



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

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

## Product Data Sheet

Kompaktní zářivka LD REPTline®

## PL-S 11W Reptile 2.0 UVB G23



Order number

**221020000**

Unit EAN13 code

**8595209920959**

### 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>Ostatní</b>
Socket	<b>G23 (2-pins)</b>
Dimmable	<b>Ne</b>
Energy efficiency class (canceled regulation!)	<b>A</b>
Amalgam technology	<b>Ne</b>
Nominal voltage (V)	<b>91 V</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>LD 11W/REPTILIGHT® 2.0 TROPIC G23</b>

### Electrical characteristics

Nominal wattage	<b>11 W</b>
Rated power (W)	<b>10,8 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>
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.	Ne
Application	Pro tropické živočichy
Integrated starter	Ano
Suitable for electronic ballast	Ano
Ambient temperature	25 °C
Number of lighting tubes	1
Special application	Terária

#### Physical characteristics

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

#### EuP Parameters

Average Lifetime B50 (h)	10000 h
Luminescence Life maintenance factor	70,0 %
Number of maximal switching cycles	>20.000
The rate of premature failures	<1 %
Rated service life	10000 h
Energy consumption (AGGR)	15 kWh/1000h

#### Lighting characteristics

Type of spectrum	Plné spektrum
Color rendering	1B
Light Colour	natural daylight
Dominant wavelength	433 nm
Luminous flux	580 lm
Colour temperature	7600 K
Colour rendering index CRI	90 Ra
Type of UV radiation	UVA+UVB
Chromaticity coordinates x	0.300
Chromaticity coordinates y	0.302

#### Safety information

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

Mercury content	3,5 mg
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#### Energetic characteristics

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

#### 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**

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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**

Fluorescent lamp with special daylight spectrum for tropical and sub-tropical animals. (2% UVB)

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