

TECHNICAL PRODUCT SHEET



Vysokotlaká výbojka

HLC-TD 150W/660 DW UVS SUPER Pro® Rx7s-24

Order Number
740006010

EAN13
8595209915641

ILCOS
MD/UB-150/42/1B-H-RX7s-24/135



General information

Product description:	HLC-TD 150W/660 DW UVS SUPER Pro®
Model/Description:	Vysokotlaká výbojka
Finish:	Křemíková/Quartz
Brand/Manufacturer:	NBB
Nominal service life:	15.000 h

Physical characteristics

Bulb design:	T21
Cap:	Rx7s
Dimensions:	Ø24 x 135 mm
Packing method:	1/10
Weight net:	30 g
Weight gross:	40 g

Electrical characteristics

Nominal wattage:	150 W
Rated power:	150,0 W
Rated current (A):	1,80 A
Compatible ballast:	1,8 A
Operating voltage:	86 V
Type of Voltage:	AC
Lowest permitted operating voltage in the circuit:	+/-3%
Pulse height:	3,5/5,5 kV
Direct connection to the mains:	Ne

EuP Parameters

Rated service life:	15.000 h
Average Lifetime B50:	15.000 h
Energy consumption (AGGR) kWh / 1.000 h:	165

Turn-on time: max 30s

Working conditions

Dimmable by conventional dimmers:	ne
Dimmable:	Ano
Ambiente temperature for max. luminous flux:	max 180s/25°C
Hot restart:	Ne
Bulb temperature (max.):	500°C
Cap temperature (max.):	300°C
Burning position:	Universal
Method of use:	Pro uzavřená svítidla

Lighting characteristics

Lum. flux after 100 hrs. oper.:	14.000 lm
Nom. lum. flux:	14.000 lm
CCT:	6.000 K
Color rendering:	1B
Colour Code:	660
Light Colour:	neutral white/neutrální bílá
Chromaticity coordinates x:	
Chromaticity coordinates y:	
Colour rendering index CRI:	>65

Environmental characteristics

Maximum mercury content (mg):	max 4,00 mg
-------------------------------	-------------

Energetic characteristics

Rated efficiency after 100h.:	99,8%
Lamp efficacy (lm/W):	93,33 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 9.000 hrs:	80%
LSF after 10.000 hrs:	60%
LSF after 12.000 hrs:	50%

Lamp lumen maintenance factor

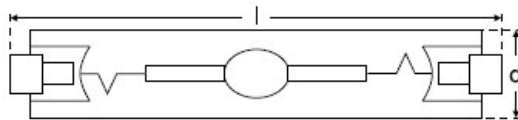
LLMF after 2.000 hrs:	80%
LLMF after 5.000 hrs:	60%
LLMF after 10.000 hrs:	50%
LLMF after 12.000 hrs:	40%

EuP regulations

Product is subject to EUP regulation:	Ano
Indication of regulation:	EC/245/2009
The rate of premature failures:	<1%

Safety information

Schématický nákres

**Description**

Quartz Metal halide discharge HLC SUPER lamps are suitable for indoor and outdoor lighting. They are characterised by increased lumen flux and 15 000hours life span. Their CRI index $R_a > 65$ enables their outdoor application (parking lots, airports, roads) or general lighting application where CRI index 80 and higher is not required. Their light spectrum is determined by metal vapours inside of the discharge lamp. They are supplied in NW neutral white and DW daylight hue. These discharge tubes can be operated only in closed light fixtures with corresponding ballasts and igniters with 3.5-5.5kV. These discharge tubes correspond with regulation EK 245/2009 requirements.

NBB BOHEMIA s.r.o., Sidliste 693, Benesov nad Ploucnici 407 22 www.nbb.cz 05.02.2015