

# **School of Communications Design Media Lab**

# Lowell DV Creator 44 Light Kit Quick Start Guide

The Lowell DV Creator 44 contains four different lights for a variety of lighting situations.

Rifa - softbox good for bathing anything from talking heads to tabletop stills in a soft even light.



Pro-Light – tiny focusable send out even light to be used as a low-level key, accent light, or backlight.



Omni – flexible key, fill, or back light and a soft fill with the umbrella.



Tota-Light – compact and versatile. It can be used with the umbrella or gel-frame and diffusion as a soft key, fill, or back light. An even background light, or pointed at the ceiling as a bounce light.



The kit contains the following items. You are responsible for all items on return:



## **Instructions:**

#### **Tripods:**



# Warnings:

- Do not mount equipment that is too heavy.
- Extend stand sections equally.
- Do not overextend stands. At least 3" of each section should remain unextended.
- Extend base fully.
- Make sure all stand locking knobs are tight.
- Make sure all fixture and accessorylocking screws fit into safety undercut and rotate tight.
- Do not hang equipment over people
- Use a safety cable or cord for equipment mounted overhead.

#### **Umbrellas:**



#### Warnings:

- Do not set the focus on full spot or nearly full spot, when umbrellas are used with high-intensity focusing lights (the Omni) as the fabric will burn.
- Only use the umbrella with the Tota and Omni lighting fixtures.
- When the umbrella is extended high, weigh down the stand with a sandbag to increase stability.

#### Rifa:



#### Warnings:

- Do not pull power cable to adjust fixture.
- Never use without the diffuser cover.
- Never leave unattended.
- Always unplug and allow to cool before packing.
- Do not interfere with the unit's ventilation.
- Do not folder diffuser. Roll around the cardboard rod provided.
- Unit gets hot. Use caution.

#### Rifa Set Up:

1. Remove Rifa from the case, and mount and lock on tripod.



- 2. Release tilt lock handle, tilt light to horizontal, relock tilt handle, release the Velcro strap around the folded assembly.
- 3. Reaffix the strip to itself. Unfurl Rifa-lite reflector material until it loosens.
- 4. Unroll the diffuser.

5. Loosen thumbscrew located on the back end of the fixture.

- 6. While holding the assembly base push the sock/lap cage assembly (DO NOT TOUCH THE LAMP) inward until the assembly "clicklocks" into position.
- 7. Tighten thumbscrew clockwise to lock fixture open. IT MUST BE LOCKED DURING USAGE. IF NOT... IT WILL CAUSE A FIRE.



- 8. Orient on stand with one leg extending straight out under Rifa for best balance.
- 9. Make sure locking handle is on the left SIDE WHEN VIEWED FROM THE REAR, THIS WILL CAUSE LOCK TO TIGHTEN IF LIGHT DROOPS FORWARD ON STAND.
- 10. Attach diffuser panel by placing it over the front of the light inserting the corner pins of the reflector frame through the grommets of the diffuser, securing it with Velcro. NEVER USE RIFA WITHOUT DIFFUSER.



11. Attach the power cord (the one with the switch).



#### To Store:

 Detach the diffuser and roll around the cardboard tube. DO NOT FOLD.

- 2. Hold the stand mounting bracket, loosen thumbscrew on mounting arm assembly and push shaft until frame has collapsed.
- 3. Smooth reflector material and secure with Velcro strap. Tilt light down, remove until from stand and place in sleeve.





#### **Pro-Light:**

#### Warnings:



- 1. Do not leave fixture unattended.
- 2. Unplug fixture when not in use
- 3. Lights should not be positioned extremely close to people. Ultraviolet light ray emissions can cause damage to the eyes and reddening of the skin.
- 4. Avoid aiming the light at, or placing too close or delicate objects or flammable materials.
- 5. Do not interfere with ventilation by covering the lights in any way.
- 6. Do not tilt down beyond 45-degreesor operate sideways.
- 7. Keep power cord away from hot fixture.

#### **Pro-Light Set-up:**

1. Mount Pro-light on tripod tightening thumbscrew.



2. Loosen thumbscrew, and tilt instrument up, retighten thumbscrew.



3. Open barndoors



4. Use the focus knob to move from Spot (narrow beam)



5. to Flood (wide beam).



6. Attach power cable.

#### To Store:

1. Detach Power Cable

2. Close Barndoors – square ones first.

# **Omni-Light:**



# Warnings:

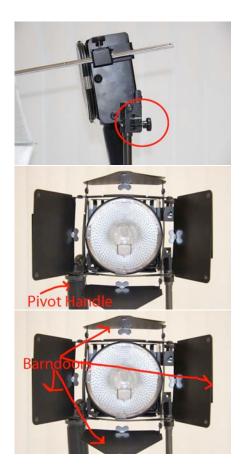
- 1. Do not leave unattended
- 2. The protective screen must be used at all times
- 3. Always operate instrument with lamp filament horizontal
- 4. Do not use Umbrella when focused on spot.

# **Omni-Light Set-up:**

1. Open thumbscrew, place Omnilight on tripod.

2. Pivot the Pivot Handle downward.

3. Snap on the Barndoors. They can be removed by pushing out on two adjacent sides while pulling that corner forward.



- 4. Umbrella: Remove entire barndoor. Set gel-brella bracket to umbrella position (line up arrow guides on back panel). Insert umbrella though hold until shaft appears through opposite hole. Do not position umbrella further into the fixture than the automatic stop allows, or burning may occur. Lock with Knob.
- 5. Gels: Set Gel-brella bracket in gel frame position (line up guides on back panel). Unfold frame, extending frame bar and insert through front hole of gel-brella holder until shaft appears through opposite hole. Lock with knob.
- 6. Gels are secured to the frame with corner spring clips. Gels should not be doubled up.
- 7. Flag: Flags can be secured to the Omni using the Flexi-shaft.







- 8. Insert flex-shaft into flag and instrument. Shaft will bend to position.
- 9. Omni-light can be focused spot or, Flood using the focus knob.



10. Attach Power Cord.

# **Tota-Light:**



## **Tota-Light Warnings:**

- 1. Do not leave unattended.
- 2. The protective Screen must be used at all times
- 3. Tota-light should never be operated with doors either closed or beyond the "safety stop" position.
- 4. Do not interfere with ventilation
- 5. Avoid mounting lights directly over people.

#### Tota-Light Set-up:

1. Operating Positions: Tota-light must been operated with doors open.



- 2. Attaching protective screen:
  Open reflector doors, push long
  open edges of screen into slots
  between open doors of Tota-light.
  When storing the screen protect
  from bending which will effect
  the proper fit.
- 3. Mount on tripod.

4. Carefully open doors until the pins connect with the safety stop.

- 5. The Tota-light can be operated with the pins in the stops OR with the barndoors at 180°. Do not operate with barndoors in any other configuration.
- 6. Umbrella: Insert umbrella though hold until shaft appears through opposite hole. Do not position umbrella further into the fixture than the automatic stop allows, or burning may occur. Lock with Knob.



- 7. Gels: Set Gel-brella bracket in gel frame position (line up guides on back panel). Unfold frame, extending frame bar and insert through front hole of gel-brella holder until shaft appears through opposite hole. Lock with knob.
- 8. Gels are secured to the frame with corner spring clips. Gels should not be doubled up.





9. Attach Power Cable.

# Packing the case:

When finished, please pack the case as pictured.

