Lowel V-light Instructions

**General Warnings**

The Lowel V-light is a professional lighting fixture. Read these instructions and lamp manufacturer’s warnings before operating.

- Not for household use, use only for film, video or imaging purposes.
- Do not leave fixture unattended.
- Unplug fixture when not in use.
- V-light is available as either a 120v model or 230v (CE approved) model. Make certain that lamp voltage matches power source voltage. Example: never connect a 120 volt lamp to a 230 volt source.
- Units such as these emit considerable light and heat, and if not properly used, could be dangerous.
- V-light should not be positioned extremely close to people. Ultraviolet light rays can cause damage to the eyes and reddening of the skin. The likelihood of either occurring is increased with length of exposure, focus intensity and proximity. Therefore, lights should be kept away from people.
- V-light safety glass tube must be used to protect people and property in the unlikely event of a defective lamp exploding.
- Avoid aiming the light at, or placing too close to, people, delicate objects or flammable materials.
- For proper ventilation, do not tilt down beyond 45 degrees or operate sideways.
- Lights should be operated with lamp filament horizontal.
- Never operate V-light with the Mounting Bar covering the lamp (bulb).
- Never touch hot parts only touch handles & knobs for light adjustments.
- Do not use near standing water.
- Avoid mounting lights directly over people unless secured with a safety cord or cable.

**V-light Fuse**

The V-light is fused. Fuse A and spare replacements B & C are located under the rear cover plate D of the V-light.

**Technical Data**

| Size closed: | 7.3 x 7.3 x 1.3", (18.5 x 18.5 x 3.3 cm) |
| Weight with cable: | 1.5 lbs. (680 g) |
| Max. wattage: | 500 |
| Max. amperage: | 4.2 at 120 volts |
| Beam control: | door angle provides vertical beam control |
| Fits on: | 5/8" (1.59 m) studs and accessories |
| Materials: | primarily aluminum and Ryton |
| Cable: | 16" (4.88 m) |
| Switch: | in-head U. S. Patent: 4322779 |

**Lamp/Beam Data**

<table>
<thead>
<tr>
<th>Code</th>
<th>Volts</th>
<th>Watts</th>
<th>°K</th>
<th>Avg Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDA</td>
<td>120</td>
<td>500</td>
<td>3150</td>
<td>100 hr</td>
</tr>
<tr>
<td>V1-240/250</td>
<td>240/250</td>
<td>500</td>
<td>3150</td>
<td>100 hr</td>
</tr>
</tbody>
</table>

The above lamps are low-pressure lamps. Tota and V lamps are not interchangeable.

**Performance**

With 120v, 500w, 3150°C. GDA lamp

**V-light Operations**

Loosen the large knob located on the side of the fixture, swing L-link (mounting bar) down away from lamp housing, position housing, and tighten knob, swing reflector doors open. A permanent finger grip is provided on each door to facilitate ease of handling during operation of the unit. The on/off switch is located on the rear panel of the V-light.

**To Store V-light**

When fixture is cool to the touch. Unplug light. Fold the reflector doors back completely and swinging the bracket in front of the lamp and glass sleeve provides protection during handling and storage.

**V-light Fuse**

Model / Code | Volts | Fuse Amps / Volts |
-------------|-------|------------------|
VT-10        | 120   | 5 / 250          |
VT-10CE      | 230   | 2.5 / 250        |

The above lamps are low-pressure lamps. Tota and V lamps are not interchangeable.

**V-light Door Positions**

A. Closed for storage and travel.
B. Maximum light intensity, doors at 75°. Metal stops built into the light’s housing prevent doors from closing beyond the safe operating position.
C. Maximum vertical spread, doors at 180°.
Warning: Always unplug unit before relamping. Lamps must be operated at their rated voltage. Only use low-pressure lamps. Fixture must be cool before lamping. Avoid touching "glass" with bare fingers. Insert lamp carefully to avoid breaking porcelain ends. Due to inconsistencies in lamp (bulb) production, an individual lamp may function for less than rated life. Some lamp manufactures are of better quality than others and may provide longer rated life. Some lamp manufactures are of better quality than others and may provide longer rated life. Some lamp manufactures are of better quality than others and may provide longer rated life.

To change lamps
1. Flip up each porcelain socket holder A at the ends of the V-light and remove glass sleeve and lamp.
2. Insert new lamp B and glass sleeve C carefully. To avoid possible breakage of the safety glass, close these porcelain socket holders very gently over new lamp and glass sleeve.
3. Always install a new lamp with the raised glass "flap" D located at the center of the lamp (bulb) facing forward. Fixture will not operate without using the protective glass sleeve.

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VIP Lamp Pack
Code: VIP-61
Provides transparent, semi-rigid foam filled storage for spare lamps. Never put hot lamps in lampack.

V Lamp Replacement

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Stands
The V-light will lock onto stands with top studs up to 5/8" (16mm). We recommend the either the Lowel Uni-stand or Uni TO Stand. Where elevation greater than nine feet is required, we recommend Lowel KS Stand with Lowel Poles or Half Poles. Lowel Weights add to stand stability and should be used when appropriate. The V-light can be suspended from beams, posts and tops of sets with the use of a Lowel Space-clamps, Lowel Grips, Interlinks, Tota-clamps or other mounting accessories.

