LED Light Source
CL-1501

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.

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**LED lineup**

<table>
<thead>
<tr>
<th>Wavelength (nm)</th>
<th>Relative value (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>350</td>
<td>400</td>
</tr>
<tr>
<td>20</td>
<td>40</td>
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</table>
**Configuration**

**Power supply**

**LED head**

**Lens**

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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.

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**Package Contents**

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

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**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.

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*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.*

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**Dimensions**

**Main unit**

**LED head and Lens**

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*Product specifications are subject to change without notice.*