

Kompaktní zářivka amalgámová

## MINITRONIC® DUO 9W/827 ROUND E27

Order Number  
**240010020**

EAN13  
**8595209907837**

ILCOS  
**FBG-9/27/1B-230/240-E27**



### General information

Product description:	MINITRONIC® DUO 9W/827 ROUND E27
Model/Description:	Kompaktní zářivka amalgámová
Finish:	Spirálová
Brand/Manufacturer:	NBB
Nominal voltage:	230-240 V
Nominal service life:	10.000 h.

### Physical characteristics

Bulb design:	Round
Cap:	E27
Dimensions:	Ø50 x 88 mm
Packing method:	100/1
Weight net:	56 g
Weight gross:	

### Electrical characteristics

Nominal wattage:	9 W
Rated power:	9,0 W
Rated current (A):	39 mA
Operating voltage:	220-240 V
Type of Voltage:	AC/DC
Direct connection to the mains:	Ano

### Working conditions

Type of start:	Warm
Type of ballast (driver):	Elektronický
Output frequency of ballast (driver):	>40 kHz
Operating frequency:	50/60 Hz
Dimmable by conventional dimmers:	ne
Dimmable:	Ne
Ambiente temperature for max. luminous flux:	25 °C
Operating ambiente temperature - Ta °C:	25 °C
Burning position:	Universal
Method of use:	General lighting/Všeobecné osvětlování

#### EuP Parameters

Rated service life:	10.000 h.
Average Lifetime B50:	10.000 h.
Energy consumption (AGGR) kWh / 1.000 h:	9
Luminescence Life maintenance factor :	≥70,0 % (6.000 h)
Turn-on time:	<1,5 s
GLS replacement:	39,9 W
Time to 60 % luminous flux:	<40 s
Number of maximal switching cycles:	≥8.000

#### Doplňující informace

Note:

#### Lighting characteristics

Lum. flux after 100 hrs. oper.:	430 lm
Nom. lum. flux:	430 lm
Beam angle:	
Luminous intensity:	
CCT:	2.700 K
Type of spectrum:	Třípásmové
Color rendering:	1B
Colour Code:	827
Light Colour:	Warm white/teplá bílá
Dominant wavelength:	544 nm
Chromaticity coordinates x:	0,384
Chromaticity coordinates y:	0,382
Colour rendering index CRI:	≥80 Ra8

#### Radiation in the UV range

UVA a UVB radiation:

UVC radiation:

#### Environmental characteristics

Maximum mercury content (mg):	1,2 mg
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### **Energetic characteristics**

Energy Efficiency Index:

Lamp power factor:	≥0,5
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Rated efficiency after 100h.:	99,99 %
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Lamp efficacy (lm/W):	47,77 lm/W
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### **Lamp survival factor (LSF)**

LSF after 2.000 hrs:

LSF after 4.000 hrs:

LSF after 6.000 hrs:	70,0 %
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LSF after 8.000 hrs:

LSF after 12.000 hrs:

LSF after 16.000 hrs:

LSF after 20.000 hrs:

### **Lamp lumen maintenance factor**

LLMF after 2.000 hrs:	83,0 %
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LLMF after 4.000 hrs:	76,0 %
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LLMF after 6.000 hrs:	70,0 %
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LLMF after 8.000 hrs:	58,0 %
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LLMF after 12.000 hrs:

LLMF after 16.000 hrs:

LLMF after 20.000 hrs:

### **EuP regulations**

Product is subject to EUP regulation:	Ano
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Indication of regulation:	EC/244/2009
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Reason for exception:

Date of ban:

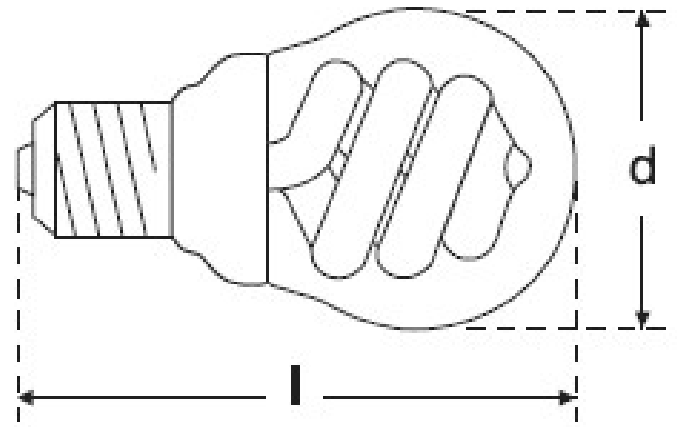
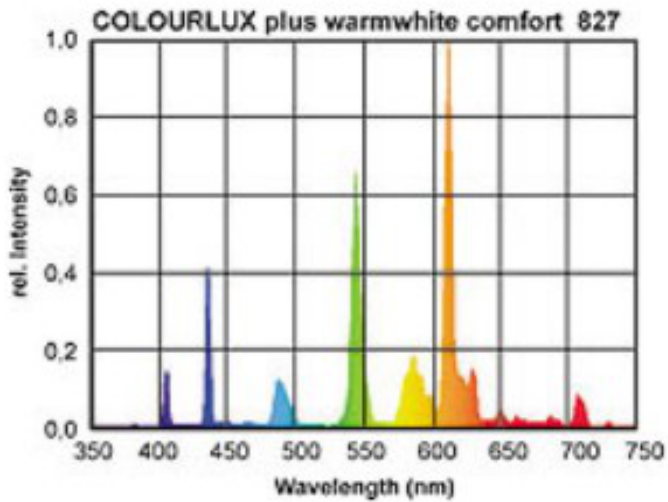
The rate of premature failures:	<1%
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### **Mounting methods**

Suitable for domestic use.:	ano
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### **Safety information**

Safety instructions:	<a href="http://www.nbb.cz">www.nbb.cz</a>
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### Description

Compact fluorescent lamps from the consumer series are distinguished by very good technical properties. This series is intended for customers, who are „low price oriented“ especially. Its shapes are designed for usage in regular household fixtures, especially we recommend rhw compact fluorescent lamps with spiral shape. We also recommend to use these lamps only in the environments where basic requirements are needed.

NBB BOHEMIA s.r.o., Sidliste 693, Benesov nad Ploucnici 407 22 [www.nbb.cz](http://www.nbb.cz) 05.02.2015