

Stationary type LED Black Light Super-Light

E-40L



LED

Energy saving & Immediate operation are realized!

Longer operating life / Energy saving



- LED light source life accomplishes approx. 10,000 hours.
- 70W power consumption is less than 1/6 comparing with conventional metal halide lamp type.

High Intensity / Safety

- Central UV intensity : Over $6,300 \mu\text{W}/\text{cm}^2$ (Irradiation distance : 600mm)
- Safe LED light source with less heat.

Dimmer function

- Adjustable UV intensity.
- With dimmer key lock function.



Maintainability

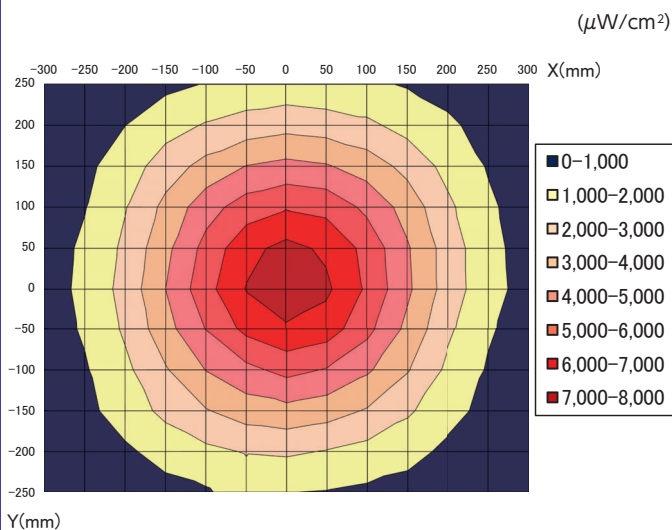
- Simply replacement of LED light source.
- Front panel to be easily maintained.



Adopt fanless system

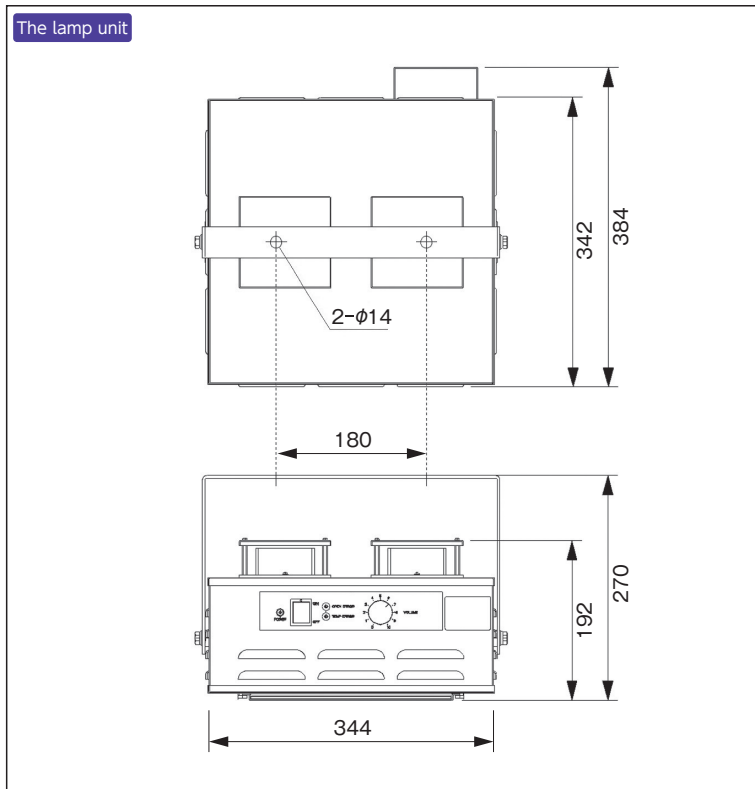
Remove with one fingerstrip

UV Irradiation Distribution



* Typical distribution at 600mm under the filter.

External Dimensional Drawings



CAUTION

- ① Check the supply voltage and frequency before installation.
- ② Avoid using 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.
- 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 each 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.

SPECIFICATION

Input voltage	AC100-240V ±10% 50Hz/60Hz
Power consumption	70W
UV light source	UV-LED 5 EA
Reactive period	Immediately
UV Intensity	Central UV intensity : Over 6,300 $\mu\text{W}/\text{cm}^2$ (Irradiation distance : 600mm)
Main path wavelenght	365nm \pm 5nm (LED light source nominal value)
Lifetime of UV light source	Approx. 10,000 hours
Dimmer function	UV intensity control become possible (20~100%)
Usage environment	Ambient temperatures : 5~40°C Relative humidity : 20~80%
Dimension/wight	344W×384D×270H mm Approx. 7.5kg

⚠ All specifications and designing are subject to change without notice

Integrated Supplier of Non-Destructive Testing and Marking

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