



LEDON stands for comfortable light. For women, men, young and old ... and for everyone who likes a homely atmosphere: LEDON – my light.

LEDON's Mini Light Dictionary

Luminous Flux: The amount of light emitted from a light source; Unit: Lumen (lm)

Colour Rendering Index (CRI): Provides information about the colour rendering of a light source and is based on of the colour rendering of an incandescent lamp, with the highest possible rating of CRI = 100. A CRI of ≥ 80 represents good to very good colour rendering properties; CRI of ≥ 90 is an excellent colour rendering value and therefore the highest quality.

Light colour: The perceived colour of the light as described by colour temperature. A distinction is made between warm white, neutral white and daylight white. In living areas and similar settings the light colour warm white is preferred.

Colour temperature: Used to describe the colour of the light. Unit of measure: Kelvin (K).

Equivalent to incandescent lamps: The terms luminous flux and colour rendering are still unfamiliar to many. For decades, the power consumption of incandescent lamps (in Watts) has been an indicator for brightness and therefore, the equivalent of light bulbs is indicated on most LED lamps. Equivalences to incandescent lamps are stipulated in the EU-Regulation 244/2009. The perceived brightness of an LED lamp is dependant on the type of incandescent lamp replaced and the style of the application. Most LED lamps, because of their design, radiate light in predominantly one direction. In many applications this is very beneficial and an LED lamp with a lower than expected (e.g., a 35W instead of 40W) incandescent wattage equivalent can be used and will still result in a brighter illumination.

Details and further information available on our website at www.ledon-lamp.com.

A picture is worth a thousand words

The icons on our packaging:



x 1 000 000

Number of switching cycles



100 % 30 %

Double-Click



0 s = 100 %

100% luminosity immediately after switching on



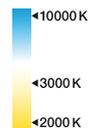
Dimmable / Non Dimmable



Sunset Dimming



Maximum number of lamps



Colour temperature in Kelvin



Beam angle



Wattage equivalent to incandescent lamps according to Tab. 6 of EU-Regulation 244/2009

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Dimming – Adjustable light output

Most of the lamps in the LEDON range are available in a dimmable version. The dimming function allows the user to reduce the brightness of the lamp gradually.

Not all dimmers are well adapted or unconditionally compatible with LED lamps. Please consult with your retailer before replacing the lamps or the installation or see www.ledon-lamp.com/en/dimmer.htm

SUNSET DIMMING: Colours like a sunset

When one dims an incandescent or halogen lamp, the colour temperature becomes warmer creating an effect like a glowing sunset. This effect is now achieved with the new SUNSET DIMMING from LEDON.

EASY DIM revolutionizes dimming

New EASY DIM from LEDON is a control switch incorporated in a new switch face plate. This patented technology sends an electronic signal to the LEDON lamp causing it to dim smoothly. This avoids incompatibility issues that often arise when trying to dim LED lamps with conventional dimmers. Up to 100 LEDON lamps can be uniformly dimmed from one EASY DIM control.

Dimming without a dimmer: Double-Click

Step 1:



> Switch on



100%
luminosity

Step 2:



> Switch off
> Switch on



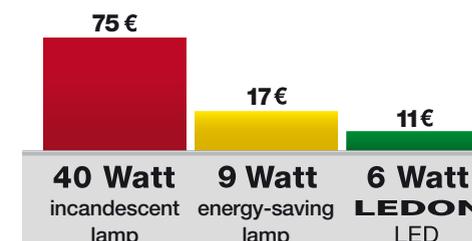
30%
luminosity

By double-clicking your light switch, the LED lamp is dimmed down to 30 per cent of its original brightness.



Electricity Cost Comparison*

LEDON LED lamps not only save the environment from harmful CO₂ emissions but also help you save money.



85%
savings of
energy costs
with LEDON
lamps

*Savings after 10 years and at the following basis for calculation: electricity costs 0.19 euros/kWh, lamp use 365 days per year for 2.7 hours daily

LEDON

High Power LED Lamps



LED

- ▶ Highest light quality
- ▶ Environmentally friendly
- ▶ Energy savings of up to 85 %
- ▶ Very long lifetime
- ▶ Latest technology



my light

www.ledon-lamp.com

LEDON

High Power LED Lamps

The first worthy alternative for incandescent light bulbs



"LED lamps produced by LEDON are among the only light sources that serve as a worthy replacement for incandescent lamps by emitting a warm-white light. The latest LED technology from Austria offers the best lighting quality available on the market."

Detlef Mikulsky
Head of LEDON Lamp GmbH

All the benefits of LEDON LED lamps at a glance:

- ✓ Comfortable warm white light similar to an incandescent lamp
- ✓ Energy savings of up to 85%
- ✓ Very long lifetime: 25,000 hours
- ✓ 100% luminosity immediately after powering up
- ✓ Wear free on/off
- ✓ Mercury free and zero UV-radiation
- ✓ Dimming also possible without dimmers thanks to the new double-click option

LEDON LED Lamp A65 10 Watt



The ideal replacement for **incandescent lamps up to 60 Watt*** with E27 or B22 socket

Double-click, EASY DIM with 11 Watt, SUNSET DIMMING and dimmable versions also available

Luminous flux: 600 lm
Energy consumption: max. 10 Watt
Colour temperature: 2 700 K (warm white)
Colour Rendering Index: CRI = 90

*48 W according to Tab. 6 of EU-Regulation 244/2009
Illustration shows new heat sink design.

