

# Lowel GL-1 Instructions

**lowel**<sup>®</sup> GL-1<sup>™</sup>  
Power LED



# Operating Lowel GL-1

## Warnings

The Lowel GL-1™ Power LED is a professional AC/DC powered lighting fixture. Read these instructions before operating.

- **Not for house hold use,** use only for professional imaging purposes.
- **Do not immerse unit in water** or use in damp locations.
- **Do not obstruct heat ventilation** for unit.
- **Do not stare directly into LED's.**
- **Always remove batteries** or AC supply, and make sure unit is powered Off, when not in use, or being stored

## Battery Warnings

- **Improper use can cause** explosion
- **Do Not charge battery** unattended
- **Do Not reverse-charge or** reverse-connect
- **Do Not short circuit**
- **Stop using if battery expands**
- **Do not use in temperatures** over 70°C/160°F
- **Do Not expose battery to direct** sunlight
- **The user is fully responsible** for the result of using this battery

## Focusing

### Flood



**GL-1 is a focusing** LED fixture with a ratio of 5:1, spot to flood.

**To focus the unit,** grasp the front of lighthead and slide it forward to spot, or backward to flood the beam.

### As you slide the lamphead

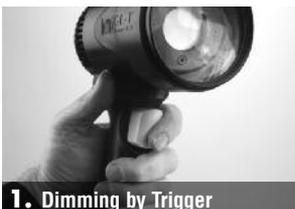
forward, you will see markings on the side of the focus barrel that will give reference points to help quickly reset the light to a previous focus setting.

### Spot



**The markings do not** have any direct numerical correlation to focus or output settings, they are for visual reference.

## Dimming



### 1. Dimming by Trigger

**When powered ON,** the GL-1 can be dimmed **2 ways.**

**1. On the fly,** by squeezing the spring-loaded trigger, to find and temporarily hold at the desired output level setting.



### 2. Trigger Lock Dimming Intensity Wheel

**2. For longer term lighting** where you want to set the dimming level and leave it, first squeeze the trigger all the way in to lock it. Once this is done, GL-1's level can be adjusted using the dimming Intensity Wheel on the back at the top of the handle. This level stays even if the unit's power switch is turned off. Squeeze trigger again to release the lock.

## 82mm Accessory Screw Thread



The screw thread on the front of GL-1's fresnel lens as for adding color changing filters, such as an 82B tungsten to daylight filter for lighting in daylight color conditions.

You can also add an 82 mm lens shade to help prevent direct light spills into the camera lens during timelapse light painting situations.

# Operating Lowel GL-1



## Features

Focusable LED Head

Silent Diaphragm Cooling

Intensity Wheel

Lockable Dimming Trigger

Battery Warning Indicator

Power Switch

AC Input

Rechargeable Battery

1/4-20 Screw  
Tripod Mount



## Tripod Mounting

GL-1 can be mounted on a tripod using the tripod screw thread hole on the bottom of the unit. Exercise caution when moving the light & tripod.

The light will be top heavy and require tight tripod locking of all tilt/pan controls to prevent slipping or drooping.



## Power indicator LED

### 1. Steady Green

Unit is ON and has sufficient power (battery or AC)

### 2. Slowly Flashing Green

Unit has sufficient battery power to run for approx. 10 minutes at full brightness

### 3. Fast Flashing Green

Unit has battery power to run for approx. 2-3 minutes at full brightness.

### 4. Flashing Red

Unit is overheating and is about to shut down. Turn Power Switch OFF and let unit cool for 10-15 minutes.



# Lowel GL-1 Power

## Battery Change/Charge

To remove the GL-1 battery, grasp it at its top side corners and pinch in slightly to release. Slide the battery out and orient it for access to its top rear plug jack. Plug battery wire connector from charger into the battery jack until it locks firmly. Plug in the charger to an AC outlet. Average battery charging time is 2-3 hrs for a drained battery. To power GL-1 by AC, plug the AC adaptor's cord connector into the rear jack at the base of GL-1's handle, and its other plug into an AC outlet. Use the power switch just above the AC jack on the handle, to turn unit on & off. Always keep power switched off when not in use, with battery or AC.

**Important: Do Not store the GL-1 with its battery installed. Also, remove the battery for travel.**



**Battery Removal**



**Battery Charge Connection**



**AC Adaptor Connection**

## GL-1 Accessories & Codes

■ Tiffen 82B Daylight Conversion Filter	8280B
■ Lens Shade	G1-20
■ Spare Battery	G1-15
■ Spare Battery Charger	G1-16
■ Spare AC Adaptor	G1-80
■ Accessory Hard Case	G1-60
■ Accessory Hard Case w/ foam	G1-61

## Accessory Hard Case

The GL-1 ships in a cardboard box with a rigid foam insert, containing cutouts that hold the light, batteries, AC supply and battery charger. Do not discard the insert. The accessory GL-1 Hard Case (G1-60) accepts the insert to allow more protected storage and traveling for the light.



## Problems, Info, Repairs, etc.

Lowel equipment and kits are sold through authorized Lowel Dealers and, in some countries, Authorized Lowel Distributors. Repairs, problems, suggestions, and requests for brochures, instructions, parts lists may be handled by your authorized Lowel Dealer (Distributor) or directly with Lowel. Electrical repairs should be made only by Lowel or a qualified electrician.



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