



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

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



## Product Data Sheet

Zářivkové svítidlo do vyšších výšek (high bay)



## SAULA LED LN 230W IP65 LN-EN4/4L/8000

Order number

**910465190**

Unit EAN13 code

**8595209945877**

### General information

Model/Description	<b>Svítidlo LED s IP65</b>
Brand/Manufacturer	<b>ECOLIGHT</b>
Material	<b>Powder coated mild steel / Práškem potažená měkká ocel</b>
Lamp type	<b>LED</b>
Nominal service life (h)	<b>50000 h</b>
Degree of protection (IP)	<b>IP65</b>
Dimmable	<b>Ne</b>
Lamp type	<b>Ostatní</b>
Nominal voltage (V)	<b>230 - 240 V</b>
Degree of protection (IP)	<b>IP65</b>
Suitable for number of lamps	<b>8</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>4</b>
Počet LED kanálů	<b>4</b>

### Electrical characteristics

Nominal wattage	<b>230 W</b>
Operating voltage (V)	<b>220 - 240 V</b>
Endurance	<b>277 V</b>
Type of Voltage	<b>AC</b>
Lowest permitted operating voltage (V)	<b>120 V</b>
Lamp power	<b>255 W</b>
Circuit	<b>Ostatní</b>
Voltage type	<b>AC</b>
Lamp power at multiwatt	<b>Ostatní</b>

Nominal current (A)	1 A
Total power (W) (light fitting)	230 W

### Working conditions

Integrated driver	Ano
Operating frequency	50 - 60 Hz
Working temperature of the ballast body -Tc max	75 °C
Protection against overvoltage	Ano
Burning position	Libovolná
Installation height (m)	4 - 15 m
Application	Všeobecné osvětlování
Ambient temperature	-35/+70 °C
Applicable with movement sensor	Ano
Suitable for emergency lighting	Ne
Fire resistance "D"	Ano
Type of dimming	Nestmívatelné
Emergency unit integrated	Ne

### Mounting methods/application

Mounting method	Závěsná
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### Physical characteristics

Numbers of ballasts	2
Dimensions (mm)	1210 x 445 x 60 mm
Packing method	1 - 2
Weight gross	7000 g
Spacing of fixing holes	1000+/-20 mm
Pictogram	Ne
Width	445 mm
Colour housing	Bílá
Weight netto	6500 g
Ball-proof	Ne
Length	1210 mm
Height/depth (mm)	60 mm
Material housing	Ocelový plech
Material reflector	Bez reflektoru
Impact strength	IK07
With protective cover	Ano

### EuP Parameters

Average Lifetime B50 (h)	50000 h
Luminaire maintenance factor	0,9
Number of maximal switching cycles	>50000
The rate of premature failures	<1 %
Rated service life	50000 h
Turn-on time	<1 s

### Additional information

With lamp	Ano
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### Lighting characteristics

Luminous flux	28750 lm
Colour rendering index CRI	80 Ra
Direct-/indirect proportion separately controllable	Ano
Light outlet	Přímé
Light sharing	Široký úhel
Colour temperature	4000 - 4200 K
Effective luminous flux	28750 lm
Colour	Bílá

### Safety information

Insulation class	Třída I
Safety instructions	<a href="http://www.nbb.cz">www.nbb.cz</a>
Protection class	Ochranným vodičem

### Energetic characteristics

Energy Efficiency Index	A1
Lamp Power factor (PF)	>0,95

### 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

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 (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

