



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

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

## Product Data Sheet

svítidlo do velké výšky 100W

**U4 VOYAGER 100W/840  
IP66 90°**

Order number  
**253231220**



### General information

|                           |                              |
|---------------------------|------------------------------|
| Nominal voltage (V)       | 230 - 240 V                  |
| Degree of protection (IP) | IP66                         |
| Název položky             | U4 VOYAGER 100W/840 IP66 90° |

### Electrical characteristics

|                     |                       |
|---------------------|-----------------------|
| Lamp power          | 100 W                 |
| Circuit             | Paralelně-kompenzační |
| Voltage type        | AC                    |
| Nominal current (A) | 0,456 A               |

### Working conditions

|                      |                            |
|----------------------|----------------------------|
| Type of control gear | Elektronický nestmívatelný |
|----------------------|----------------------------|

### Mounting methods/application

|                 |         |
|-----------------|---------|
| Mounting method | Závěsná |
|-----------------|---------|

### Physical characteristics

|                    |           |
|--------------------|-----------|
| Type of chip       | CREE      |
| Colour housing     | Černá     |
| Weight netto       | 2944 g    |
| Diameter           | 261 mm    |
| Ball-proof         | Ano       |
| Height/depth (mm)  | 172 mm    |
| Material housing   | Aluminium |
| Material reflector | Aluminium |

|   |                   |
|---|-------------------|
| Impact strength                                     | IK08              |
| With protective cover                               | Ano               |
| Number of LEDs                                      |                   |
| <b>EuP Parameters</b>                               |                   |
| Rated service life                                  | 45000 h           |
| <b>Additional information</b>                       |                   |
| With lamp   | Ano               |
| <b>Lighting characteristics</b>                     |                   |
| Light Colour  | chladná bílá      |
| Colour temperature                                  | 4200 K            |
| Radiation angle                                     | 90 °              |
| Colour rendering index CRI                          | 80 Ra             |
| Colour of light                                     | 840               |
| Direct-/indirect proportion separately controllable | Ano               |
| Light outlet  | Přímé             |
| Light sharing                                       | Úzký úhel         |
| Colour temperature                                  | -400/+400 K       |
| Effective luminous flux                             | 15000 lm          |
| Colour  | Bílá              |
| <b>Safety information</b>                           |                   |
| Protection class                                    | Ochranným vodičem |
| <b>Energetic characteristics</b>                    |                   |
| Lamp Power factor (PF)                              | 0,98              |
| <b>Exclusion of liability</b>                       |                   |

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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 (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

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