



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

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



## Product Data Sheet

Svítlidlo Ø 400 mm SKLO + plech.montura

**KAROLINA 240V Ø 400  
mm 2x60W E27 OPÁL  
MW IP44**

Order number

**908070200**

Unit EAN13 code

**8595209932471**



### General information

Model/Description	<b>Glass Fixture</b>
Finish	<b>Přisazené/Wall mounted</b>
Brand/Manufacturer	<b>NBB</b>
Material	<b>Metal/Glass</b>
Lamp type	
Nominal service life (h)	<b>h</b>
Time of emergency operation	<b>h</b>
Dimmable	<b>Ne</b>
Lamp type	<b>Žárovka</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>2</b>
Suitable for wall mounting	<b>Ano</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>KAROLINA 240V Ø 400 mm 2x60W E27 OPÁL MW IP44</b>
Typ nouzového provozu	

### Electrical characteristics

Nominal wattage	<b>2 x 60 W</b>
Rated power (W)	<b>120 W</b>
Standby power (W)	<b>1 W</b>
Operating voltage (V)	<b>220 - 240 V</b>
Type of Voltage	

Voltage battery	V
Lowest permitted operating voltage (V)	220 V
Lamp power	60 W
Circuit	Paralelně-kompenzační
Voltage type	AC
Nominal current (A)	0,5 A
Total power (W) (light fitting)	W

### Working conditions

Brand of the light source	
Battery Life	cyklů
Average lifetime of the ballast (h)	h
Charging time	h
Operating frequency	50 - 60 Hz
Dimmable range	%
Battery type	
charging control	
Battery capacity	mAh
Light source is part of the fixture	
Maximum permitted storage temperature	°C
Cap temperature (max.)	150 °C
Radar frequency	5,8 GHz
Time setting	10 s/12 min
Transmission power	<0,2 mW
Light control	Ano
Burning position	Libovolná
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	°C
Suitable for light line configuration	Ne
Suitable for emergency lighting	Ne
Fire resistance "D"	Ano
Fire resistance "F"	Ano
Fire resistance "FF"	Ano
Build in insulated ceiling, fire-resistance "F with roof"	Ano
Fit for monitor workplace	Ano
Driver included	
Funkce Slave/Master	
Horizontální detekční úhel	360 °

### Mounting methods/application

Mounting method	Přisazené
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### Physical characteristics

Number of lamella	
Numbers of ballasts	<b>1</b>
Finish diffuzor	<b>Glas Opal</b>
Type of chip	
Dimensions (mm)	<b>Ø400 x 125 mm</b>
Packing method	<b>1</b>
Weight gross	<b>1752 g</b>
Spacing of fixing holes	<b>170 mm</b>
Type of grille	
Back reflector	
Pictogram	
Outer diameter	<b>400 mm</b>
Colour housing	<b>Bílá</b>
Weight netto	<b>1700 g</b>
Diameter	<b>400 mm</b>
Ball-proof	<b>Ne</b>
Height/depth (mm)	<b>125 mm</b>
Material housing	<b>Plast</b>
Colour cover	<b>Bílá</b>
Material cover	<b>Opálové Sklo</b>
Impact strength	<b>IK05</b>
Number of LEDs	

#### **EuP Parameters**

Average Lifetime B50 (h)	<b>h</b>
Average lifetime of the light source (h)	<b>h</b>
Luminescence Life maintenance factor	<b>%</b>
Factor of functional reliability (LSF) after nom. life	<b>%</b>
Equivalent to fluo.lamp (W)	<b>W</b>
Number of maximal switching cycles	
The rate of premature failures	<b>&lt;1 %</b>
Colour difference	<b>%</b>
The light source is designed for outdoor and industrial use	
Equivalent linear fluorescent	<b>W</b>
Equivalent compact fluorescent lamps	<b>W</b>
Equivalent mercury lamp	<b>W</b>
Turn-on time	<b>s</b>
GLS replacement	<b>W</b>
Φ 90°	<b>lm</b>

#### **Additional information**

With lamp	<b>Ne</b>
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#### **Lighting characteristics**

Color rendering	
Light Colour	
Wavelength range	<b>nm</b>
Dominant wavelength	<b>nm</b>

Anti-glare limiting UGR lengthwise	<b>19</b>
Anti-glare limiting UGR crosswise	<b>19</b>
Direct-/indirect proportion separately controllable	<b>Ano</b>
Colour controllable (RGB)	<b>Ne</b>
Colour temperature controllable	<b>Ne</b>
Light outlet	<b>Přímé</b>
Light sharing	<b>Symetrické</b>
Chromaticity coordinates x	
Chromaticity coordinates y	

### Safety information

Insulation class	<b>Class I</b>
Safety instructions	<b>www.nbb.cz</b>
Protection class	<b>Dvojitou izolací</b>

### Energetic characteristics

Energy Efficiency Index	
Lamp Power factor (PF)	<b>&gt;0,95</b>
Lamp efficacy	<b>lm/W</b>

### 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

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