



## Product Data Sheet

LED svítidlo oválné IP66 bez senzoru

**LED OVAL Bulkhead 12W  
4000K IP66 BLACK (TA  
fully permeable)**


 Order number  
**253001062**

Obrázek není k dispozici

### General information

Model/Description	<b>LED svítidlo</b>
Finish	<b>LED svítidlo 12W</b>
Brand/Manufacturer	<b>NBB</b>
Material	<b>Plast</b>
Lamp type	<b>LED</b>
Nominal service life (h)	<b>50000 h</b>
Degree of protection (IP)	<b>IP66</b>
Dimmable	<b>Ne</b>
Lamp type	<b>LED nevýměnné</b>
Type of luminaire	<b>Svítidlo s krytem</b>
Electrical connection with connector system	<b>Ne</b>
Nominal voltage (V)	<b>200 - 240 V</b>
Degree of protection (IP)	<b>IP66</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>LED OVAL Bulkhead 12W 4000K IP66 BLACK (TA plně propustné)</b>

### Electrical characteristics

Nominal wattage	<b>12 W</b>
Rated power (W)	<b>12 W</b>
Standby power (W)	<b>W</b>
Operating voltage (V)	<b>200 - 240 V</b>
Type of Voltage	<b>AC</b>
Lowest permitted operating voltage (V)	<b>200 V</b>

Lamp power	12 W
Circuit	Paralelně-kompenzační
Voltage type	AC
Ignitor	Není požadován
Total power (W) (light fitting)	12 W

### Working conditions

Operating frequency	50 - 60 Hz
Light source is part of the fixture	Ano
Ambiente temperature for max. luminous flux	25 °C
Maximum permitted storage temperature	60 °C
Cap temperature (max.)	°C
Burning position	Libovolná
Suitable for domestic use.	Ano
Installation height (m)	2 - 4 m
Application	Všeobecné osvětlování
Suitable for through-wiring	Ne
With movement sensor	ne
Type of control gear	Není požadován
Suitable for frequent switching	Ano
Ambient temperature	-30/+50 °C
Suitable for light line configuration	Ne
Suitable for emergency lighting	Ne
Fit for monitor workplace	Ne
Horizontální detekční úhel	360 °

### Mounting methods/application

Mounting method	Přisazené
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### Physical characteristics

Type of chip	SMD
Dimensions (mm)	290x200x100 mm
Packing method	1 - 5
Weight gross	1600 g
Spacing of fixing holes	mm
Colour housing	Černá
Ball-proof	Ne
Height/depth (mm)	200 mm
Material housing	Plast
Colour cover	Bílá
Material cover	Opálový plast
Impact strength	IK09
Number of LEDs	

### EuP Parameters

Average Lifetime B50 (h)	50000 h
Number of maximal switching cycles	>50.000

The rate of premature failures	<1 %
Colour difference	0,8 %
Rated service life	50000 h

#### Additional information

With lamp	Ano
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#### Lighting characteristics

Color rendering	1B
Light Colour	chladná denní
Wavelength range	nm
Dominant wavelength	nm
Colour temperature	4000 K
Colour of light	840
Direct-/indirect proportion separately controllable	Ano
Colour controllable (RGB)	Ne
Colour temperature controllable	Ne
Light outlet	Přímé
Light sharing	Symetrické
Effective luminous flux	800 lm
Chromaticity coordinates x	
Chromaticity coordinates y	

#### Safety information

Safety instructions	www.nbb.cz
Protection class	Dvojitou izolací

#### Environmental characteristics

Mercury content	0,00 mg
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#### Energetic characteristics

Lamp Power factor (PF)	0,9
Rated efficiency after 100h	99,9 %
Lamp efficacy	70 lm/W

#### Exclusion of liability

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#### 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

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.

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