



NBB Bohemia s.r.o.

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

Product Data Sheet

LED pouliční lampa

**CORA 240V 80W 4000K
IP66 IK10 LED STREET**

Order number

253422030

Unit EAN13 code

8595209941312



General information

Model/Description	Led pouliční svítidlo
Brand/Manufacturer	NBB
Material	Litý hliník/sklo
Lamp type	LED
Nominal service life (h)	50000 h
Degree of protection (IP)	IP66
Dimmable	ne
Max. lamp power	80 W
Lamp type	LED
Nominal voltage (V)	230 - 240 V
Degree of protection (IP)	IP66
Suitable for number of lamps	1
Remote control	Není dostupné
With wireless control	Ne
With light regulation program control	Ne
Dimmable by conventional dimmers	Ne
Název položky	CORA 240V 80W 4000K IP66 IK10 LED STREET

Electrical characteristics

Nominal wattage	80 W
Rated power (W)	80 W
Operating voltage (V)	100 - 240 V
Endurance	277 V
Type of Voltage	AC
Lowest permitted operating voltage (V)	100 V

Direct connection to the mains	Ano
Lamp power	80 W
Circuit	Paralelně-kompenzační
Voltage type	AC
Nominal current (A)	0,35 A

Working conditions

Burning position	Horizontální
Installation height (m)	6 - 9 m
Application	Veřejné osvětlení
Lamp holder type	Ostatní
Type of control gear	Digitální elektronický
Suitable for frequent switching	Ano
Ambient temperature	-30/+60 °C
Applicable with movement sensor	Ano
Type of dimming	Není k dispozici
Constant luminous flux control	Ne

Mounting methods/application

Mounting method	Na sloup/Na výložník
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Physical characteristics

Type of chip	CREE-XTE R5
Dimensions (mm)	620 x 295 x 152 mm
Packing method	1
Weight gross	7300 g
Width	295 mm
Height	152 mm
Colour housing	Stříbrná
Weight netto	6300 g
Total length	620 mm
Cable length	0 mm
Material housing	Aluminium
Material cover	Transparentní sklo
Impact strength	IK10
Power cable with quick coupling	Ne
Number of LEDs	48
Coated	Ne
Průměr výložníku	60 - 65 mm

EuP Parameters

Average Lifetime B50 (h)	50000 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	<1 %

Colour difference	90 %
The light source is designed for outdoor and industrial use	Ano
Rated service life	50000 h
Energy consumption (AGGR)	80 kWh/1000h
Turn-on time	<0,3 s

Additional information

With lamp	Ano
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Lighting characteristics

Color rendering	2B
Light Colour	chladná bílá
Wavelength range	400 - 700 nm
Dominant wavelength	445 nm
Luminous flux	7200 lm
Colour temperature	4000 K
Colour rendering index CRI	75 Ra
Colour of light	740
Adjustable optics	Ne
Colour temperature	4000 - 4200 K
Effective luminous flux	7200 lm
Colour	Bílá
Chromaticity coordinates x	0,3644
Chromaticity coordinates y	0,3650

Safety information

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

Environmental characteristics

Mercury content	0,00 mg
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Energetic characteristics

Lamp Power factor (PF)	>0,9
Rated efficiency after 100h	99,99 %
Lamp efficacy	90 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

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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