



Product Data Sheet

Sodíková výbojka

**HPS-T 70W E27 NBB
SUPER/4Y**

Order number

746321000

Unit EAN13 code

8595209923462



General information

| | |
|--|-------------------------------------|
| Model/Description | Sodíková výbojka/Sodium lamp |
| Finish | Vysokotlaká/HID |
| Brand/Manufacturer | NBB |
| Material | Hard Glass |
| Nominal service life (h) | 32000 h |
| Model | Čirá |
| Socket | E27 |
| Dimmable | Ano |
| Energy efficiency class (canceled regulation!) | A+ |
| Dimmable by conventional dimmers | Ne |
| Název položky | HPS-T 70W E27 NBB SUPER/4Y |
| Třída energetické účinnosti podle 2019/2015 | F |

Electrical characteristics

| | |
|---------------------------------|---------------|
| Nominal wattage | 70 W |
| Rated power (W) | 70,0 W |
| Operating voltage (V) | 90 V |
| Type of Voltage | AC |
| Pulse height | 5 kV |
| Direct connection to the mains | Ne |
| Lamp power | 70 W |
| Nominal current (A) | 0,98 A |
| Total power (W) (light fitting) | 70 W |

Working conditions

| | |
|-------------------------------------|-------------------|
| Hot restart | Ano |
| Bulb temperature (max.) | 310 °C |
| Cap temperature (max.) | 210 °C |
| Burning position | Libovolná |
| Typical Hot Restart Time | 5 min |
| Suitable for domestic use. | Ne |
| Application | Veřejné osvětlení |
| External ignitor required | Ano |
| External ballast required | Ano |
| Lighting for plants | Ne |
| Replacement for mercury vapour lamp | Ne |

Mounting methods/application

| | |
|-----------------|-------------------|
| Mounting method | Uravřená svítidla |
|-----------------|-------------------|

Physical characteristics

| | |
|--------------------------|-----------------------|
| Light centre length (mm) | 101 mm |
| Dimensions (mm) | Ø38 x 156 mm |
| Packing method | 40 - 1 |
| Weight gross | 75 g |
| Weight netto | 66 g |
| Total lenght | 156 mm |
| Diameter | 38 mm |
| Lamp shape | Jednopaticová válcová |
| Number of Burners | 1 |
| Coated | Ne |

EuP Parameters

| | |
|--|--------------|
| Average Lifetime B50 (h) | 32000 h |
| Luminescence Life maintenance factor | 73,0 % |
| Factor of functional reliability (LSF) after nom. life | 70,0 % |
| Starting time to 90% of the light flow | 120 s |
| The rate of premature failures | <1 % |
| Rated service life | 32000 h |
| Energy consumption (AGGR) | 70 kWh/1000h |
| Turn-on time | 5 s |

Lighting characteristics

| | |
|----------------------------|---------|
| Dominant wavelength | 598 nm |
| Luminous flux | 6600 lm |
| Colour temperature | 2000 K |
| Colour rendering index CRI | 25 Ra |
| Chromaticity coordinates x | 0,525 |
| Chromaticity coordinates y | 0,430 |
| Vyzařovací úhel | 330 ° |

Safety information

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

Environmental characteristics

| | |
|-----------------|------|
| Mercury-free | Ne |
| Mercury content | 8 mg |

Energetic characteristics

| | |
|-----------------------------|---------|
| Rated efficiency after 100h | 99,99 % |
| Lamp efficacy | 94 lm/W |

Lamp survival factor (LSF)

| | |
|----------------------|---------|
| LSF after 100 hrs | 100,0 % |
| LSF after 2.000 hrs | 100,0 % |
| LSF after 4.000 hrs | 100,0 % |
| LSF after 6.000 hrs | 100,0 % |
| LSF after 8.000 hrs | 98,0 % |
| LSF after 10.000 hrs | 98,0 % |
| LSF after 12.000 hrs | 95,0 % |
| LSF after 16.000 hrs | 92,0 % |
| LSF after 20.000 hrs | 89,0 % |
| LSF after 25.000h | 80,0 % |
| LSF after 28.000 hrs | 70,0 % |

Lamp lumen maintenance factor (LLMF)

| | |
|-----------------------|---------|
| LLMF after 100 hrs | 100,0 % |
| LLMF after 2.000 hrs | 98,0 % |
| LLMF after 4.000 hrs | 96,0 % |
| LLMF after 6.000 hrs | 94,0 % |
| LLMF after 8.000 hrs | 93,0 % |
| LLMF after 10.000 hrs | 90,0 % |
| LLMF after 12.000 hrs | 88,0 % |
| LLMF after 16.000 hrs | 83,0 % |
| LLMF after 20.000 hrs | 78,0 % |
| LLMF after 24.000 hrs | 75,0 % |
| LLMF after 28.000 hrs | 73,0 % |

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

High pressure sodium lamp SUPER 4Y Long Life (28.000 h), 6.600 lm.

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.