



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

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

## Product Data Sheet

Průmyslové LED svítidlo 1575 mm

**TOPLINE LED 64W/830**  
**OPAL 2L LEDline 150cm**  
**IP65**



Order number

**910208222**

Unit EAN13 code

**8595209941787**

### General information

Model/Description	<b>Průmyslové svítidlo</b>
Finish	<b>LED nestmívatelné</b>
Brand/Manufacturer	<b>NBB</b>
Material	<b>ABS/PC</b>
Lamp type	<b>LEDline</b>
Nominal service life (h)	<b>45000 h</b>
Degree of protection (IP)	<b>IP65</b>
Dimmable	<b>Ne</b>
Suitable for suspended mounting	<b>Ano</b>
Lamp type	<b>Ostatní</b>
Nominal voltage (V)	<b>230 - 240 V</b>
Degree of protection (IP)	<b>IP65</b>
Suitable for number of lamps	<b>1</b>
Suitable for wall mounting	<b>Ano</b>
Emergency light	<b>Ne</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>TOPLINE LED 64W/830 OPAL 2L LEDline 150cm IP65</b>

### Electrical characteristics

Nominal wattage	<b>64 W</b>
Operating voltage (V)	<b>220 - 240 V</b>
Lowest permitted operating voltage (V)	<b>198 V</b>
Lamp power	<b>64 W</b>
Circuit	<b>Paralelně-kompenzační</b>
Voltage type	<b>AC</b>

Nominal current (A)	0,28 A
Total power (W) (light fitting)	70,4 W
Elektrické parametry předřadníku	CC 700 mA

#### Working conditions

Integrated driver	Ano
Operating frequency	50 - 60 Hz
Light source is part of the fixture	Ano
Working temperature of the ballast body -Tc max	75 °C
Hot restart	Ano
Protection against overvoltage	Ano
Burning position	Libovolná
Installation height (m)	2 - 5 m
Installation on flammable surfaces	Ano
Application	Všeobecné osvětlování
Suitable for through-wiring	Ano
Type of control gear	Elektronický nestmívatelný
Suitable for frequent switching	Ano
Ambient temperature	-20/+35 °C
Reflector rotatable	Ne
Fire resistance "D"	Ano
Fire resistance "F"	Ano
Fire resistance "FF"	Ano

#### Physical characteristics

Numbers of ballasts	1
Finish diffuzor	opálový
Type of chip	EPISTAR
Dimensions (mm)	1578 x 129 x 90 mm
Packing method	1 - 6
Weight gross	3000 g
Spacing of fixing holes	960 mm
Width	129 mm
Reflector	Bílý
Colour housing	Bílá
Weight netto	2900 g
Length	1578 mm
Height/depth (mm)	90 mm
Material housing	Plast
Colour cover	Bez barvy
Material cover	Strukturovaný plast
Impact strength	IK08

#### EuP Parameters

Average Lifetime B50 (h)	45000 h
Number of maximal switching cycles	> 50000
The rate of premature failures	<1 %
Colour difference	90,0 %

Rated service life	<b>45000 h</b>
Energy consumption (AGGR)	<b>70,4 kWh/1000h</b>
Equivalent fluorescent lamp	<b>116 W</b>
Turn-on time	<b>0,3 s</b>

#### **Additional information**

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

Light Colour	<b>teplá bílá</b>
Dominant wavelength	<b>447 nm</b>
Luminous flux	<b>9500 lm</b>
Colour temperature	<b>3000 K</b>
Colour rendering index CRI	<b>82 Ra</b>
Colour of light	<b>830</b>
Anti-glare limiting UGR lengthwise	<b>20</b>
Anti-glare limiting UGR crosswise	<b>20</b>
Light outlet	<b>Přímé</b>
Light sharing	<b>Široký úhel</b>
Chromaticity coordinates x	<b>0,3805</b>
Chromaticity coordinates y	<b>0,3761</b>

#### **Safety information**

Insulation class	<b>Třída I</b>
Safety instructions	<b>www.nbb.cz</b>
Protection class	<b>Ochranným vodičem</b>

#### **Energetic characteristics**

Lamp Power factor (PF)	<b>0,98</b>
Lamp efficacy	<b>125 lm/W</b>

#### **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 (LVD)**

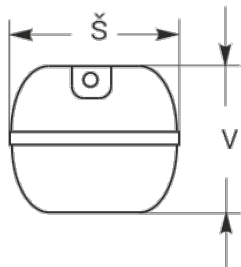
LED light sources ranks among electrotechnical products powered by mains 230-240V. For safety reasons, it is recommended that the assembly, connection or disassembly be carried out by a person with an appropriate electrotechnical qualification. When installing or disassembling, it is advisable to disconnect 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  $\pm 10\%$  as well as chromaticity deviation  $\pm 150K$  are in compliance with applicable standards and are not a reason for complaint.

### Popis

### Technical drawing



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