High-power LED light source with various wavelengths

Features

- Rich lineup of LED heads
- Adjustable light intensity
- Daisy chain (up to 8 units)
- Timer function *Option
- Attachable lens units
- Custom wavelengths
- Long lamp life

Usage Example

Narrow-angle lens

This lens unit reduces the spread of LED light. You can easily illuminate a sample from the side of a test tube. It is also possible to increase the light intensity by adding LED heads.

Light guide rod

You can illuminate a sample in a micro tube via the light guide rod.
**Configuration**

<table>
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<tr>
<th>Power supply</th>
<th>LED head</th>
<th>Lens</th>
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**Options**

**Timer**

It counts within the range of 99 hours 59 minutes 59 seconds. You can choose countdown mode or countup mode.

**Package Contents**

- CL-1501 main unit
- Power supply AC adapter
- Instruction manual

**General Specifications**

Model: CL-1501
- Light control method: Digital control 0-100 %
- Output control method: Constant current control
- Number of outputs: 1 channel
- Maximum output current: 350mA, 500mA, 700mA, 900mA
  - *Auto-judge according to a connected LED head*
  - External ON/OFF: External ON/OFF control function*
  - Simultaneous control: Daisy chain up to 8 units*
- Supply voltage: Power supply AC adapter AC100-240V, 50/60Hz
- Connector for LED heads: D-sub 9 pin
- Connector for daisy chain: R03-R3F (Trigger OUT), R03-R3M (Trigger IN)
- Recommended environment: Temperature 5 - 35 deg C
  - Humidity 20 - 75% *Avoid condensation
- Cooling method: Natural cooling
- Dimensions: 141(W) x 98(D) x 53(H)mm
- Weight: 425g
  - *A dedicated external device is required.

In IEC 62471 “Photobiological safety of lamps and lamp systems”, many of listed LED heads belong to Risk Group 3. Please use this unit carefully according to the instruction manual and the label.

**Dimensions**

**Main unit**

**LED head and Lens**

*Product specifications are subject to change without notice.*

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