NBB Bohemia s.r.o.
Výroba a prodej osvětlovací techniky, Sídliště 693, 407 22 Benešov nad Ploučnicí

Product Data Sheet

led panel vestavný kulatý 12W/840 bílé

RIKI-V LED 230-240V 12W/840 WHITE Ø175mm IP40

Order number
253400001

Unit EAN13 code
8595209935137

General information

Finish	**LED panel vestavný kulatý**
Brand/Manufacturer	**NBB**
Material	**Aluminium**
Lamp type	**LED**
Nominal service life (h)	**25000 h**
Dimmable	**Ne**
Built-in depth	**40 mm**
With light sensor	**Ne**
Suitable for suspended mounting	**Ne**
Lamp type	**LED**
Type of luminaire	**Vestavné**
Nominal voltage (V)	**230 - 240 V**
Degree of protection (IP)	**IP40**
Suitable for number of lamps	**1**
Suitable for wall mounting	**Ne**
Suitable for built-in mounting	**Ano**
Suitable for surface mounting	**Ne**
Suitable for ceiling mounting	**Ano**
Dimmable by conventional dimmers	**Ne**
Název položky	**RIKI-V LED 230-240V 12W/840 bílé, Ø175mm IP40**

Electrical characteristics

Nominal wattage	**12 W**
Rated power (W)	**12,0 W**
Operating voltage (V)	**85 - 265 V**

Endurance	**270 V**
Type of Voltage	**AC**
Lowest permitted operating voltage (V)	**100 V**
Nominal current	**73 mA**
Lamp power	**12 W**
Voltage type	**AC**
Nominal current (A)	**0,073 A**
System power	**12,0 W**
Elektrické parametry předřadníku	**50 - 60**

Working conditions

Average lifetime of the ballast (h)	**25000 h**
Integrated driver	**Ne**
Maximum permitted storage temperature	**80 °C**
Type of cooler	**Aluminium**
Burning position	**Libovolná**
Application	**Všeobecné osvětlování**
With movement sensor	**Ne**
Suitable for frequent switching	**Ano**
Ambient temperature	**-20/+45 °C**
Fire resistance "D"	**Ano**
Fit for monitor workplace	**Ano**
Type of dimming	**Ostatní**
Emergency unit integrated	**Ne**
Driver included	**Ano**

Mounting methods/application

Dimensions of installation hole	**155 mm**
Mounting method	**Vestavná**

Physical characteristics

Type of chip	**Epistar**
Dimensions (mm)	**Ø175 x 13 mm**
Packing method	**20 - 1**
Outer diameter	**175 mm**
Colour housing	**Bílá**
Weight netto	**350 g**
Built-in diameter	**155 mm**
Height/depth (mm)	**13 mm**
Material housing	**Aluminium**
Material cover	**Opálový/Matný plast**
Impact strength	**IK06**
Type of surface	**Matný**
Number of LEDs	**60**
Adjustability	**Pevné nenastavitelné**

EuP Parameters

Average Lifetime B50 (h)	**25000 h**

Luminescence Life maintenance factor	**70,0 %**
Factor of functional reliability (LSF) after nom. life	**50,0 %**
Time to 60 % luminous flux	**0,25 s**
Number of maximal switching cycles	**>50000**
The rate of premature failures	**0,0 %**
Rated service life	**25000 h**
Energy consumption (AGGR)	**13,2 kWh/1000h**
Turn-on time	**<0,3 s**

Additional information

Note	**24 - 7**
With lamp	**Ano**

Lighting characteristics

Color rendering	**1B**
Light Colour	**chladná bílá**
Wavelength range	**400 - 700 nm**
Dominant wavelength	**595 nm**
Luminous flux	**800 lm**
Colour temperature	**4000 K**
Colour rendering index CRI	**80 Ra**
Colour of light	**840**
Light outlet	**Přímé**
Light sharing	**Symetrické**
Radiation angle	**Extrémně široký úhel >80°**
Colour temperature	**4000 - 4200 K**
Effective luminous flux	**900 lm**
Colour	**Bílá**
Beam angle Degrees (°)	**120 °**
Chromaticity coordinates x	**0,3966**
Chromaticity coordinates y	**0,3939**