Uni-stand
Code: UN-33
Size: 21.5" (54.6 cm) folded. Extends to 7’11”
All aluminum stand, wide base, legs can lie flat to floor, large locking knobs. Folds compactly to fit in smaller kits.

Uni TO Stand
Code: UN-55
Size: 21.5" (54.6 cm) folded. Maximum height: 7’11” (2.4 m)
Base diameter: 43”
Based on design combination of Uni-stand & Omni-stand. More stable than Uni-stand, more compact than Omni Stand.

Mounting Tota-mount & Vipod with Gaffer Tape
Tota-mount
Code: T1-32
Tota-mount supports any of the VIP fixtures atop doors and partitions. Doors can be open or closed. The light can be inside or outside room, since swinging arm extends past most door jambs. Tota-mount can be flipped over and nailed to studio set walls or Gaffer-taped to windows or tile, wood, metal and other wall surfaces.

Gaffer-tape
The highest quality, cloth-backed adhesive tape attaches Lowel mounts to windows and walls.
12 yd roll Code: GT-12
Weight: 6 oz (227 g)
30 yd roll Code: GT-30
Weight: 1.25 lbs (567 g)

Tota-clamp
Code: T1-30
Tota-clamp supports most lights that fit standard 5/8" studs. Tota-clamp can be attached to pipes, stands, or flat surfaces. When clamping on furniture, use thin wood or cardboard to avoid marring. To rotate stud, turn wing nut counterclockwise several turns. The stud can be locked in any of four positions, two for the 5/8” stud and two for the end with the 1/4-20 tapped hole. A 1/4-20 screw can be used to lock on some microphone yokes and various accessories. Tota-clamp has two snap-in fittings for Flexi-shafts.

For additional information on these products & more, consult product instruction sheets, relevant sections in the Lowel Catalog or visit the Stands & Mounts section of www.lowel.com

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.

Lowel VIP System, Lowel V-light, and Lowel Pro-light are trademarks of Lowel-Light Manufacturing, Inc.Patent Nos. 4777566, 4322779, 0011772 (Europe), 1292007 (Japan).
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V-light for the New Pro

The wide angle coverage area of the broad throw V-light makes it the ideal choice for lighting a large area evenly.

The V-light is an open face (lensless) fixture. Therefore its capable of throwing sharp shadows. The V-light's versatility are easily extended by addition of light control accessories. For example, adding a Tota-trella instantly transforms the light into a soft Key (main) light or Fill (secondary) light.

The V-light is a tungsten-halogen source. Its color temperature will be in the 3000–3200k° range, depending on lamp choice. To use V-light in locations where its output will mix with daylight (5600–6500k°), its color temperature can be converted by adding various strengths of day blue gels to the Tota-frame for more realistic white-balancing in video or film.

The V-light & Pro-light are part of the VIP system. As a starting point, when using them together in simple setups, use Pro-light A for focusing on your subject, and a second Pro B for fill if desired. Use a V-light C to illuminate your back-ground evenly. Position of the lights and distance to the subject can be varied for different creative results. Add diffusion gel in a Tota-frame, or attach an umbrella to create a softer source.

For soft Key & Fill in a classic interview setup, use 2 V-lights with reflective umbrellas A & B from 3/4 angles. Varying the distance of either light from the subject will vary the contrast ratio between Key & Fill. V-light's ability to light evenly makes it ideal for archival copy work. See Setup #2 below for further information.

Because the coverage area of the V-light is so wide, it may be necessary to trim its spill, especially to reduce risk of shadow in your shot caused by use of overhead boom microphones. Accessory Tota-shades attach quickly to the light & allow you to cut output on 2 or 4 sides. Flexi-shafts & Tota-flags can also be attached for increased light control options.

Example Setups using V-light

Setup #1
To simply raise the ambient level of light in a room, point the V-light at a white wall or ceiling (from a safe distance of several feet or more). Position the light so it won't be in your shot.

Setup #2
For archival copy work (Example: a painting hung on a wall) start by placing V-lights A & B on stands at 45° angles to the wall, on both sides of the camera. Vary the angle to the wall/camera to reduce unwanted reflection. Large subjects may require 2 V-lights at different heights on each side.

Setup #3
In classic interview setup, use 1 V-light A with diffusion and Tota-frame as the key light, and another V-light B with reflective umbrella as the softer fill light. Vary position & angle to camera for desired creative effect. Note: the output of the V-light key will be harder/sharper than the V-light fill because the umbrella addition creates a softer source.

Option: add a third V-light C to evenly light the background.

These are just some starting suggestions. For an in-depth understanding of the creative decisions involved in the art of lighting, we suggest Ross Lowell's acclaimed book, Matters of Light & Depth. Available from Lowel and many of our dealers.

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BE CAREFUL to gently close ceramic levers around the lamp glass tube. It is fragile and may crack. Insert the lamp so its center nipple faces forward from the fixture.

The Lowel V-light is a professional lighting system. Read the V-light instructions completely, and lamp manufacturers warnings, before operating.