

## Product Data Sheet

Nouzové svítidlo

# CARLA 30LED 1h IP65 maintained



Order number

**910101000**

Unit EAN13 code

**8595209921840**

### General information

Model/Description	Nouzové svítidlo prachotěsné
Finish	S vlastním zdrojem pro trvalý provoz
Brand/Manufacturer	NBB
Material	PC/PC
Lamp type	LED
Nominal service life (h)	30000 h
Time of emergency operation	1h h
Degree of protection (IP)	IP65
Dimmable	Ne
Autonomy	1 h
Power supply system	Vlastní baterie
Labelling type	Samolepící piktogram
Type of indicator	Pouze jednostranný
Lamp type	LED
Wiring system	Trvalý provoz
Nominal voltage (V)	230 - 240 V
Degree of protection (IP)	IP65
With remote switch connection	Ne
Dimmable by conventional dimmers	Ne
Název položky	CARLA 30 LED 230-240V 1h TP IP65
Typ nouzového provozu	Trvalý

### Electrical characteristics

Nominal wattage	5,51 W
Standby operating El. current (A)	20 mA

Standby power (W)	1,65 W
Operating voltage (V)	190 - 250 V
Type of Voltage	AC
Voltage battery	4,8 V
Lamp power	5 W
Circuit	Paralelně kompenzační
Voltage type	AC
Luminous flux at emergency operation	142,5 lm
Recognition distance	8 m
Nominal current (A)	0,120 A
Total power (W) (light fitting)	5,51 W

#### Working conditions

Battery Life	1000 cyklů
Charging time	24 h
Charging current (A)	20 mA
Operating frequency	50 - 60 Hz
Battery type	NiCD
Battery capacity	350 mAh
Permanent connection to mains supply	Ano
Working temperature of the ballast body -Tc max	50 °C
Maximum permitted storage temperature	80 °C
Burning position	Libovolná
Installation height (m)	2 - 3 m
Application	Nouzové osvětlení
Type of control gear	Elektronický
Ambient temperature	-5/+40 °C

#### Mounting methods/application

Mounting method	Na stěnu/Wall
Mounting method	Nástěnná

#### Physical characteristics

Type of chip	SMD
Dimensions (mm)	350 x 117 x 76 mm
Packing method	12 - 1
Weight gross	0,818 g
Width	117 mm
Colour housing	Šedá
Weight netto	0,716 g
Length	350 mm
Height/depth (mm)	76 mm
Material housing	Plast
Material cover	Strukturovaný plast
Monitoring equipment	Není dostupný
Number of LEDs	30

#### 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	1:0
Equivalent to fluo.lamp (W)	8 W
Starting time to 90% of the light flow	1 s
The rate of premature failures	<1 %
Rated service life	30000 h

#### Additional information

Battery quality	NiCd
With lamp	Ano

#### Lighting characteristics

Light Colour	Chladná denní
Wavelength range	400 - 750 nm
Dominant wavelength	445 nm
Luminous flux	142,5 lm
Colour temperature	8900 K
Colour rendering index CRI	75 Ra
Colour temperature	8000 - 9000 K
Effective luminous flux	142,5 lm
Colour	Bílá
Beam angle Degrees (°)	180 °
Chromaticity coordinates x	0,287
Chromaticity coordinates y	0,299

#### 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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#### Energetic characteristics

Lamp Power factor (PF)	0,9
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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 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.

#### **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.

#### **Popis**

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