Safety information

Safety instructions	**www.nbb.cz**
Protection class	**Dvojitou izolací**

Environmental characteristics

Mercury content	**0,00 mg**

Energetic characteristics

Lamp Power factor (PF)	**0,66**
Rated efficiency after 100h	**99,9 %**
Lamp efficacy	**81,66 lm/W**

Notice

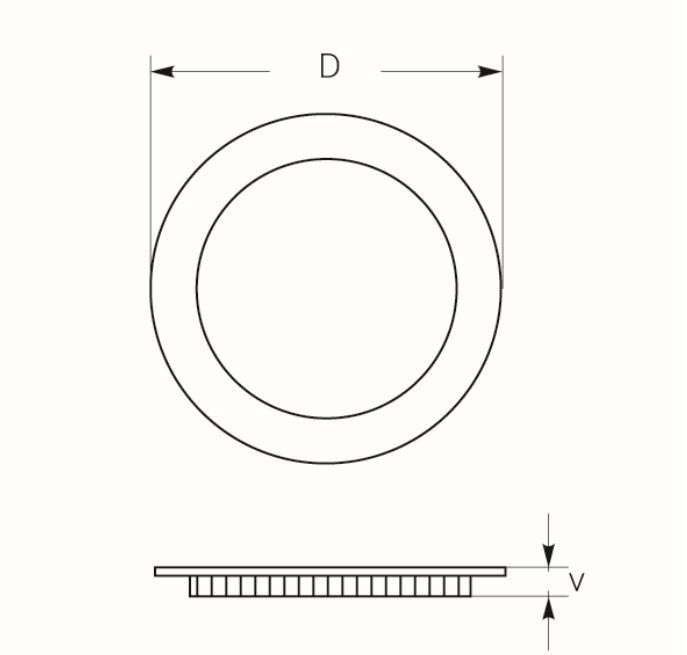
Under the scope of Act 185/2001 Coll. as amended, this product is included in waste group 5 (light sources and luminaires). In view of the harmful effects of mercury on the environment and on human health, the creators of group 5 waste (consumers) are obliged to dispose of used light sources for recycling. 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).

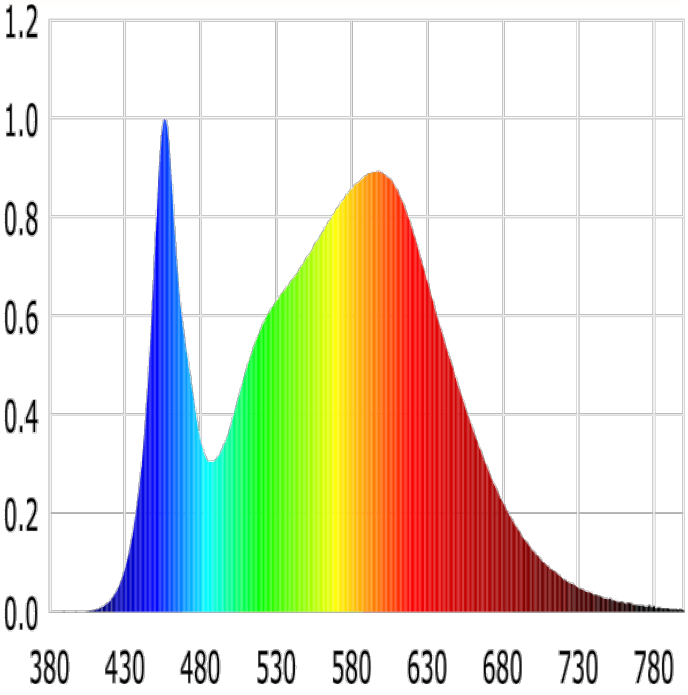
Notice

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

Technical drawing





NBB Bohemia s.r.o., Sídliště 693, 407 22 Benešov nad Ploučnicí
https://www.nbb.cz/en/ | hotmail@nbb.cz