



## Product Data Sheet

LED svítidlo do velké výšky, komponenty TRIDONIC

**RAMUNE (UFO) LED RM  
ECO 85W AC 220-240V  
IP65 dimmable 1-10V**



Order number  
**253231020**

### General information

Brand/Manufacturer	ECOLIGHT
Material	Aluminium
Lamp type	LED
Nominal service life (h)	60000 h
Degree of protection (IP)	IP65
Dimmable	Ano
Max. lamp power	85 W
Lamp type	LED
Nominal voltage (V)	220 - 240 V
Degree of protection (IP)	IP65
Suitable for number of lamps	1
With wireless control	Ne
With light regulation program control	Ne
Dimmable by conventional dimmers	Ne
Název položky	RAMUNE (UFO) LED RM ECO 85W AC 220-240V IP65 dimmable 1-10V

### Electrical characteristics

Nominal wattage	85 W
Rated power (W)	85 W
Operating voltage (V)	220 - 240 V
Type of Voltage	AC
Direct connection to the mains	Ano
Lamp power	85 W
Circuit	Paralelně-kompenzační
Voltage type	AC

**Working conditions**

Burning position	Horizontální
Lamp holder type	Ostatní
Type of control gear	Stmívatelný 1-10V
Suitable for frequent switching	Ano
Ambient temperature	-20/+45 °C
Applicable with movement sensor	ne
Type of dimming	1-10 V
Constant luminous flux control	Ne

**Mounting methods/application**

Mounting method	Závěsná
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**Physical characteristics**

Dimensions (mm)	Ø248x155mm mm
Packing method	1
Weight gross	7000 g
Width	248 mm
Height	155 mm
Colour housing	Černá
Weight netto	7000 g
Total lenght	248 mm
Material housing	Aluminium
Material cover	Transparentní sklo
Impact strength	IK10
Power cable with quick coupling	Ne

**EuP Parameters**

Average Lifetime B50 (h)	60000 h
Luminescence Life maintenance factor	80,0 %
Factor of functional reliability (LSF) after nom. life	50,0 %
Number of maximal switching cycles	>50000
The rate of premature failures	<1 %
Rated service life	60000 h

**Additional information**

With lamp	Ano
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**Lighting characteristics**

Light Colour	chladná bílá
Wavelength range	400 - 700 nm
Dominant wavelength	440 nm
Luminous flux	10400 lm
Colour temperature	4000 K
Colour rendering index CRI	7000 Ra
Adjustable optics	Ne
Colour temperature	4000 - 4250 K

Effective luminous flux	10400 lm
Chromaticity coordinates x	0,364
Chromaticity coordinates y	0,365

### 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	122 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 (LVD)

LED light sources ranks among electrotechnical products powered by mains 230-240V. For safety reasons, it is recommended that the assembly, connection or disassembly be carried out by a person with an appropriate electrotechnical qualification. When installing or disassembling, it is advisable to disconnect the power supply otherwise there may be a risk of electric shock. Only use the product in the luminaires designed for this type of light source. The manufacturer can not be held responsible for damages resulting from inappropriate connection, connection to an unsuitable distribution system, or damages resulting from mechanical damage to the light source. Observe the operating values on the product. Do not expose the product to inappropriate weathering or high temperatures unless it is expressly stated that the product is intended to be operated under these conditions. When installing, wiring or disassembling, follow the generally accepted safety precautions.

### 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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