

## Product Data Sheet

LED modul

**LED MODULE 5LED 1,5W  
6,5K IP65 50 pieces per  
sack**



Order number

**252025000**

Unit EAN13 code

**8595209924254**

### General information

Model/Description	LED moduly
Finish	LED modul pro paralelní zapojení
Brand/Manufacturer	NBB
Material	ABS antistatic
Lamp type	Light-Emitting Diode (LED)
Nominal service life (h)	50000 h
Degree of protection (IP)	IP65
Dimmable	Ano
Nominal voltage (V)	12 V
Dimmable by conventional dimmers	Ne
Název položky	LQ 5LEDmodul 1,5W 6,5K SAMSUNG IP65 NBB

### Electrical characteristics

Nominal wattage	1,5 W
Rated power (W)	1,5 W
Compatible ballast	LED Driver 12VDC napěťově stabilizovaný
Operating voltage (V)	9-12 V V
Endurance	15 V/10 h V
Type of Voltage	DC
Lowest permitted operating voltage (V)	DC 9 V V
Lamp operating current	15,5 mA A
Direct connection to the mains	Ano
Nominal current (A)	0.15 A
Total power (W) (light fitting)	1 W

### Working conditions

Type of start	Okamžitý start
Ambiente temperature for max. luminous flux	<0°C °C
Maximum permitted storage temperature	100 °C °C
Protection against overvoltage	Ano
Cooling Type	Air/vzduchem
Type of cooler	Aluminium
Burning position	Universal
Suitable for domestic use.	Ne
Application	Pro světelné reklamy a venkovní prostředí
Type of control gear	Elektronický
Suitable for frequent switching	Ano
Ambient temperature	-40..+85 °C

### Mounting methods/application

Mounting method	Šroubováním nebo lepením páskou 3M
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### Physical characteristics

Type of chip	SMD 5060 SAMSUNG
Dimensions (mm)	54,3 x 44 x 8 mm
Spacing of modules	100 mm mm
Packing method	100 - 1
Weight gross	0,7 kg/balení 100 kusů g
Weight netto	1,576 kg/50 ks g
Lamp shape	G45
Number of LEDs	5
Fuses	Ano 1x

### EuP Parameters

Average Lifetime B50 (h)	25000 h
Luminescence Life maintenance factor	50,0 %
Number of maximal switching cycles	>100.000 cyklů při 0°C
The rate of premature failures	<0,5% %
Rated service life	50000 h
Energy consumption (AGGR)	1,65 kWh/1000h
Turn-on time	Instant/okamžitý start s
GLS replacement	15,4 W W

### Additional information

Note	Odolné vibracím, prachotěsné provedení
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### Lighting characteristics

Color rendering	2C
Light Colour	cool daylight/chladná denní
Dominant wavelength	451 nm
Luminous flux	140 lm

Colour temperature	6500 K
Colour rendering index CRI	>80 Ra8 Ra
Colour of light	865
Beam angle Degrees (°)	140 °
Chromaticity coordinates x	0,329
Chromaticity coordinates y	0,347

#### Safety information

Insulation class	Dvojitou izolací
Safety instructions	www.nbb.cz

#### Environmental characteristics

Mercury content	0,00 mg
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#### Energetic characteristics

Lamp Power factor (PF)	0,9
Rated efficiency after 100h	99,9 % %
Lamp efficacy	75,0 lm/W

#### Exclusion of liability

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#### 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](http://www.retela.cz)).

#### 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

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

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