



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

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

## Product Data Sheet

LED svítidlo plastové

**GALAXY LED 230-240V  
18W/840 Ø338 mm IP44**

Order number

**252060030**

Unit EAN13 code

**8595209949936**



### General information

Dimmable	<b>Ne</b>
Energy efficiency class (canceled regulation!)	<b>A++</b>
Lamp type	<b>LED nevýměnné</b>
Type of luminaire	<b>Svítidlo s krytem</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>
Název položky	<b>GALAXY LED 230-240V 18W/840 Ø338 mm IP44</b>

### Electrical characteristics

Operating voltage (V)	<b>100 - 270 V</b>
Nominal current	<b>171 mA</b>
Lamp power	<b>18 W</b>
Circuit	<b>Paralelně-kompenzační</b>
Power	<b>12 W</b>
Voltage type	<b>AC/DC</b>
Frequency	<b>50 - 60 Hz</b>

### Working conditions

Suitable for through-wiring	<b>Ano</b>
Ambient temperature	<b>-20/+40 °C</b>
Fire resistance "F"	<b>Ano</b>
Fit for monitor workplace	<b>Ano</b>

### Physical characteristics

Outer diameter	338 mm
Reflector	Bílý
Colour housing	Bílá
Weight netto	532 g
Height/depth (mm)	97 mm
Material housing	Ocelový plech
Colour cover	Bílá
Material cover	Opálový plast
Impact strength	IK05

### EuP Parameters

Number of maximal switching cycles	>100 000
Rated service life	25000 h
Equivalent linear fluorescent	18 W
Equivalent compact fluorescent lamps	30 W
GLS replacement	120 W

### Additional information

Note	24 - 7
With lamp	Ano

### Lighting characteristics

Light Colour	chladná bílá
Wavelength range	400 - 780 nm
Dominant wavelength	578 nm
Luminous flux	1890 lm
Colour temperature	4000 K
Colour rendering index CRI	84 Ra
Colour of light	840
Anti-glare limiting UGR lengthwise	20
Anti-glare limiting UGR crosswise	20
Direct-/indirect proportion separately controllable	Ano
Light outlet	Přímé
Light sharing	Symetrické
Colour temperature	3800 - 4200 K
Effective luminous flux	1890 lm
Chromaticity coordinates x	0,375
Chromaticity coordinates y	0,374

### Safety information

Protection class	Ochranným vodičem
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### Energetic characteristics

Lamp Power factor (PF)	0,7
Lamp efficacy	109 lm/W

### 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.

## **Popis**

## **Technical drawing**



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