High-power LED light source with various wavelengths

Features

- Rich lineup of LED heads
- Adjustable light intensity
- Timer function *Option
- Attachable lens units
- Filter holder *Option
- 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.

LED lineup

![LED lineup graph](image)
**Configuration**

<table>
<thead>
<tr>
<th>CL-1501</th>
<th>Power supply</th>
<th>LED head</th>
<th>Lens</th>
</tr>
</thead>
</table>

**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
  Input: AC100-240V, 50/60Hz
  Output: 15V 1.2A
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
  For indoor use only
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**

<table>
<thead>
<tr>
<th>Main unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width: 53mm</td>
</tr>
<tr>
<td>Height: 141mm</td>
</tr>
<tr>
<td>Depth: 98mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LED head and Lens</th>
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</thead>
<tbody>
<tr>
<td>Width: 11mm</td>
</tr>
<tr>
<td>Height: 45mm</td>
</tr>
<tr>
<td>Depth: 25.5mm</td>
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</tbody>
</table>

*Product specifications are subject to change without notice.*