



# **B FLOODDL60° User Manual**

# User Manual

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# Product introduction













Thank you for purchasing our product. Before carrying out any operations with the product, carefully read this instruction manual and keep it with you for future reference. It contains important information about the installation, usage and maintenance of the unit. Please strictly follow it.

# Safety Instructions

**WARNING:** Do not look at the light source when the device is on.

**CAUTION:** This housing may be hot during and after operation.

- To reduce the risk of electric shock, do not open the device.
- Install this device in a location with adequate ventilation, at least 20 inch (50cm) from adjacent surfaces.
- Do not leave any flammable material within 20 inch (50cm) of this device while operating or connecting to power.
- Do not cover any ventilation openings as this may result in overheating.
- Keep the unit away from children.
- The electric connection should be carried out by a qualified person only.
- Make sure that the available voltage is not higher than the one stated in this manual.
- The power cord should always be in perfect condition. Switch the device immediately off when the power cord is squashed or damaged. It must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Do not connect this device to any dimmer pack.
- ONLY connect this device to a grounded and protected circuit.
- The maximum ambient temperature is 104° F (40° C). Do not operate this device at higher temperatures.
- Always disconnect from the mains when installing, maintaining or cleaning the unit.

	Before operate this unit, please carefully read this users guide and keep if needed in future. It's necessary to respect following rules.
	The disposal of the device after lifecycle could damage the environment, need to take it to special company for recycling or return to authorized dealer.
	The products referred to in this manual conform to the European Community Directives and are therefore marked with CE logo.
	Keep this device away from children and unauthorized users, the manufacturer will not take responsibility for the damage due to any disregard of the information provided in this manual and wrong operation.
	Before operate the device, please make sure the fixture is in good housing, ensure pan and tilt can rotate in its complete range.
<b>--0.5m</b>	Please make sure minimal 0.5m distance need to kept between the fixture to any flammable material.
	The device can only run with 100-240V voltage, 50/60 Hz power, don't connect to any other wrong power. Disconnect the device from main power before open the shield or maintenance.
	Never look directly into the projecting lens when the fixture is power on, the light may trigger epileptic seizures in photosensitive persons or persons with epilepsy. Especially at beam effect, extreme caution and observance of these safety instructions is mandatory.
	Don't put or install the device on a surface that subject to vibration or bumps.
<b>Ta=45°C</b>	The device is supposed to work in the temperate range -15° C and +45° C, do not use the device when the temperate exceed this range.
	The lens, shield need to be replaced when obviously broken, never use the device when the shield is not completed closed.
	Safety I class device, need to be earth connected.
	When the fixture is hanged overhead, the safety rope must be fixed to the bottom of the device to the appropriate fixing point.
	Always carry the device by the bracket, do not take the head directly for transportation.

# Overhead Rigging

The installation of the device has to be done in such a way that it can hold 10 times the weight for 1 hour without any deformation.

The operator has to make sure that all safety-related and machine-technical installations are approved by an expert, before taking the unit in operation for the first time.

Please note: for overhead rigging in public or industrial areas, a series of safety instructions as double safety have to be followed.

# Electrical Operation

**IMPORTANT:** The electrical installation should be carried by qualified person only.

Please note the wire color code while connecting the 2x mains cable:

- G: green/yellow color = Ground earth connection
- N: blue color = Neutral
- L: brown color = Live

This device must be earthed to comply with regulations!

This device can NOT be dimmed, do not connect on a dimmer pack!

## Maintenance and Cleaning

The following points have to be considered during the inspection:

- \* All screws and parts of the device have to be tight and may not be corroded.
- \* There may not be any deformations on the housing, color lenses, fixations and installation spots (ceiling, suspension, trussing).
- \* The electric power supply cables must not show any damage, material fatigue or sediments.

In order to maintain the device in good condition and extend the life time, we recommend to clean the device frequently.

The cleaning of heat sink and external optical lenses must be carried out periodically to optimize light output. The frequency of cleaning depends on the environment in which the fixture operates.

A detailed electric check by certified electrician each three month,

make sure that the circuit contacts are in good condition, to prevent the circuit from overheating due to poor contact.