LEDON LED Lamp A65 13 Watt**



The ideal replacement for **incandescent lamps up to 75 Watt*** with E27 socket

Luminous flux: 800 lm
Energy consumption: max. 13 Watt
Colour temperature: 2.700 K (warm white)
Colour Rendering Index: CRI = 90

*60 W according to Tab. 6 of EU-Regulation 244/2009

LEDON LED Lamp A60 6 Watt



The ideal replacement for **incandescent lamps up to 40 Watt*** with E27 or B22 socket

Dimmable version also available

Luminous flux: 400 lm
Energy consumption: max. 6 Watt
Colour temperature: 2.800 K (warm white)
Colour Rendering Index: CRI = 90

*35 W according to Tab. 6 of EU-Regulation 244/2009

LEDON LED Lamp P45 5 Watt



The ideal replacement for **golf ball-style incandescent lamps up to 25 Watt*** with E14 socket

Dimmable version also available

Luminous flux: 230 lm
Energy consumption: max. 5 Watt
Colour temperature: 2.700 K (warm white)
Colour Rendering Index: CRI = 80

*23 W according to Tab. 6 of EU-Regulation 244/2009

LEDON LED Globe G95 10 Watt



The ideal replacement for **incandescent lamps up to 60 Watt*** with E27 socket

Double-click and dimmable** versions also available

Luminous flux: 600 lm
Energy consumption: max. 10 Watt
Colour temperature: 2 700 K (warm white)
Colour Rendering Index: CRI = 90

*48 W according to Tab. 6 of EU-Regulation 244/2009
Illustration shows new heat sink design.

LEDON LED Globe G95 13 Watt**



The ideal replacement for **incandescent lamps up to 75 Watt*** with E27 socket

Luminous flux: 800 lm
Energy consumption: max. 13 Watt
Colour temperature: 2.700 K (warm white)
Colour Rendering Index: CRI = 90

*60 W according to Tab. 6 of EU-Regulation 244/2009

LEDON LED Globe G80 6 Watt



The ideal replacement for **incandescent globe lamps up to 40 Watt*** with E27 or B22 socket

Dimmable version also available

Luminous flux: 400 lm
Energy consumption: max. 6 Watt
Colour temperature: 2.800 K (warm white)
Colour Rendering Index: CRI = 90

*35 W according to Tab. 6 of EU-Regulation 244/2009

LEDON LED Candle B35 5 Watt



The ideal replacement for **candle-style incandescent lamps up to 25 Watt*** with E14 socket

Dimmable version also available

Luminous flux: 220 lm
Energy consumption: max. 5 Watt
Colour temperature: 2.700 K (warm white)
Colour Rendering Index: CRI = 80

*22 W according to Tab. 6 of EU-Regulation 244/2009

LEDON LED Spot GU10 4 Watt



The ideal replacement for **20 Watt Halogen Reflector Lamps** with GU10 socket

Luminous flux: 180 lm
Energy consumption: max. 4 Watt
Colour temperature: 3 000 K (warm white)
Colour Rendering Index: CRI = 80

Beam angle: 38°
Supply voltage: 230-240 V AC

LEDON LED Spot GU10 5 Watt



The ideal replacement for **35 Watt Halogen Reflector Lamps** with GU10 socket

Dimmable version also available

Luminous flux: 220 lm
Energy consumption: max. 5 Watt
Colour temperature: 2.700 K (warm white)
Colour Rendering Index: CRI = 80

Beam angle: 25° or 35°
Supply voltage: 230-240 V AC

LEDON LED Spot GU10 7 Watt



The ideal replacement for **50 Watt Halogen Reflector Lamps** with GU10 socket

Dimmable version also available

Luminous flux: 320 lm
Energy consumption: max. 7 Watt
Colour temperature: 2.700 K (warm white)
Colour Rendering Index: CRI = 80

Beam angle: 25° or 35°
Supply voltage: 230-240 V AC

LEDON LED Candle B35/C 5 Watt



The ideal replacement for **candle-style incandescent lamps up to 25 Watt*** with E14 socket

Dimmable version also available

Luminous flux: 220 lm
Energy consumption: max. 5 Watt
Colour temperature: 2.700 K (warm white)
Colour Rendering Index: CRI = 80

*22 W according to Tab. 6 of EU-Regulation 244/2009

LEDON LED Spot GU5.3 4 Watt



The ideal replacement for **20 Watt Halogen Reflector Lamps** with GU5.3 socket

Luminous flux: 185 lm
Energy consumption: max. 4 Watt
Colour temperature: 3 000 K (warm white)
Colour Rendering Index: CRI = 80

Beam angle: 38°
Supply voltage: 12 V AC / DC

LEDON LED Spot GU5.3 5 Watt



The ideal replacement for **35 Watt Halogen Reflector Lamps** with GU5.3 socket

Luminous flux: 230 lm
Energy consumption: max. 5 Watt
Colour temperature: 2.700 K (warm white)
Colour Rendering Index: CRI = 80

Beam angle: 25° or 35°
Supply voltage: 12 V AC / DC

LEDON LED Spot GU5.3 7 Watt**



The ideal replacement for **35 Watt Halogen Reflector Lamps** with GU5.3 socket

Luminous flux: 330 lm
Energy consumption: max. 7 Watt
Colour temperature: 2.700 K (warm white)
Colour Rendering Index: CRI = 80

Beam angle: 25° or 35°
Supply voltage: 12 V AC / DC

Low voltage LED lamps must be operated on a suitable transformer. For example, operating a transformer below the minimum load (minimum power) could result in excessive voltage discharges which can result in damage to the LED lamps or the transformer. This effect can be especially pronounced with electronic transformers depending on the configuration of the electronics. Ask your retailer for compatible transformers or visit our website: www.ledon-lamp.com/en/GU5.3.htm

*Brightness comparison values are dependent on the actual type of incandescent lamp being replaced (e.g. soft white finish incandescent lamps have a lower light output than clear finished lamps) and the type of application – for more information please see www.ledon-lamp.com/en/faq concerning the products.htm

**Coming soon