


**Product Data Sheet**

LED žárovka

**LQ5 LED C35 240V 5W  
E14 4000K NBB**

Order number

**248000046**

Unit EAN13 code

**8595209942418**

**General information**

|  |  |
|--|--|
| Model/Description                              | <b>Svíčková/Candle</b>                   |
| Brand/Manufacturer                             | <b>NBB</b>                               |
| Lamp type                                      | <b>C37</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>230 - 240 V</b>                       |
| Degree of protection (IP)                      | <b>IP20</b>                              |
| Dimmable by conventional dimmers               | <b>Ne</b>                                |
| Název položky                                  | <b>LQ5 LED C35 240V 5W E14 4000K NBB</b> |

**Electrical characteristics**

|  |                    |
|--|--------------------|
| Nominal wattage                        | <b>5 W</b>         |
| Rated power (W)                        | <b>5,0 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>43 mA</b>       |
| Lamp power                             | <b>5 W</b>         |
| Voltage type                           | <b>AC</b>          |
| With remote control                    | <b>Ne</b>          |
| Nominal current (A)                    | <b>0,043 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)     | Ø37 x 102 mm |
| Packing method      | 1            |
| Weight gross        | 41 g         |
| Weight netto        | 32 g         |
| Diameter            | 37 mm        |
| Lamp shape          | Svíčková     |
| Length              | 102 mm       |
| Type of glass/cover | Matný        |

## EuP Parameters

|  |             |
|--|-------------|
| Average Lifetime B50 (h)                               | 25000 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                                     | 25000 h     |
| Energy consumption (AGGR)                              | 5 kWh/1000h |
| Turn-on time   | <0,3 s      |
| GLS replacement  | 37 W        |

## Lighting characteristics

|                            |              |
|----------------------------|--------------|
| Color rendering            | 1B           |
| Light Colour               | chladná bílá |
| Dominant wavelength        | 451 nm       |
| Luminous flux              | 420 lm       |
| Colour temperature         | 4000 K       |
| Colour rendering index CRI | 80 Ra        |
| Maximal intensity (Cd)     | 120 Cd       |
| Colour of light            | 840          |
| Colour controllable (RGB)  | Ne           |
| Beam angle Degrees (°)     | 120 °        |
| Chromaticity coordinates x | 0,320        |
| Chromaticity coordinates y | 0,350        |

## Safety information

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

## Environmental characteristics

Mercury content **0,00 mg**

## Energetic characteristics

Lamp Power factor (PF) **>0.5**

Rated efficiency after 100h **99,99 %**

Lamp efficacy **84,0 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

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