




Surface series

24B SMD LED
on Camera Light





The **CLAR Surface 24B SMD LED on Camera Light** is the culmination of technology and art for videography and still photography lighting. Designed for a wide range of venues from press, interview, paparazzi and location work, to studio stills. This superior tool boasts of the worthy position at the forefront of cutting edge, continuous light sources, with 156 SMD LED chips that run the inside perimeter of the shape. The light is channeled and guided through a sturdy treated acrylic panel that emanates with the softest touch of glowing radiance. Not a single bulb is visible to cause a squint of the eye. No glaring, harsh light or hot spots to ruin the shot. Only a diffuse, soft cloud of graceful illumination that imitates the best of superior softboxes and northern window effects. The entire effect is encapsulated in the portable, slender, eye-catching lighting phenomenon.

The wide spectral 95+ CRI, wireless, SMD LED edge array, features the latest innovative LED knowledge, with bi-color selection and dimming 10-100% output at a touch of a button, through simple to operate on board panel or through the optional CLAR Wireless 2.4GHz Slim Remote Control.

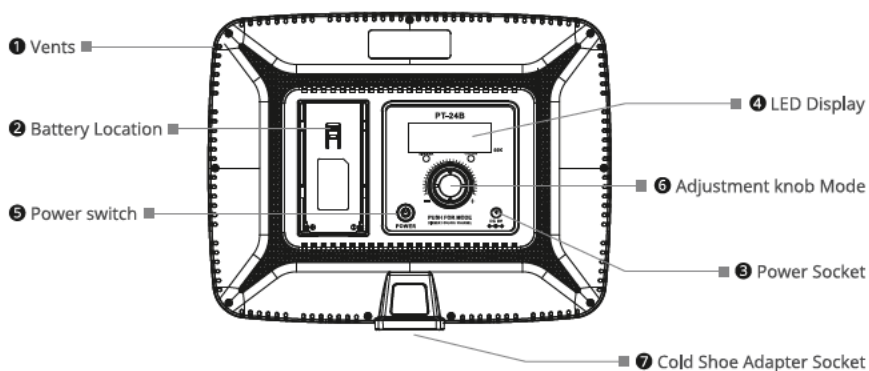
Features

- The coolest way to light up.
- Slender, lightweight design for ease atop your camera or light stand.
- Highly efficient light distribution via 152 Advanced SMD LED edge array.
- Zero hot spots to ruin the shot.
- Patented Edge LED technology for uniform phantom luminance across the panel surface.
- Approximately 2400LM luminous flux of clean, flicker-free illumination.
- Precise 3200°-5600° K color temperature, in increments of 100° K.
- Exceptional color rendition, exceeding 95 RA.
- Exact and smooth 10-100% brightness dimmer.
- LED color display panel with controls on the rear for adjusting color temperature and brightness.
- Built-in 2.4 GHz receiver featuring 99 channels for dimmer and color control with the included Slim Wireless Remote.
- Resilient plastic frame and tough through and through.
- Powered by NP-F batteries or included worldwide AC adapter.

Includes

- CLAR Surface 24B SMD LED LIGHT
- Cold Shoe Adapter
- AC Adapter
- Manual
- CLAR 1 year warranty

Overview and Instructions



1. Vents

2. Battery Location

Load the lithium NP-F750/NP-F960 cells into this slot. The battery inserts from the top of the bay, down. Carefully engage the battery alignment tabs into the grooves on the battery bays before you slide the cell down to make firm contact.

3. Power Cord Socket - DC 8V input

Insert the AC/DC switching adapter in this socket for external DC 8V power input. Operates worldwide: 100-240V ~ 50/60Hz, 3A max.

4. LED Display

When the DIMMER indicator lights blue, the LED display shows the brightness of the light ranging from 10(10%) to 99(99%).

When the COLOR indicator is orange, the LED display shows the color temperature of the light ranging from 32(3200°K) to 56(5600°K).

5. Power Switch

Press and hold the switch to power ON or OFF. The battery reserve is briefly displayed after a short press and when the unit is shutting down.

6. Dimmer / Color / Channel Knob Adjustment Wheel

The multipurpose **Adjustment Wheel** turns in two directions for selecting settings and also acts as the **Brightness / Color Temperature Mode / Channel Selection Button**.

Short press the Adjustment Wheel to vary the choice, for each click, between **Brightness** and **Color Temperature Control**. The corresponding light will glow on the LED Display to indicate the selection of Dimmer or Color. The Dimmer or Color value will appear as 2 digits above the related function.

Kelvin output temperature adjustments are made by turning the knob. For warmer output, turn the knob counterclockwise, clockwise for cooler Kelvin temperatures, from 3200°K Tungsten to 5500°K Daylight in 100° increments.

