

# LUMA 800 BI

*Portable LED Light for Photo and Video Shootings*



# TABLE OF CONTENTS

1. Introduction
2. Safety Precautions
3. Specifications
4. Components and Accessories
5. Control Panel
6. Operating Instructions
7. Warranty



## 1. INTRODUCTION

This guide provides information on how to use the product functions to get the full effect and benefits of LUMA 800BI led light, as well as warnings on its use. LUMA 800BI is designed for professional use, for indoor shootings as well as outdoor shootings. To obtain the maximum features, please read the following operating instructions very carefully before using the product for the first time. Please keep these operating instructions for you and subsequent users to reference in the future.

### Safety Precautions

For your own safety, please read and follow all safety instructions and warnings.

### Exemption from Liability

The manufacturer, disclaims liability for any damage to persons or property caused by inappropriate operation, damage of this kind lies in the responsibility of the operator.

### Warranty

This product is manufactured to local specifications and the warranty is valid within the country of purchase. Should the product fail or malfunction, while you are abroad, the manufacturer assumes no responsibility for servicing the product locally or bearing the expenditure incurred thereof.

The total or partial reproduction of this guide is prohibited without the express written permission of Aurora Lite Bank. Information and specifications in this document are subject to change without notice. 2017 © Copyright Aurora Lite Bank. All rights reserved.

## 2. SAFETY PRECAUTIONS

This equipment has been checked and meets the requirements of general safety for electronic devices. These requirements are specified, to provide a reasonable protection against electromagnetic interference, when the equipment is used in commercial environments.

This equipment generates, uses, and can emit waves of radio frequency, and if not properly used following the instructions in this manual, can produce interference in radio communications. The use of this equipment in residential areas can produce interference; the user will be the only one responsible in correcting them.

1. Please read the following operating instructions very carefully, before using this fixture for the first time.
2. In order to protect against risk of electric shock, the installation should be properly grounded. Non-compliance or using a non-grounded type plug will expose you to the risk of electric shock.
3. The lamp head emits heat through its vent holes in the housing and the housing surface can reach a temperature around 60 °C.
4. Do not use under ambient temperature below 0°C and over 40°C.
5. Do not attempt to open any of the device or component housings. To reduce the risk of electric shock, do not remove lamp head cover. No user-serviceable parts are inside. Maintenance and repair work to be carried out only by authorized Service Centre.
6. Do not store or use under humid or moist conditions for an extended amount of time.
7. Do not cover the vent holes while using it. Proper ventilation must be provided. Avoid exposing the lamp head to the heat radiation of other light fixtures.
8. Keep this equipment out of reach of children.

### 3. SPECIFICATIONS

LUMA 800BI is color temperature variable from 2700°K to 6500°K.

Carefully selected LEDs are used to ensure high intensity and high color rendering over 97Ra. As little as B5 size and as thin as 4.5cm, LUMA 800Bi is light weight and portable for easy transportation. Intensity and color temperature can be easily adjusted with a knob. Rotation knob clockwise will increase value and rotation knob anti-clockwise will decrease value which one can see through LCD monitor next to the knob.

When powered by LUMA 1000 battery pack, recharging from empty to full takes 4 hours and runs for 1.5 hours at max power and many more hours at min power.

Due to the front diffusion panel, direct light from LED sources get diffused creating soft and shadow free output.

4-way barndoor comes complete with and optional accessories such as softbox, egg crate grids, and carrying bag are available. Optional connect cable DC jack 2.5mm to D-tap enables use with a household camcorder battery.

#### LUMA 800 BI Head

Power consumption	80W
Color temperature	2700°K - 6500°K
CRI	97Ra at 2700°K, 94Ra at 6500°K
Beam angle	120°
Dimming	off, 5-100%
Dimension (cm)	16.3(W) x 19.7(L) x 4.5(H)
Weight	1.13kg
Cooling	Active cooling, low noise
Noise	9db- 15db
Optional accessory	Softbox, Egg crate grid, Carry bag
Electrical option	AC or DC

#### AC Power Adapter

Power Input	AC100-240V 50/60hz 1.5A
Output	12V 8.3A
Dimension (cm)	60(W) x 140(L) x 36(H)
Weight	0.53kg

#### LUMA I000 Battery Pack

Battery capacity	14.4V 10.4Ah
Recharging time from empty battery	4 hrs
Running time	1hr and 30 min
Dimension (cm)	10.5(W)x5.5(L)x20(H)
Weight	1.15kg
Power Supply	Worldwide AC power supply
Power Output Plug	4-pin XLR female
Recharger	Universal battery charger included

#### Photometric Data

Color Temp\Distance	1m	2m	3m
2700°K	1,820 lux	507 lux	255 lux
4700°K	2,110 lux	584 lux	297 lux
5600°K	2,125 lux	589 lux	297 lux
6500°K	2,140 lux	592 lux	298 lux