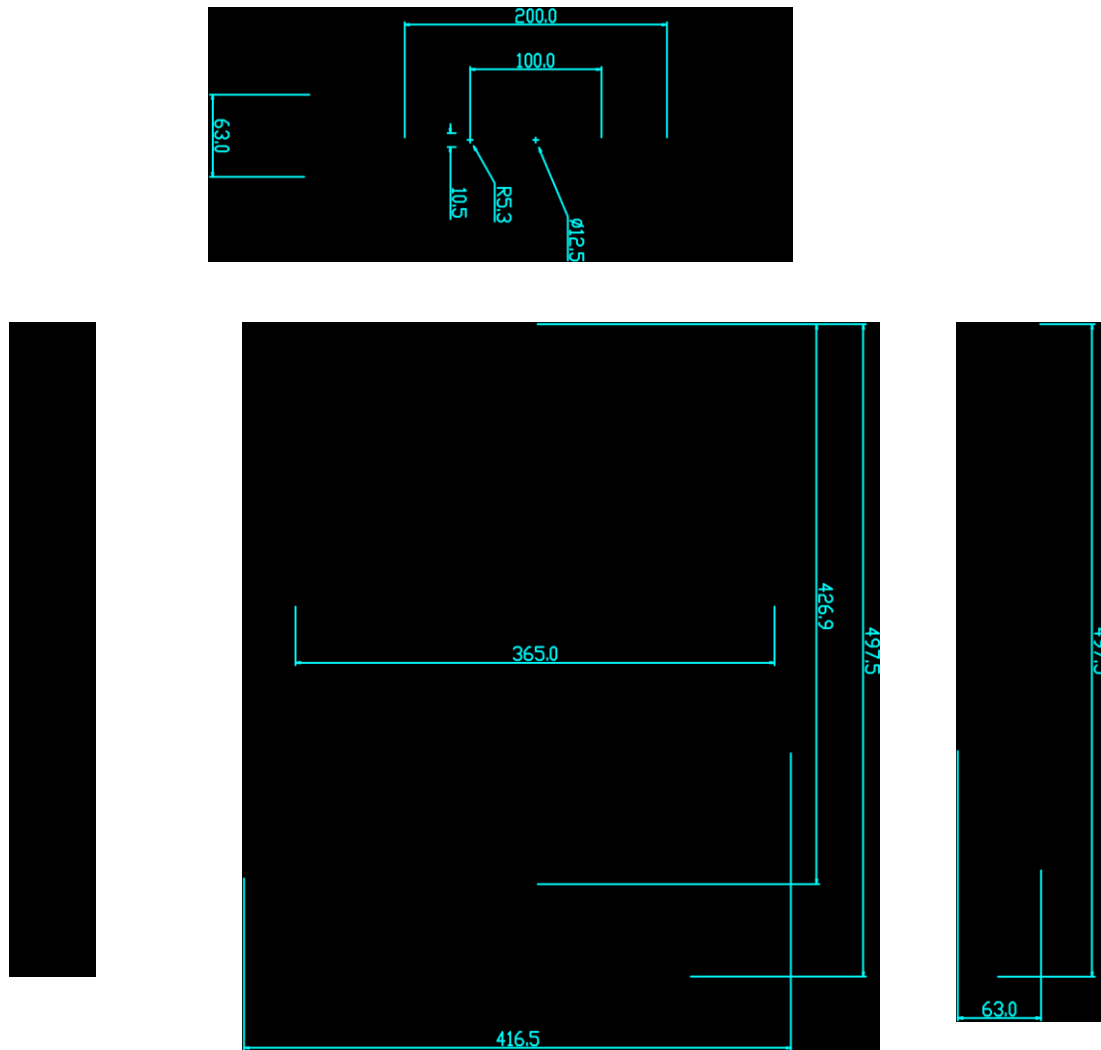
Clean with a soft cloth using glass cleaning products. Never use alcohol or solvents.

Always dry the parts carefully.



# Technical Specifications

## Dimensions drawing



## Physical

Dimensions (WxHxD): 49,7 x 41,6 x 63 cm | 19,6 x 16,4 x 2,5 in

Packaging dimensions (WxHxD): 54 x 42 x 11,5 cm | 21,3 x 16,5 x 4,5 in

4 pcs packing dimensions (WxHxD): 560 x 520 x 440 mm – 22.0 x 20.5 x 17.3 in

Net weight: 6,4 kg | 14,1 lbs

Gross weight: 7.2 kg | 15,9 lbs

4pcs packing gross weight: 29.9 kg – 65,9 lbs

## **Mounting options**

Hanging: Dedicated hanging bracket with M12 mounting hole

Standing: n/a

2<sup>nd</sup> suspension / safety wire: 1x sleeve in bracket of the unit to pass carabiner

## **Control**

Control: on/off by power

Tilt Movement: One hand tilt locking

## **Optical**

Lamp type: LED Fresnel

Beam angle: 60°

Colours: 4.800K

Refresh rate: Flicker free

CRI: 95 Ra

Photometric data B Flood 60°

Light angle: 60° Plano convex lens

Light output

Lux @ 2m: 4.719 lux

Lux @ 5m: 755 lux

Lux @ 10m: 189 lux

## **Electrical**

Fixture rated power: 220W

Power factor: 0.98

LED engine: 320x 1W SMD LED

Input power: 100-240V ~ 50/60Hz | Auto switching power supply

In/Link: 1,5m cable bare ends (choose your plug) | max link current: 10A

IP rating IP66

Cooling Conventional, no fans

## **Accessories**

1x Powercable with bare ends

# Contact

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