

Technical parameters

Model	IR-576	
LED Array Wavelength, nm	880±20	940±20
Effective illumination range (see n. Product purpose), m	350	250
Viewing angle, 2θ _{0,5} , °	18±3	
LED Array Consumption	12V; 8,2max A	
Dimensions, mm	394x317(304) x92 (170)	
Color	Black	
Weight, kg	6,8	
Operating temperature, °C	-30...+40	
Protection Standard	IP66	
Power supply (optional)		
Input voltage range, V AC	110-220 selectable by switch	
Output voltage, V DC	12±0,6	
Dimensions, mm	222x170x55	
Weight, kg	1,65	

Product purpose.

The IR-illuminator is designed for the covert illumination of the observed object in the conditions of insufficient illuminance.



Warning!

Dissolvents and chemical reagents are never allowed for cleaning!

Storage rules.

The illuminator should be stored in the closed space without corrosive medium in the form of vapour and acids and alkali mist. The ambient air temperature should be from -50°C to +50°C; the air relative humidity should not be above 95% at the temperature of 25°C.

Warranty.

The producer or the supplier guarantees the IR-576 series illuminator conformity to the technical requirements under condition that the user observes the storage and operation rules provided by the instruction manual. The warranty period is 36 months from the date of sale. The warranty validity expires in case of the user non-observance of the storage or operation rules, case integrity breach or voluntary repair, alteration, modernization etc.

The distance of the illumination is indicated for the black and white video camera without IR correction featured with the 1/3" matrix the sensitivity of which is no worse than $1,5 \cdot 10^{-5}$ W/m² in the IR wavelength band of 0,8...1 μm (the equivalent of the video camera with the sensitivity of 0,01 lx), the objective relative focal length is F1.4.. The illuminator for outdoors usage only. During the installation it is necessary to provide free circulation of the ambient air round the case of the illuminator for cooling.

Set of delivery.

IR illuminator – 1 pc, power supply – 1 pc, packing – 1 pc, instruction manual – 1 pc.

The device design.

Constructively the illuminator consists of the case, made of aluminum alloy. On the face side of the case the luminodiodes are installed, they are covered with the light filter made of special plastic. The back side of the illuminator has radiator fins.

Certificate of acceptance.

ID number _____

The illuminator passed the engineering control test and is considered to be in operational condition.

ECD(Engineering Control Department) Stamp

Date of the test _____

Trade organization _____
(Place for stamp)

Date of sale _____

Signature of the buyer _____

Safety measures.

This IR illuminator complies with EN60065:2001+Amd1:Audio, Video & similar electronic apparatus: Safety requirements and Maximum Permissible Exposure limits of IEC60825-1. This product conforms to EMC Directive 89/336/EEC as amended by 92/31/EEC and 93/68/EEC.



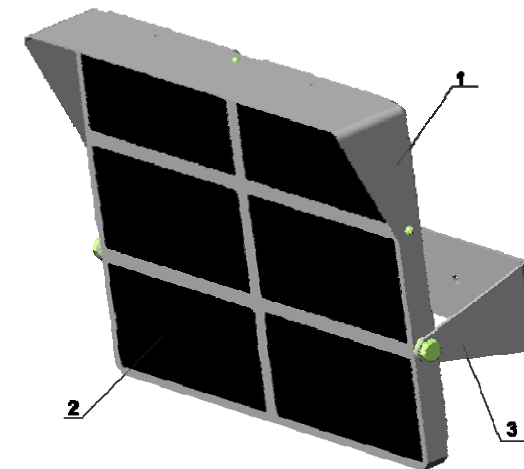
Caution! Invisible LED radiation! Do not view directly with optical instruments (magnifiers). CLASS 1M LED product.

It is forbidden to use the illuminator with the parameters exceeding the maximal permitted values.

Maintenance.

During the illuminator operation as it becomes dirty it is needed to clean the protective light filter and radiator fins.

The radiator cleaning is done by means of dust elimination with the help of a scrub or a brush. When required water can be used. The light filter cleaning is done by wet cotton cloth with the continuous change of the cloth contacting surface to avoid filter surface damage by abrasive material.



Picture 1. The IR-576 illuminator. Main view.

1 – case, 2 – light filter, 3 – bracket

infrared illuminators
MICROLIGHT



CE

Manufactured by MicroLight Co., Ltd.

INFRARED ILLUMINATOR
IR-576

Instruction manual



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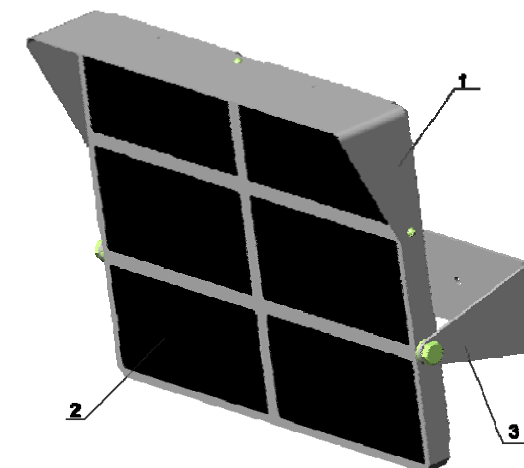
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