



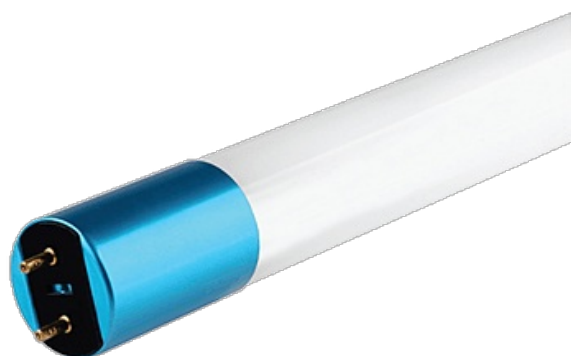
**NBB Bohemia s.r.o.**

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

## Product Data Sheet

LED trubice s jednostranným napájením

**LQ-L2R LED 22W T8-  
150/865 140 lm/W glass  
retrofit tube**



Order number

**251021110**

Unit EAN13 code

**8595209947253**

### General information

Model/Description	<b>LED světelný zdroj pro všeobecné osvětlování</b>
Finish	<b>trubicové LED zdroje</b>
Brand/Manufacturer	<b>NBB</b>
Material	<b>Glass</b>
Nominal service life (h)	<b>45000 h</b>
Colour	<b>Bílá</b>
Socket	<b>G13</b>
Dimmable	<b>Ne</b>
Energy efficiency class (canceled regulation!)	<b>A++</b>
Nominal voltage (V)	<b>90 - 265 V</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>150 - 865</b>
Třída energetické účinnosti podle 2019/2015	<b>D</b>

### Electrical characteristics

Nominal wattage	<b>22 W</b>
Rated power (W)	<b>22,0 W</b>
Nominal current	<b>110 mA</b>
Lamp power	<b>22 W</b>
Voltage type	<b>AC</b>
Nominal current (A)	<b>0,110 A</b>
Total power (W) (light fitting)	<b>22 W</b>

### Working conditions

Operating frequency	<b>50 - 60 Hz</b>
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Burning position	Libovolná
Application	Všeobecné osvětlování
Suitable for frequent switching	Ne
Ambient temperature	-20/+50 °C

#### Physical characteristics

Finish diffuzor	T8 milky
Dimensions (mm)	Ø26 x 1500 mm
Packing method	25 - 1
Weight netto	290 g
Diameter	26 mm
Lamp shape	Lineární
Length	1500 mm
Type of glass/cover	Opálový
Number of LEDs	182

#### EuP Parameters

Average Lifetime B50 (h)	45000 h
Luminescence Life maintenance factor	80,0 %
Factor of functional reliability (LSF) after nom. life	50,0 %
Number of maximal switching cycles	20 000
Rated service life	45000 h
Energy consumption (AGGR)	22 kWh/1000h
Survival Factor	50

#### Lighting characteristics

Color rendering	1B
Light Colour	chladná denní
Luminous flux	2983 lm
Colour temperature	6500 K
Colour rendering index CRI	80 Ra
Colour of light	865
Light colour category	Chladná >5300K
Beam angle Degrees (°)	330 °
Chromaticity coordinates x	0,310
Chromaticity coordinates y	0,340

#### Safety information

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

Lamp Power factor (PF)	>0,92
Rated efficiency after 100h	90 %
Lamp efficacy	140 lm/W
Lamp displacement factor (DF)	0,94

#### Exclusion of liability

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#### Notice

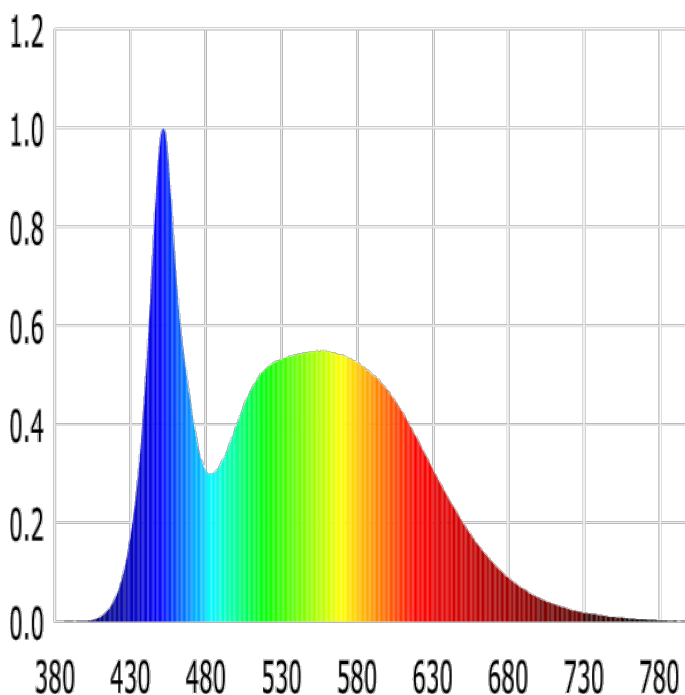
Under the scope of Act 185/2001 Coll. as amended, this product is included in waste group 5 (light sources and luminaires). In view of the harmful effects of mercury on the environment and on human health, the creators of group 5 waste (consumers) are obliged to dispose of used light sources for recycling. Do not throw this product into mixed waste after use. Take it to the nearest store, collection yard, or other designated location for free recycling. You can also dispose of the used products for recycling in our sales outlets or in collection points of collective recycling systems or municipal collection yards. Ecological recycling of waste electrical and electronic equipment is ensured through the RETELA collective system ([www.retela.cz](http://www.retela.cz)).

#### Notice

Single LED chip failure, luminous flux deviation  $\pm 10\%$  as well as chromaticity deviation  $\pm 150K$  are in compliance with applicable standards and are not a reason for complaint.

#### Popis

#### Technical drawing



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