

***Peaklite***

**100D/150D**

**Bi-color LED Panel Lights**

**User Guide and Technical Information**



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*Thank you for purchasing the Peaklite 100D/150D series LED panel light. For your safety and to get the most of the product, please read this user guide carefully before using the product.*

## ***Warning:***

- 1) Keep out of reach of children.
- 2) DO NOT immerse or expose the panel light to water.
- 3) DO NOT expose the panel light to flame or excessive heat.
- 4) DO NOT attempt to disassemble or repair the video light by yourself. In case of malfunction, contact Peaklite at [info@peaklite.com](mailto:info@peaklite.com)
- 5) DO NOT point the panel light at human eyes at close range.

Failure to observe the above warning may result in damage of the equipment and/or bodily injury.

## ***Kit Contents:***

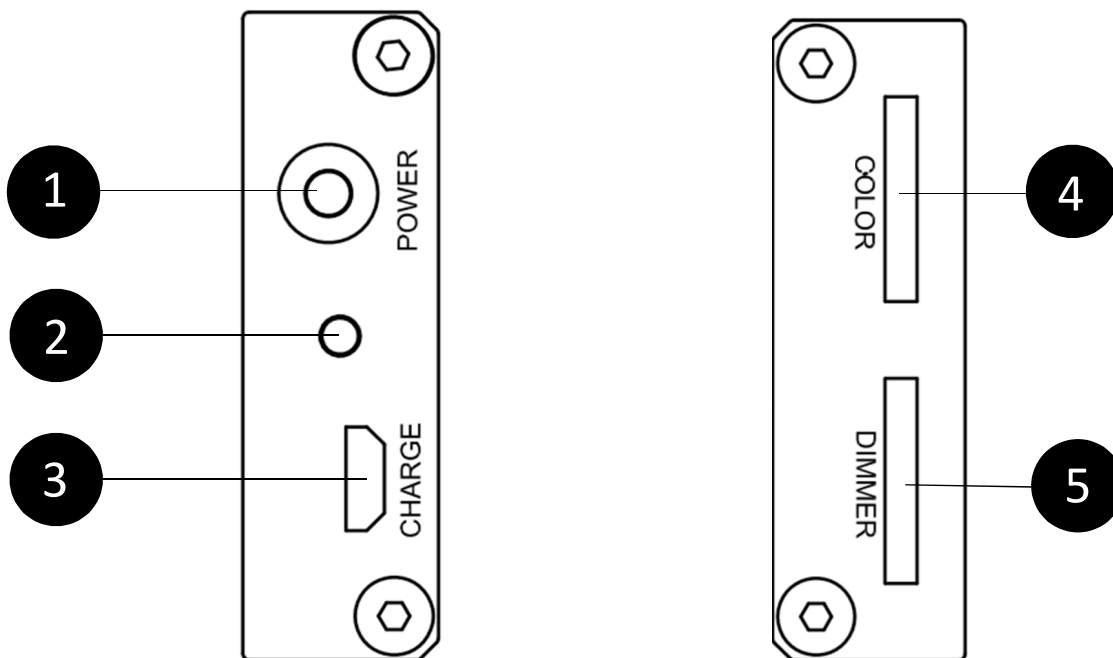
- 1) LED Panel Light
- 2) 50cm USB Charging Cable
- 3) User Guide and Technical Information

