



## Product Data Sheet

Metal-halogenidová výbojka

# JCL-T 70W/942 UVS G12 JENBO

Order number

**741112000**

Unit EAN13 code

**8595209912848**


### General information

Model/Description	<b>Vysokotlaká výbojka</b>
Finish	<b>Keramická</b>
Brand/Manufacturer	<b>JENBO</b>
Bulb finish	<b>clear</b>
Material	<b>Hard Glass</b>
Nominal service life (h)	<b>15000 h</b>
Model	<b>Čirá</b>
Socket	<b>G12</b>
Dimmable	<b>Ano</b>
Energy efficiency class (canceled regulation!)	<b>A+</b>
Lamp voltage	<b>84 - 90 V</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>JCL-T 70W/942 UVS G12 JENBO®</b>

### Electrical characteristics

Nominal wattage	<b>70 W</b>
Rated power (W)	<b>72 W</b>
Compatible ballast	<b>JENBO JB35</b>
Operating voltage (V)	<b>84 - 90 V</b>
Type of Voltage	<b>AC</b>
Pulse height	<b>5 kV</b>
Lamp operating current	<b>0,8 A</b>
Direct connection to the mains	<b>Ne</b>
Lamp power	<b>70 W</b>
Nominal current (A)	<b>0,8 A</b>

Total power (W) (light fitting)	35 W
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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

Dimensions (mm)	Ø19 x 100 mm
Packing method	10 - 1
Weight gross	38 g
Weight netto	30 g
Total lenght	100 mm
Diameter	19 mm
Lamp shape	Jednopaticová válcová
Coated	Ne

### EuP Parameters

Average Lifetime B50 (h)	15000 h
The rate of premature failures	<1 %
Rated service life	15000 h
Energy consumption (AGGR)	79,2 kWh/1000h
Turn-on time	max 30 s
Φ 90°	7140 lm

### Lighting characteristics

Lenght of arc	4,8 mm
Color rendering	1A
Light Colour	neutrální bílá
Dominant wavelength	412 nm
Luminous flux	7140 lm
Colour temperature	4200 K
Colour rendering index CRI	91 Ra
Sun tanning lamp	Ne
Colour of light	942
Colour of light acc. EN 12464-1	Neutral 3300-5300 K

Chromaticity coordinates x	0,350
Chromaticity coordinates y	0,330
<b>Radiation in the UV range</b>	
UV protect	Ano
<b>Safety information</b>	
Safety instructions	<a href="http://www.nbb.cz">www.nbb.cz</a>
<b>Environmental characteristics</b>	
Maximum mercury content (mg)	max 4,00 mg
<b>Energetic characteristics</b>	
Rated efficiency after 100h	99,8 %
Lamp efficacy	102,0 lm/W
<b>Lamp survival factor (LSF)</b>	
LSF after 2.000 hrs	99,5 %
LSF after 4.000 hrs	75,0 %
LSF after 6.000 hrs	95 %
LSF after 8.000 hrs	90 %
LSF after 9.000 hrs	80 %
LSF after 10.000 hrs	60 %
LSF after 12.000 hrs	50 %
<b>Lamp lumen maintenance factor (LLMF)</b>	
LLMF after 2.000 hrs	80 %
LLMF after 4.000 hrs	60,0 %
LLMF after 5.000 hrs	60 %
LLMF after 6.000 hrs	50,0 %
LLMF after 10.000 hrs	50 %
LLMF after 12.000 hrs	40 %
<b>Exclusion of liability</b>	

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#### Popis

Ceramic metal-halide lamps, longlife 15.000 h, Ra 90+, UV-stop, 6.600 lm, monolith burner.

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