



## Product Data Sheet

LED žárovka (denní bílá)

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



Order number

**250656020**

Unit EAN13 code

**8595209943712**

### General information

|  |   |
|--|---|
| Model/Description                              | <b>Světelný zdroj LED</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 DENNÍ BÍLÁ</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>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)        | <b>1 W</b>         |

### 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               | denní bílá       |
| Dominant wavelength        | 448 nm           |
| Luminous flux              | 60 lm            |
| Colour temperature         | 6000 K           |
| Colour rendering index CRI | 70 Ra            |
| Maximal intensity (Cd)     | 6 Cd             |
| Colour of light            | 010              |
| Light colour category      | Neutrální <5300K |
| Beam angle Degrees (°)     | 330 °            |
| Chromaticity coordinates x | 310              |
| Chromaticity coordinates y | 334              |

## 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

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



