



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

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

## Product Data Sheet

Svítlidlo s pohybovým senzorem

**PETRA 230-240V  
60W/1xE27 MW IP44  
(with microwave sensor)**



Order number

**910001000**

Unit EAN13 code

**8595209925305**

### General information

Model/Description	<b>Žárovkové svítidlo</b>
Finish	<b>S mikrovlnným pohybovým čidlem</b>
Brand/Manufacturer	<b>NBB</b>
Degree of protection (IP)	<b>IP44</b>
Lamp type	<b>Žárovka/LED</b>
Type of luminaire	<b>Svítlidlo s krytem</b>
Electrical connection with connector system	<b>Ne</b>
Nominal voltage (V)	<b>230 - 240 V</b>
Degree of protection (IP)	<b>IP44</b>
Suitable for number of lamps	<b>1</b>
Suitable for wall mounting	<b>Ano</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>PETRA 230-240V 60W/E27 MW IP44 (se senzorem)</b>

### Electrical characteristics

Nominal wattage	<b>1 x 60 W</b>
Rated power (W)	<b>60,0 W</b>
Standby power (W)	<b>1 W</b>
Operating voltage (V)	<b>220 - 240 V</b>
Type of Voltage	<b>AC</b>
Lowest permitted operating voltage (V)	<b>220 V</b>
Lamp power	<b>60 W</b>
Circuit	<b>Ostatní</b>
Voltage type	<b>AC</b>

### Working conditions

Operating frequency	50 - 60 Hz
Cap temperature (max.)	150 °C
Radar frequency	5,8 GHz
Time setting	10 s/12 min
Transmission power	<0,2 mW
Light control	3 - 2000 lx
Maxim detection range	8 m
Installation height (m)	2 - 4 m
Application	Všeobecné osvětlování
Suitable for through-wiring	Ne
Lamp holder type	E27
With movement sensor	Ano
Ambient temperature	-20/+50 °C
Suitable for light line configuration	Ne
Suitable for emergency lighting	Ne
Fire resistance "F"	Ano
Build in insulated ceiling, fire-resistance "F with roof"	Ano
Fit for monitor workplace	Ano
Minimum ambient operating temperature - Ta	-20/+50 °C
Horizontální detekční úhel	360 °

### Mounting methods/application

Mounting method	Přisazené
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### Physical characteristics

Dimensions (mm)	Ø275 x 117 mm
Packing method	4 - 1
Weight gross	1752 g
Spacing of fixing holes	170 mm
Outer diameter	275 mm
Reflector	Matný
Colour housing	Bílá
Height/depth (mm)	117 mm
Material housing	Plast
Colour cover	Bílá
Material cover	Opálové Sklo
Impact strength	IK05

### EuP Parameters

The rate of premature failures	<1 %
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### Additional information

With lamp	Ne
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### Lighting characteristics

Anti-glare limiting UGR lengthwise	19
Anti-glare limiting UGR crosswise	19
Direct-/indirect proportion separately controllable	Ano
Light outlet	Přímé
Light sharing	Symetrické

### Safety information

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

### 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.

### Popis

Fixture PETRA is made of reliable plastic (PC) and is equipped with solid milky glass cover. Microwave movement sensor is placed inside the fixture and it emits high frequency electromagnetic waves (5,8GHz) and receives the echo. Even a small change in echo caused by movement is detected. Afterwards the inbuilt microprocessor triggers command to switch lighting on. The detection is possible even through doors, windows, thinner wooden obstacles or even through brick walls.

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