



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

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



## Product Data Sheet

Nouzové svítidlo

**SONJA LED 2,4W/865  
IP20 DP1h**

Order number

**910098011**

Unit EAN13 code

**8595209973320**



### General information

Finish	<b>S vlastním zdrojem pro dočasný provoz</b>
Brand/Manufacturer	<b>NBB</b>
Material	<b>PC/PC</b>
Lamp type	<b>LED</b>
Nominal service life (h)	<b>30000 h</b>
Degree of protection (IP)	<b>IP20</b>
Dimmable	<b>Ne</b>
Autonomy	<b>1 h</b>
Power supply system	<b>Vlastní baterie</b>
Type of indicator	<b>Pouze jednostranný</b>
Lamp type	<b>LED</b>
Wiring system	<b>Dočasný provoz</b>
Nominal voltage (V)	<b>230 - 240 V</b>
Degree of protection (IP)	<b>IP20</b>
With remote switch connection	<b>Ne</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>SONJA LED 2,4W/865 IP20 DP1h</b>
Typ nouzového provozu	<b>Dočasný</b>

### Electrical characteristics

Nominal wattage	<b>2,4 W</b>
Operating voltage (V)	<b>230 - 240 V</b>
Type of Voltage	<b>AC</b>
Voltage battery	<b>3,6 V</b>
Lamp power	<b>2,4 W</b>

Circuit	<b>Paralelně kompenzační</b>
Voltage type	<b>AC</b>
Luminous flux at emergency operation	<b>170 lm</b>
Total power (W) (light fitting)	<b>2,4 W</b>

#### **Working conditions**

Battery Life	<b>1000 cyklů</b>
Charging time	<b>24 h</b>
Operating frequency	<b>50 - 60 Hz</b>
Battery type	<b>NiCD</b>
Battery capacity	<b>800 mAh</b>
Light source is part of the fixture	<b>Ano</b>
Permanent connection to mains supply	<b>Ano</b>
Working temperature of the ballast body -Tc max	<b>50 °C</b>
Burning position	<b>Libovolná</b>
Application	<b>Nouzové osvětlení</b>
Type of control gear	<b>Elektronický</b>
Ambient temperature	<b>-5/+50 °C</b>

#### **Mounting methods/application**

Mounting method	<b>Na stěnu/Wall</b>
Mounting method	<b>Nástěnná</b>

#### **Physical characteristics**

Type of chip	<b>SMD</b>
Dimensions (mm)	<b>320x75x50 mm</b>
Weight gross	<b>0,6 g</b>
Width	<b>75 mm</b>
Colour housing	<b>Bílá</b>
Weight netto	<b>0,54 g</b>
Length	<b>320 mm</b>
Height/depth (mm)	<b>50 mm</b>
Material housing	<b>Plast</b>
Material cover	<b>Strukturovaný plast</b>
Monitoring equipment	<b>Není dostupný</b>

#### **EuP Parameters**

Average Lifetime B50 (h)	<b>30000 h</b>
Luminescence Life maintenance factor	<b>50,0 %</b>
Factor of functional reliability (LSF) after nom. life	<b>50,0 %</b>
Luminaire maintenance factor	<b>1:0</b>
Equivalent to fluo.lamp (W)	<b>8 W</b>
Starting time to 90% of the light flow	<b>&lt;1 s</b>
Rated service life	<b>30000 h</b>

#### **Additional information**

Battery quality	<b>NiCd</b>
-----------------	-------------

With lamp

Ano

### Lighting characteristics

Light Colour	chladná bílá
Colour temperature	6500 K
Colour rendering index CRI	70 Ra
Colour temperature	6500 K
Effective luminous flux	170 lm
Colour	Bílá

### Safety information

Insulation class	Třída I
Safety instructions	<a href="http://www.nbb.cz">www.nbb.cz</a>
Protection class	Ochranným vodičem

### Environmental characteristics

Mercury content	0,00 mg
-----------------	---------

### Energetic characteristics

Lamp Power factor (PF)	>0,9
------------------------	------

### 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](http://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.

### If the luminaire contains batteries

If the luminaire contains rechargeable batteries for emergency operation, we provide a 6 months warranty for these batteries from the date of commissioning. This warranty period is valid for both B2C and B2B customers.

### Popis

