

**Energy saving &
Immediate
operation
are realized!**



UV intensity control become possible!



Longer Operating Life Energy Saving

- LED light source life accomplishes approx. 10,000 hours.

(Conventional metal halide light source is approx. 1,500 hours)

- 100W power consumption is less than 1/3 comparing with conventional type.

High Intensity Wide Coverage

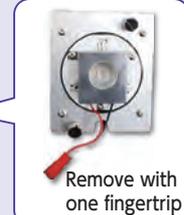
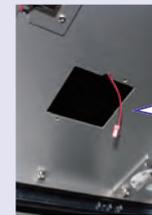
- Under the irradiation coverage of 600×250mm, UV intensity is more than 3,600 μ W/cm².

(Irradiation distance : 600mm)



Less Heat Safety

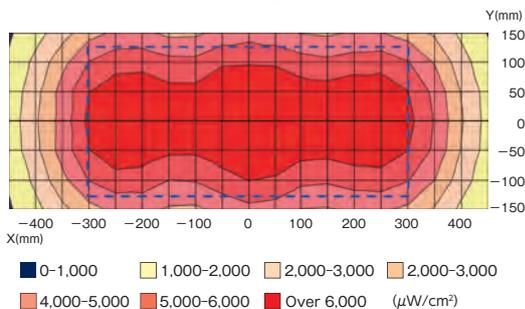
- Safe LED light source with less heat.
- Simply replacement of LED light source.



Remove with one fingertip

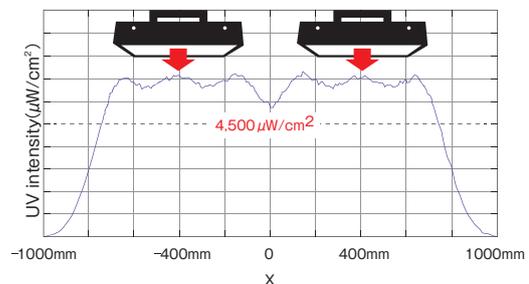
UV Irradiation Distribution Comparison between D-40L

D-40L(LED light source)



* Typical distribution at 600mm under the filter.
* The area covered by blue dashed line is the coverage of 600×250mm.

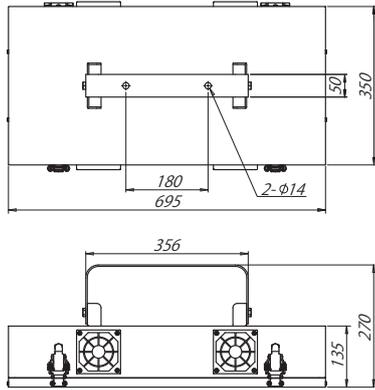
Simulation of Continuous Lamp Unit



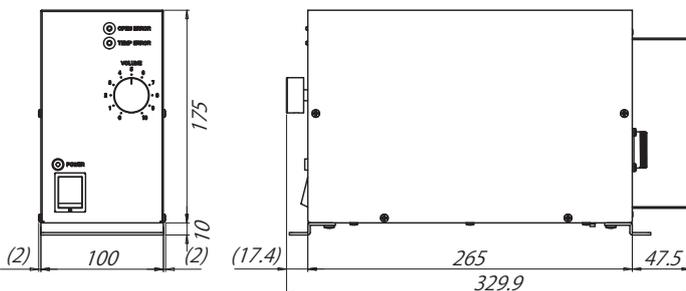
* Recommended pitch between lamp unit: Continuous lamp unit of 800mm (X)

External Dimensional Drawings

The lamp unit



Power supply box



CAUTION

- ① Check the supply voltage and frequency before installation.
- ② Avoid using the lamp unit and power supply box in the following types of locations.
 - Locations with ambient temperatures outside the range of 5 to 40°C.
 - Locations with high humidity or which are exposed to water.
 - Locations where they might be subject to vibrations or shocks.
 - Locations subject to corrosive or flammable gases.
 - Locations subject to large amounts of dust or oil mist.
- ③ Do not disassemble or modify the lamp unit, power supply box, or dedicated cable.
- ④ When replacing the LED light source units and protective filters, make sure you do so after turning the power supply off. After replacing them, when not using the light, turn the power off immediately and check that the lamp unit and power supply box connectors are securely connected.
- ⑤ When the lamp is on, under no circumstances should you look directly at the LED light source units. They can hurt the cornea and conjunctiva of the eye and cause ultraviolet inflammation known as electric ophthalmia.
- ⑥ If the air-circulation efficiency decreases due to a blocked air filter, the temperature of the interior of the lamp unit will continue to rise, which could damage the LED light source units. Therefore, replace the air filters regularly.

SPECIFICATION

Input voltage	AC100-240V ±10% 50Hz/60Hz
Power consumption	100W
UV light source	UV-LED
Reactivation period	Immediately
UV Intensity	Central UV intensity : Over3,600 μW/cm ² (Irradiation distance : 600mm)
Main path wavelength	365nm ±5nm (LED light source nominal value)
Lifetime of UV light source	Approx. 10,000 hours
Dimmer function	UV intensity control become possible (20~100%)
Lamp body cable	2.0m
Usage environment	Ambient temperatures : 5~40°C Relative humidity : 20%~80%
Dimension/weight	The lamp unit 695W×350D×270H mm Approx. 15.0kg Power supply box 100W×265D×175H mm Approx. 3.0kg

⚠ All specifications and designing are subject to change without notice

Integrated Supplier of Non-Destructive Testing and Marking



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