



## Product Data Sheet

LED architektonické svítidlo s vysokým krytím

**SHYLUX LED FL 240V**  
**86W/740 4000K 20° IP66**  
**SL1102UC-36**



Order number

**912600230**

Unit EAN13 code

**8595209944115**

### General information

Model/Description	<b>Architektonické svítidlo</b>
Finish	<b>Reflektorové</b>
Brand/Manufacturer	<b>SHYLUX</b>
Material	<b>Aluminium/sklo</b>
Nominal service life (h)	<b>50000 h</b>
Degree of protection (IP)	<b>IP66</b>
Dimmable	<b>Ne</b>
Lamp voltage (V)	<b>240 V</b>
With light sensor	<b>Ne</b>
Suitable for suspended mounting	<b>Ne</b>
Lamp type	<b>LED</b>
Nominal voltage (V)	<b>220 - 240 V</b>
Degree of protection (IP)	<b>IP66</b>
Suitable for number of lamps	<b>1</b>
Suitable for wall mounting	<b>Ano</b>
Suitable for traverse mounting	<b>Ano</b>
Suitable for pedestal/floor mounting	<b>Ano</b>
Suitable for light-track mounting	<b>Ne</b>
Suitable for clamp-mounting	<b>Ne</b>
Suitable for ceiling mounting	<b>Ano</b>
Název položky	<b>SHYLUX LED FL 240V 86W/740 4000K 20° IP66 SL1102UC-36</b>

### Electrical characteristics

Nominal wattage	<b>86 W</b>
Rated power (W)	<b>86 W</b>

Operating voltage (V)	220 - 240 V
Type of Voltage	AC
Voltage type	AC
Suitable for lamp power	86 W
Frequency	50 - 60 Hz
Nominal current (A)	0,374 A
System power	86 W
Jmenovité napětí	230 - 240 V

#### Working conditions

Integrated driver	Ano
Application	Venkovní architektonické osvětlování
Suitable for through-wiring	Ne
Lamp holder type	Ostatní
With movement sensor	Ne
Ambient temperature	-25/+50 °C
Fire resistance "D"	Ano
Type of dimming	Nestmívatelné
Driver included	Ano

#### Mounting methods/application

Mounting method	Přisazená
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#### Physical characteristics

Type of chip	CREE
Dimensions (mm)	Ø220 x 312 mm
Packing method	1
Weight gross	7415 g
Width	234 mm
Outer diameter	220 mm
Reflector	Ostatní
Colour housing	Šedá
Weight netto	7060 g
Length	200 mm
Height/depth (mm)	312 mm
Material housing	Aluminium
RAL-number (akin)	9023
Impact strength	IK10
Type of surface	Matný
Number of LEDs	36
Adjustability	Horizontálně

#### EuP Parameters

Average Lifetime B50 (h)	50000 h
Luminescence Life maintenance factor	70,0 %
Factor of functional reliability (LSF) after nom. life	50,0 %
Number of maximal switching cycles	>100000

The rate of premature failures	<1 %
Colour difference	90,0 %
Rated service life	50000 h
Energy consumption (AGGR)	94,6 kWh/1000h
Turn-on time	<0,3 s

#### Additional information

With lamp	Ano
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#### Lighting characteristics

Light Colour	chladná bílá
Wavelength range	380 - 780 nm
Dominant wavelength	583 nm
Luminous flux	6511 lm
Colour temperature	4000 K
Colour rendering index CRI	75 Ra
Colour of light	740
Light sharing	Symetrické
Radiation angle	Úzký úhel
Colour temperature	4000 - 4200 K
Effective luminous flux	6511 lm
Colour	Bílá
Beam angle Degrees (°)	20 °
Chromaticity coordinates x	0,386
Chromaticity coordinates y	0,388

#### Safety information

Insulation class	Třída I
Safety instructions	<a href="http://www.nbb.cz">www.nbb.cz</a>
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	75,80 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

LED architectural luminaire with high protection IP66 for outdoor use, with an angle of 20°, color temperature 4000K , power supply 230-240V , non-dimmable .

**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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