



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	Architektonické svítidlo
Finish	Reflektorové
Brand/Manufacturer	SHYLUX
Material	Aluminium/sklo
Lamp type	LED
Nominal service life (h)	50000 h
Degree of protection (IP)	IP66
Nominal voltage (V)	36 V
Dimmable	Ano
With light sensor	Ne
Suitable for suspended mounting	Ne
Lamp type	LED
Nominal voltage (V)	230 - 240 V
Degree of protection (IP)	IP66
Suitable for number of lamps	1
Suitable for wall mounting	Ano
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
Název položky	SHYLUX LED FL 36V DC 102W RGB (DMX512) 12° SL 1260 IP66

Electrical characteristics

Nominal wattage	102 W
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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	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	99,9 %
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).

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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