



NBB Bohemia s.r.o.

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



Product Data Sheet

Nouzové svítidlo přisazené

SANDRA 51LED IP65 3h NON MAINTAINED

Order number

910116000

Unit EAN13 code

8595209922328



General information

Model/Description	Nouzové svítidlo pro dočasný provoz
Finish	LED
Brand/Manufacturer	NBB
Material	PC/PC
Nominal service life (h)	35000 h
Degree of protection (IP)	IP65
Autonomy	3 h
Power supply system	Vlastní baterie
Labelling type	Samolepící piktogram
Type of indicator	Pouze jednostranný
Lamp type	LED
Wiring system	Dočasný provoz
Nominal voltage (V)	230 - 240 V
Degree of protection (IP)	IP65
With remote switch connection	Ne
Název položky	SANDRA 51LED IP65 DP3h

Electrical characteristics

Standby power (W)	1,71 W
Operating voltage (V)	220 - 230 V
Type of Voltage	AC
Voltage battery	4,8 V
Direct connection to the mains	Ano
Lamp power	5 W
Circuit	Paralelně kompenzační

Voltage type	AC
Luminous flux at emergency operation	180 lm
Recognition distance	8 m
Nominal current (A)	0,060 A

Working conditions

Battery Life	1000 cyklů
Charging time	24 h
Charging current (A)	75 mA
Operating frequency	50 - 60 Hz
Battery type	NiCD
charging control	Ano
Battery capacity	1800 mAh
Light source is part of the fixture	Ano
Permanent connection to mains supply	Ano
Burning position	Libovolná
Application	Nouzové osvětlení
Lamp holder type	Ostatní
Type of control gear	Elektronický
Ambient temperature	0 - 35 °C

Mounting methods/application

Mounting method	Nástěnná
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Physical characteristics

Test button	Ne
Type of chip	SMD 3528
Dimensions (mm)	350 x 117 x 76 mm
Packing method	1
Weight gross	924 g
Width	117 mm
Colour housing	Bílá
Weight netto	828 g
Length	350 mm
Height/depth (mm)	76 mm
Material housing	Plast
Material cover	Strukturovaný plast
Monitoring equipment	Není dostupný
Number of LEDs	51

EuP Parameters

Average Lifetime B50 (h)	35000 h
Equivalent to fluo.lamp (W)	13,6 W
Number of maximal switching cycles	1000
Rated service life	50000 h
Turn-on time	<1 s

Additional information

Battery quality	NiCd
With lamp	Ano

Lighting characteristics

Color rendering	2B
Light Colour	Chladná denní
Dominant wavelength	456 nm
Colour temperature	6500 K
Colour rendering index CRI	80 Ra
Colour temperature	6000 - 6500 K
Effective luminous flux	180 lm
Colour	Bílá
Chromaticity coordinates x	0,320
Chromaticity coordinates y	0,340

Safety information

Insulation class	Třída I
Safety instructions	www.nbb.cz
Protection class	Ochranným vodičem

Energetic characteristics

Lamp Power factor (PF)	0,36
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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.

Notice

This product ranks among electrotechnical products powered by mains voltage 230-240V. For safety reasons, it is recommended that the assembly, connection or disassembly be carried out by a person with an appropriate electrotechnical qualification. Please note that the product may only be put into service with original covers, otherwise there may be a risk of electric shock, especially from the terminal block. Only use the product in places that are suitable for this purpose; do not use products intended for indoor use only in the outdoor environment. When installing or dismantling an emergency luminaire, we recommend disconnecting the power supply otherwise there may be a risk of electric shock. Observe the prescribed position when operating the product and how it is attached. Only connect the product to the rated voltage, or load it only to the maximum permitted power. Install only light sources for this type of luminaire. The manufacturer can not be held responsible for damages resulting from inappropriate connection, connection to an unsuitable distribution system, or damage resulting from the use of an unsuitable light source. Observe the operating values on the label. Do not expose the product to inappropriate weathering or high temperatures unless it is expressly stated that the product is intended to be operated under these conditions. When installing, wiring or disassembling, follow the generally accepted safety precautions.

NOTICE:

The emergency luminaire is energized even after disconnecting the power supply due to its own charged batteries. Therefore, it is recommended that the installation and disassembly be carried out only by a person with the appropriate electrotechnical qualifications.

Do not throw the emergency luminaire into the mixed waste after use. Take it to the nearest store, collection yard, or other designated location for free recycling. You can also deliver the used luminaires for recycling at our sales outlets. Emergency lights and modules contain a rechargeable battery. You can find the list of collection points on the Retel and Ekolamp Collective Systems pages.

If the luminaire contains batteries

If the luminaire contains rechargeable batteries for emergency operation, we provide a 6 months warranty for these batteries from the date of commissioning. This warranty period is valid for both B2C and B2B customers.

Notice

Under the scope of Act 185/2001 Coll. as amended, this product is included in waste group 5 (light sources and luminaires). In view of the harmful effects of mercury on the environment and on human health, the creators of group 5 waste (consumers) are obliged to dispose of used light sources for recycling. Do not throw this product into mixed waste after use. Take it to the nearest store, collection yard, or other designated location for free recycling. You can also dispose of the used products for recycling in our sales outlets or in collection points of collective recycling systems or municipal collection yards. Ecological recycling of waste electrical and electronic equipment is ensured through the RETELA collective system (www.retela.cz).

Notice (LVD)

LED light sources ranks among electrotechnical products powered by mains 230-240V. For safety reasons, it is recommended that the assembly, connection or disassembly be carried out by a person with an appropriate electrotechnical qualification. When installing or disassembling, it is advisable to disconnect the power supply otherwise there may be a risk of electric shock. Only use the product in the luminaires designed for this type of light source. The manufacturer can not be held responsible for damages resulting from inappropriate connection, connection to an unsuitable distribution system, or damages resulting from mechanical damage to the light source. Observe the operating values on the product. Do not expose the product to inappropriate weathering or high temperatures unless it is expressly stated that the product is intended to be operated under these conditions. When installing, wiring or disassembling, follow the generally accepted safety precautions.

Notice

Single LED chip failure, luminous flux deviation +/- 10% as well as chromaticity deviation +/- 150K are in compliance with applicable standards and are not a reason for complaint.

Popis

SANDRA LED emergency luminaires are available in surface-mounted and temporary operation version. Luminaires are equipped with rechargeable NiCd battery, electronics and LED chips light source. Charge cycle takes usually 24 hours after complete discharge of battery. Lights can be equipped with pictograms or various accessories.

NBB Bohemia s.r.o., Sídliště 693, 407 22 Benešov nad Ploučnicí
<https://www.nbb.cz/en/> | hotmail@nbb.cz

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