### 4. COMPONENTS AND ACCESSORIES

#### AC Kit



1. LED light head complete with tilting bracket and 4-way barndoor
2. Tilting bracket
3. AC power adapter with 1.5m connect cable with DC jack
4. 1.5m connect cable AC power adapter to power plug

#### DC Kit



1. LED light head complete with 4-way barndoor
2. Tilting bracket
3. Recharger with 1.5m connect cable to power plug
4. 1.5m connect cable for recharger and power plug
5. LUMA 1000 battery pack with 1.5m connect cable head to battery

#### Optional Accessories



1. Softbox with full stop diffuser
2. Louver(grid)
3. 1.5m connect cable DC jack 2.5mm to D-tap for use with a camcorder battery
4. Carry Bag

## 5. CONTROL PANEL



1. Control knob
  - Push the knob down for a second to turn on or turn off the device.
  - Long push to turn on/off the device and short push to change mode between **color temp and intensity**.
  - Rotation to the right will increase value and rotation to the left will decrease value.
2. Display window
3. DC jack 2.5mm
4. Overheat indicator

## 6. OPERATING INSTRUCTIONS

1. Remove all contents from the box. fig. 1
2. Loosen the tightening bolt on the tilting bracket. Place the open end of the tilting bracket onto the stud of your light stand and tighten the bolt. fig. 2
3. To use with LUMA 1000 battery pack, plug one end of connecting cable to DC jack at the light head and the other end i.e. 4-pin male XLR into the female connector on the battery pack while pressing down the locking button above. fig. 3
4. For recharging, connect the battery charger to the battery pack, and connect the AC power cord between the battery charger and a wall outlet. The RED LED indicator on the charger will turn on while recharging and turn into green when fully recharged. fig. 4
5. When set up is done, turn on the power by pressing the control knob for a second. Long push of control knob is to turn on the device or to turn off the device while short push is to change the mode in between intensity and color temperature. fig. 5
6. Intensity as well as color temperature can be adjusted with the control knob. Rotation to the right will increase value and rotation to the left will decrease value which one can see through LCD monitor next to the knob. To change mode from intensity to color temperature or vice versa, press the control knob shortly. fig. 6
7. To use with the AC power adapter, plug one end of connect cable to DC jack at the light head and the other end to AC power adapter and then connect AC 1.5m power cable cord between the AC power adapter and a wall outlet.
8. Ambient temperature must be kept between 0°C and 40°C. In case of higher ambient temperature over 40°C, the device's internal temperature can reach over 65°C which will lead overheat protection circuit to operate and turn off the light automatically. Overheat indicator will turn on red and warning sign "OVERHEATED LED SYSTEM COOLING" will appear on the LCD monitor. Cooling fan will increase rpm to max. When the device is cooled down, normal operation will get started automatically. You're strongly advised to cool down ambient temperature to avoid repeat operation of overheat protection circuit.



## 7. WARRANTY

LUMA 800BI is guaranteed to be free from defects in workmanship and parts and carries an year warranty period from the date of purchase. Defects that occur within this warranty period, under normal use and care will be repaired or replaced at Aurora Lite Bank discretion, solely at our option with no charge for parts or labour. In the event of the equipment malfunction, contact the dealer from whom you purchased the product.

Please note, that you will be not be reimbursed for the cost of bringing the equipment to us or to our authorized dealers or to our service center. Aurora Lite Bank reserves the right to replace the product or relevant part with the same or equivalent product or part, rather than repair it. Where a replacement is provided the products or part replaced becomes the property of Aurora Lite Bank.

This warranty does not cover any damage resulting from:

- Failure to follow the instructions in the instruction manual;
- Repair, modification or overhaul not conducted by any Aurora authorized or approved personnel.
- Fire, natural disaster, act of God, lightning, abnormal voltage, etc;
- Submergence in water (flooding), exposure to alcohol or other beverages, infiltration of sand or mud, physical shock, or dropping of the equipment and other unnatural causes.

This warranty applies only to LUMA battery pack kit and AC power adapter not to the accessories, such as the barn doors, nor does it apply to fuses and other consumables provided. Any consequential damages arising from failure of the equipment, such as expenses incurred in taking pictures or recording images or loss of expected profit, will not be reimbursed, whether they occur during the warranty period or not.

Parts essential to the servicing of the light equipment (that is, components required to maintain the functions and quality of the fixture) will be available for a period of five years after the product is discontinued.



### CONTACT



#### Address

123 Secheonro 3-gil, Dasa-up,  
Dalseong-gun, Daegu 42921  
Republic of Korea



#### Phone & Fax

Telephone + 82 53 384 9874  
Fax + 82 53 384 9886



#### Info

Web [www.auroralitebank.com](http://www.auroralitebank.com)  
e-mail [alb@alb.co.kr](mailto:alb@alb.co.kr)

Made in Korea