etc. and can work as:

- ⌘ accent lighting
- ⌘ decorative lighting
- ⌘ recessed lighting
- ⌘ garden lightin



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NIVISS nSpot Plus QR111D 11W



FEATURES



SPECIFICATION

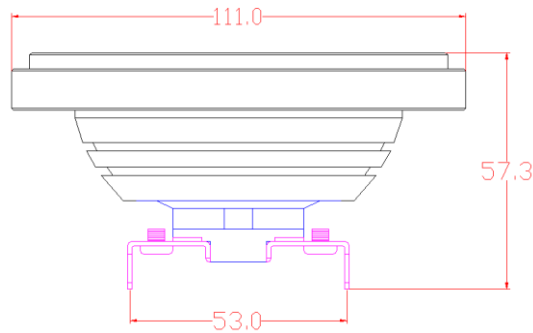
Color	Comfort White	Warm White	Neutral White	Cool White
Color Temperature	2700 ± 150K	3000 ± 150K	4000 ± 200K	5000 ± 250K
Source Lumen Output*	740 lm	740 lm	850 lm	970 lm
Typical CRI	80	80	80	75
Viewing Angle	18°, 27°			
Wattage	11W			
Input Voltage	12V AC/DC			
LED Working Current	460mA ± 20mA			
Dimming**	YES			
Operating temperature	-20 ° C - +40 ° C			
Lifetime***	Up to 35 000 hours			

* Source performance in real-life conditions, including driver and utilization losses / initial lumen output tolerance +-15 lm.

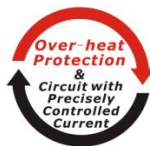
** With selected dimmers. List of dimmers available on the website.

*** Approximate lifetime of the product based on CREE® declaration at +40°C ambient temperature. All the parameters and values mentioned in specification are containing only approximate informations and can be not precise.

DIMENSIONS



SAFETY

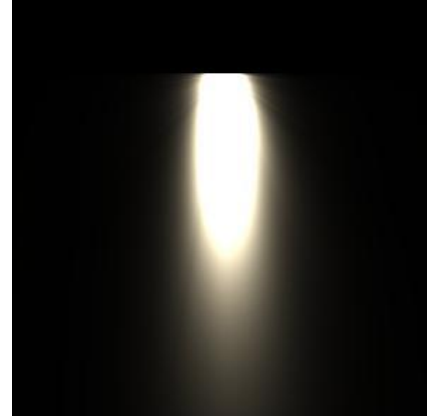
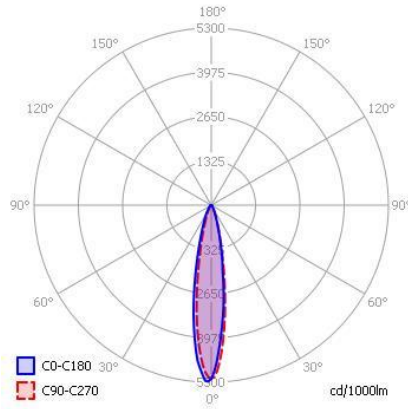




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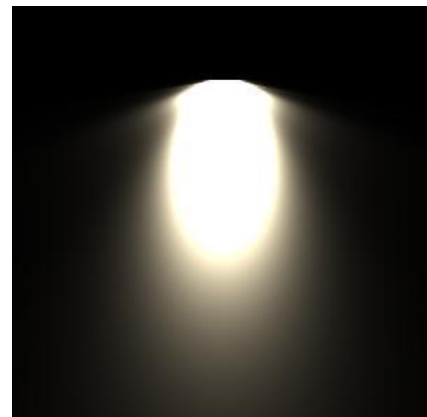
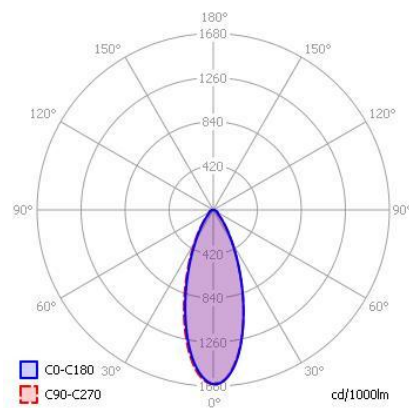
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PHOTOMETRIC



Viewing angle 18°

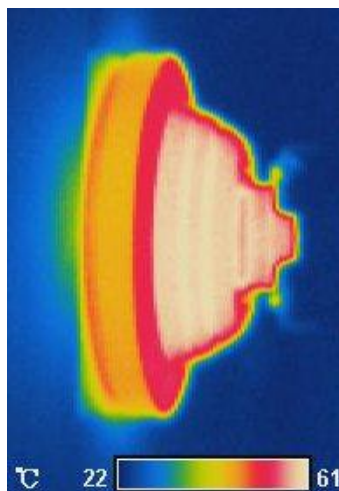
* All photometric files are available on our website www.niviss.com



Viewing angle 27°

* All photometric files are available on our website www.niviss.com

THERMAL ANALYSIS



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TECHNICAL & COST COMPARISON

Item	Halogen lamp	NIVISS nSpot Plus QR111
Light Source	Halogen	6x CREE LEDs
Power Consumption	50W	11W
Product Lifetime Power Consumption*	1 750 kWh	385 kWh
Electricity Cost**	263 €	58 €
Lifetime	2 000 h	35 000 h***
Maintenance Frequency	Often	Rarely
Product Lifetime Maintenance Frequency****	18 pcs.	1 pc.
Emission of CO ₂ *****	1 208 kg	266 kg
Operating Temperature	-10 °C - +40 °C	-20 °C - +40 °C

*The value in kWh based on 35 000 h lifetime of LED product

**The electricity costs based on the price 0.15 €/kWh and 35 000 h lifetime of LED product

***Approximate lifetime of the product while maintaining optimal working conditions

****The product lifetime maintenance frequency based on 35 000 h lifetime of LED product

*****The emission of CO₂ based on 0.69kg/kWh and 35 000 h lifetime of LED product

All the parameters and values mentioned in technical & cost comparison table are containing only approximate informations and can be not precise.

ORDERING CODE

Symbol	Beam Color	CCT	Luminous Flux	CRI
NSPOT-PL-QR111D-11VW-xx	Comfort White	2700±150K	740lm*	80
NSPOT-PL-QR111D-11WW-xx	Warm White	3000±150K	740lm*	80
NSPOT-PL-QR111D-11NW-xx	Neutral White	4000±250K	850lm*	80
NSPOT-PL-QR111D-11CW-xx	Cool White	6000±250K	970lm*	75

xx- lens angle, available 18°, 27°

* Source performance in real-life conditions, including driver and utilization losses / initial lumen output tolerance +-15 lm.

Please use the above markings while making orders

PACKAGE

- ⚙ The net weight of a small carton is 325g
- ⚙ Cardboard boxes are used to protect the lamps from mechanical shocks during transportation.



SMALL CARTON

(87 x 87 x 112 mm)

(3.43" x 3.43" x 4.41")

1 PIECE OF QR111 INSIDE

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.

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