

LED Light Source CL-1501

High-power LED light source with various wavelengths



Features

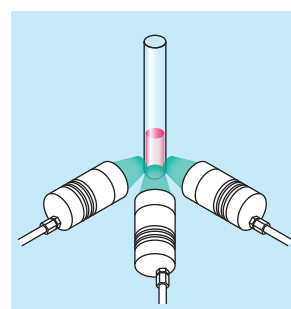
- Rich lineup of LED heads
- Adjustable light intensity
- Daisy chain (up to 8 units)
- Timer function *Option
- Attachable lens units
- Custom wavelengths
- Long lamp life

Usage Example

Narrow-angle lens



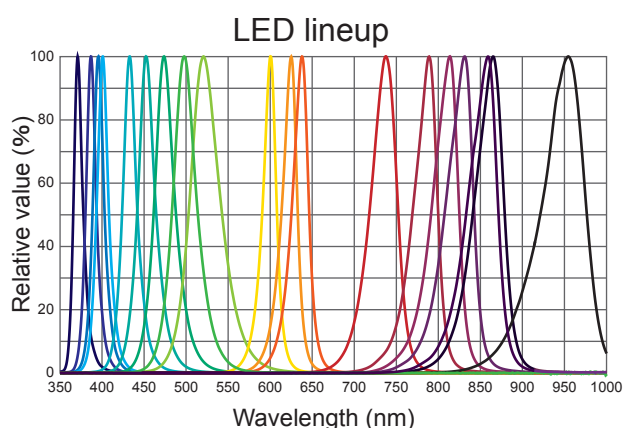
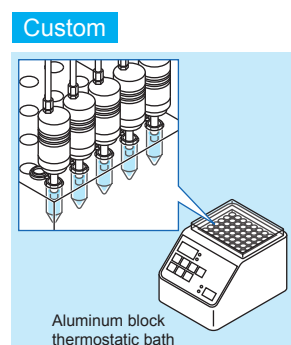
This lens unit reduces the spread of LED light. You can easily illuminate a sample from the side of a test tube. It is also possible to increase the light intensity by adding LED heads.



Light guide rod



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



Configuration

Power supply



CL-1501

LED head



Lens



Options

Timer



CL-TCN1

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
 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.

Wavelength	Model
365nm	CL-H1-365-9-1
385nm	CL-H1-385-9-1
395nm	CL-H1-395-9-1
405nm	CL-H1-405-9-1
430nm	CL-H1-430-9-1
450nm	CL-H1-450-9-1
470nm*	CL-H1-470-9-1
505nm*	CL-H1-505-9-1
525nm*	CL-H1-525-7-1
590nm*	CL-H1-590-9-1
615nm*	CL-H1-615-9-1
625nm*	CL-H1-625-9-1
660nm	CL-H1-660-9-1
730nm	CL-H1-730-9-1
790nm	CL-H1-790-9-1
810nm	CL-H1-810-9-1
830nm	CL-H1-830-9-1
850nm	CL-H1-850-9-1
860nm	CL-H1-860-9-1
940nm	CL-H1-940-9-1

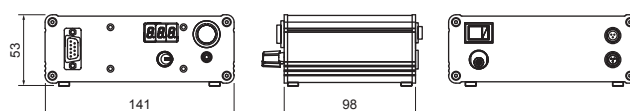
*Dominant wavelength

Be sure to attach any of lens unit to the LED head.
 Please contact us for details of LED heads and lens units.

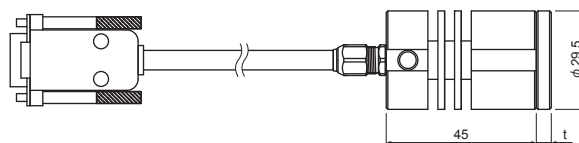
	Model
Narrow-angle lens	CL-H1LCB02
Near-distance lens	CL-H1LCB03
*For VIS only	
Protective glass	CL-H1GCQ01
Cap	CL-H1MPC1

Dimensions

Main unit



LED head and Lens



CL-H1LCB02 13
 t = CL-H1LCB03 9.1
 CL-H1GCQ01 4.5

Unit: mm

*Product specifications are subject to change without notice.

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