



**NBB Bohemia s.r.o.**

Výroba a prodej osvětlovací techniky, Sídliště 693, 407 22 Benešov nad Ploučnicí



## Product Data Sheet

Kompaktní zářivka

**MINITRONIC® DUO**  
**9W/827 ROUND E27**

Order number

**240010020**

Unit EAN13 code

**8595209907837**



### General information

Model/Description	Kompaktní zářivka amalgámová
Finish	Spirálová
Brand/Manufacturer	NBB
Nominal service life (h)	10000 h
Socket	E27
Dimmable	Ne
Energy efficiency class (canceled regulation!)	A
Nominal voltage (V)	230 - 240 V
Lamp voltage	220 - 240 V
Dimmable by conventional dimmers	Ne
Název položky	MINITRONIC® DUO 9W/827 ROUND E27

### Electrical characteristics

Nominal wattage	9 W
Rated power (W)	9,0 W
Direct connection to the mains	Ano
Lamp power	9 W
Voltage type	AC/DC
Frequency	50 - 60 Hz
Nominal current (A)	0,062 A

### Working conditions

Type of start	Warm
Output frequency of ballast (driver)	>40 kHz
Ambiente temperature for max. luminous flux	25 °C

Burning position	Libovolná
Suitable for domestic use.	Ano
Application	General lighting/Všeobecné osvětlování
Type of control gear	Elektronický
Suitable for emergency power with DC supply	Ano
Suitable for frequent switching	Ne
Ambient temperature	25 °C
Outdoor application	Ne

#### Physical characteristics

Dimensions (mm)	Ø50 x 88 mm
Packing method	100 - 1
Weight gross	68 g
Weight netto	56 g
Total lenght	88 mm
Diameter	50 mm
Lamp shape	Kulatá/Globe
Type of glass/cover	Matný

#### EuP Parameters

Average Lifetime B50 (h)	10000 h
Luminescence Life maintenance factor	50 %
Time to 60 % luminous flux	<40 s s
Number of maximal switching cycles	≥8.000
The rate of premature failures	<1 %
Rated service life	10000 h
Energy consumption (AGGR)	9 kWh/1000h
Turn-on time	<1,5 s
GLS replacement	40 W

#### Lighting characteristics

Type of spectrum	Třípásmové
Color rendering	1B
Light Colour	teplá bílá komfort
Dominant wavelength	544 nm
Luminous flux	430 lm
Colour temperature	2700 K
Colour rendering index CRI	82 Ra
Integrated twilight sensor	Ne
Colour of light	827
Colour of light acc. EN 12464-1	Warm <3300 K
Beam angle Degrees (°)	120 °
Chromaticity coordinates x	0,384
Chromaticity coordinates y	0,382

#### Safety information

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

Mercury content	1,2 mg
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## Energetic characteristics

Lamp Power factor (PF)	≥0,5
Rated efficiency after 100h	99,99 %
Lamp efficacy	47,77 lm/W

## Lamp survival factor (LSF)

LSF after 2.000 hrs	95,0 %
LSF after 4.000 hrs	90,0 %
LSF after 6.000 hrs	85,0 %
LSF after 8.000 hrs	75,0 %
LSF after 10.000 hrs	65,0 %
LSF after 12.000 hrs	65,0 %

## Lamp lumen maintenance factor (LLMF)

LLMF after 2.000 hrs	83,0 %
LLMF after 4.000 hrs	76,0 %
LLMF after 6.000 hrs	70,0 %
LLMF after 8.000 hrs	58,0 %
LLMF after 10.000 hrs	50,0 %

## Exclusion of liability

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## Popis

Compact fluorescent amalgam lamps, 8.000 switching cycles, lifespan 10.000 h. Colour temperature 2.700K

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