A long press of a least 6 seconds on the Adjustment Wheel, shifts the mode on the LED display panel to display the **Wireless Channel** for use with the **CLAR Slim 2.4Ghz Remote Control**. The Channel value can range from 00 to 99. Press the **Adjustment Knob** once again to confirm and save the setting.

7. Cold Shoe Adapter Sockets

The tilt-abled cold shoe adapter for quick and secure attachment to a imaging device, screws into the ¼-20 threaded hole. The alignment post prevents rotation of the light, and the screw down cold shoe nut assures the installation.

Safety Warnings

- The environment should be kept dry and ventilated when using the light. The unit should never be exposed to water and moisture. Take heed when operating outdoors in precipitation.
- Don't stick metal pointy things into the unit.
- Don't attempt to modify the unit yourself. If it becomes damaged please contact your vendor or take it to an authorized repair service. Do not disassemble this equipment. Touching the product's internals could result in injury. In the event of malfunction, the product should be repaired only by a qualified technician.
- Make sure you only use accessories of the proper voltage.
- Don't let children play with the unit. Keep the light out of reach from children.
- Serious damage may occur by using near people or animals' eyes. That can cause. Please do not directly look at the illuminated light.
- Should smoke come from the unit, disconnect the power immediately and place it in a safe location. It is normal for the fixture to become warm when working.
- Don't use the light near flammable liquids or vapors, like gasoline.
- If you are packing the light, please triple check that it is turned off.
- After using the light for extended periods, allow it to cool before storing, to avoid damage to the electronic components.
- Don't use the light to support any other equipment or lift your imaging device by the unit.
- Please use the soft dry cloth to clean the light. If necessary, carefully wash with a cloth dampened with neutral detergents, and then dry with a soft cloth.
- Use prudence and attach to a support with the stand adapter.

Specifications

Model	CLAR Surface 24B SMD LED
Output Power	24W
Luminous Flux	2400LM
Color Temperature	3200° K-5600° K in 100° K steps
Dimmer Range	10%-100%
Light Source	152 Edge SMD LED chips
Lithium Battery Type	NP-F550, NP-F750, NP-F960
CRI (Color Rendition Index)	95+Ra @3200° K and 5600° K
Wireless Receiver	Built-in 2.4 GHz, 50 channels
AC Adapter	100-240v 50/60Hz
DC power	DC 8V 3A
Mount Type	Removable Cold Shoe Adapter
Size	9.45 × 7.25 × 1.0" / 24 × 18.4 × 2.6cm

Note: Technical data is subject to change without notice.

One Year CLAR Limited Warranty

CLAR warrants to the original purchaser that your CLAR product shall be free from defects in material and workmanship for the period of one (1) year from the date of purchase (or delivery as may be required in certain jurisdictions), or thirty (30) days after replacement, whichever comes later.

CLAR's entire liability and your exclusive remedy for any breach of warranty shall be, at CLAR's option, to repair or replace the hardware, provided that the hardware is returned to the point of purchase or such other place as CLAR may direct with a copy of the sales receipt or dated itemized receipt. CLAR may, at its option, replace your product, offer to provide a functionally equivalent product, or repair any product with new, refurbished or used parts as long as such parts are in compliance with the product's technical specifications. Any replacement hardware product will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer, or for any additional period of time that may be applicable in your jurisdiction. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover problems or damage resulting from accident, abuse, misapplication, or any unauthorized repair, modification or disassembly, improper operation or maintenance, normal wear and tear, or usage not in accordance with product instructions or connection to improper voltage supply, use of consumables, such as replacement batteries, not supplied by CLAR, except where such restriction is prohibited by applicable law.

Except where prohibited by applicable law, this warranty is nontransferable and is limited to the original purchaser and the country in which the product was purchased. This warranty gives you specific legal rights, and you may also have other rights, including a longer warranty duration that may vary under local laws.

To start a warranty claim contact the CLAR Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to CLAR, along with the RMA number and proof of purchase.

Question about our product line? Need Product Support?

We are proud of our products and celebrate our customers. We are with you, from product selection to everyday use. Be secure with your purchase and reach us as you need.

Email us: brands@adorama.com **Call:** 212-647-9300

Address: Adorama Brands, 42 West 18th Street, New York, NY 10011

You can always contact us at BRANDS@ADORAMA.COM for personal technical support. Our web site contains a wide range of Support and FAQ pages with valuable technical assistance.

CLAR is a registered trademark of ADORAMA CAMERA.

© 2018 Adorama Camera, Corp. All Rights Reserved.

CLLCLSU48B

Adorama Inc., New York, NY
www.adorama.com/ourbrands