



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

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



## Product Data Sheet

Třípásmová kruhová zářivka

**LC 40W T9/865 G10q**  
**NBB**

Order number

**116131000**

Unit EAN13 code

**8595209911490**



### General information

Model/Description	<b>Zářivková trubice/Fluorescent lamps</b>
Finish	<b>Kruhová/Round shaped</b>
Brand/Manufacturer	<b>NBB</b>
Lamp type	<b>T9 Kruhová</b>
Colour	<b>Ostatní</b>
Socket	<b>G10q</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>9 - 865</b>
Třída energetické účinnosti podle 2019/2015	<b>G</b>

### Electrical characteristics

Nominal wattage	<b>40 W</b>
Rated power (W)	<b>40,0 W</b>
Operating voltage (V)	<b>108 V</b>
Type of Voltage	<b>AC</b>
Direct connection to the mains	<b>Ne</b>
Lamp power	<b>40 W</b>
Nominal current (A)	<b>0,415 A</b>
Total power (W) (light fitting)	<b>40 W</b>

### Working conditions

Ambiente temperature for max. luminous flux	25 °C
Burning position	Libovolná
Application	Všeobecné osvětlení
Suitable for emergency lighting	Ne
For application at low temperatures	Ne

### Physical characteristics

Packing method	20 - 1
Weight gross	440 g
Weight netto	240 g
Splitter protection	Ne
Tube diameter	31 mm
Lamp shape	Kruhová
Internal reflector	Ne
Ring diameter	406 mm
Double-walled	Ne

### EuP Parameters

Average Lifetime B50 (h)	20000 h
Luminescence Life maintenance factor	89,0 %
The rate of premature failures	<1 %
Rated service life	20000 h
Energy consumption (AGGR)	40 kWh/1000h

### Lighting characteristics

Color rendering	1B
Light Colour	chladná denní
Dominant wavelength	544 nm
Luminous flux	3220 lm
Colour temperature	6500 K
Colour rendering index CRI	84 Ra
Full spectrum lamps	Ne
Colour of light	865
Colour of light acc. EN 12464-1	Cool >5300 K
Beam angle Degrees (°)	360 °
Chromaticity coordinates x	0,341
Chromaticity coordinates y	0,323

### Safety information

Safety instructions	<a href="http://www.nbb.cz">www.nbb.cz</a>
---------------------	--

### Environmental characteristics

Mercury content	5,0 mg
-----------------	--------

### Energetic characteristics

Rated efficiency after 100h	<b>99,99 %</b>
-----------------------------	----------------

Lamp efficacy	<b>80,4 lm/W</b>
---------------	------------------

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

LSF after 2.000 hrs	<b>99,5 %</b>
---------------------	---------------

LSF after 4.000 hrs	<b>98,5 %</b>
---------------------	---------------

LSF after 8.000 hrs	<b>82,0 %</b>
---------------------	---------------

LSF after 10.000 hrs	<b>50,0 %</b>
----------------------	---------------

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

LLMF after 2.000 hrs	<b>89,0 %</b>
----------------------	---------------

LLMF after 4.000 hrs	<b>82,0 %</b>
----------------------	---------------

LLMF after 8.000 hrs	<b>75,0 %</b>
----------------------	---------------

LLMF after 10.000 hrs	<b>73,0 %</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.

#### **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**

Circular Tri-band T5 fluorescent tubes with high output and pleasant daylight colour tone.

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

Copyright CE 2024 NBB Bohemia s.r.o Všechna práva vyhrazena.