



NBB Bohemia s.r.o.

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



Product Data Sheet

led panel vestavný kulatý 24W/840 bílé

**RIKI-V LED 230-240V
24W/840 WHITE
Ø300mm IP40**



Order number

253400013

Unit EAN13 code

8595209942098

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 |
| Control gear included | Ano |
| Suitable for surface mounting | Ne |
| Suitable for ceiling mounting | Ano |
| Dimmable by conventional dimmers | Ne |
| Název položky | RIKI-V LED 230-240V 24W/840 bílé, Ø300mm IP40 |

Electrical characteristics

| | |
|-----------------|---------------|
| Nominal wattage | 24 W |
| Rated power (W) | 24,0 W |

| | |
|--|------------|
| Operating voltage (V) | 85 - 265 V |
| Endurance | 270 V |
| Type of Voltage | AC |
| Lowest permitted operating voltage (V) | 100 V |
| Nominal current | 144 mA |
| Lamp power | 24 W |
| Voltage type | AC |
| Nominal current (A) | 0,144 A |
| System power | 24 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 |
| Burning position | Libovolná |
| Application | Všeobecné osvětlování |
| With movement sensor | Ne |
| Suitable for frequent switching | Ano |
| Ambient temperature | -20/+45 °C |
| Fire resistance "D" | Ano |
| Type of dimming | Ostatní |
| Emergency unit integrated | Ne |
| Driver included | Ano |

Mounting methods/application

| | |
|-----------------|----------|
| Mounting method | Vestavná |
|-----------------|----------|

Physical characteristics

| | |
|-------------------|----------------------|
| Type of chip | Epistar |
| Dimensions (mm) | Ø300 x 15 mm |
| Packing method | 10 - 1 |
| Outer diameter | 300 mm |
| Colour housing | Bílá |
| Weight netto | 810 g |
| Built-in diameter | 280 mm |
| Height/depth (mm) | 13 mm |
| Material housing | Aluminium |
| Material cover | Opálový/Matný plast |
| Impact strength | IK06 |
| Type of surface | Matný |
| Number of LEDs | 90 |
| 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) | 26,40 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 | 2000 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 | 1900 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) | 0,71 |
| Rated efficiency after 100h | 99,9 % |
| Lamp efficacy | 83,3 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

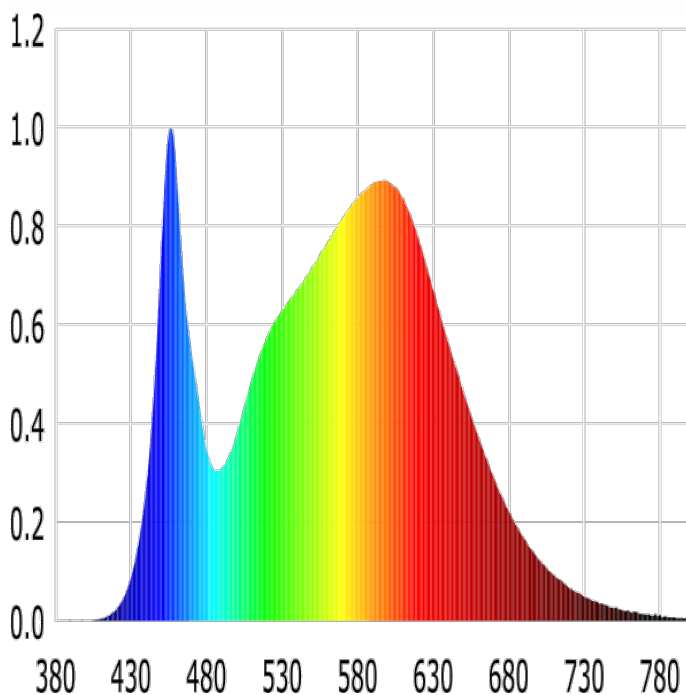
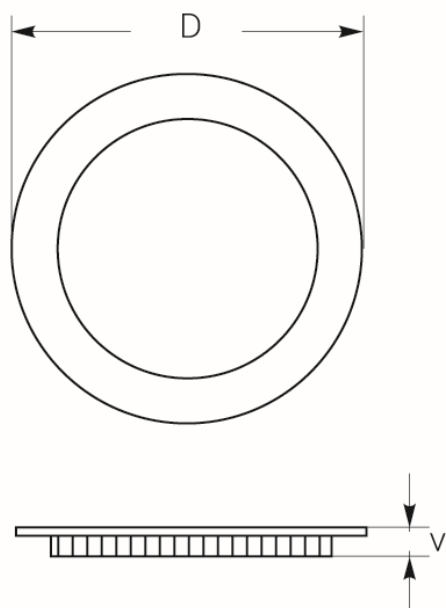
view of the harmful effects of mercury on the environment and on human health, the creators of group 5 waste (consumers) are obliged to dispose of used light sources for recycling. Do not throw this product into mixed waste after use. Take it to the nearest store, collection yard, or other designated 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 $\pm 10\%$ 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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