



# LEDNED

Led there be light

## E27 High Power LED Bulb

### 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.

**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.



Productdata		Traditional lamp
Product name	LB60 HP Bulb	
Power Factor	0.85	
Type LED	CREE MC-E	
Fitting	E27	
Cover	Glass	
Execution	Mat	
Average Lifespan	20.000 hrs	1000
Wattage	6 watt	35-50
Voltage	110 - 240	
Color code & temperature	Day light 5.700K Cool White 4.200K Warm white 2.700K	
Min Lumen	430 / 370 / 280	
Color Rendering Index	75-80-85	
Dimensions - H/L x W/diameter	120 * 55,5mm	

Savings per annum based on 100 traditional light bulbs*	
Energy	12.500 kWh
CO <sub>2</sub> emission	8.300 Kilo
Money energy & lights	3.200,- Euro
Mature trees older than 5 years	416

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

