



NBB Bohemia s.r.o.

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



Product Data Sheet

LED světelný zdroj

**LQ-S 8W/827 230-240V
DuoLINE S14s (50cm)**

Order number

259100020

Unit EAN13 code

8595209935335



General information

Model/Description	LED světelný zdroj
Finish	Lineární
Brand/Manufacturer	NBB
Material	Plast
Nominal service life (h)	25000 h
Colour	Bílá
Socket	Ostatní
Dimmable	Ne
Energy efficiency class (canceled regulation!)	A+
Nominal voltage (V)	230 - 240 V
Degree of protection (IP)	IP20
Dimmable by conventional dimmers	Ne
Název položky	LQ-S 8W/827 230-240V DuoLINE S14s (50cm)
Třída energetické účinnosti podle 2019/2015	F

Electrical characteristics

Nominal wattage	8 W
Rated power (W)	8,0 W
Operating voltage (V)	220 - 240 V
Endurance	max 277 V
Type of Voltage	AC
Lowest permitted operating voltage (V)	100 V
Direct connection to the mains	Ano
Nominal current	40 mA
Lamp power	8 W

Voltage type	AC
With remote control	Ne
Nominal current (A)	0,040 A
Total power (W) (light fitting)	5 W

Working conditions

Integrated driver	Ano
Ambiente temperature for max. luminous flux	25 °C
Maximum permitted storage temperature	80 °C
Burning position	Universal
Suitable for domestic use.	Ano
Application	Všeobecné osvětlování
Type of control gear	Elektronický
Suitable for frequent switching	Ano
Ambient temperature	-20/+45 °C
Applicable with movement sensor	Ano

Physical characteristics

Type of chip	2835 Samsung
Dimensions (mm)	500 x 29 mm
Packing method	50 - 1
Weight gross	130 g
Height	47 mm
Weight netto	90 g
Diameter	30 mm
Lamp shape	Lineární
Length	500 mm
Type of glass/cover	Opálový
Number of LEDs	82

EuP Parameters

Average Lifetime B50 (h)	25000 h
Luminescence Life maintenance factor	80,0 %
Factor of functional reliability (LSF) after nom. life	50,0 %
Time to 60 % luminous flux	<0,5s s
Number of maximal switching cycles	10000
The rate of premature failures	<0,1 %
Colour difference	90 %
The light source is designed for outdoor and industrial use	Ne
Rated service life	25000 h
Energy consumption (AGGR)	8 kWh/1000h
Turn-on time	<0,3 s
Survival Factor	50
GLS replacement	45 W

Lighting characteristics

Color rendering	1B
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Light Colour	teplá bílá
Wavelength range	400 - 620 nm
Dominant wavelength	583 nm
Luminous flux	690 lm
Colour temperature	2700 K
Colour rendering index CRI	80 Ra
Colour of light	827
Colour controllable (RGB)	Ne
Light colour category	Velmi teplá <3000K
Beam angle Degrees (°)	360 °
Chromaticity coordinates x	0,451
Chromaticity coordinates y	0,407

Safety information

Safety instructions	www.nbb.cz
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Environmental characteristics

Mercury content	0,00 mg
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Energetic characteristics

Lamp Power factor (PF)	0,9
Rated efficiency after 100h	99,9 %
Lamp efficacy	68,75 lm/W
Lamp displacement factor (DF)	0,93

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 (LVD)

LED light sources ranks among electrotechnical products powered by mains 230-240V. For safety reasons, it is recommended that the assembly, connection or disassembly be carried out by a person with an appropriate electrotechnical qualification. When installing or disassembling, it is advisable to disconnect the power supply otherwise there may be a risk of electric shock. Only use the product in the luminaires designed for this type of light source. The manufacturer can not be held responsible for damages resulting from inappropriate connection, connection to an unsuitable distribution system, or damages resulting from mechanical damage to the light source. Observe the operating values on the product. Do not expose the product to inappropriate weathering or high temperatures unless it is expressly stated that the product is intended to be operated under these conditions. When installing, wiring or disassembling, follow the generally accepted safety precautions.

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.

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