

Manual

Description of the device: Floodlight

Type of equipment: OFL-9000

Production time:

Manufacturer:

ON-AIR Kft.

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Derkovits út 132-136

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Manufacturing number(s):

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This manual consists of three pages.

1. Introduction:

This device is suitable to light indoor and outdoor areas with high light demand. Manufactured with highly energy-efficient LED technology.

2. Legal notice:

2.1. Legal protection:

This instruction manual contains drawings and specifications whose use and disclosure to third-party persons is only permitted as far as required for the operation of the device.

2.2. Warranty:

The manufacturer guarantees that the product complies with the data detailed in the manual. The manufacturer reserves the right to develop the device; therefore the construction may slightly differ from the information given in the manual. This deviation always serves the achievement of higher technical standard.

2.3. Guaranty:

The manufacturer offers a **3-year** guarantee on the device from the date of starting up. It includes repair, and replacement product at the manufacturer's premises.

3. Specification:

3.1 Mechanical characteristics:

Dimensions: 240 x 210 x 130 mm (with light fitting fixing lug)
Weight: 2.7 kg
Degree of protection: IP67
Ambient temperature: -20 ... +35 ° C

3.2. Electrical characteristics:

Power supply: 100-240V AC 50-60 Hz (3-wire PEN)
Power consumption: 100 W
Power Factor (PF): 0.99

3.3. Optical characteristics:

Colour temperature:	5000K	3700K	2600K
Maximum luminous flux:	9000 lm	8000 lm	7200 lm
Light source:	18 POWER LED diodes		
Beam angle:	17 °(S) 25 °(M) 44 °(W) (depending on the model)		
Light intensity reduction:	max.25% after 50,000 hours of operation		

4. Technical description:

The **OFL-9000** LED floodlight device's printed circuit is placed on an aluminium cooling rib coated by a Plexiglas cover, and a sheet is also fixed on the rib with a power-supply unit, a junction box, and ground connection. There is a shielding plate on top to prevent the light from leaving for unwanted directions. The power-supply unit is connected to the mains with adjustable lever connectors located in the junction box on the back of the light.

5. Operation:

The unit produces the low voltage, required for the operation, from the 230 V mains; therefore **this device can only be operated from an earthed neutral system (PEN)!**

The OFL-9000 can only be operated within the voltage limits specified in the electrical characteristics.

Only the lid of the junction box should be removed to connect this device.
Do not remove the cover, because it is dangerous and the guaranty may become void!
The device should be installed by a trained and authorized electrician.

6. Maintenance:

The device's maintenance is only limited to the cleaning of the cover, which should be done in every six months.

Check the lamellas of the cooling rib and remove any potential dirt.

If the connections are loose, fix them. Check from time to time whether all the LEDs are lighting.

7. Health and safety:

The device satisfies the Hungarian standards which are in force at the date of the delivery.

WARNING! Concentrated, strong light: Do not look into the light of the switched-on LEDs within 8 metres!

