



NBB Bohemia s.r.o.

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

Product Data Sheet

Kompaktní zářivka AQUA

PL-S 11W Aquarium Actinic 03 G23

Order number

221015000

Unit EAN13 code

8595209920911



General information

Model/Description	Kompaktní zářivky speciální
Finish	Single
Brand/Manufacturer	NBB
Nominal service life (h)	10000 h
Colour	Modrá
Socket	G23 (2-pins)
Dimmable	Ne
Energy efficiency class (canceled regulation!)	A
Amalgam technology	Ne
Nominal voltage (V)	91 V
Dimmable by conventional dimmers	Ne
Název položky	LD 11W/ACTINIC BLUE 03 G23

Electrical characteristics

Nominal wattage	11 W
Rated power (W)	11,0 W
Operating voltage (V)	91 V
Type of Voltage	AC
Direct connection to the mains	Ne
Lamp power	11 W
Ignitor	SINGLE Glow starter
Nominal current (A)	0,12 A

Working conditions

Operating frequency	50 - 60 Hz
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Burning position	Libovolná
Suitable for domestic use.	Ne
Application	Pro mořská akvária
Integrated starter	Ano
Suitable for electronic ballast	Ano
Ambient temperature	25 - 35 °C
Number of lighting tubes	2
Special application	Mořská akvária

Physical characteristics

Dimensions (mm)	30mm x 18mm x 238 mm
Packing method	50 - 1
Weight gross	70 g
Weight netto	50 g
Total lenght	238 mm
Diameter	18 mm

EuP Parameters

Average Lifetime B50 (h)	10000 h
Luminescence Life maintenance factor	50,0 %
Number of maximal switching cycles	>20.000
The rate of premature failures	<1 %
Rated service life	10000 h
Energy consumption (AGGR)	11 kWh/1000h

Lighting characteristics

Type of spectrum	Třípásmové
Color rendering	1B
Light Colour	Actinic Blue03
Wavelength range	200 - 600 nm
Dominant wavelength	418,4 nm
Luminous flux	500 lm
Colour rendering index CRI	40 Ra
Chromaticity coordinates x	0,177
Chromaticity coordinates y	0,053

Radiation in the UV range

UVA radiation	0,951 µW/cm2 mW/klm
UVB radiation	0,000 µW/cm2 mW/klm
UVC radiation	0,001 µW/cm2 mW/klm
UVC radiation	0,000 µW/cm2 mW/klm

Safety information

Safety instructions	www.nbb.cz
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Environmental characteristics

Mercury content	3,5 mg
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Energetic characteristics

Lamp Power factor (PF)	0,837
Rated efficiency after 100h	99,99 %

Lamp survival factor (LSF)

LSF after 2.000 hrs	98,2 %
LSF after 4.000 hrs	96,3 %
LSF after 6.000 hrs	87,0 %
LSF after 8.000 hrs	50,0 %
LSF after 10.000 hrs	50,0 %

Lamp lumen maintenance factor (LLMF)

LLMF after 2.000 hrs	85,0 %
LLMF after 4.000 hrs	78,0 %
LLMF after 6.000 hrs	75,0 %
LLMF after 8.000 hrs	73,0 %
LLMF after 10.000 hrs	70,0 %

Exclusion of liability

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Safety instructions

When replacing a fluorescent tube, first disconnect the luminaire from the electrical current supply. First remove the fluorescent lamp from the fixture and then install a new one. Take care to ensure that the product is not broken. Install the new fluorescent lamp by gently inserting it and turning it into the sides of the luminaire to any side. Only use the product in the luminaires designed for this type of light source. The manufacturer can not be held responsible for damages resulting from inappropriate connection, connection to an unsuitable distribution system, or damage resulting from the use of an unsuitable light source. Observe the operating values on the product. Do not expose the product to inappropriate weathering or high temperatures unless it is expressly stated that the product is intended to be operated under these conditions. When installing, wiring or disassembling, follow the generally accepted safety precautions. After installing a new fluorescent lamp, close the enclosure with original covers - to prevent possible electric shock. Only then connect the luminaire to the electrical circuit.

Popis

Fluorescent lamp with blue spectrum for freshwater and marine aquariums. This lamp has positive effect on coral growth.

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