



NIVISS nSpot GU10

CREE 
 ▶ LED Solution Provider



INTRODUCTION SAVE ON ENERGY WITH NIVISS nSPOT GU10

NIVISS nSpot 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 design distinguishes nSpots from other luminaries.

-  Ideal replacement for traditional GU10 lamps
-  3 x 1.5 W CREE LED Lamp
-  High Efficiency
-  Dimmable
-  Environmental Friendly (no UV and Mercury)
-  Long Lifetime
-  Energy Saving (6W LED=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, jewelry stores, furniture etc. and can work as:

-  accent lighting
-  recessed lighting
-  decorative lighting
-  garden lighting

FEATURES



SPECIFICATION

| Color | Comfort White | Warm White | Neutral White | Cool White |
|-----------------------|---|--------------|---------------|--------------|
| Color Temperature | 2700 ± 150 K | 3000 ± 150 K | 4000 ± 250 K | 6000 ± 250 K |
| LED Lumen Output | 330 lm | 355 lm | 375 lm | 405 lm |
| LED Luminous Efficacy | 87 lm/W | 94 lm/W | 100 lm/W | 107 lm/W |
| Source Lumen Output | 265 lm* | 285 lm* | 300 lm* | 325 lm* |
| CRI | 80 typical | 80 typical | 80 typical | 75 typical |
| Viewing Angle | 22 °, 35 °, 40° | | | |
| Wattage | 6W | | | |
| Input Voltage | 230V AC | | | |
| Frequency | 47-63 Hz | | | |
| LED Working Current | 450 ± 20 mA | | | |
| Dimmable with | most of leading and trailing phase cutting dimmers, e.g. Schneider ALT00902, AURORA AU-PSP400 | | | |
| Operating temperature | -20°C - +40°C | | | |
| Lifetime | Up to 50,000 hours @ 25°C room temperature** | | | |

Source performance in real-life conditions, including driver and utilization losses / initial lumen output tolerance ±10 lm
 Approximate lifetime of the product while maintaining optimal working conditions
 All the parameters and values mentioned in this specification contain only approximate information and can be not precise

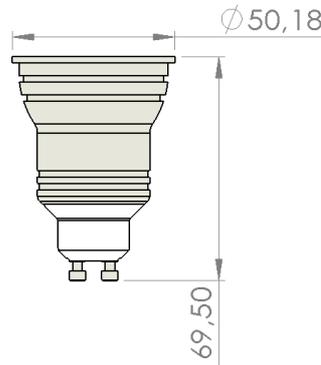




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DIMENSIONS



SAFETY



TECHNICAL & COST COMPARISON

| Item | Halogen lamp | NIVISS nSpot GU10 |
|---|---------------|---------------------------------|
| Light Source | Halogen | 3 x CREE LEDs |
| Power Consumption | 50W | 6W |
| Product Lifetime Power Consumption* | 2500kWh | 300kWh |
| Electricity Cost (@ 0,15 €/kWh)** | 375€ | 45€ |
| Life Span*** | 1500h | 50000h |
| Maintenance Frequency | Often | Low |
| Product Lifetime Maintenance Frequency**** | 34pcs | 1pc |
| Environment Protection | Not friendly | Non toxic, no UV & IR radiation |
| Emission of CO ₂ (0.69kg/kWh)***** | 2415kg | 207kg |
| Operating Temperature | -10°C - +40°C | -20°C - +40°C |
| Response Time | 0.5 s | 0.01 s |

*The value in kWh based on 50 000 h lifetime of LED product

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

**The electricity costs based on the price 0.15 /kWh and 50 000 h lifetime of LED product

****The product lifetime maintenance frequency based on 50 000 h lifetime of LED product

*****The emission of CO₂ based on 0.69kg/kWh and 50 000 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 |
|---------------------|---------------|--------------|---------------|-----|
| NIV-LEDGU10D-6VW-xx | Comfort White | 2700 ± 150 K | 265 lm* | >80 |
| NIV-LEDGU10D-6WW-xx | Warm White | 3000 ± 150 K | 285 lm* | >80 |
| NIV-LEDGU10D-6NW-xx | Neutral White | 4000 ± 250 K | 300 lm* | >80 |
| NIV-LEDGU10D-6CW-xx | Cool White | 6000 ± 250 K | 325 lm* | >75 |

xx – lens angle, available 22°, 35°, 40°

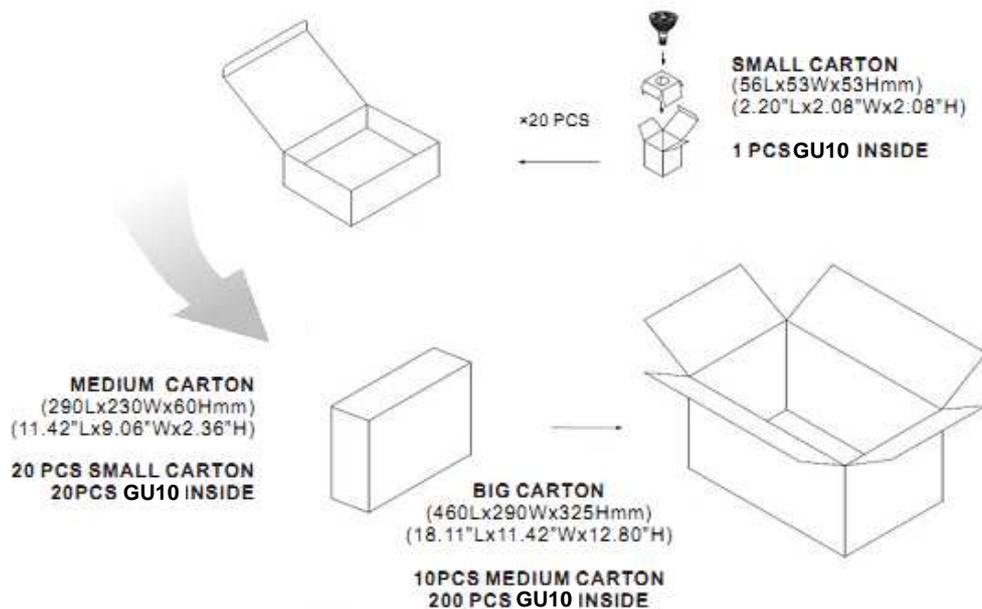
*Source performance in real-life conditions, including driver and utilization losses / initial lumen output tolerance ±15 lm

Please use the above markings while making orders



PACKING

- ❁ The weight of a nSpot GU10 with a small carton is 100 g, medium carton with content is 2140 g and big carton with content is 22.2 kg
- ❁ Lamps are packed in small cardboard boxes each, then medium carton (20 PCS), then big carton (200PCS)
- ❁ The boxes are not water resistant and they must be kept away from water and moisture
- ❁ Cardboard boxes are used to protect the lamps from mechanical hocks during transport



ENVIRONMENTAL 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