



## Product Data Sheet

Metal-halogenidová výbojka

# HLC-T 150W/642 NW G12

## UVS SUPER Pro®



Order number

**741028000**

Unit EAN13 code

**8595209923639**

### 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 150W/642 NW G12 UVS SUPER Pro®
Třída energetické účinnosti podle 2019/2015	F

### Electrical characteristics

Nominal wattage	150 W
Rated power (W)	150 W
Compatible ballast	1,8
Operating voltage (V)	86 V
Type of Voltage	AC
Pulse height	5 kV
Direct connection to the mains	Ne
Lamp power	150 W
Nominal current (A)	1,80 A
Total power (W) (light fitting)	165 W

## 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
Luminescence Life maintenance factor	50,0 %
The rate of premature failures	<1 %
Rated service life	12000 h
Energy consumption (AGGR)	165 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	14000 lm
Colour temperature	4200 K
Colour rendering index CRI	65 Ra
Sun tanning lamp	Ne
Colour of light	640
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	<a href="http://www.nbb.cz">www.nbb.cz</a>
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## Environmental characteristics

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

Rated efficiency after 100h	99,8 %
Lamp efficacy	93,33 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	50 %
LSF after 12.000 hrs	50 %
LSF after 15.000 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 %
15.000 hrs	50 %

## Exclusion of liability

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## Popis

Quartz metal-halide lamps, longlife 15.000 h, Ra 65+, UV-stop, 14.000 lm, 4200 K, only for enclosed fixture

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