



Product Data Sheet

Sodíková výbojka

**HPS-T 600W E40 NBB
SUPER/4Y**

Order number

746326000

Unit EAN13 code

8595209923516



General information

Model/Description	Sodíková výbojka/Sodium lamp
Finish	Vysokotlaká/HID
Brand/Manufacturer	NBB
Bulb finish	clear
Material	Hard Glass
Nominal service life (h)	32000 h
Model	Čirá
Socket	E40
Dimmable	Ano
Energy efficiency class (canceled regulation!)	A++
Dimmable by conventional dimmers	Ne
Název položky	HPS-T 600W E40 NBB SUPER/4Y
Třída energetické účinnosti podle 2019/2015	D

Electrical characteristics

Nominal wattage	600 W
Rated power (W)	600,0 W
Operating voltage (V)	115 V
Type of Voltage	AC
Pulse height	5 kV
Direct connection to the mains	Ne
Lamp power	600 W
Nominal current (A)	5,80 A
Total power (W) (light fitting)	600 W

Working conditions

Hot restart	Ano
Bulb temperature (max.)	400 °C
Cap temperature (max.)	210 °C
Burning position	Libovolná
Typical Hot Restart Time	5 min
Suitable for domestic use.	Ne
Application	Veřejné osvětlení
Type of control gear	SODIUM 5,80 A
External ignitor required	Ano
External ballast required	Ano
Lighting for plants	Ne
Replacement for mercury vapour lamp	Ne

Mounting methods/application

Mounting method	Uzavřená svítidla
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Physical characteristics

Dimensions (mm)	Ø48 x 292 mm
Packing method	12 - 1
Weight gross	240 g
Weight netto	200 g
Total lenght	292 mm
Diameter	48 mm
Lamp shape	Jednopaticová válcová
Number of Burners	1
Coated	Ne

EuP Parameters

Average Lifetime B50 (h)	32000 h
Luminescence Life maintenance factor	80,0 %
Factor of functional reliability (LSF) after nom. life	65,0 %
Starting time to 90% of the light flow	120 s
The rate of premature failures	<1 %
Rated service life	32000 h
Energy consumption (AGGR)	600 kWh/1000h
Turn-on time	5 s

Lighting characteristics

Dominant wavelength	598 nm
Luminous flux	90000 lm
Colour temperature	2000 K
Colour rendering index CRI	20 Ra
Chromaticity coordinates x	0,525
Chromaticity coordinates y	0,430

Safety information

Safety instructions	www.nbb.cz
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Environmental characteristics

Mercury-free	Ne
Mercury content	18 mg

Energetic characteristics

Rated efficiency after 100h	99,99 %
Lamp efficacy	150 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	93,0 %
LSF after 20.000 hrs	89,0 %
LSF after 25.000h	85,0 %
LSF after 28.000 hrs	70,0 %
LSF after 30.000 hrs	70,0 %
LSF after 32.000 hrs	65,0 %

Lamp lumen maintenance factor (LLMF)

LLMF after 100 hrs	100,0 %
LLMF after 2.000 hrs	99,0 %
LLMF after 4.000 hrs	98,0 %
LLMF after 6.000 hrs	97,0 %
LLMF after 8.000 hrs	96,0 %
LLMF after 10.000 hrs	93,0 %
LLMF after 12.000 hrs	92,0 %
LLMF after 16.000 hrs	88,0 %
LLMF after 20.000 hrs	87,0 %
LLMF after 24.000 hrs	86,0 %
LLMF after 28.000 hrs	88,0 %
LLMF after 32.000 hrs	80,0 %

Exclusion of liability

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Popis

High pressure sodium lamp SUPER 4Y Long Life (32.000 h), 90.000 lm.

