



# LEDNED

Led there be light

## MR11 High Power spot



**General:**

Our search for perfect lighting, combined with Energy and CO<sub>2</sub> reduction, new innovative technologies and durability, has resulted in a wide range of professional LED lighting products. Compared to the traditional systems, all LedNed products offer the following advantages:

- Energy efficient: 50% energy reduction compared to fluorescent lamps 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 CO<sub>2</sub> emission is much less.
- Less heat: energy savings up to 15%-25% on your normal climate control equipment and even more when LED is applied in cooling/freezing equipment or cooling areas.
- Cost effective: Return on investment within 6 months in a 24/7 environment; within a few years for normal use.
- Durable: depending on the product, the life span is 8 up 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.

Productdata		Traditional lamp
Product name	MR11 HP Spot	
Power Factor	0.85	
Type LED	CREE XR-E	
Fitting	MR 11	
Cover	Polycarbonaat	
Execution	Bright 110°	
Average Lifespan	15.000 hrs	1000
Wattage	1,5 watt	25
Voltage	12 volt	
Color code & temperature	Cool white 5.200K Warm white 3.000K	
Min Lumen	85 - 100	
Color Rendering Index	75 - 85	
Dimensions - H/L x W/diameter	40 * 35 mm	

**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.

Savings per annum base don 100 traditional light bulbs*	
Energy	8.600 KwH
CO2 emission	5.750 Kilo
Money energy & lights	3.200,- Euro
Mature trees older than 5 years	286

\* figures based on HIER, € / KwH 0,20 & 10 hrs/day

