



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

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



## Product Data Sheet

Germicidní kompaktní zářivka UVC (254nm),  
provoz na elektronický předřadník

**KLD-L 18W UV-C 2G11 no  
ozone**



Order number  
**224100000**

Unit EAN13 code  
**8595209932181**

### General information

Model/Description	<b>Compact fluorescent lamps</b>
Finish	<b>Čtyřpinová</b>
Brand/Manufacturer	<b>NBB</b>
Nominal service life (h)	<b>10000 h</b>
Socket	<b>2G11 (4-pins)</b>
Dimmable	<b>Ano</b>
Amalgam technology	<b>Ne</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>KLD-L 18W UV-C 2G11 GERMICIDAL</b>

### Electrical characteristics

Nominal wattage	<b>18 W</b>
Rated power (W)	<b>18,0 W</b>
Operating voltage (V)	<b>60 V</b>
Type of Voltage	<b>AC</b>
Lamp operating current	<b>0,370 A</b>
Direct connection to the mains	<b>Ne</b>
Lamp power	<b>18 W</b>
Total power (W) (light fitting)	<b>18 W</b>

### Working conditions

Ozone production	<b>Ne</b>
Burning position	<b>Libovolná</b>
Application	<b>Desinfekce/desinfection</b>
Integrated starter	<b>Ne</b>

Suitable for electronic ballast	Ano
Ambient temperature	25 °C
Number of lighting tubes	2
Special application	Sterelizace

#### Physical characteristics

Dimensions (mm)	40 x 18 x 218 mm
Packing method	50 - 1
Weight gross	80 g
Weight netto	70 g
Total lenght	218 mm
Diameter	42 mm

#### EuP Parameters

Average Lifetime B50 (h)	10000 h
Luminescence Life maintenance factor	50 %
The rate of premature failures	<1 %
Rated service life	10000 h
Energy consumption (AGGR)	18 kWh/1000h

#### Lighting characteristics

Type of spectrum	Ultrafialové/ultraviolet
Dominant wavelength	253,7 nm
UVC radiator	Ano
Type of UV radiation	UVC
Chromaticity coordinates x	0.227
Chromaticity coordinates y	0.240

#### Radiation in the UV range

UV-C Radiation	5 W
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#### Safety information

Radiation dangerous to life	Ano
Safety instructions	<a href="http://www.nbb.cz">www.nbb.cz</a>

#### Environmental characteristics

Mercury content	5,00 mg
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#### Energetic characteristics

Rated efficiency after 100h	99,99 %
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#### Lamp survival factor (LSF)

LSF after 2.000 hrs	98,2 %
LSF after 8.000 hrs	87,0 %

#### Lamp lumen maintenance factor (LLMF)

LLMF after 2.000 hrs	<b>97,5 %</b>
LLMF after 8.000 hrs	<b>93,0 %</b>

#### Exclusion of liability

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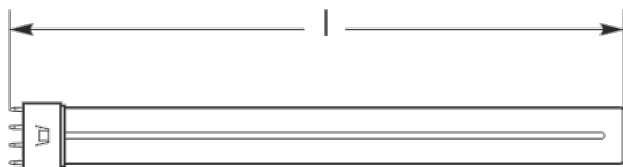
#### Safety instructions

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

UV-C radiator with 2G11 base, wavelength 254 nm. No ozone.

#### Technical drawing



**NBB Bohemia s.r.o., Sídliště 693, 407 22 Benešov nad Ploučnicí**  
<https://www.nbb.cz/en/> | [hotmail@nbb.cz](mailto:hotmail@nbb.cz)

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