



NBB Bohemia s.r.o.

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



Product Data Sheet

LED reflektor IP65

**ORION LED 230-240V
30W 4200K IP65 black**

Order number

253202120

Unit EAN13 code

8595209944931



General information

| | |
|--------------------------------------|--|
| Model/Description | LED reflektor |
| Finish | Průmyslový |
| Brand/Manufacturer | NBB |
| Material | Aluminium |
| Nominal service life (h) | 30000 h |
| Degree of protection (IP) | IP65 |
| Dimmable | Ne |
| With light sensor | Ne |
| Suitable for suspended mounting | Ne |
| Lamp type | LED |
| Nominal voltage (V) | 230 - 240 V |
| Degree of protection (IP) | IP65 |
| Suitable for number of lamps | 1 |
| Suitable for wall mounting | Ano |
| Control gear included | Ne |
| Suitable for traverse mounting | Ano |
| Suitable for pedestal/floor mounting | Ano |
| Suitable for light-track mounting | Ne |
| Suitable for clamp-mounting | Ne |
| Suitable for ceiling mounting | Ano |
| Dimmable by conventional dimmers | Ne |
| Název položky | ORION LED 230-240V 30W 4200K IP65 black |

Electrical characteristics

| | |
|-----------------|-------------|
| Nominal wattage | 30 W |
|-----------------|-------------|

| | |
|--|-------------|
| Rated power (W) | 30,8 W |
| Operating voltage (V) | 110 - 240 V |
| Type of Voltage | AC |
| Lowest permitted operating voltage (V) | 110 V |
| Voltage type | AC |
| Nominal current (A) | 0,262 A |
| System power | 30 W |

Working conditions

| | |
|---|----------------------------|
| Average lifetime of the ballast (h) | 30000 h |
| Integrated driver | Ano |
| Light source is part of the fixture | Ano |
| Working temperature of the ballast body -Tc max | 95 °C |
| Type of cooler | Aluminium |
| Installation height (m) | 3 - 4 m |
| Application | Všeobecné osvětlování |
| Suitable for through-wiring | Ne |
| With movement sensor | Ne |
| Type of control gear | Elektronický nestmívatelný |
| Suitable for frequent switching | Ano |
| Ambient temperature | -30/+45 °C |
| Fire resistance "D" | Ano |
| Type of dimming | Nestmívatelné |

Mounting methods/application

| | |
|-----------------|-----------|
| Mounting method | Přisazená |
|-----------------|-----------|

Physical characteristics

| | |
|---------------------|-------------------|
| Numbers of ballasts | 1 |
| Number of couplings | 1 |
| Type of chip | SMD2835 |
| Dimensions (mm) | 242 x 203 x 66 mm |
| Packing method | 1 - 4 |
| Weight gross | 1921 g |
| Width | 203 mm |
| Reflector | Matný |
| Colour housing | Černá |
| Weight netto | 1772 g |
| Length | 242 mm |
| Height/depth (mm) | 66 mm |
| Material housing | Aluminium |
| Impact strength | IK10 |
| Type of surface | Matný |
| Number of LEDs | 60 |
| Adjustability | Vertikálně |

EuP Parameters

| | |
|--------------------------|---------|
| Average Lifetime B50 (h) | 30000 h |
|--------------------------|---------|

| | |
|--|----------------|
| Luminescence Life maintenance factor | 80,0 % |
| Factor of functional reliability (LSF) after nom. life | 50,0 % |
| Time to 60 % luminous flux | 0,3 s |
| Number of maximal switching cycles | >50000 |
| The rate of premature failures | <0,1 % |
| Colour difference | 90 % |
| Rated service life | 30000 h |
| Energy consumption (AGGR) | 33,0 kWh/1000h |
| Turn-on time | <0,3 s |

Additional information

| | |
|-----------|-----|
| With lamp | Ano |
|-----------|-----|

Lighting characteristics

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|----------------------------|---------------|
| Color rendering | 2B |
| Light Colour | chladná bílá |
| Wavelength range | 380 - 780 nm |
| Dominant wavelength | 760 nm |
| Luminous flux | 3300 lm |
| Colour temperature | 4200 K |
| Colour rendering index CRI | 80 Ra |
| Colour of light | 840 |
| Light sharing | Symetrické |
| Radiation angle | Široký úhel |
| Colour temperature | 4000 - 4200 K |
| Effective luminous flux | 3300 lm |
| Colour | Bílá |
| Beam angle Degrees (°) | 120 ° |
| Chromaticity coordinates x | 0,360 |
| Chromaticity coordinates y | 0,320 |

Safety information

| | |
|---------------------|--|
| Safety instructions | www.nbb.cz |
| Protection class | Ochranným vodičem |

Environmental characteristics

| | |
|-----------------|---------|
| Mercury content | 0,00 mg |
|-----------------|---------|

Energetic characteristics

| | |
|-----------------------------|----------|
| Lamp Power factor (PF) | 0,9 |
| Rated efficiency after 100h | 99,99 % |
| Lamp efficacy | 110 lm/W |

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).

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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