

LEDNED

Led there be light

GU10 High Power spot



General:

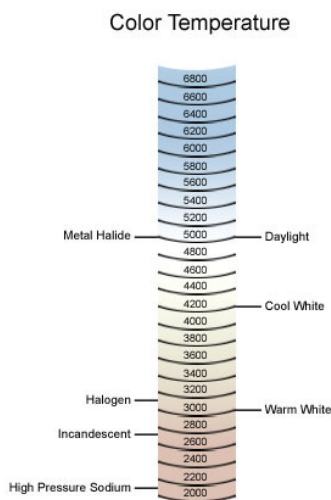
Our search for perfect lighting, combined with the wish to reduce energy consumption and CO₂ emission, to embrace new technologies and to enhance innovatively and durability, has resulted in a vast range of LED lighting products. Compared to the traditional systems, all LedNed products offer the following advantages:

- Energy efficient: 50% reduction (for fluorescence lighting) and up to a 95% reduction of energy consumption, compared to traditional light bulbs and halogen lighting.
- Environment friendly: during the complete life cycle (production – use – waste disposal), the CO₂ emission is much less.
- Less heat: savings up to 15%-25% on your normal climate control costs and even more when LED is applied in cooling/freezing equipment or cooling areas.
- Cheap: Return on investment within 6 months in a 24/7 environment; within a few years for normal use.
- Durable: dependent on the product, the life span is 8 to 20 years, without loss of light intensity and without maintenance requirements.
- No ultraviolet (UV) and infrared (IR) light: your fresh products will last longer and will not show any discoloration.
- No vibrations or frequencies: no more headaches, no more reading problems, no more annoying buzzing or flashing.
- Mercury-free: no mercury or other heavy metals are used.
- Not susceptible to temperature changes, vibrations or frequent on-off switching.

LedNed is the only company that has all its products KEMA-approved, based on the 2010 legislation.

Applications:

All products are directly applicable in your existing systems or fittings. No conversion or modification required.



Product data		Traditional lamp
Product name	GU10 HP Spot	
Power factor	0.77	
Type of LED	CREE XR-E	
Fitting	GU10	
Cover	Polycarbonate	
Type	Clear 110°	
Average live span	15.000 hour	1000 hour
Wattage	3.5 watt	35
Voltage	110 – 240	
Colour code and temperature	Cool white 6.500 K Warm white 3.000 K	
Min Lumen	106 - 88	
Colour Rendering Index	75 – 85	
Measures (H/L × W/diameter)	60 * 50,5 mm	

Savings per annum compared to 100 traditional light bulbs*	
Energy	11.500 Kwh
CO ₂ emission	7.710 Kilo
Investment energy and lighting products	3.750,- Euro
Grown trees older than 5 years	385

* Based on HIER, €/Kwh 0.20 and 10 upd



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