



## Product Data Sheet

Závěsné svítidlo

**GLADE-HB LED 240V 50W**  
**/ 840 IP65 black**  
**Ø305x300mm DIMM**



Order number

**912514130**

Unit EAN13 code

**4711605051583**

### General information

Model/Description	<b>Designové LED svítidlo</b>
Brand/Manufacturer	<b>NBB</b>
Nominal service life (h)	<b>30000 h</b>
Degree of protection (IP)	<b>IP65</b>
Dimmable	<b>Ano</b>
Suitable for suspended mounting	<b>Ano</b>
Lamp type	<b>LED</b>
Nominal voltage (V)	<b>230 - 240 V</b>
Degree of protection (IP)	<b>IP65</b>
Suitable for number of lamps	<b>1</b>
Control gear included	<b>Ne</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>GLADE-HB LED 240V 50W/840 IP65 černé Ø305x300mm DIMM</b>

### Electrical characteristics

Nominal wattage	<b>50 W</b>
Rated power (W)	<b>50 W</b>
Operating voltage (V)	<b>100 - 240 V</b>
Type of Voltage	<b>AC</b>
Lowest permitted operating voltage (V)	<b>100 V</b>
Nominal current	<b>230 mA</b>
Lamp power	<b>30 W</b>
Circuit	<b>Paralelně-kompenzační</b>
Voltage type	<b>AC</b>
Nominal current (A)	<b>0,230 A</b>

Total power (W) (light fitting)	50 W
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### Working conditions

Integrated driver	Ano
Operating frequency	50 - 60 Hz
Light source is part of the fixture	Ano
Burning position	Vertikální
Suitable for domestic use.	Ano
Installation height (m)	2 - 4 m
Application	Všeobecné osvětlování
Suitable for through-wiring	Ne
Type of control gear	Stmívatelný 1-10V
Ambient temperature	-20/+40° °C
Suitable for light line configuration	Ne
Suitable for emergency lighting	Ne
Fire resistance "D"	Ano
Suspension supplied with the product	Ano
Fit for monitor workplace	Ano
Type of dimming	1-10 V
Emergency unit integrated	Ano
Filament test according to IEC 60695-2-10	850 °C - 5 s

### Physical characteristics

Type of chip	PHILIPS LUXEON
Dimensions (mm)	Ø305 x 300 mm
Packing method	1 - 4
Weight gross	2200 g
Width	305 mm
Outer diameter	305 mm
Reflector	Bílý
Height	300 mm
Colour housing	černá
Weight netto	2,1 g
Length	300 mm
Material housing	Aluminium
RAL-number (akin)	9023
Material cover	Opálový/Matný plast
Pendant length	1300 mm
Impact strength	IK10
Type of surface	Matný
Number of LEDs	1

### EuP Parameters

Average Lifetime B50 (h)	30000 h
Luminescence Life maintenance factor	80,0 %
Factor of functional reliability (LSF) after nom. life	50,0 %
Time to 60 % luminous flux	0,3 s

Number of maximal switching cycles	>30000
The rate of premature failures	<1 %
Colour difference	90,0 %
Rated service life	30000 h
Energy consumption (AGGR)	50 kWh/1000h
Turn-on time	<0,3 s

#### Additional information

With lamp	Ano
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#### Lighting characteristics

Color rendering	2A
Light Colour	chladná bílá
Wavelength range	400 - 700 nm
Dominant wavelength	451 nm
Luminous flux	4020 lm
Colour temperature	4000 K
Colour rendering index CRI	80 Ra
Colour of light	840
Anti-glare limiting UGR lengthwise	15
Anti-glare limiting UGR crosswise	15
Direct-/indirect proportion separately controllable	Ano
Light outlet	Přímé
Light sharing	Symetrické
Colour temperature	4000 - 4200 K
Effective luminous flux	4020 lm
Chromaticity coordinates x	0,320
Chromaticity coordinates y	0,350

#### Safety information

Insulation class	Třída I
Safety instructions	www.nbb.cz
Protection class	Ochranným vodičem

#### Energetic characteristics

Lamp Power factor (PF)	0,94
Rated efficiency after 100h	99,99 %
Lamp efficacy	80,0 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.

**Popis**

50W IP65 LED luminaire with matt magnifying glass. Timeless design , Ra > 80, suitable for interiors.

**NBB Bohemia s.r.o., Sídliště 693, 407 22 Benešov nad Ploučnicí**  
<https://www.nbb.cz/en/> | [hotmail@nbb.cz](mailto:hotmail@nbb.cz)

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