


Product Data Sheet

Třípásmová lineární zářivka T5

LT 54W T5-HQ/840 NBB

 Order number
105154840

 Unit EAN13 code
8595209950604

General information

Model/Description	Zářivková trubice
Finish	Lineární
Brand/Manufacturer	Narva
Nominal service life (h)	35000 h
Colour	Ostatní
Socket	G5
Dimmable	Ano
Energy efficiency class (canceled regulation!)	A
Ignition strip	Ne
Fast ignition	Ne
Starter less operation	Ne
Suitable for explosion proof luminaires	Ne
Dimmable by conventional dimmers	Ne
Název položky	LT 54W T5-HQ/840 NBB
Třída energetické účinnosti podle 2019/2015	F

Electrical characteristics

Nominal wattage	54 W
Rated power (W)	54,0 W
Operating voltage (V)	120 V
Type of Voltage	AC
Direct connection to the mains	Ne
Lamp power	54 W
Nominal current (A)	0,46 A
Total power (W) (light fitting)	54 W

Working conditions

Ambiente temperature for max. luminous flux	35 °C
Burning position	Libovolná
Application	Pro všeobecné osvětlování
Application	Všeobecné osvětlení
Suitable for electronic ballast	Ano
Suitable for emergency lighting	Ne
For application at low temperatures	Ne

Physical characteristics

Dimensions (mm)	Ø16 x 1149 mm
Packing method	25 - 1
Weight gross	125 g
Weight netto	105 g
Splitter protection	Ne
Tube diameter	16 mm
Lamp shape	Lineární
Length	1149 mm
Internal reflector	Ne
Double-walled	Ne

EuP Parameters

Average Lifetime B50 (h)	35000 h
Luminescence Life maintenance factor	89,0 %
Number of maximal switching cycles	100000
The rate of premature failures	<1 %
Rated service life	35000 h
Energy consumption (AGGR)	54 kWh/1000h

Lighting characteristics

Type of spectrum	Třípásmové
Color rendering	1B
Light Colour	Chladná bílá
Dominant wavelength	544 nm
Luminous flux	5000 lm
Colour temperature	4000 K
Colour rendering index CRI	84 Ra
Full spectrum lamps	Ne
Colour of light	840
Colour of light acc. EN 12464-1	Neutral 3300-5300 K
Beam angle Degrees (°)	360 °
Chromaticity coordinates x	0,384
Chromaticity coordinates y	0,382

Safety information

Safety instructions	www.nbb.cz
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Environmental characteristics

Mercury content	3,00 mg
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Energetic characteristics

Rated efficiency after 100h	99,99 %
Lamp efficacy	92,4 lm/W

Lamp survival factor (LSF)

LSF after 2.000 hrs	99,8 %
LSF after 4.000 hrs	99,6 %
LSF after 6.000 hrs	99,3 %
LSF after 8.000 hrs	99,1 %
LSF after 12.000 hrs	98,7 %
LSF after 16.000 hrs	95,0 %
LSF after 20.000 hrs	79,5 %

Lamp lumen maintenance factor (LLMF)

LLMF after 2.000 hrs	97,5 %
LLMF after 4.000 hrs	95,4 %
LLMF after 6.000 hrs	94,0 %
LLMF after 8.000 hrs	93,0 %
LLMF after 12.000 hrs	91,5 %
LLMF after 16.000 hrs	90,0 %
LLMF after 20.000 hrs	89,0 %

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.

Warning

If broken in a closed room, we recommend ventilation to reduce the mercury vapor concentration. Use protective equipment while working. Immediately remove the shards so that they do not get injured. After removing the shards, use the technical means for decontamination of mercury. For this purpose we supply decontamination kits, which you can order by phone or in our internet shop. The decontamination kit should not be missed especially in plants where there is a danger of breaking light sources containing mercury, such as stores, warehouses, but can also be used in households. In case of nausea, give first aid and call a physician.

Notice

Fluorescent tubes of all types require a corresponding type of ballast to operate. A suitable ballast type can be found in the detail of the item (additional products). The quality and type of the ballast greatly affect the life of the fluorescent lamp. NBB Bohemia is not responsible for shortening lamp life when the fluorescent lamp is connected to a ballast type that NBB Bohemia s.r.o. because in such a case we can not guarantee the suitability of using the ballast to the supplied fluorescent tube. When directly connected to the mains voltage without using the ballast, the fluorescent lamp will be destroyed. Fluorescent tubes are not suitable for connection to motion sensors or for connection to frequent switching devices. Frequent switching causes shortening of lamp life. Frequent switching is considered to switch the fluorescent lamp to an interval of less than 20 minutes.

Popis

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