



## Product Data Sheet

Reflektorové LED barevné (RGB DMX) svítidlo

**SHYLUX LED FL 36V DC  
102W RGB (DMX512) 12°  
SL 1260 IP66**



Order number

**912600340**

Unit EAN13 code

**8595209945457**

### General information

Model/Description	<b>Architektonické svítidlo</b>
Finish	<b>Reflektorové</b>
Brand/Manufacturer	<b>SHYLUX</b>
Material	<b>Aluminium/sklo</b>
Lamp type	<b>LED</b>
Nominal service life (h)	<b>50000 h</b>
Degree of protection (IP)	<b>IP66</b>
Nominal voltage (V)	<b>36 V</b>
Dimmable	<b>Ano</b>
With light sensor	<b>Ne</b>
Suitable for suspended mounting	<b>Ne</b>
Lamp type	<b>LED</b>
Nominal voltage (V)	<b>230 - 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 36V DC 102W RGB (DMX512) 12° SL 1260 IP66</b>

### Electrical characteristics

Nominal wattage	<b>102 W</b>
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Rated power (W)	102 W
Operating voltage (V)	36 V
Type of Voltage	DC
Direct connection to the mains	Ne
Lamp power	102 W
Voltage type	DC
Nominal current (A)	2,50 A
System power	102 W

#### Working conditions

Integrated driver	Ne
Dimmable range	0 - 100 %
Maximum permitted storage temperature	80 °C
Burning position	Libovolná
Application	Venkovní architektonické osvětlování
Suitable for through-wiring	Ne
With movement sensor	Ne
Type of control gear	Elektronický nestmívatelný
Ambient temperature	-25/+50 °C
Fire resistance "D"	Ano
Type of dimming	DMX
Driver included	Ne

#### Mounting methods/application

Mounting method	Přisazená
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#### Physical characteristics

Type of chip	Cree
Dimensions (mm)	Ø220 x 200 mm
Packing method	1
Width	224 mm
Outer diameter	220 mm
Reflector	Ostatní
Colour housing	Šedá
Weight netto	5700 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	Vertikálně

#### EuP Parameters

Average Lifetime B50 (h)	50000 h
Luminescence Life maintenance factor	80 %

Factor of functional reliability (LSF) after nom. life	50 %
Number of maximal switching cycles	>100000
The rate of premature failures	<0,1 %
Colour difference	90 %
The light source is designed for outdoor and industrial use	Ano
Rated service life	50000 h
Energy consumption (AGGR)	66,0 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	4548 lm
Colour rendering index CRI	75 Ra
Light sharing	Symetrické
Radiation angle	Úzký úhel
Colour temperature	3600 - 4400 K
Effective luminous flux	4548 lm
Colour	Bílá
Beam angle Degrees (°)	12 °

#### 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	99,9 %
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

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