



## Product Data Sheet

LED architektonické svítidlo s vysokým krytím

**SHYLUX LED FL 24V 86W**  
**DMX512 30° IP66**  
**SL1102UC-36**



Order number

**912600291**

Unit EAN13 code

**8595209944160**

### 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>Ano</b>
Lamp voltage (V)	<b>24 V</b>
With light sensor	<b>Ne</b>
Suitable for suspended mounting	<b>Ne</b>
Lamp type	<b>LED</b>
Nominal voltage (V)	<b>24 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 24V 86W DMX512 30° IP66 SL1102UC-36</b>

### Electrical characteristics

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

Operating voltage (V)	<b>24 V</b>
Type of Voltage	<b>DC</b>
Direct connection to the mains	<b>Ne</b>
Voltage type	<b>DC</b>
Nominal current (A)	<b>3,58 A</b>
System power	<b>95 W</b>
Jmenovité napětí	<b>24 V</b>

#### **Working conditions**

Integrated driver	<b>Ne</b>
Dimmable range	<b>0 - 100 %</b>
Application	<b>Venkovní architektonické osvětlování</b>
Suitable for through-wiring	<b>Ne</b>
Lamp holder type	<b>Ostatní</b>
With movement sensor	<b>Ne</b>
Ambient temperature	<b>-25/+50 °C</b>
Fire resistance "D"	<b>Ano</b>
Type of dimming	<b>DMX</b>
Driver included	<b>Ne</b>

#### **Mounting methods/application**

Mounting method	<b>Přisazená</b>
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#### **Physical characteristics**

Type of chip	<b>CREE</b>
Dimensions (mm)	<b>Ø220 x 312 mm</b>
Packing method	<b>1</b>
Weight gross	<b>6420 g</b>
Width	<b>234 mm</b>
Outer diameter	<b>220 mm</b>
Reflector	<b>Ostatní</b>
Colour housing	<b>Šedá</b>
Weight netto	<b>7060 g</b>
Cable length	<b>500 mm</b>
Length	<b>200 mm</b>
Height/depth (mm)	<b>312 mm</b>
Material housing	<b>Aluminium</b>
RAL-number (akin)	<b>9023</b>
Impact strength	<b>IK10</b>
Type of surface	<b>Matný</b>
Number of LEDs	<b>36</b>
Adjustability	<b>Vertikálně</b>

#### **EuP Parameters**

Average Lifetime B50 (h)	<b>50000 h</b>
Luminescence Life maintenance factor	<b>70,0 %</b>
Factor of functional reliability (LSF) after nom. life	<b>50,0 %</b>

Time to 60 % luminous flux	<0,3 s
Number of maximal switching cycles	>100000
The rate of premature failures	<1 %
Colour difference	80,0 %
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	RGB
Wavelength range	380 - 780 nm
Luminous flux	6511 lm
Light sharing	Symetrické
Radiation angle	Úzký úhel
Effective luminous flux	6511 lm
Colour	RGB
Beam angle Degrees (°)	30 °

#### Safety information

Insulation class	Třída III
Safety instructions	www.nbb.cz
Protection class	Bezpečným napětím

#### 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	75,70 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

**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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