

**Product Data Sheet**

Nouzové svítidlo - ekonomická varianta

**FLAT 12LED Em3h DP  
IP65 clear + pictogram**


Order number

**910121100**

Unit EAN13 code

**8595209934994**
**General information**

Model/Description	<b>Nouzové svítidlo</b>
Finish	<b>Přisazené</b>
Brand/Manufacturer	<b>NBB</b>
Material	<b>Plast</b>
Lamp type	<b>LED</b>
Nominal service life (h)	<b>50000 h</b>
Autonomy	<b>3 h</b>
Power supply system	<b>Vlastní baterie</b>
Lamp type	<b>LED</b>
Wiring system	<b>Trvalý provoz</b>
Nominal voltage (V)	<b>230 - 240 V</b>
Degree of protection (IP)	<b>IP65</b>
Název položky	<b>FLAT 12LED Em3h DP/TP IP65 clear + piktogram</b>
Typ nouzového provozu	<b>Trvalý/Dočasný</b>

**Electrical characteristics**

Nominal wattage	<b>3 W</b>
Rated power (W)	<b>3 W</b>
Standby operating El. current (A)	<b>20 mA</b>
Standby power (W)	<b>1,05 W</b>
Operating voltage (V)	<b>185 - 240 V</b>
Type of Voltage	<b>AC</b>
Voltage battery	<b>4,8 V</b>
Lamp power	<b>3 W</b>
Circuit	<b>Paralelně kompenzační</b>

Voltage type	AC
Luminous flux at emergency operation	100 lm
Nominal current (A)	0,020 A
Total power (W) (light fitting)	2,80 W

#### Working conditions

Battery Life	1000 cyklů
Charging time	24 h
Charging current (A)	12 mA
Operating frequency	50 - 60 Hz
Battery type	NiCD
Battery capacity	900 mAh
Light source is part of the fixture	Ano
Permanent connection to mains supply	Ano
Maximum permitted storage temperature	80 °C
Burning position	Libovolná
Installation height (m)	2 - 3 m
Application	Nouzové osvětlení
Ambient temperature	0/+40 °C

#### Mounting methods/application

Mounting method	Stropní přisazená
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#### Physical characteristics

Type of chip	EPISTAR
Dimensions (mm)	218 x 100 x 48 mm
Packing method	1
Weight gross	986 g
Width	218 mm
Depth (mm)	99 mm
Colour housing	Bílá
Weight netto	428 g
Height/depth (mm)	48 mm
Material housing	Plast
Number of LEDs	1

#### EuP Parameters

Average Lifetime B50 (h)	50000 h
Factor of functional reliability (LSF) after nom. life	0,5 %
The rate of premature failures	<1 %
Rated service life	50000 h

#### Additional information

Battery quality	NiCd
With lamp	Ano

#### Lighting characteristics

Light Colour	<b>Chladná denní</b>
Dominant wavelength	<b>486 nm</b>
Luminous flux	<b>170 lm</b>
Colour temperature	<b>5800 K</b>
Radiation angle	<b>160 °</b>
Colour rendering index CRI	<b>87 Ra</b>
Colour of light	<b>860</b>
Colour temperature	<b>5000 - 6000 K</b>
Effective luminous flux	<b>100 lm</b>
Colour	<b>Bílá</b>
Chromaticity coordinates x	<b>0,324</b>
Chromaticity coordinates y	<b>0,336</b>

### Safety information

Insulation class	<b>Třída II</b>
Safety instructions	<b>www.nbb.cz</b>
Protection class	<b>Dvojitou izolací</b>

### Energetic characteristics

Lamp Power factor (PF)	<b>0,56</b>
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### 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 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

