



Product Data Sheet

Metal-halogenidová výbojka

HPC-T 400W E40 NW clear metalhalide lamp

Order number

749043000

Unit EAN13 code

8595209919670


General information

| | |
|--|---------------------------------------|
| Model/Description | Metal-halide lamp |
| Finish | Single ended |
| Brand/Manufacturer | NBB |
| Bulb finish | clear |
| Nominal service life (h) | 15000 h |
| Colour | Ostatní |
| Model | Čirá |
| Socket | E40 |
| Dimmable | Ne |
| Energy efficiency class (canceled regulation!) | A+ |
| Type of luminaire | Uzavřená |
| Lamp voltage | 95 - 125 V |
| Název položky | HPC-T 400W/642 NW/HOR E40 EURO |
| Třída energetické účinnosti podle 2019/2015 | F |

Electrical characteristics

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|-----------------------|-------------------|
| Nominal wattage | 400 W |
| Rated power (W) | 409 W |
| Operating voltage (V) | 95 - 125 V |
| Type of Voltage | AC |
| Pulse height | 5 kV |
| Lamp power | 400 W |
| Nominal current (A) | 3,25 A |

Working conditions

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|---------------------------|-----------------------|
| Hot restart | Ne |
| Bulb temperature (max.) | 300 °C |
| Cap temperature (max.) | 250 °C |
| Burning position | Horizontální |
| Typical Hot Restart Time | 10 min |
| Application | Všeobecné osvětlování |
| Burning position | P20 |
| External ignitor required | Ano |
| External ballast required | Ano |
| Material discharge tube | Křemíkový (Quartz) |
| Closed luminaire required | Ano |

Physical characteristics

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|--------------------------|-----------------------|
| Light centre length (mm) | 146 mm |
| Dimensions (mm) | Ø46 x 271 mm |
| Packing method | 25 - 1 |
| Weight gross | 260 g |
| Weight netto | 190 g |
| Total length | 271 mm |
| Diameter | 46 mm |
| Splitter protection | Ne |
| Lamp shape | Jednopaticová válcová |
| Number of Burners | 1 |
| Coated | Ne |
| Počet ks v balení | 25 |

EuP Parameters

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|--|---------------|
| Average Lifetime B50 (h) | 15000 h |
| Luminescence Life maintenance factor | 70 % |
| Factor of functional reliability (LSF) after nom. life | 50 % |
| The rate of premature failures | <1 % |
| Rated service life | 15000 h |
| Energy consumption (AGGR) | 400 kWh/1000h |
| Turn-on time | 180 s |

Lighting characteristics

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|---------------------------------|---------------------|
| Color rendering | 2B |
| Light Colour | neutrální bílá |
| Wavelength range | 360 - 760 nm |
| Dominant wavelength | 595 nm |
| Luminous flux | 36000 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 | 0,380 |

| | |
|----------------------------|-------|
| Chromaticity coordinates y | 0.400 |
|----------------------------|-------|

Radiation in the UV range

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|------------|-----|
| UV protect | Ano |
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Safety information

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

Environmental characteristics

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|-----------------|-------|
| Mercury content | 50 mg |
|-----------------|-------|

Energetic characteristics

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|-----------------------------|---------|
| Rated efficiency after 100h | 99,99 % |
|-----------------------------|---------|

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| Lamp efficacy | 92,5 lm/W |
|---------------|-----------|

Lamp survival factor (LSF)

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|---------------------|--------|
| LSF after 2.000 hrs | 99,0 % |
|---------------------|--------|

| | |
|---------------------|--------|
| LSF after 4.000 hrs | 95,0 % |
|---------------------|--------|

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|---------------------|--------|
| LSF after 8.000 hrs | 90,0 % |
|---------------------|--------|

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|----------------------|--------|
| LSF after 10.000 hrs | 85,0 % |
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| | |
|----------------------|--------|
| LSF after 15.000 hrs | 50,0 % |
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Lamp lumen maintenance factor (LLMF)

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|----------------------|--------|
| LLMF after 2.000 hrs | 98,0 % |
|----------------------|--------|

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|----------------------|--------|
| LLMF after 4.000 hrs | 95,0 % |
|----------------------|--------|

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|----------------------|--------|
| LLMF after 6.000 hrs | 90,0 % |
|----------------------|--------|

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|----------------------|--------|
| LLMF after 8.000 hrs | 80,0 % |
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|------------|--------|
| 15.000 hrs | 70,0 % |
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Popis

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