



**NBB Bohemia s.r.o.**

Výroba a prodej osvětlovací techniky, Sídliště 693, 407 22 Benešov nad Ploučnicí

## Product Data Sheet

LED žárovka

**LQ6 LED G45 230-240V  
7W E14 2700K**

Order number

**248000550**

Unit EAN13 code

**8595209953971**



### General information

Model/Description	<b>LED zdroje</b>
Brand/Manufacturer	<b>NBB</b>
Nominal service life (h)	<b>20000 h</b>
Colour	<b>Bílá</b>
Socket	<b>E14</b>
Dimmable	<b>Ne</b>
Energy efficiency class (canceled regulation!)	<b>A+</b>
Nominal voltage (V)	<b>230 - 240 V</b>
Degree of protection (IP)	<b>IP20</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>LQ6 LED G45 230-240V 7W E14 2700K</b>
Třída energetické účinnosti podle 2019/2015	<b>G</b>

### Electrical characteristics

Nominal wattage	<b>7 W</b>
Rated power (W)	<b>7 W</b>
Operating voltage (V)	<b>170 - 240 V</b>
Type of Voltage	<b>AC</b>
Lowest permitted operating voltage (V)	<b>170 V</b>
Nominal current	<b>70 mA</b>
Lamp power	<b>7 W</b>
Voltage type	<b>AC</b>
Nominal current (A)	<b>0,070 A</b>

### Working conditions

Integrated driver	Ano
Operating frequency	50 - 60 Hz
Maximum permitted storage temperature	50 °C
Suitable for domestic use.	Ano
Application	Všeobecné osvětlování
Suitable for frequent switching	Ano
Ambient temperature	-10/+40 °C

### Physical characteristics

Type of chip	2835
Dimensions (mm)	Ø45 x 88 mm
Packing method	1
Weight gross	41 g
Weight netto	32 g
Diameter	45 mm
Lamp shape	Kapková
Length	88 mm
Type of glass/cover	Matný

### EuP Parameters

Average Lifetime B50 (h)	20000 h
Luminescence Life maintenance factor	70,0 %
Factor of functional reliability (LSF) after nom. life	50,0 %
Time to 60 % luminous flux	0,3 s
Number of maximal switching cycles	25000
The rate of premature failures	<1 %
Colour difference	90 %
Rated service life	20000 h
Energy consumption (AGGR)	7 kWh/1000h
Turn-on time	<0,3 s
GLS replacement	40 W
Ekvivalent halogenové žárovky	38 W

### Lighting characteristics

Color rendering	1B
Light Colour	teplá bílá
Dominant wavelength	605 nm
Luminous flux	560 lm
Colour temperature	2700 K
Colour rendering index CRI	80 Ra
Maximal intensity (Cd)	190,9 Cd
Colour of light	827
Colour controllable (RGB)	Ne
Beam angle Degrees (°)	120 °
Chromaticity coordinates x	0,440
Chromaticity coordinates y	0,403

## Safety information

Safety instructions	<a href="http://www.nbb.cz">www.nbb.cz</a>
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## Environmental characteristics

Mercury content	0,00 mg
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## Energetic characteristics

Lamp Power factor (PF)	>0.5
Rated efficiency after 100h	99,99 %
Lamp efficacy	80 lm/W

## Exclusion of liability

Changes to data are subject to prior notice. NBB Bohemia s.r.o. accepts no responsibility for damages caused by inaccurate interpretation of the content on this site.

## Notice

Under the scope of Act 185/2001 Coll. as amended, this product is included in waste group 5 (light sources and luminaires). In view of the harmful effects of mercury on the environment and on human health, the creators of group 5 waste (consumers) are obliged to dispose of used light sources for recycling. Do not throw this product into mixed waste after use. Take it to the nearest store, collection yard, or other designated location for free recycling. You can also dispose of the used products for recycling in our sales outlets or in collection points of collective recycling systems or municipal collection yards. Ecological recycling of waste electrical and electronic equipment is ensured through the RETELA collective system ([www.retela.cz](http://www.retela.cz)).

## Notice

Single LED chip failure, luminous flux deviation +/- 10% as well as chromaticity deviation +/- 150K are in compliance with applicable standards and are not a reason for complaint.

## Popis

## Technical drawing



