



Product Data Sheet

Metal-halogenidová výbojka

MT-T 70W/965 UVS G8.5
EYE® clear



Order number

741112005

Unit EAN13 code

4530118047094

General information

Model/Description	Vysokotlaká keramická metalhalogenidová výbojka
Finish	Jednopaticová
Brand/Manufacturer	EYE IWASAKI
Bulb finish	clear
Material	Hard glass/tvrzené sklo baňky
Lamp type	Keramická/Ceramic
Nominal service life (h)	6000 h
Model	Čirá
Socket	G8.5
Dimmable	Ano
Energy efficiency class (canceled regulation!)	A
Lamp voltage	85 - 90 V
Dimmable by conventional dimmers	Ne
Název položky	MT-T 70W/965 UVS G8.5 EYE® clear

Electrical characteristics

Nominal wattage	70 W
Rated power (W)	70,0 W
Compatible ballast	Metalhalogenide 70W
Operating voltage (V)	90 V
Type of Voltage	AC
Pulse height	>3,5 kV kV
Lamp operating current	0,8 A
Direct connection to the mains	Ne
Lamp power	70 W

Nominal current (A)	1,00 A
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Working conditions

Ambiente temperature for max. luminous flux	max 180s/25°C °C
Hot restart	Ne
Bulb temperature (max.)	500 °C
Cap temperature (max.)	300 °C
Burning position	Libovolná
Application	Všeobecné osvětlování
Burning position	Libovolná
External ignitor required	Ano
External ballast required	Ano
Material discharge tube	Keramický
Closed luminaire required	Ano

Mounting methods/application

Mounting method	Uzavřená svítidla
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Physical characteristics

Light centre length (mm)	56 mm
Dimensions (mm)	Ø19 x 85 mm
Packing method	24 - 1
Weight gross	38 g
Weight netto	30 g
Total lenght	85 mm
Diameter	19 mm
Splitter protection	Ano
Lamp shape	Jednopaticová válcová
Coated	Ne

EuP Parameters

Average Lifetime B50 (h)	6000 h
The rate of premature failures	<1 %
Rated service life	12000 h
Energy consumption (AGGR)	77 kWh/1000h
Turn-on time	max 30 s

Lighting characteristics

Lenght of arc	4,8 mm
Type of spectrum	Plné/Full spectrum
Color rendering	1A
Light Colour	neutrální bílá
Dominant wavelength	412 nm
Luminous flux	5000 lm
Colour temperature	6500 K
Colour rendering index CRI	92 Ra
Sun tanning lamp	Ne

Colour of light	965
Colour of light acc. EN 12464-1	Cool >5300 K
Chromaticity coordinates x	0,350
Chromaticity coordinates y	0,330

Radiation in the UV range

UV protect	Ano
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Safety information

Safety instructions	www.nbb.cz
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Environmental characteristics

Maximum mercury content (mg)	max 4,00 mg
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Energetic characteristics

Rated efficiency after 100h	99,9 %
Lamp efficacy	71,42 lm/W

Lamp survival factor (LSF)

LSF after 2.000 hrs	98 %
LSF after 4.000 hrs	98 %
LSF after 5.000 hrs	95 %
LSF after 6.000 hrs	95 %
LSF after 8.000 hrs	87 %
LSF after 9.000 hrs	80 %
LSF after 10.000 hrs	80 %
LSF after 12.000 hrs	70 %
LSF after 15.000 hrs	75 %
LSF after 16.000 hrs	60 %
LSF after 20.000 hrs	50 %

Lamp lumen maintenance factor (LLMF)

LLMF after 2.000 hrs	98 %
LLMF after 4.000 hrs	92 %
LLMF after 5.000 hrs	95 %
LLMF after 6.000 hrs	88 %
LLMF after 8.000 hrs	85 %
LLMF after 10.000 hrs	50 %
LLMF after 12.000 hrs	83 %
LLMF after 16.000 hrs	80 %
LLMF after 20.000 hrs	75 %

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