



Clarius Mains LED Floodlight

50W, 100W and 200W Floodlight

CLARIUS[®]
LED Illuminators

VCS-50 - 50W Floodlight
VCS-100 - 100W Floodlight
VCS-200 - 200W Floodlight

Quick Installation Guide

w: www.gjd.co.uk t: +44 (0) 1706 363 998 e: sales@gjd.co.uk

Unit 2, Birch Business Park, Whittle Lane, Heywood, Greater Manchester, OL10 2SX, UK

INSTALLATION

This light fitting must be installed by a competent person in accordance with current building and wiring regulations.

As the buyer, installer and/or user of this product it is your own responsibility to ensure that this fitting is fit for the purpose for which you have intended it. GJD cannot accept any liability for loss, damage or premature failure resulting from inappropriate use.

If in any doubt, consult a qualified electrician.

Switch off the mains before commencing installation and remove the appropriate circuit fuse or lock off MCB.

This floodlight is suitable for both indoor and outdoor lighting applications, it has an IP rating of IP65. This means that it is dust tight and will prevent the ingress of water from water jets.

Do not use in areas where an explosive or chemical atmosphere may exist.

Do not use in areas where ventilation is restricted. Ensure that there is space around the floodlight to allow adequate circulation of air

The floodlight must be positioned so that there is at least 0.5m (500mm) between the front of the floodlight and the surface to be illuminated.

It should be placed away from any flammable materials.

Before drilling any fixing holes, check that there are no hidden obstructions behind the mounting surface such as pipes or cables.

The minimum recommended height for installation of the floodlight is 3 metres.

Before starting installation, please read these instructions carefully. Failure to follow them could lead to risk of injury or electrical shock. Please retain them for your future reference.

SAFETY NOTES

- LED lamps are extremely bright. To avoid possible damage to the eyes, do not stare into an LED beam.
- In use, avoid touching any external surface of the floodlight, due to the possibility of high temperatures.
- The floodlight is suitable for connection to 100-240V 50/60Hz.
- If the mains cord lead of this floodlight is damaged, it shall be replaced by the manufacturer or the service agent or a similar qualified person to avoid a hazard.
- The floodlight is suitable for use in an ambient temperature of between -25°C and +50°C.
- The floodlight can under no circumstance be mounted on normally flammable surfaces.

INSTALLATION - CONTINUED

Check that you have all the tools that you need.

1. Check that the floodlight and its mains lead are not damaged. If there is any damage, return it to the place where you purchased it. Do not attempt to repair it yourself.
2. Choose your location to fix the floodlight, taking into account the comments above.
3. Use the floodlight bracket to mark the position of the fixing holes.
4. Drill the fixing holes and fix the floodlight into position using suitable screws and wall plugs.
5. Check that it is securely fixed.
6. Terminate loose ends of wire to an appropriate IP rated junction box or similar, ensuring the Live, Earth and Neutral polarities are observed.
7. Restore power and test the floodlight.
8. Adjust the angle of the floodlight so that it illuminates the required area. The floodlight has a beam angle of 60°. Tighten the floodlight using the bolts on the brackets.

CLEANING

Clean the floodlight only with a soft dry cloth. Do not use any abrasive or chemical cleaners. Allow to cool down before cleaning.

MAINTENANCE

The floodlight has a sealed LED lamp and is maintenance free. The LED lamp cannot be replaced. When the LED lamp reaches the end of its life, the floodlight will have to be replaced.

CERTIFICATIONS

INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronics Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area

RoHS:	Restriction of Hazardous Substances European directive EU 2015/863
Certifications	
WEEE:	Waste Electrical & Electronic Equipment European directive 2012/19/EU 

SPECIFICATIONS - 50W FLOODLIGHT

	50W Floodlight
INPUT VOLTAGE	AC100-240V 50 / 60Hz
POWER	50 Watts
POWER FACTOR	0.95
LEDs	High quality Osram LEDs
BEAM ANGLE	60°
LUMINOUS FLUX	≈7,500lm, Cool white 6000K
COLOUR RENDERING INDEX	Ra = 90
EXPECTED LIFETIME	50000Hr+
PRESSURE VENT	Yes
HOUSING	High thermal conductivity aluminium and Polycarbonate encapsulated lens module
DIMENSIONS	203 x 292 x 62mm
WATERPROOF RATING	IP65
IMPACT RATING	IK09
AMBIENT TEMPERATURE	-25 °C to +50 °C
WARRANTY	3yrs

SPECIFICATIONS - 100W FLOODLIGHT

	100W Floodlight
INPUT VOLTAGE	AC100-240V 50 / 60Hz
POWER	100 Watts
POWER FACTOR	0.95
LEDs	High quality Osram LEDs
BEAM ANGLE	60°
LUMINOUS FLUX	≈15,000lm, Cool white 6000K
COLOUR RENDERING INDEX	Ra = 90
EXPECTED LIFETIME	50000Hr+
PRESSURE VENT	Yes
HOUSING	High thermal conductivity aluminium and Polycarbonate encapsulated lens module
DIMENSIONS	277 x 292 x 62mm
WATERPROOF RATING	IP65
IMPACT RATING	IK09
AMBIENT TEMPERATURE	-25 °C to +50 °C
WARRANTY	3yrs

SPECIFICATIONS - 200W FLOODLIGHT

	200W Floodlight
INPUT VOLTAGE	AC100-240V 50 / 60Hz
POWER	200 Watts
POWER FACTOR	0.95
LEDs	High quality Osram LEDs
BEAM ANGLE	60°
LUMINOUS FLUX	≈30,000lm, Cool white 6000K
COLOUR RENDERING INDEX	Ra = 90
EXPECTED LIFETIME	50000Hr+
PRESSURE VENT	Yes
HOUSING	High thermal conductivity aluminium and Polycarbonate encapsulated lens module
DIMENSIONS	428 x 292 x 62mm
WATERPROOF RATING	IP65
IMPACT RATING	IK09
AMBIENT TEMPERATURE	-25 °C to +50 °C
WARRANTY	3yrs