



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
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Safety information

Safety instructions	www.nbb.cz
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Environmental characteristics

Maximum mercury content (mg)	max 4,00 mg
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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.

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