



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

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



## Product Data Sheet

Speciální lineární zářivka T5

**T5 6W Black light Blue  
fluor.lin. lamp G5**



Order number

**117002000**

Unit EAN13 code

**8595209915511**

### General information

Model/Description	<b>Zářivková trubice</b>
Finish	<b>Lineární</b>
Brand/Manufacturer	<b>NBB</b>
Lamp type	<b>T5</b>
Nominal service life (h)	<b>10000 h</b>
Colour	<b>Ostatní</b>
Socket	<b>G5</b>
Dimmable	<b>Ano</b>
Energy efficiency class (canceled regulation!)	<b>A</b>
Ignition strip	<b>Ne</b>
Fast ignition	<b>Ne</b>
Starter less operation	<b>Ne</b>
Suitable for explosion proof luminaires	<b>Ne</b>
Dimmable by conventional dimmers	<b>NE</b>
Název položky	<b>LT-T5 6W/073 Blacklight blue NBB</b>
Třída energetické účinnosti podle 2019/2015	<b>G</b>

### Electrical characteristics

Nominal wattage	<b>6 W</b>
Rated power (W)	<b>6,0 W</b>
Operating voltage (V)	<b>29 V</b>
Type of Voltage	<b>AC</b>
Direct connection to the mains	<b>Ne</b>
Lamp power	<b>6 W</b>
Nominal current (A)	<b>0,170 A</b>

Total power (W) (light fitting)	6 W
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#### Working conditions

Ambiente temperature for max. luminous flux	35 °C
Burning position	Libovolná
Application	Kontrola bankovek
Application	Ostatní
Suitable for emergency lighting	Ne
For application at low temperatures	Ne

#### Physical characteristics

Dimensions (mm)	Ø16 x 212 mm
Packing method	10 - 1
Weight gross	25 g
Weight netto	20 g
Splitter protection	Ne
Tube diameter	16 mm
Lamp shape	Lineární
Length	212 mm
Internal reflector	Ne
Double-walled	Ne

#### EuP Parameters

Average Lifetime B50 (h)	10000 h
Luminescence Life maintenance factor	UVA 50,0 %
Rated service life	10000 h
Energy consumption (AGGR)	6 kWh/1000h

#### Additional information

Note	Zářivková trubice UVA
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#### Lighting characteristics

Type of spectrum	Special
Light Colour	blacklight blue
Dominant wavelength	370 nm
Full spectrum lamps	Ne
Colour of light	073
Type of UV radiation	UVA
Beam angle Degrees (°)	360 °
Chromaticity coordinates x	0,174
Chromaticity coordinates y	0,020

#### Radiation in the UV range

UVA a UVB radiation	0,85 mW/klm
UVB radiation Effective	0,25 mW/klm

#### Safety information

**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	99,0 %
LSF after 4.000 hrs	90,0 %
LSF after 10.000 hrs	50,0 %

**Lamp lumen maintenance factor (LLMF)**

LLMF after 2.000 hrs	UVA 75,0 %
LLMF after 4.000 hrs	UVA 63,0 %
LLMF after 8.000 hrs	UVA 58,0 %
LLMF after 10.000 hrs	UVA 50,0 %

**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.

**Warning**

If broken in a closed room, we recommend ventilation to reduce the mercury vapor concentration. Use protective equipment while working. Immediately remove the shards so that they do not get injured. After removing the shards, use the technical means for decontamination of mercury. For this purpose we supply decontamination kits, which you can order by phone or in our internet shop. The decontamination kit should not be missed especially in plants where there is a danger of breaking light sources containing mercury, such as stores, warehouses, but can also be used in households. In case of nausea, give first aid and call a physician.

**Notice**

Fluorescent tubes of all types require a corresponding type of ballast to operate. A suitable ballast type can be found in the detail of the item (additional products). The quality and type of the ballast greatly affect the life of the fluorescent lamp. NBB Bohemia is not responsible for shortening lamp life when the fluorescent lamp is connected to a ballast type that NBB Bohemia s.r.o. because in such a case we can not guarantee the suitability of using the ballast to the supplied fluorescent tube. When directly connected to the mains voltage without using the ballast, the fluorescent lamp will be destroyed. Fluorescent tubes are not suitable for connection to motion sensors or for connection to frequent switching devices. Frequent switching causes shortening of lamp life. Frequent switching is considered to switch the fluorescent lamp to an interval of less than 20 minutes.

**Popis**

Special lamps for banknotes testing. Black light Blue - UVA spectrum.

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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