



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

Operating frequency	50 - 60 Hz
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Maximum permitted storage temperature	80 °C
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 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

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
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Energetic characteristics

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

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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).

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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