



NBB Bohemia s.r.o.

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



Product Data Sheet

led panel vestavný čtvercový 8W

LED PANEL ATLANTA
RGB 24V DC 8W
□295/295/9mm IP44



Order number

253400100

Unit EAN13 code

8595209924148

General information

Model/Description	Podhledová panelová svítidla
Finish	LED panel vestavný čtvercový
Brand/Manufacturer	NBB
Material	Aluminium
Lamp type	LED
Nominal service life (h)	35000 h
Degree of protection (IP)	IP44
Dimmable	Ano
Built-in depth	40 mm
With light sensor	Ne
Suitable for suspended mounting	Ne
Lamp type	LED
Nominal voltage (V)	24 V
Degree of protection (IP)	IP44
Suitable for number of lamps	1
Suitable for wall mounting	Ano
Suitable for built-in mounting	Ano
Control gear included	Ne
Suitable for surface mounting	Ne
Suitable for ceiling mounting	Ano
Dimmable by conventional dimmers	Ne
Název položky	295

Electrical characteristics

Nominal wattage	8 W
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Rated power (W)	8,0 W
Operating voltage (V)	24 V
Type of Voltage	DC
Lowest permitted operating voltage (V)	22 V
Direct connection to the mains	Ne
Lamp power	8 W
Voltage type	DC
Suitable for lamp power	8 W
Nominal current (A)	0,33 A
System power	8,8 W
Elektrické parametry předřadníku	DC/8W/0,33A
Jmenovité napětí	24 V

Working conditions

Average lifetime of the ballast (h)	35000 h
Integrated driver	Ne
Dimmable range	0 - 100 %
Ambiente temperature for max. luminous flux	25 °C
Maximum permitted storage temperature	80 °C
Type of cooler	aluminium
Burning position	Libovolná
Application	Dekorativní osvětlování
With movement sensor	Ne
Suitable for frequent switching	Ano
Ambient temperature	-20/+45 °C
Applicable with movement sensor	Ano
Fire resistance "D"	Ano
Fit for monitor workplace	Ano
Type of dimming	1-10 V
Emergency unit integrated	Ne
Driver included	Ne

Mounting methods/application

Mounting method	Vestavná montáž
Dimensions of installation hole	300 x 300 mm
Mounting method	Vestavná

Physical characteristics

Type of chip	Epistar
Dimensions (mm)	295 x 295 x 9 mm
Packing method	1
Width	295 mm
Colour housing	Stříbrná
Weight netto	950 g
Built-in width	300 mm
Length	295 mm
Height/depth (mm)	9 mm
Material housing	Aluminium

Built-in length	300 mm
Material cover	Opálový/Matný plast
Impact strength	IK06
Type of surface	Matný
Number of LEDs	42
Adjustability	Pevné nenastavitelné

EuP Parameters

Average Lifetime B50 (h)	35000 h
Luminescence Life maintenance factor	80 %
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	<0,1 %
Rated service life	35000 h
Energy consumption (AGGR)	8,8 kWh/1000h
Turn-on time	<0,3 s
GLS replacement	55 W

Additional information

With lamp	Ano
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Lighting characteristics

Color rendering	1B
Light Colour	RGB
Wavelength range	400 - 700 nm
Luminous flux	720 lm
Colour of light	840
Light outlet	Přímé
Light sharing	Symetrické
Radiation angle	Extrémně široký úhel >80°
Effective luminous flux	720 lm
Colour	RGB
Beam angle Degrees (°)	120 °

Safety information

Insulation class	Třída II
Safety instructions	www.nbb.cz
Protection class	Bezpečným napětím

Environmental characteristics

Mercury content	0,00 mg
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Energetic characteristics

Lamp Power factor (PF)	>0.9
Rated efficiency after 100h	99,9 %
Lamp efficacy	90 lm/W

Exclusion of liability

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Notice

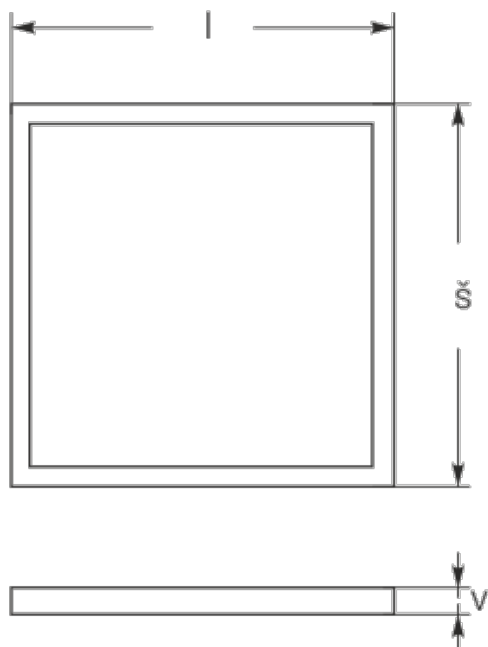
Under the scope of Act 185/2001 Coll. as amended, this product is included in waste group 5 (light sources and luminaires). In view of the harmful effects of mercury on the environment and on human health, the creators of group 5 waste (consumers) are obliged to dispose of used light sources for recycling.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

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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