



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

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

## Product Data Sheet

LED žárovka

**LQ5 LED G45 240V 5,5W  
E14 6000K NBB**

Order number

**248000175**

Unit EAN13 code

**8595209920164**



### General information

Model/Description	<b>LED zdroje</b>
Brand/Manufacturer	<b>NBB</b>
Nominal service life (h)	<b>25000 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>220 - 240 V</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>LQ5 LED G45 240V 5,5W E14 6000K NBB</b>

### Electrical characteristics

Nominal wattage	<b>5,5 W</b>
Rated power (W)	<b>5,5 W</b>
Operating voltage (V)	<b>220 - 240 V</b>
Type of Voltage	<b>AC</b>
Lowest permitted operating voltage (V)	<b>170 V</b>
Nominal current	<b>39 mA</b>
Lamp power	<b>5,5 W</b>
Voltage type	<b>AC</b>

### Working conditions

Integrated driver	<b>Ano</b>
Operating frequency	<b>50 - 60 Hz</b>
Maximum permitted storage temperature	<b>60 °C</b>

Application	Všeobecné osvětlování
Suitable for frequent switching	Ano
Ambient temperature	-20/+40 °C
<b>Physical characteristics</b>	
Type of chip	2835
Dimensions (mm)	Ø45 x 82 mm
Packing method	1
Weight gross	0,040 g
Weight netto	0,020 g
Total lenght	82 mm
Diameter	45 mm
Lamp shape	Kapková
Length	82 mm
Type of glass/cover	Frosted
Number of LEDs	28
<b>EuP Parameters</b>	
Average Lifetime B50 (h)	25000 h
Luminescence Life maintenance factor	70 %
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	25000 h
Energy consumption (AGGR)	5,5 kWh/1000h
GLS replacement	35 W
Φ 90°	184 lm
<b>Lighting characteristics</b>	
Color rendering	1B
Light Colour	Chladná denní
Dominant wavelength	451 nm
Luminous flux	400 lm
Colour temperature	6000 K
Colour rendering index CRI	80 Ra
Colour of light	860
Beam angle Degrees (°)	140 °
Chromaticity coordinates x	0,3409
Chromaticity coordinates y	0,3450
<b>Safety information</b>	
Safety instructions	<a href="http://www.nbb.cz">www.nbb.cz</a>
<b>Environmental characteristics</b>	
Mercury content	0,00 mg

## Energetic characteristics

Lamp Power factor (PF)	>0.5
Rated efficiency after 100h	99,99 %
Lamp efficacy	72,0 lm/W

## Exclusion of liability

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## Notice

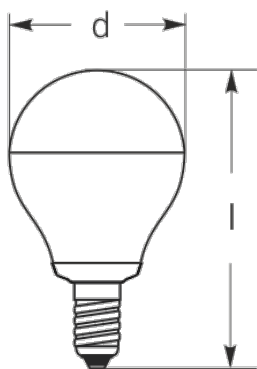
Under the scope of Act 185/2001 Coll. as amended, this product is included in waste group 5 (light sources and luminaires). In view of the harmful effects of mercury on the environment and on human health, the creators of group 5 waste (consumers) are obliged to dispose of used light sources for recycling. 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



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