



Product Data Sheet

Sodíková výbojka

**HPS-T 400W E40 NBB
SUPER/4Y**

Order number

746325000

Unit EAN13 code

8595209923509



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	E40
Dimmable	Ano
Energy efficiency class (canceled regulation!)	A+
Dimmable by conventional dimmers	Ne
Název položky	HPS-T 400W E40 NBB SUPER/4Y
Třída energetické účinnosti podle 2019/2015	D

Electrical characteristics

Nominal wattage	400 W
Rated power (W)	400,0 W
Operating voltage (V)	95 - 100 V
Type of Voltage	AC
Pulse height	5 kV
Direct connection to the mains	Ne
Lamp power	400 W
Nominal current (A)	4,60 A
Total power (W) (light fitting)	400 W

Working conditions

Hot restart	Ano
Bulb temperature (max.)	400 °C
Cap temperature (max.)	250 °C
Burning position	Libovolná
Typical Hot Restart Time	5 min
Suitable for domestic use.	Ne
Application	Veřejné osvětlení
Type of control gear	SODIUM 4,60 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
-----------------	-------------------

Physical characteristics

Light centre length (mm)	175 mm
Dimensions (mm)	Ø48 x 285 mm
Packing method	12 - 1
Weight gross	128 g
Weight netto	195 g
Total length	285 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)	400 kWh/1000h
Turn-on time	5 s

Lighting characteristics

Dominant wavelength	598 nm
Luminous flux	54000 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
---------------------	--

Environmental characteristics

Mercury-free	Ne
Mercury content	16 mg

Energetic characteristics

Rated efficiency after 100h	99,99 %
Lamp efficacy	135 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

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 (32.000 h), 54.000 lm.

