



## Product Data Sheet

Metal-halogenidová výbojka

# HLC-T 70W/642 NW G12

## UVS SUPER Pro®



Order number

**741026000**

Unit EAN13 code

**8595209924797**

### General information

Model/Description	Vysokotlaká výbojka
Finish	Křemíková/Quartz
Brand/Manufacturer	NBB
Bulb finish	clear
Nominal service life (h)	12000 h
Model	Čirá
Socket	G12
Dimmable	Ano
Energy efficiency class (canceled regulation!)	A
Lamp voltage	84 - 90 V
Dimmable by conventional dimmers	Ne
Název položky	HLC-T 70W/642 NW G12 UVS SUPER Pro®

### Electrical characteristics

Nominal wattage	70 W
Rated power (W)	70,0 W
Compatible ballast	JENBO JB35
Operating voltage (V)	84 V
Type of Voltage	AC
Pulse height	5 kV
Direct connection to the mains	Ne
Lamp power	70 W
Nominal current (A)	0,95 A

### 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	Křemíkový (Quartz)
Closed luminaire required	Ano

#### Mounting methods/application

Mounting method	Pro uzavřená svítidla
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#### Physical characteristics

Dimensions (mm)	Ø23 x 110 mm
Packing method	10 - 1
Weight gross	38 g
Weight netto	30 g
Total lenght	110 mm
Diameter	23 mm
Lamp shape	Jednopaticová válcová
Coated	Ne

#### EuP Parameters

Average Lifetime B50 (h)	12000 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
Color rendering	2B
Light Colour	neutrální bílá
Luminous flux	5600 lm
Colour temperature	4200 K
Colour rendering index CRI	65 Ra
Sun tanning lamp	Ne
Colour of light	642
Colour of light acc. EN 12464-1	Cool >5300 K
Chromaticity coordinates x	0,380
Chromaticity coordinates y	0,400

#### Radiation in the UV range

UV protect	Ano
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**Safety information**

Safety instructions

[www.nbb.cz](http://www.nbb.cz)**Environmental characteristics**

Maximum mercury content (mg)

**max 4,00 mg****Energetic characteristics**

Rated efficiency after 100h

**99,8 %**

Lamp efficacy

**80,0 lm/W****Lamp survival factor (LSF)**

LSF after 2.000 hrs

**99,5 %**

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 %****Lamp lumen maintenance factor (LLMF)**

LLMF after 2.000 hrs

**80 %**

LLMF after 5.000 hrs

**60 %**

LLMF after 10.000 hrs

**50 %**

LLMF after 12.000 hrs

**40 %****Exclusion of liability**

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**Popis**

Quartz metal-halide lamps, longlife 15.000 h, Ra 65+, UV-stop, 5.600 lm, 4200 K, only for enclosed fixture

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