



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

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

## Product Data Sheet

Nouzové svítidlo

**CARLA-HL 51 LED 230-240V 7W 410lm 3h DP IP65**

Order number

**910108010**

Unit EAN13 code

**8595209974969**



### General information

Model/Description	<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>Dočasný provoz</b>
Nominal voltage (V)	<b>230 - 240 V</b>
Degree of protection (IP)	<b>IP65</b>
Název položky	<b>CARLA-HL 51 LED 230-240V 7W 410lm 3h DP IP65</b>
Typ nouzového provozu	<b>Dočasný</b>

### Electrical characteristics

Nominal wattage	<b>7 W</b>
Standby operating El. current (A)	<b>0,01 mA</b>
Operating voltage (V)	<b>220 - 240 V</b>
Type of Voltage	<b>AC</b>
Voltage battery	<b>3,6 V</b>
Lamp power	<b>7 W</b>
Circuit	<b>Paralelně kompenzační</b>

Voltage type	AC
Luminous flux at emergency operation	410 lm
Recognition distance	10 m
Nominal current (A)	0,060 A

#### Working conditions

Battery Life	1000 cyklů
Charging time	24 h
Charging current (A)	37,5 mA
Operating frequency	50 - 60 Hz
Battery type	NiCD
charging control	Ano
Battery capacity	4000 mAh
Permanent connection to mains supply	Ano
Maximum permitted storage temperature	80 °C
Burning position	Libovolná
Installation height (m)	2 - 3 m
Installation on flammable surfaces	Ano
Application	Nouzové osvětlení
Type of control gear	Elektronický
Ambient temperature	-5/+40 °C

#### Mounting methods/application

Mounting method	Přisazené
Mounting method	Nástěnná

#### Physical characteristics

Type of chip	SMD
Dimensions (mm)	350 x 117 x 76 mm
Packing method	1
Weight gross	820 g
Pictogram	Ano
Width	117 mm
Colour housing	Šedá
Weight netto	678 g
Length	350 mm
Height/depth (mm)	76 mm
Material housing	Plast
Material cover	Strukturovaný plast
Number of LEDs	51

#### EuP Parameters

Average Lifetime B50 (h)	17500 h
Luminescence Life maintenance factor	50,0 %
Factor of functional reliability (LSF) after nom. life	50,0 %
Luminaire maintenance factor	1,1
Equivalent to fluo.lamp (W)	8 W

Starting time to 90% of the light flow	1 s
Number of maximal switching cycles	1000
The rate of premature failures	<1 %
Rated service life	35000 h
Turn-on time	<1 s

#### Additional information

Battery quality	NiCd
With lamp	Ano

#### Lighting characteristics

Light Colour	chladná denní
Wavelength range	400 - 750 nm
Dominant wavelength	450 nm
Colour temperature	8800 K
Colour rendering index CRI	75 Ra
Colour temperature	8000 - 9000 K
Effective luminous flux	410 lm
Colour	Bílá
Beam angle Degrees (°)	180 °
Chromaticity coordinates x	0,270
Chromaticity coordinates y	0,270

#### 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
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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

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 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**

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