



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 18W T8- 120/840 160 lm/W glass retrofit tube

Order number

251023020

Unit EAN13 code

8595209952165

General information

| | |
|--|---|
| Model/Description | LED světelný zdroj pro všeobecné osvětlování |
| Finish | trubicové LED zdroje |
| Brand/Manufacturer | NBB |
| Material | Sklo |
| Nominal service life (h) | 45000 h |
| Colour | Bílá |
| Socket | G13 |
| Dimmable | Ne |
| Energy efficiency class (canceled regulation!) | A++ |
| Nominal voltage (V) | 90 - 265 V |
| Dimmable by conventional dimmers | Ne |
| Název položky | 120 - 840 |
| Třída energetické účinnosti podle 2019/2015 | C |

Electrical characteristics

| | |
|---------------------------------|----------------|
| Nominal wattage | 18 W |
| Rated power (W) | 18,0 W |
| Nominal current | 85 mA |
| Lamp power | 18 W |
| Voltage type | AC |
| Nominal current (A) | 0,085 A |
| Total power (W) (light fitting) | 19,8 W |

Working conditions

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|---------------------|-------------------|
| Operating frequency | 50 - 60 Hz |
|---------------------|-------------------|

| | |
|---------------------------------------|-----------------------|
| Maximum permitted storage temperature | 80 °C |
| Burning position | Libovolná |
| Application | Všeobecné osvětlování |
| Suitable for frequent switching | Ne |
| Ambient temperature | -20/+50 °C |

Physical characteristics

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|---------------------|---------------|
| Finish diffuzor | T8 milky |
| Dimensions (mm) | Ø26 x 1200 mm |
| Packing method | 25 - 1 |
| Weight netto | 230 g |
| Diameter | 26 mm |
| Lamp shape | Lineární |
| Length | 1200 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) | 19,8 kWh/1000h |
| Equivalent linear fluorescent | 120 W |
| Survival Factor | 50 |
| Φ 90° | 2880 lm |

Lighting characteristics

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|----------------------------|------------------|
| Color rendering | 1B |
| Light Colour | chladná bílá |
| Wavelength range | 400 - 800 nm |
| Dominant wavelength | 578 nm |
| Luminous flux | 2880 lm |
| Colour temperature | 4000 K |
| Colour rendering index CRI | 80 Ra |
| Colour of light | 840 |
| Light colour category | Neutrální <5300K |
| Beam angle Degrees (°) | 330 ° |
| Chromaticity coordinates x | 0,377 |
| Chromaticity coordinates y | 0,376 |

Safety information

| | |
|---------------------|--|
| Safety instructions | www.nbb.cz |
|---------------------|--|

Energetic characteristics

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|------------------------|-----|
| Lamp Power factor (PF) | >92 |
|------------------------|-----|

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|-------------------------------|-----------------|
| Rated efficiency after 100h | 90 % |
| Lamp efficacy | 160 lm/W |
| Lamp displacement factor (DF) | 0,94 |

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.

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).

Notice

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

Popis

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