



NIVISS nSpot QR 111



INTRODUCTION **SAVE ON ENERGY WITH NIVISS nSPOT QR111 !**

NIVISS nSpot QR111 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. 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. The QR111 nSpot are comparable to the traditional WCFL luminaries which are commonly used in retail outlets, common and work areas. QR111 nSpots are based upon CREE X-Lamp Power LEDs. Its low depth design allows it to be installed in most ceiling types. They provide healthy illumination without UV or IR radiation. Modern design distinguishes nSpots from other luminaries.

FEATURES

RoHS COMPLIANT



*Long Lifetime
LED Product*

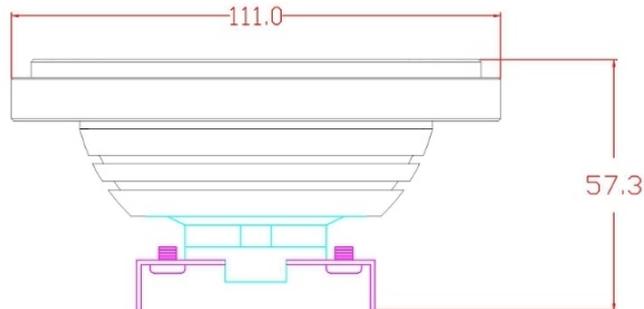
SPECIFICATION

Color	Comfort White	Warm White	Neutral White	Cool White
Color Temperature	2700 ± 150K	3000 ± 200K	4000 ± 250 K	5000 ± 250 K
CRI	>80 />85 />90	>80 />85 />90	>75 />80	>75
Source Lumen Output	599 /524 /483 lm*	641 /563 /524 lm*	683 /641 lm*	731 lm*
LED Viewing Angle	20°/30°			
Wattage	11 W			
Input Voltage	12 V AC/DC			
Frequency	47 - 63Hz			
Operating temperature	-20°C - +40°C			
Warranty	3 years			

*Source performance in real-life conditions, including driver and utilization losses / initial lumen output tolerance +-100 lm
All the parameters and values mentioned in this specification are containing only approximate informations and can be not precise



DIMENSIONS



ORDERING CODE

Symbol	Beam Color	CCT	Luminous Flux	CRI
NIV-QR111-11VW-xx-80	Comfort White	2700 ± 150 K	599 lm*	>80
NIV-QR111-11VW-xx-85	Comfort White	2700 ± 150 K	524 lm*	>85**
NIV-QR111-11VW-xx-90	Comfort White	2700 ± 150 K	483 lm*	>90**
NIV-QR111-11WW-xx-80	Warm White	3000 ± 200 K	641 lm*	>80
NIV-QR111-11WW-xx-85	Warm White	3000 ± 200 K	563 lm*	>85**
NIV-QR111-11WW-xx-90	Warm White	3000 ± 200 K	524 lm*	>90**
NIV-QR111-11NW-xx-75	Neutral White	4000 ± 250 K	683 lm*	>75
NIV-QR111-11NW-xx-80	Neutral White	4000 ± 250 K	641 lm*	>80**
NIV-QR111-11CW-xx-75	Cool White	5000 ± 250 K	731 lm*	>75

XX- lens angle, available 20°, 30°

*Source performance in real-life conditions, including driver and utilization losses / initial lumen output tolerance ±100 lm

**Available on special request

Please use the above markings while making orders

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

Wereservetherighttomaketechnical changes withoutpriornotice.
 Copyright c NIVISS 20/07/2011VA00