



Product Data Sheet

LED reflektor IP68

**LED POOL 24V/18W AC
SPOT 6500K IP68 (SC-
G102A)**



Order number

253900000

Unit EAN13 code

8595209902528

General information

Model/Description	Reflektorové svítidlo
Finish	Jezírkové
Brand/Manufacturer	NBB
Material	Stainless 304/Nerez
Nominal service life (h)	50000 h
Degree of protection (IP)	IP68
Nominal voltage (V)	24 V
With light sensor	Ne
Suitable for suspended mounting	Ne
Lamp type	LED
Nominal voltage (V)	24 V
Degree of protection (IP)	IP68
Suitable for number of lamps	1
Suitable for wall mounting	Ano
Control gear included	Ne
Dimmable by conventional dimmers	Ne
Název položky	LED POOL 24V/18W AC SPOT 6500K IP68 (SC-G102A)

Electrical characteristics

Nominal wattage	18 W
Rated power (W)	17,5 W
Operating voltage (V)	24 V
Type of Voltage	AC
Voltage type	DC
Nominal current (A)	0,75 A

System power	18 W
Total power (W) (light fitting)	17,0 W

Working conditions

Ambiente temperature for max. luminous flux	5 °C
Max. hloubka pod vodou EN	1 m
Burning position	Libovolná
Suitable for domestic use.	Ne
Application	Osvětlení jezírek
Suitable for through-wiring	Ne
With movement sensor	Ne
Suitable for frequent switching	Ano
Ambient temperature	-25/+30 °C
Fire resistance "D"	Ano

Mounting methods/application

Mounting method	Přisazená
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Physical characteristics

Type of chip	SMD
Dimensions (mm)	Ø188 x 147 mm
Packing method	1
Weight gross	2150 g
Spacing of fixing holes	160 mm
Outer diameter	188 mm
Reflector	Ostatní
Colour housing	Nerezová ocel
Weight netto	2020 g
Length	90 mm
Height/depth (mm)	90 mm
Material housing	Nerezová ocel
Impact strength	IK10
Type of surface	Lesklý
Number of LEDs	18
Adjustability	Horizontálně i vertikálně

EuP Parameters

Average Lifetime B50 (h)	50000 h
Luminescence Life maintenance factor	70,0 %
Factor of functional reliability (LSF) after nom. life	50,0 %
Number of maximal switching cycles	>100000
The rate of premature failures	<1 %
Rated service life	50000 h
Energy consumption (AGGR)	18,7 kWh/1000h

Additional information

Note	S přívodním kabelem 0,5 m
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With lamp

Ano

Lighting characteristics

Color rendering	1B
Light Colour	denní bílá
Dominant wavelength	445 nm
Luminous flux	1620 lm
Colour temperature	6500 K
Colour rendering index CRI	72 Ra
Colour of light	765
Light sharing	Symetrické
Radiation angle	Úzký úhel
Colour temperature	6000 - 6500 K
Effective luminous flux	1620 lm
Colour	Bílá
Beam angle Degrees (°)	30 °
Chromaticity coordinates x	0,309
Chromaticity coordinates y	0,318

Safety information

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

Environmental characteristics

Mercury content	0,00 mg
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Energetic characteristics

Lamp efficacy	92,57 lm/W
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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

