

Essentials

Data sheet

LED Lamp P55

UK



RoHS ✓

P55 LED standard bulb

UK

Key Features

- 4,5W LED lamp as 35W GLS replacement
- B22 base
- 220-240V~ input voltage
- Non-dimmable
- Mercury free
- 2 years guarantee

Common Characteristics¹

Average lifetime: 30.000 h²
 Switching cycles (30s on, 30s off): 20.000 times
 Casing Material: Plastic.
 Starting time max.: 1.0s
 Warm up time for 60% light: none
 Power factor: 0.50
 Mercury max.: 0.0mg
 Length: 130mm
 Diameter: 60mm
 Weight: 60g
 Lm / W: 90

Characteristics Range¹

Input power: 4,5W
 Luminous flux: 420lm

RS Article No.	Color temperature
7746845	4000 K = Cool white

Beam angle: 270 degree

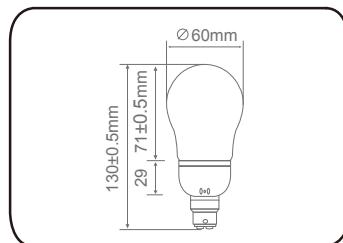
CRI: 70-80

¹ Typical values.

All the technical parameters apply to the entire lamp. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.

² The lifetime is estimated at room temperature(25 °C), free air burning, base up burning position and at rated voltage. To achieve a full lifetime a good heat exchange for the electronic components is required.

Technical Drawing



Lamp Conformity

2004/108/EC
 Electromagnetic compatibility(EMC)

EN55015/A2:2009

Limits and methods of measurement of radio disturbance.

EN16147:2009

Electromagnetic compatibility immunity requirements.

EN61000-3-2/A2:2009

Electromagnetic compatibility - Limits for harmonic current emission.

EN61000-3-3:2008

Electromagnetic compatibility - Limitation of voltage changes, voltage fluctuations, flicker in public low voltage supply systems.

2006/95/EC

Electrical equipment designed for use within certain voltage limits.

EN60968/A2:1999

Self ballasted lamps for general lighting services - Safety requirement.

IEC62560:2011

Self ballasted LED-lamps for general lighting services by voltage >50V-Safety

EN62471:2008

Photobiological safety of lamps and lamp systems

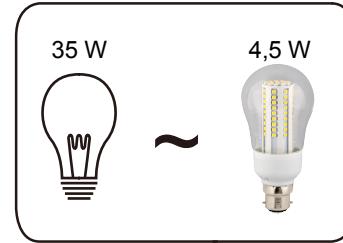
EN62493: 2010

Assessment of lighting equipment related to human exposure to electromagnetic fields (EMF)

2011/65/EU

Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS II)

Equivalent



35 W ~ 1x GLS = 1x LED

30x GLS = 30 years
 ~ 2,7 h/day

Proper Use

Suitable for indoor use.

For outdoor applications and operation in damp locations special approved fixture are required.

Operating temperature range between -15 °C and 40 °C.

Application

Household luminaires

Hotels

Hospitals

Office space

Caution

Please take the time to read this installation guide. The guide contains important information and notes regarding the installation and operation.

DISCLAIMER:

We disclaims liability for any direct, indirect or incidental damages in case of installation performed either not according to this guide or not performed by a professional electrician.

Safety instruction

Always switch off the power supply before replacing. Only to apply in dry indoor usage and environments,outdoor applications requires an IP rated fixtures.

Do not change the structure or an components of the LED lamp to ensure safety. Please read the installation instruction very carefully and follow the wiring instructions to ensure safety.