



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

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



## Product Data Sheet

LED žárovka- malá baňka s těsněním

**LED G45 230-240V 1W  
COLOURMAX E27  
YELLOW**



Order number

**250655004**

Unit EAN13 code

**8595209945730**

### General information

Model/Description	<b>Světelný zdroj LED</b>
Brand/Manufacturer	<b>NBB</b>
Material	<b>PC</b>
Nominal service life (h)	<b>30000 h</b>
Colour	<b>Žlutá</b>
Socket	<b>E27</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>Ostatní</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>LED G45 230-240V 1W COLOURMAX E27 ŽLUTÁ</b>
Třída energetické účinnosti podle 2019/2015	<b>G</b>

### Electrical characteristics

Nominal wattage	<b>1,00 W</b>
Rated power (W)	<b>1,00 W</b>
Operating voltage (V)	<b>220 - 240 V</b>
Type of Voltage	<b>AC</b>
Nominal current	<b>16 mA</b>
Lamp power	<b>1 W</b>
Voltage type	<b>AC</b>
With remote control	<b>Ne</b>
Total power (W) (light fitting)	<b>1 W</b>

### Working conditions

Maximum permitted storage temperature	80 °C
Burning position	Libovolná
Application	Dekorativní účely
Suitable for frequent switching	Ano
Ambient temperature	-30/+30 °C

### Physical characteristics

Type of chip	Epistar
Dimensions (mm)	Ø45 x 72 mm
Packing method	100 - 5
Weight gross	22 g
Weight netto	16 g
Diameter	45 mm
Lamp shape	Kulatá
Length	72 mm
Number of LEDs	4

### EuP Parameters

Average Lifetime B50 (h)	30000 h
Luminescence Life maintenance factor	80,0 %
Factor of functional reliability (LSF) after nom. life	50,0 %
Number of maximal switching cycles	100000
The rate of premature failures	<0,1 %
Colour difference	90 %
Rated service life	30000 h
Energy consumption (AGGR)	1,00 kWh/1000h
Survival Factor	50
GLS replacement	8 W

### Lighting characteristics

Light Colour	žlutá
Dominant wavelength	590 nm
Luminous flux	60 lm
Colour temperature	2062 K
Colour rendering index CRI	56,5 Ra
Maximal intensity (Cd)	6 Cd
Colour of light	016
Colour controllable (RGB)	Ne
Beam angle Degrees (°)	330 °
Chromaticity coordinates x	0,510
Chromaticity coordinates y	0,470

### Safety information

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

Mercury content	0,0 mg
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**Energetic characteristics**

Lamp Power factor (PF)	0,3
Rated efficiency after 100h	99,9 %
Lamp efficacy	60,0 lm/W
Lamp displacement factor (DF)	0,92

**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**

