

# Cell Phone Lighting System Product Manual



**Model: CP-1**

**ORTECH**  
Professional Lighting™

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# Cell Phone Lighting System

***Please make sure the system arrives in perfect condition and all parts are included.  
Contact us immediately if there is any damage or if you are missing any parts.***

## **DISCLAIMER**

- While every effort has been made to ensure that the information contained in this guide is accurate and complete, no liability can be accepted for any errors or omissions.
- OR Technologies reserves the right to change the specifications of the hardware and software described herein at any time without prior notice.
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- OR Technologies makes no warranties for damages resulting from corrupted or lost data due to a mistaken operation or malfunction of the camera, the software, the OR Tech lighting systems, personal computers or peripheral devices.

## Introduction

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Thank you for choosing the ORTech Cell Phone professional lighting system. This technically advanced electronic lighting system contains filtered LED panels on the platform, left and right side. The LED panels light (6000° Kelvin) may be used to photograph nearly any product by providing you with flicker-free daylight illumination.

## In the Box

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Lighting System model CP1



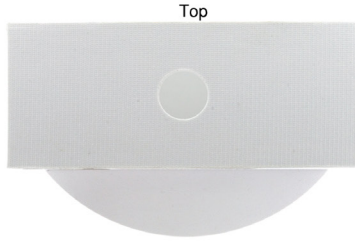
White and Black Acrylics



Power Supply

*Accessories could change without previous notice, for more up to date information please visit our website [www.or-tech.com](http://www.or-tech.com).*

# Product Design



**Lighting Panels:**

- LED Panels : Left, Right and Platform.
- Power Supply : 24v 1 Amps
- Amount of LED's : 156 units
- Color Temperature : 6,000 Kelvin
- Power consumption : 0.5 Amps

Left

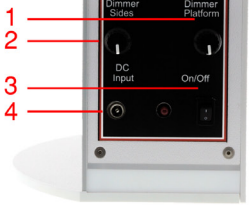


5.5"

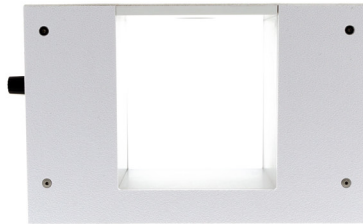
Front



Right



Back



9"

1. Dimmer LED Platform
2. Dimmer LED Sides
3. On/Off Switch
4. DC Power connector outlet

## Benefits and Features

- Natural lighting for proper product display
- Easy to setup and continuously capture product images
- Clean white background (or add your own background)
- Shadow-free wrap-around lighting eliminates the need for digital cleanup
- Show the true color, clarity and cut of your diamonds by showing the brilliance, scintillation and refraction of your diamonds using white high power LED light.
- Increase sales with sharp quality product images
- Tremendous savings and fast turn-around time by producing images in-house rather than outsourcing to a graphic design company or professional photographer

## Product Applications

The Cell Phone Lighting System simplifies many product imaging applications by allowing you to create high-quality professional photographs in minutes. Here are just a few examples of how you can use your photos:

- **Product Sales (Print)** – Advertising, brochures, catalogs, flyers, postcards
- **Product Sales (Internet)** – Auctions, banner advertising, e-commerce, email attachments, online product catalogs, online Stores, etc.
- **Website Design** – Company Image, Product Line
- **Inventory Management** – Appraisals, insurance protection, inventory tracking, etc.

## Lighting System Setup

1. **Connect the Lighting System** - Connect the power cable to the Lighting System and then to a 110V or 220v electricity outlet by using the power supply provided with the system.
2. **Turn on the Lighting System** - Flip the power switch at the right side.
3. **Turn on the various lights and Features**
  - **LED Panel Sides:** Use the dimmer to increase or decrease the light intensity on the sides panels.
  - **LED Panel Platform:** Use the dimmer at the platform (clockwise for more light or counterclockwise to reduce it).

## Cleaning

The outside and inside of our lighting systems are made of thermoplastic. Simply use a damp cloth to clean it, or use a plastic cleaner if needed. For difficult marks, use odorless mineral spirits.

## LED Panel Replacement

All electronics and LED panels used in your lighting system are made of the best quality. But eventually you may need replace an old burnt-out LED panel. Use the following steps to replace it:

- a) Disconnect the power supply cable from the wall or remove it from the right side of the unit.
- b) Remove the back panel and slide out the lamp house
- c) Remove the burnt-out LED panel, using caution, by snapping it out from the retainers and unplug the connector, replace the burnt-out LED panel (check the support page for specific part number)

**Note:** *Gently pull out the wire connector. Make sure when you remove the wire to remember the original position. Replace the LED panel and reconnect the wires in their original position.*

**Be very careful when connecting the power:** *We suggest you test the unit before reinstalling the panels to ensure that your lights are working properly. Connect the power supply cable to the A/C outlet. Test the panels. Remove the power cable from the unit, close the panel and reinstall all the screws (make sure you do not over tighten the screws).*

**Important Note:** *Although all the light panels used in our system are 100% safe, some people may experience some eye fatigue or eye stress due to a very long exposure period of time working with our systems without any rest. We recommend to rest your eyes every couple of hours and do not over expose your eyes to bright lights. This, as with any other high-brightness light source, needs to be used with basic precaution.*

### **ONE YEAR WARRANTY**

Defective components will be replaced during the 12 month warranty period. No charge will be made for labor costs during this period. Proof of purchase must be provided to verify the warranty status. Shipping is not included

# Specifications

<b>Lighting</b>	<b>LED Panels:</b> 6000° Kelvin (flicker-free continuous lighting)
<b>Lighting Panels</b>	<b>LED Panels:</b> Left, Right, and Bottom (3 LED Panels with total of 156 LED's)
<b>Power Controls (Right to Left)</b>	<b>1 Switches :</b> (1) On/Off
<b>Size (exterior)</b>	<b>2 Dimmers :</b> Right, Left and Bottom dimmer for LED panels. 8½ L x 5½ W x 5 H (in); 21½ L x 14W x 13H (cm)
<b>Size (interior)</b>	3¾ L x 3¼ W x 4¼H (in); 9½ L x 8¼ W x 10¼ H (cm)
<b>Weight</b>	1 Lbs.
<b>Camera Openings</b>	Top and Front
<b>Tripod accessible</b>	Yes
<b>CE Certification</b>	Yes
<b>Built to ISO Standards</b>	Yes
<b>Power Supply Input</b>	110 to 240 Volts 50/60 Hz. Part # 1953671
<b>Power Supply Output</b>	24V 1000mA

***Made in USA***



## ***Product Photography Lighting Systems***

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