



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

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



## Product Data Sheet

Třípásmová kruhová zářivka

**LC 32W T9/865 G10q EV**

Order number

**116121000**

Unit EAN13 code

**8595209911476**



### 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>                                |
| 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>32 W</b>    |
| Rated power (W)                 | <b>32,0 W</b>  |
| Operating voltage (V)           | <b>81 V</b>    |
| Type of Voltage                 | <b>AC</b>      |
| Direct connection to the mains  | <b>Ne</b>      |
| Lamp power                      | <b>32 W</b>    |
| Nominal current (A)             | <b>0,420 A</b> |
| Total power (W) (light fitting) | <b>32 W</b>    |

### Working conditions

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

### Physical characteristics

|                     |                  |
|---------------------|------------------|
| Dimensions (mm)     | Ø304,8 x 31,0 mm |
| Packing method      | 20 - 1           |
| Weight gross        | 315 g            |
| Weight netto        | 190 g            |
| Splitter protection | Ne               |
| Tube diameter       | 30,9 mm          |
| Lamp shape          | Kruhová          |
| Internal reflector  | Ne               |
| Ring diameter       | 305 mm           |
| Double-walled       | Ne               |

### EuP Parameters

|                                      |              |
|--------------------------------------|--------------|
| Average Lifetime B50 (h)             | 20000 h      |
| Luminescence Life maintenance factor | 89,0 %       |
| Rated service life                   | 20000 h      |
| Energy consumption (AGGR)            | 32 kWh/1000h |

### Lighting characteristics

|                                 |               |
|---------------------------------|---------------|
| Type of spectrum                | Třípásmové    |
| Color rendering                 | 1B            |
| Light Colour                    | chladná denní |
| Dominant wavelength             | 544 nm        |
| Luminous flux                   | 2490 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>77,8 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.

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