



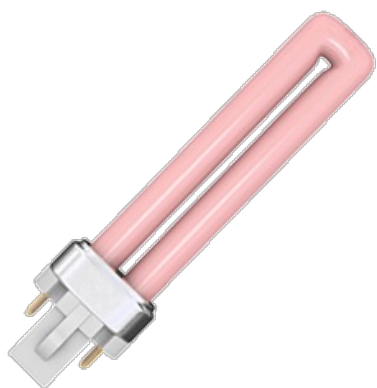
**NBB Bohemia s.r.o.**

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

## Product Data Sheet

Kompaktní zářivka červená

### LD 11W/015 Red G23 compact lamp



Order number

**221007000**

Unit EAN13 code

**8595209908865**

#### General information

Model/Description	<b>Kompaktní zářivka</b>
Finish	<b>Single</b>
Brand/Manufacturer	<b>NBB</b>
Nominal service life (h)	<b>10000 h</b>
Colour	<b>červená</b>
Socket	<b>G23 (2-pins)</b>
Dimmable	<b>Ne</b>
Energy efficiency class (canceled regulation!)	<b>B</b>
Amalgam technology	<b>Ano</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>LD 11W/015 RED G23</b>

#### Electrical characteristics

Nominal wattage	<b>11 W</b>
Rated power (W)	<b>11,0 W</b>
Operating voltage (V)	<b>91 V</b>
Type of Voltage	<b>AC</b>
Direct connection to the mains	<b>Ne</b>
Lamp power	<b>11 W</b>
Ignitor	<b>SINGLE Glow starter</b>
Nominal current (A)	<b>0,12 A</b>

#### Working conditions

Operating frequency	<b>50 - 60 Hz</b>
Burning position	<b>Libovolná</b>

Suitable for domestic use.	<b>Ne</b>
Application	<b>Pro dekorativní účely</b>
Integrated starter	<b>Ano</b>
Suitable for electronic ballast	<b>Ano</b>
Ambient temperature	<b>25 - 35 °C</b>
Number of lighting tubes	<b>2</b>
Special application	<b>Ostatní</b>

#### **Physical characteristics**

Dimensions (mm)	<b>30 x 18 x 238 mm</b>
Packing method	<b>50 - 1</b>
Weight gross	<b>70 g</b>
Weight netto	<b>50 g</b>
Total lenght	<b>238 mm</b>
Diameter	<b>18 mm</b>

#### **EuP Parameters**

Average Lifetime B50 (h)	<b>10000 h</b>
Luminescence Life maintenance factor	<b>70,0 %</b>
The rate of premature failures	<b>&lt; 1 %</b>
Rated service life	<b>10000 h</b>
Energy consumption (AGGR)	<b>11 kWh/1000h</b>

#### **Lighting characteristics**

Type of spectrum	<b>Červené/Red</b>
Color rendering	<b>1B</b>
Light Colour	<b>RED</b>
Dominant wavelength	<b>618 nm</b>
Luminous flux	<b>400 lm</b>
Colour rendering index CRI	<b>20 Ra</b>
Colour of light	<b>015</b>
Chromaticity coordinates x	<b>0,576</b>
Chromaticity coordinates y	<b>0,317</b>

#### **Safety information**

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

Mercury content	<b>3,5 mg</b>
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#### **Energetic characteristics**

Rated efficiency after 100h	<b>99,99 %</b>
Lamp efficacy	<b>57,1 lm/W</b>

#### **Lamp survival factor (LSF)**

LSF after 2.000 hrs	<b>98,2 %</b>
LSF after 4.000 hrs	<b>96,3 %</b>

LSF after 6.000 hrs	<b>87,0 %</b>
LSF after 8.000 hrs	<b>50,0 %</b>
LSF after 10.000 hrs	<b>50,0 %</b>

#### **Lamp lumen maintenance factor (LLMF)**

LLMF after 2.000 hrs	<b>85,0 %</b>
LLMF after 4.000 hrs	<b>78,0 %</b>
LLMF after 6.000 hrs	<b>75,0 %</b>
LLMF after 8.000 hrs	<b>73,0 %</b>
LLMF after 10.000 hrs	<b>70,0 %</b>

#### **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.

#### **Safety instructions**

When replacing a fluorescent tube, first disconnect the luminaire from the electrical current supply. First remove the fluorescent lamp from the fixture and then install a new one. Take care to ensure that the product is not broken. Install the new fluorescent lamp by gently inserting it and turning it into the sides of the luminaire to any side. Only use the product in the luminaires designed for this type of light source. The manufacturer can not be held responsible for damages resulting from inappropriate connection, connection to an unsuitable distribution system, or damage resulting from the use of an unsuitable light source. Observe the operating values on the product. Do not expose the product to inappropriate weathering or high temperatures unless it is expressly stated that the product is intended to be operated under these conditions. When installing, wiring or disassembling, follow the generally accepted safety precautions. After installing a new fluorescent lamp, close the enclosure with original covers - to prevent possible electric shock. Only then connect the luminaire to the electrical circuit.

#### **Popis**

Coloured fluorescent tubes with red spectrum. More significant and brighter colors for lighting decoration.

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