



**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 CANDLE E14

Order number

**240000010**

Unit EAN13 code

**8595209907257**



#### General information

Model/Description	Kompaktní zářivka amalgámová
Finish	Dvouplášťová svíčková
Brand/Manufacturer	NBB
Nominal service life (h)	10000 h
Socket	E14
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 CANDLE E14

#### Electrical characteristics

Nominal wattage	9 W
Rated power (W)	9,0 W
Type of Voltage	AC/DC
Direct connection to the mains	Ano
Lamp power	9 W
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

Hot restart	Ano
Burning position	Libovolná
Suitable for domestic use.	Ano
Application	Všeobecné osvětlování/General lighting
Type of control gear	Elektronický
Suitable for emergency power with DC supply	Ano
Suitable for frequent switching	Ne
Ambient temperature	-10/+40 °C
Outdoor application	Ne

#### Mounting methods/application

Mounting method	Otevřená i uzavřená svítidla
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#### Physical characteristics

Dimensions (mm)	Ø37 x 105 mm
Packing method	100 - 1
Weight gross	65 g
Weight netto	48 g
Total lenght	105 mm
Diameter	37 mm
Lamp shape	Svíčková
Type of glass/cover	Matný

#### EuP Parameters

Average Lifetime B50 (h)	10000 h
Luminescence Life maintenance factor	50 %
Factor of functional reliability (LSF) after nom. life	0,65 %
Time to 60 % luminous flux	<40 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
Wavelength range	400-720 nm
Dominant wavelength	612 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	0,414
Chromaticity coordinates y	0,395

#### 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	80,0 %
LSF after 8.000 hrs	75,0 %
LSF after 10.000 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 12.000 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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