



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 | Vysokotlaká výbojka |
| Finish | Křemíková/Quartz |
| Brand/Manufacturer | NBB |
| Nominal service life (h) | 15000 h |
| Model | Čirá |
| Socket | RX7s |
| Dimmable | Ano |
| Energy efficiency class (canceled regulation!) | A+ |
| Lamp voltage | 84 - 90 V |
| Dimmable by conventional dimmers | Ne |
| Název položky | HLC-TD 70W/642 NW UVS SUPER Pro® Rx7S |
| Třída energetické účinnosti podle 2019/2015 | F |

Electrical characteristics

| | |
|---------------------------------|------------------|
| Nominal wattage | 70 W |
| Rated power (W) | 70,0 W |
| Compatible ballast | 0,8-0,9 A |
| 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) | 0,80 A |
| Total power (W) (light fitting) | 77 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 | 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 |
|------------|-----|

Safety information

| | |
|---------------------|--|
| Safety instructions | www.nbb.cz |
|---------------------|--|

Environmental characteristics

| | |
|------------------------------|-------------|
| Maximum mercury content (mg) | max 4,00 mg |
|------------------------------|-------------|

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

Changes to data are subject to prior notice. NBB Bohemia s.r.o. accepts no responsibility for damages caused by inaccurate interpretation of the content on this site.

Popis

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

NBB Bohemia s.r.o., Sídliště 693, 407 22 Benešov nad Ploučnicí
<https://www.nbb.cz/en/> | hotmail@nbb.cz

Copyright CE 2024 NBB Bohemia s.r.o Všechna práva vyhrazena.