



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

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

## Product Data Sheet

Nouzové svítidlo

**CARLA-2 16 LED 230-  
240V 3h TP IP65**



Order number

**910107000**

Unit EAN13 code

**8595209952837**

### General information

Model/Description	<b>S vlastním zdrojem pro trvalý provoz</b>
Finish	<b>Nouzové svítidlo</b>
Brand/Manufacturer	<b>NBB</b>
Material	<b>PC/PC</b>
Lamp type	<b>LED (Lighting Emmiting Diode)</b>
Nominal service life (h)	<b>35000 h</b>
Degree of protection (IP)	<b>IP65</b>
Autonomy	<b>3 h</b>
Power supply system	<b>Vlastní baterie</b>
Labelling type	<b>Samolepící piktogram</b>
Type of indicator	<b>Pouze jednostranný</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>
With remote switch connection	<b>Ne</b>
Název položky	<b>CARLA2 16 LED 230-240V 3h TP IP65</b>
Typ nouzového provozu	<b>Trvalý</b>

### Electrical characteristics

Nominal wattage	<b>3 W</b>
Standby power (W)	<b>0,5 W</b>
Operating voltage (V)	<b>220 - 230 V</b>
Type of Voltage	<b>AC</b>
Voltage battery	<b>3,6 V</b>

Lamp power	<b>3 W</b>
Circuit	<b>Paralelně kompenzační</b>
Voltage type	<b>AC</b>
Luminous flux at emergency operation	<b>lm</b>
Recognition distance	<b>8 m</b>
Total power (W) (light fitting)	<b>3 W</b>

#### **Working conditions**

Battery Life	<b>1000 cyklů</b>
Charging time	<b>24 h</b>
Operating frequency	<b>50 - 60 Hz</b>
Dimmable range	<b>%</b>
Battery type	<b>NiCD</b>
charging control	<b>Ano</b>
Battery capacity	<b>1500 mAh</b>
Permanent connection to mains supply	<b>Ano</b>
Maximum permitted storage temperature	<b>80 °C</b>
Burning position	<b>Libovolná</b>
Installation height (m)	<b>2 - 3 m</b>
Installation on flammable surfaces	<b>Ano</b>
Application	<b>Nouzové osvětlení</b>
Type of control gear	<b>Elektronický</b>
Ambient temperature	<b>°C</b>
Fire resistance "F"	
Driver included	

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

Mounting method	<b>Přisazené</b>
Mounting method	<b>Nástěnná</b>

#### **Physical characteristics**

Type of chip	<b>SMD</b>
Dimensions (mm)	<b>350 x 112 x 60 mm</b>
Packing method	<b>1</b>
Weight gross	<b>g</b>
Pictogram	<b>Ano</b>
Width	<b>112 mm</b>
Colour housing	<b>Šedá</b>
Weight netto	<b>g</b>
Length	<b>350 mm</b>
Height/depth (mm)	<b>60 mm</b>
Material housing	<b>Plast</b>
Material cover	<b>Strukturovaný plast</b>
Monitoring equipment	<b>Není dostupný</b>
Number of LEDs	<b>16</b>

#### **EuP Parameters**

Average Lifetime B50 (h)	<b>35000 h</b>
--------------------------	----------------

Luminescence Life maintenance factor	0,5 %
Factor of functional reliability (LSF) after nom. life	0,5 %
Luminaire maintenance factor	1,1
Equivalent to fluo.lamp (W)	8 W
Number of maximal switching cycles	
The rate of premature failures	<1 %
Colour difference	%
The light source is designed for outdoor and industrial use	
Rated service life	35000 h
Equivalent linear fluorescent	W
Equivalent compact fluorescent lamps	W
Equivalent mercury lamp	W
GLS replacement	W
Φ 90°	lm

#### Additional information

Battery quality	NiCd
With lamp	Ano

#### Lighting characteristics

Color rendering	
Light Colour	
Wavelength range	nm
Dominant wavelength	nm
Luminous flux	155 lm
Colour temperature	6000 K
Colour rendering index CRI	75 Ra
Colour temperature	100 K
Effective luminous flux	lm
Colour	Bílá
Beam angle Degrees (°)	120 °
Chromaticity coordinates x	
Chromaticity coordinates y	

#### Safety information

Insulation class	Třída II
Safety instructions	<a href="http://www.nbb.cz">www.nbb.cz</a>
Protection class	Dvojitou izolací

#### Environmental characteristics

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

#### Energetic characteristics

Lamp Power factor (PF)	
Lamp efficacy	lm/W

#### 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

This product ranks among electrotechnical products powered by mains voltage 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. Please note that the product may only be put into service with original covers, otherwise there may be a risk of electric shock, especially from the terminal block. Only use the product in places that are suitable for this purpose; do not use products intended for indoor use only in the outdoor environment. When installing or dismantling an emergency luminaire, we recommend disconnecting the power supply otherwise there may be a risk of electric shock. Observe the prescribed position when operating the product and how it is attached. Only connect the product to the rated voltage, or load it only to the maximum permitted power. Install only light sources for this type of luminaire. The manufacturer can not be held responsible for damages resulting from inappropriate connection, connection to an unsuitable distribution system, or damage resulting from the use of an unsuitable light source. Observe the operating values on the label. 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:

The emergency luminaire is energized even after disconnecting the power supply due to its own charged batteries. Therefore, it is recommended that the installation and disassembly be carried out only by a person with the appropriate electrotechnical qualifications.

Do not throw the emergency luminaire into the mixed waste after use. Take it to the nearest store, collection yard, or other designated location for free recycling. You can also deliver the used luminaires for recycling at our sales outlets. Emergency lights and modules contain a rechargeable battery. You can find the list of collection points on the Retel and Ekolamp Collective Systems pages.

## 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

**NBB Bohemia s.r.o., Sídliště 693, 407 22 Benešov nad Ploučnicí**  
<https://www.nbb.cz/en/> | [hotmail@nbb.cz](mailto:hotmail@nbb.cz)

Copyright © 2024 NBB Bohemia s.r.o. Všechna práva vyhrazena.