## **New Mexico State University Cooperative Extension Service**

## **Innovative Media Research and Extension**

# **LED Light: Parts and Terminology**



Camera LED light

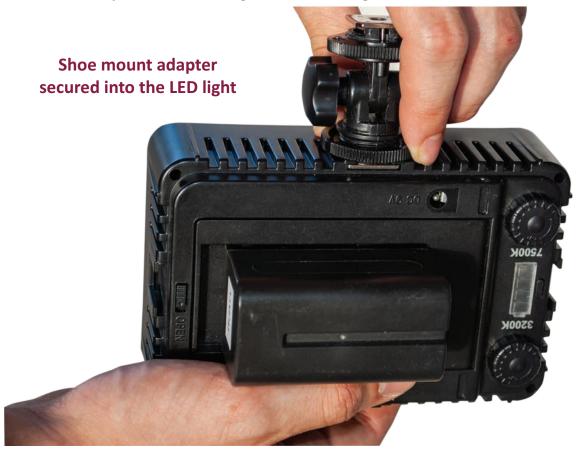


**Shoe mount adapter** 



Mounted on a video cage

The **shoe mount adapter** attaches an **LED light** to a **video camera or a smartphone/tablet video cage**. Use a **shoe mount adapter** to mount the light to the **video cage** or **video camera**.



Attach the **shoe mount connector** to the bottom of the **LED light** by turning the **fastener (round wheel)** counter-clockwise. Slide it into the **slot** on the bottom of the light, then hand tighten it by turning the **fastener** clockwise.



Attach the **LED light** to the **camera, smartphone or tablet video cage** by turning the bottom **fastener (round wheel)** counter-clockwise. Slide it into the **slot** on the **camera or video cage**. Hand tighten it by turning it clockwise.



This **LED light** has a **diffuser** that slides into the face of the light. This **diffuser** reduces the amount of light and softens the light on the subject. The light can be used with or without the **diffuser**.





This LED light can be set up to emit indoor or outdoor light. (Instructions on next page.)

### Indoor light dimmer knob



The indoor and outdoor light adjustments are controlled with the two knobs shown in the photos above. Turn the **3200K knob** clockwise to activate the indoor light. This setting allows you to match light coming from most indoor lamps that cast a warm, soft white, or yellowish-tinted light.

**Outdoor light dimmer knob** 



The outdoor adjustment is done with the **7500K knob**. This light setting is similar to daylight or light cast by daylight bulbs that emit a bright, cool white, or bluish-tinted light. Both knobs are adjustable dimmers that increase or lower the intensity of the light.

Most camera-mounted **LED lights** can be powered in various ways. This one can be powered with an **A/C power supply** (sold separately), **(AA) alkaline batteries**, or with a rechargeable, **lithium-ion battery**.





Lithium-ion battery inserted into backside of LED light





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