## ***Product Features:***

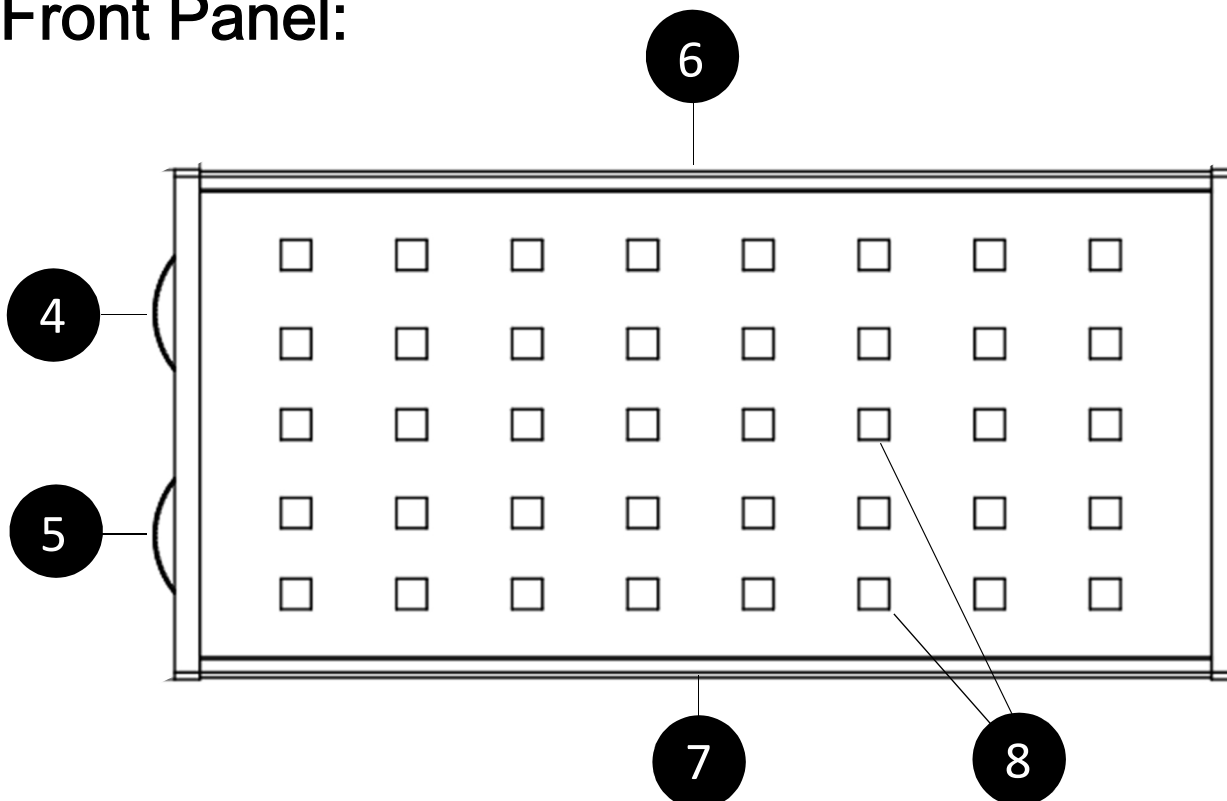
- High CRI LEDs
- Light weight and durable anodized Aluminum housing
- Color Temperature continuously adjustable (2700K-6500K)
- Brightness continuously dimmable from 100% to 5%
- Built-in rechargeable Lithium Battery
- Long battery run-time
- Flexible mounting options
- Ideal for ENG, videography, photography in both indoor and outdoor situations

# LED Panel Light Parts and Controls

## Side Panels:



## Front Panel:



# *LED Panel Light Parts and Controls*

- 1 Power Button
- 2 Charging/Battery Status Indicator
- 3 Micro B USB charging port
- 4 Color Temperature Adjustment Thumb Wheel
- 5 Dimmer Thumb Wheel
- 6 Top 1/4"-20 stainless steel threaded insert
- 7 Bottom 1/4"-20 stainless steel threaded insert
- 8 High CRI LEDs

## *Charging the Panel LED Light*

- 1) Connect the USB charging cable to the charging port of the LED light.
- 2) Connect the USB charging cable to a USB port on a computer, power bank, etc.
- 3) When charging is in progress, the red LED indicator stays on. When charging is complete, the red LED indicator goes off.
- 4) Disconnect the charging cable when charging is complete.
- 5) If the light is left unused for long period of time, please recharge the battery every three months to ensure properly functioning of the charging/battery status indicator.

