



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

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



## Product Data Sheet

LED žárovka (teplá bílá)

**LED A60 230-240V 2W  
COLOURMAX E27 WARM  
WHITE**



Order number

**250656010**

Unit EAN13 code

**8595209903921**

### General information

Model/Description	<b>Světelný zdroj LED</b>
Finish	<b>LED diody LQ COLOURMAX barevné</b>
Brand/Manufacturer	<b>NBB</b>
Material	<b>PC</b>
Lamp type	<b>A60</b>
Nominal service life (h)	<b>30000 h</b>
Colour	<b>bílá</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>IPX4</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>LED A60 230-240V 1W COLOURMAX E27 TEPLÁ BÍLÁ</b>
Třída energetické účinnosti podle 2019/2015	<b>G</b>

### Electrical characteristics

Nominal wattage	<b>1 W</b>
Rated power (W)	<b>1,00 W</b>
Operating voltage (V)	<b>100 - 277 V</b>
Type of Voltage	<b>AC</b>
Lowest permitted operating voltage (V)	<b>180 V</b>
Nominal current	<b>24 mA</b>
Lamp power	<b>1 W</b>
Voltage type	<b>AC</b>

Total power (W) (light fitting)	1 W
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### Working conditions

Integrated driver	Ano
Maximum permitted storage temperature	80 °C
Burning position	Libovolná
Suitable for domestic use.	Ne
Application	Dekorativní účely
Vhodné pro světelné řetězy	Ano
Suitable for frequent switching	Ano
Ambient temperature	-30/+30 °C

### Physical characteristics

Type of chip	Epistar
Packing method	100 - 5
Weight gross	22 g
Weight netto	30 g
Diameter	60 mm
Lamp shape	Standard
Length	107 mm
Type of glass/cover	Opálový
Number of LEDs	4

### EuP Parameters

Average Lifetime B50 (h)	25000 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	85 %
Rated service life	25000 h
Energy consumption (AGGR)	1 kWh/1000h
Survival Factor	50
GLS replacement	32 W

### Lighting characteristics

Light Colour	teplá bílá
Dominant wavelength	590 nm
Luminous flux	60 lm
Colour temperature	3000 K
Colour rendering index CRI	70 Ra
Maximal intensity (Cd)	6 Cd
Colour of light	030
Light colour category	Extra teplá <2500K
Beam angle Degrees (°)	330 °
Chromaticity coordinates x	440
Chromaticity coordinates y	410

## Safety information

Safety instructions

[www.nbb.cz](http://www.nbb.cz)

## Environmental characteristics

Mercury content

0,00 mg

## Energetic characteristics

Lamp Power factor (PF)

0,56

Rated efficiency after 100h

99,9 %

Lamp efficacy

70 lm/W

Lamp displacement factor (DF)

>0,5

## Exclusion of liability

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## Notice

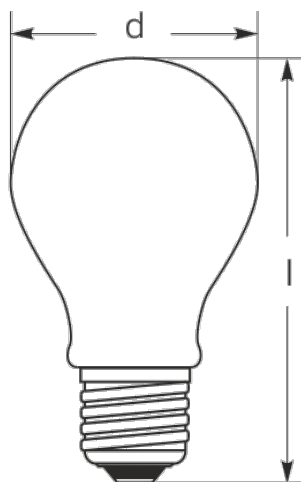
Under the scope of Act 185/2001 Coll. as amended, this product is included in waste group 5 (light sources and luminaires). In view of the harmful effects of mercury on the environment and on human health, the creators of group 5 waste (consumers) are obliged to dispose of used light sources for recycling.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