

Kompaktní zářivka

PL-S 11W Aquarium 20000K White G23

Order Number
221014000

EAN13
8595209920904

ILCOS
FSD-11/200/1B-I-G23



General information

Product description:	LD 11W/20K OEANIC NATURAL DAYLIGHT
Model/Description:	Kompaktní zářivka
Finish:	Dvoupinová
Brand/Manufacturer:	NBB
Nominal service life:	10.000 h.

Electrical characteristics

Nominal wattage:	11 W
Rated power:	10,8 W
Operating voltage:	91 V
Type of Voltage:	AC
Type of glowstarter:	SINGLE Glow starter
Lamp operating current:	150 mA
Direct connection to the mains:	Ne

Physical characteristics

Cap:	G23
Dimensions:	30 x 18 x 238 mm
Packing method:	50/1
Weight net:	50 g
Weight gross:	70 g

EuP Parameters

Rated service life:	10.000 h.
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Average Lifetime B50:	10.000 h.
Energy consumption (AGGR) kWh / 1.000 h:	13,81
Luminescence Life maintenance factor :	50,0 %
Number of maximal switching cycles:	> 20.000 warm start

Working conditions

Operating frequency:	50/60 Hz
Dimmable by conventional dimmers:	ne
Dimmable:	Ne
Operating ambiente temperature - Ta °C:	25°C
Burning position:	Universal
Method of use:	Pro mořská a sladkovodní akvária

Lighting characteristics

Lum. flux after 100 hrs. oper.:	520 lm
Nom. lum. flux:	520 lm
CCT:	20.000 K
Correlated colour temperature CCT (EM):	18.470 K
Type of spectrum:	Třípásmové
Color rendering:	1B
Colour Code:	20k
Light Colour:	Narural daylight
Wavelength range (nm):	380-780 nm
Dominant wavelength:	545 nm
Chromaticity coordinates x:	0,268
Chromaticity coordinates y:	0,277
Colour rendering index CRI:	81 Ra8

Radiation in the UV range

UVA radiation:	0,085 µW/cm2
UVB radiation:	0,000 µW/cm2
UVC radiation:	0,000 µW/cm2
UVC radiation:	0,000 µW/cm2

Environmental characteristics

Maximum mercury content (mg):	1,4 mg
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Energetic characteristics

Lamp power factor:	0,843
Rated efficiency after 100h.:	99,99%
Lamp efficacy (lm/W):	47,27

Lamp survival factor (LSF)

LSF after 2.000 hrs:	98,2 %
LSF after 4.000 hrs:	96,3 %
LSF after 6.000 hrs:	91,3 %
LSF after 8.000 hrs:	87,0 %
LSF after 10.000 hrs:	50,0 %

Lamp lumen maintenance factor

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 %

EuP regulations

Product is subject to EUP regulation:	Ano
Indication of regulation:	EC/245/2009
Reason for exception:	Příloha 1, písm. a, c,
The rate of premature failures:	<1%

Mounting methods

Suitable for domestic use.:	ano
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Safety information

Safety instructions:	www.nbb.cz
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Description

Series of fluorescent tubes with special colour spectrums. The series includes types like Aquarium Colour, Actinic Blue 03 and Oceanic Natural Daylight. These tubes are mostly designed to illuminate aquatic fauna in freshwater and marine aquariums, some types are also suitable for illumination of the marine corals.

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