



Product Data Sheet

Kompaktní zářivka

GL-S 230-240V 55W/840
SUPER HIGH POWER E27
NBB



Order number

235441011

Unit EAN13 code

8595209954442

General information

Model/Description	Kompaktní zářivka amalgámová
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	230 - 240 V
Dimmable by conventional dimmers	Ne
Název položky	GL-S 55W/840 SUPER HIGH POWER E27 NBB
Třída energetické účinnosti podle 2019/2015	G

Electrical characteristics

Nominal wattage	55 W
Rated power (W)	55,0 W
Type of Voltage	AC
Direct connection to the mains	Ano
Lamp power	55 W
Voltage type	AC
Frequency	50 - 60 Hz
Nominal current (A)	0,150 A
Total power (W) (light fitting)	55 W

Working conditions

Type of start	Warm
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Output frequency of ballast (driver)	>40 kHz
Burning position	Libovolná
Suitable for domestic use.	Ano
Application	Všeobecné osvětlování
Type of control gear	Elektronický
Suitable for emergency power with DC supply	Ne
Suitable for frequent switching	Ne
Ambient temperature	-10/+40 °C
Replacement for mercury vapour lamp	Ano

Physical characteristics

Dimensions (mm)	Ø105 x 275 mm
Packing method	10 - 1
Weight gross	444 g
Weight netto	308 g
Total lenght	275 mm
Diameter	105 mm
Lamp shape	Spirálová

EuP Parameters

Average Lifetime B50 (h)	10000 h
Luminescence Life maintenance factor	50,0 %
Time to 60 % luminous flux	<45 s
Number of maximal switching cycles	>15000
The rate of premature failures	≤ 2,0 %
Rated service life	10000 h
Energy consumption (AGGR)	55 kWh/1000h
Equivalent mercury lamp	80 W
Turn-on time	<0,3 s

Lighting characteristics

Type of spectrum	Třípásmové
Color rendering	1B
Light Colour	chladná bílá
Dominant wavelength	612 nm
Luminous flux	4530 lm
Colour temperature	4000 K
Colour rendering index CRI	82 Ra
Colour of light	840
Colour of light acc. EN 12464-1	Neutral 3300-5300 K
Beam angle Degrees (°)	360 °
Chromaticity coordinates x	0,382
Chromaticity coordinates y	0,362

Radiation in the UV range

UVA a UVB radiation	≤ 2,0 mW/klm
UVC radiation	≤ 0,01 mW/klm

Safety information

Safety instructions

www.nbb.cz

Environmental characteristics

Mercury content

2,00 mg

Energetic characteristics

Lamp Power factor (PF)

0,93

Rated efficiency after 100h

>99,0 %

Lamp efficacy

82,29 lm/W

Lamp lumen maintenance factor (LLMF)

LLMF after 2.000 hrs

>90,0 %

Exclusion of liability

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Popis

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