



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

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

## Product Data Sheet

Průmyslové svítidlo

# VICTORIA 230V/830 LED 2G11 2x18W EM1h- IP65



Order number

**910320618**

Unit EAN13 code

**8595209950864**

### General information

Model/Description	<b>LED svítidlo</b>
Finish	<b>Průmyslové svítidlo</b>
Brand/Manufacturer	<b>NBB</b>
Material	<b>PC/PC</b>
Lamp type	<b>LED 2G11</b>
Dimmable	<b>Ne</b>
Autonomy	<b>1 h</b>
Suitable for suspended mounting	<b>Ano</b>
Nominal voltage (V)	<b>230 - 240 V</b>
Degree of protection (IP)	<b>IP65</b>
Suitable for number of lamps	<b>2</b>
Suitable for wall mounting	<b>Ano</b>
Suitable for surface mounting	<b>Ano</b>
Emergency light	<b>Ano</b>
Suitable for ceiling mounting	<b>Ano</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>VICTORIA 230V/830 LED 2G11 2x18W EM1h-100% IP65</b>
Typ nouzového provozu	<b>Trvalý</b>

### Electrical characteristics

Nominal wattage	<b>2 x 18 W</b>
Voltage battery	<b>12 V</b>
Lamp power	<b>18 W</b>
Voltage type	<b>AC</b>
Frequency	<b>50 - 60 Hz</b>

Luminous flux at emergency operation	2260 lm
Total power (W) (light fitting)	36 W

### Working conditions

Brand of the light source	NBB
Battery type	NiCD
Battery capacity	2000 mAh
Light source is part of the fixture	Ne
Ambiente temperature for max. luminous flux	25 °C
Maximum permitted storage temperature	80 °C
Burning position	Libovolná
Application	Všeobecné osvětlování
Suitable for through-wiring	Ano
Lamp holder type	2G11
Suitable for frequent switching	Ano
Ambient temperature	-20/+35 °C
Suitable for light line configuration	Ne
Suitable for emergency lighting	Ano
Fire resistance "F"	Ano
Fit for monitor workplace	Ano
Emergency unit integrated	Ano

### Physical characteristics

Type of chip	LG
Dimensions (mm)	98 x 150 x 472 mm
Packing method	1
Width	150 mm
Reflector	Bílý
Colour housing	Šedá
Length	472 mm
Height/depth (mm)	98 mm
Material housing	Plast
Colour cover	Bez barvy
Material cover	Strukturovaný plast
Impact strength	IK08

### EuP Parameters

Average lifetime of the light source (h)	25000 h
Luminescence Life maintenance factor	80 %
Factor of functional reliability (LSF) after nom. life	70 %
Number of maximal switching cycles	>250000
Colour difference	80 %
Rated service life	25000 h
Equivalent linear fluorescent	72 W

### Additional information

Battery quality	NiCD
With lamp	Ne

### Lighting characteristics

Color rendering	1B
Light Colour	teplá bílá
Wavelength range	400 - 760 nm
Luminous flux	2260 lm
Colour temperature	3000 K
Colour rendering index CRI	86 Ra
Colour of light	830
Anti-glare limiting UGR lengthwise	20
Anti-glare limiting UGR crosswise	20
Light outlet	Přímé
Light sharing	Široký úhel
Chromaticity coordinates x	0,313
Chromaticity coordinates y	0,323

### 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)	0,95
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### Lamp survival factor (LSF)

LSF after 10.000 hrs	95,0 %
LSF after 30.000 hrs	75,0 %
LSF after 40.000 hrs	60,0 %
LSF after 50.000h	50,0 %

### 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.

#### **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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