



**NBB Bohemia s.r.o.**

Výroba a prodej osvětlovací techniky, Sídliště 693, 407 22 Benešov nad Ploučnicí



## Product Data Sheet

Metal-halogenidová výbojka

**HLC-TD 70W/842 NW**  
**UVS SUPER Pro® Rx7S-24**



Order number

**740005000**

Unit EAN13 code

**8595209923691**

### General information

Model/Description	<b>Vysokotlaká výbojka</b>
Finish	<b>Křemíková/Quartz</b>
Brand/Manufacturer	<b>NBB</b>
Nominal service life (h)	<b>15000 h</b>
Model	<b>Čirá</b>
Socket	<b>RX7s</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>HLC-TD 70W/642 NW UVS SUPER Pro® Rx7S</b>
Třída energetické účinnosti podle 2019/2015	<b>F</b>

### Electrical characteristics

Nominal wattage	<b>70 W</b>
Rated power (W)	<b>70,0 W</b>
Compatible ballast	<b>0,8-0,9 A</b>
Operating voltage (V)	<b>84 V</b>
Type of Voltage	<b>AC</b>
Pulse height	<b>5 kV</b>
Direct connection to the mains	<b>Ne</b>
Lamp power	<b>70 W</b>
Nominal current (A)	<b>0,80 A</b>
Total power (W) (light fitting)	<b>77 W</b>

## 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	Pro uzavřená svítidla
Burning position	Libovolná
External ignitor required	Ano
External ballast required	Ano
Material discharge tube	Křemíkový (Quartz)
Closed luminaire required	Ano

## Physical characteristics

Dimensions (mm)	Ø21 x 118 mm
Packing method	10 - 1
Weight netto	30 g
Total lenght	118 mm
Diameter	21 mm
Lamp shape	Dvoupaticová válcová
Coated	Ne

## EuP Parameters

Average Lifetime B50 (h)	15000 h
Luminescence Life maintenance factor	50,0 %
The rate of premature failures	<1 %
Rated service life	15000 h
Energy consumption (AGGR)	70 kWh/1000h
Turn-on time	max 30 s s

## Lighting characteristics

Color rendering	1B
Light Colour	neutrální bílá
Luminous flux	6500 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	Neutral 3300-5300 K
Chromaticity coordinates x	0,360
Chromaticity coordinates y	0,380

## 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 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 10.000 hrs	80 %
LSF after 12.000 hrs	60 %
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	55 %
15.000 hrs	50 %

### Exclusion of liability

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### Popis

Quartz metal-halide lamps, Ra>65, TC 4200K, high output, life 15.000 h, UV-STOP.

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