



NBB Bohemia s.r.o.

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

Product Data Sheet

LED svítidlo vestavné

GLADE-DLV LED
downlight 230-240V 18W
5700K IP54 Ø208x20mm



Order number

253425010

Unit EAN13 code

8595209972699

General information

Model/Description	Designové LED svítidlo
Brand/Manufacturer	NBB
Nominal service life (h)	30000 h
Degree of protection (IP)	IP54
Dimmable	Ne
Built-in depth	20 mm
With light sensor	Ne
Suitable for suspended mounting	Ne
Lamp type	LED
Type of luminaire	Panelové svítidlo
Electrical connection with connector system	Ano
Nominal voltage (V)	220 - 240 V
Degree of protection (IP)	IP54
Suitable for number of lamps	1
Suitable for wall mounting	Ne
Suitable for built-in mounting	Ano
Suitable for ceiling mounting	Ano
Dimmable by conventional dimmers	Ne
Název položky	GLADE-DLV LED downlight 230-240V 18W 5700K IP54 Ø208x20mm

Electrical characteristics

Nominal wattage	18 W
Rated power (W)	18 W
Operating voltage (V)	100 - 240 V
Type of Voltage	AC

Lowest permitted operating voltage (V)	100 V
Nominal current	57 mA
Lamp power	18 W
Circuit	Paralelně-kompenzační
Voltage type	AC
Nominal current (A)	0,057 A
System power	18 W

Working conditions

Integrated driver	Ne
Light source is part of the fixture	Ano
Burning position	Horizontální
Application	Všeobecné osvětlování
Suitable for through-wiring	Ne
With movement sensor	Ne
Suitable for frequent switching	Ano
Ambient temperature	-20/+40 °C
Suitable for light line configuration	Ne
Suitable for emergency lighting	Ne
Suitable for wall build in	Ne
Filament test according to IEC 695-2-1	850 °C - 5 s
Fire resistance "D"	Ano
Fit for monitor workplace	Ano
Type of dimming	Ostatní

Physical characteristics

Dimensions (mm)	Ø208x20 mm
Packing method	1
Weight gross	650 g
Outer diameter	208 mm
Reflector	Ostatní
Colour housing	Bílá
Weight netto	620 g
Ball-proof	Ne
Height/depth (mm)	20 mm
Material housing	Aluminium
Colour cover	Bílá
Material cover	Opálový plast
Impact strength	IK08
Type of surface	Matný
Swivelling model	Ne
Adjustability	Nenastavitelné

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	50000
The rate of premature failures	<1 %
Colour difference	90,0 %
Rated service life	30000 h
Energy consumption (AGGR)	18 kWh/1000h
Turn-on time	<0,3 s

Additional information

With lamp	Ano
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Lighting characteristics

Color rendering	1B
Light Colour	chladná bílá
Wavelength range	360 - 760 nm
Dominant wavelength	595 nm
Luminous flux	1380 lm
Colour temperature	5700 K
Colour rendering index CRI	82 Ra
Colour of light	857
Anti-glare limiting UGR lengthwise	19
Anti-glare limiting UGR crosswise	19
Colour controllable (RGB)	Ne
Colour temperature controllable	Ne
Light outlet	Přímé
Light sharing	Symetrické
Colour temperature	5700 K
Effective luminous flux	1380 lm

Safety information

Insulation class	Třída II
Safety instructions	www.nbb.cz
Protection class	Dvojitou izolací

Energetic characteristics

Lamp Power factor (PF)	>0,85
Rated efficiency after 100h	99,99 %
Lamp efficacy	76,7 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).

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

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