## *Using the Panel LED Light*

- 1) Turn on/off the LED light by pressing the power button for about 1 second.
- 2) Adjust the brightness of the LED light by turning the dimmer thumb wheel. The brightness can be adjusted continuously from 100% to 5%.
- 3) Adjust the color temperature of the LED light by turning the color temperature thumb wheel. The color temperature can be adjusted continuously from 2700K to 6500K.
- 4) The battery status indicator flashes red when battery level is low.
- 5) The LED light can be mounted to camera or any other accessories using the two 1/4"-20 threaded inserts.
- 6) Turn off the LED light when not in use.

## *Product Specifications (100D)*

Light Source:	High CRI Nichia brand LEDs (40 pcs)
CRI:	98@2700K, 96@4600K, 92@6500K
Beam Angle:	120°
Color Temp:	2700K-6500K
Dimmer:	Dimmable from 100% to 5%
Illuminance (@50cm):	620lx@6500K, 380lx@2700K
Power Output:	1.8W Max
Run-time:	about 1.5 hours at maximum power, about 30 hours at 5% power
Battery:	Built-in 1200mAH 3.7V Li-ion Battery
Charging:	Micro B USB Port (about 3 hours to fully charge)
Input:	5V==1A
Operating Temp:	10°C-40°C (Charging), 0°C-40°C (Working)
Housing:	Anodized Aluminum
Mounting:	Two stainless steel 1/4"-20 threaded inserts
Dimensions:	105mm x 50mm x 15mm
Weight:	95g

### Notes:

This product complies with the FCC rules, Part 15 Class B

Features and specifications are subject to change. Visit [www.peaklite.com](http://www.peaklite.com) for latest information.



# *Product Specifications (150D)*

<b>Light Source:</b>	High CRI Nichia brand LEDs (60 pcs)
<b>CRI:</b>	98@2700K, 96@6500K
<b>Beam Angle:</b>	120°
<b>Color Temp:</b>	2700K-6500K
<b>Dimmer:</b>	Dimmable from 100% to 5%
<b>Illuminance (@50cm):</b>	1200lx@6500K, 750lx@2700K
<b>Power Output:</b>	3.5W Max
<b>Run-time:</b>	about 2 hours at maximum power, about 40 hours at 5% power
<b>Battery:</b>	Built-in 2200mAH 3.7V Li-ion Battery
<b>Charging:</b>	Micro B USB Port (about 3 hours to fully charge)
<b>Input:</b>	5V==1A
<b>Operating Temp:</b>	10°C-40°C (Charging), 0°C-40°C (Working)
<b>Housing:</b>	Anodized Aluminum
<b>Mounting:</b>	Two stainless steel 1/4"-20 threaded inserts
<b>Dimensions:</b>	155mm x 50mm x 15mm
<b>Weight:</b>	145g

## Notes:

This product complies with the FCC rules, Part 15 Class B

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# ***CE Declaration of Conformity***

## **Peaklite Electronics Limited**

*Unit 302-303, 3/F, Wong's Building  
33 Hung To Road, Kwun Tong, Hong Kong*

Hereby declares that the products:

**100D LED Panel Light, 150D LED Panel Light**

are in conformity with and passes:

Document No.:	Description
IEC/EN62368-1	AV, ICT Equipment – Safety Requirements
EN55032/55024	EMC, Multimedia Equipment Immunity, ICT Equipment
IEC/EN62471	Photobiological Safety of lamps and lamp system
IEC62133	Safety requirements for portable sealed secondary lithium cells, and for batteries made from them, for use in portable applications

**Ernest Fung**  
Director  
Peaklite Electronics Ltd.

# *Warranty Information*

## *Limited One Year Warranty*

This product includes a warranty which covers any defects or malfunction for one year from date of purchase. Please retain the sales invoice as proof of purchase.

Peaklite will replace or repair any defective or malfunctioning unit at no charge within the warranty period. However, the limited warranty does not cover damage resulting from accident, alteration, misuse or abuse of equipment.

Please contact our customer service ([info@peaklite.com](mailto:info@peaklite.com)) to obtain return instructions before returning the unit to us. Please note that you will be responsible for the shipping cost of the return.

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[www.peaklite.com](http://www.peaklite.com)