

## LED Black Light

# Super-Light ML-7

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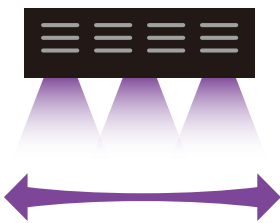
**MARKTEC LED Black Light**

Perfect for sites where testing and continuously lighting of shaft products, cylindrical rods, etc. is required.



Compatible with  
JIS Z 2323

### Features 1



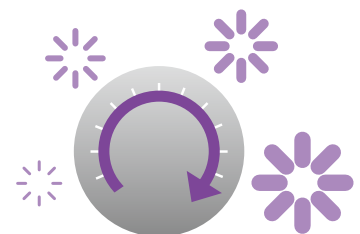
Illuminates over a wide horizontal area. Perfect for testing long materials and shaft products.

### Features 2



Employs a unique lens structure utilizing three UV-LEDs. Reduces running costs compared to existing products.

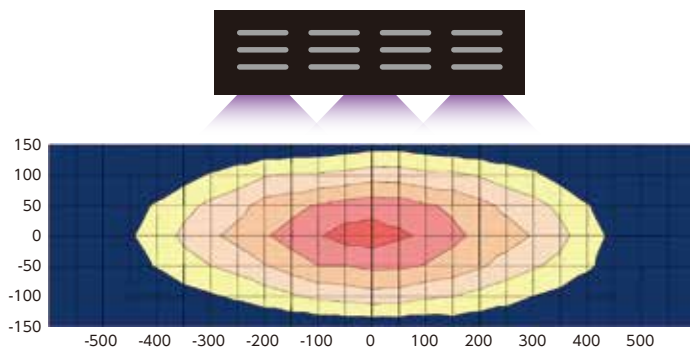
### Features 3



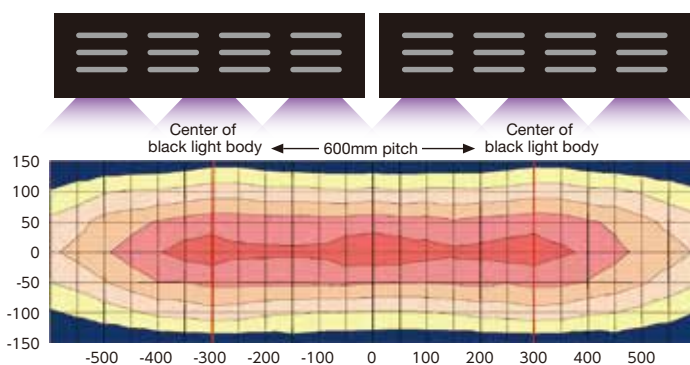
Includes a UV light-dimming function. UV strength can be adjusted to match the conditions of individual testing areas.

## UV Radiation Distribution

### ○Single data (Irradiation distance : 600mm)



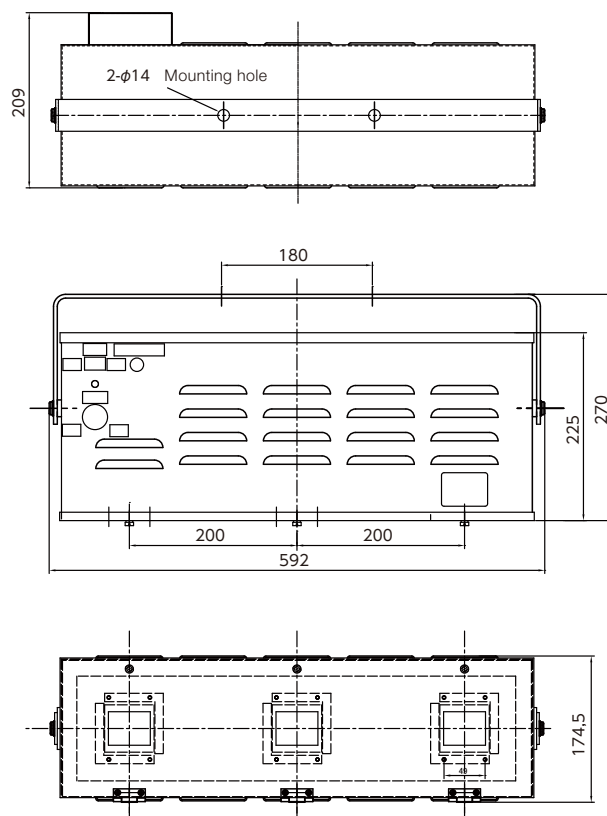
### ○Combination data (Irradiation distance : 600mm)



■ 0-1,000 ■ 1,000-2,000 ■ 2,000-3,000 ■ 3,000-4,000 ■ 4,000-5,000 ■ 5,000-6,000

\* Performance may be impaired if the irradiation distance is too short.

## External Dimensional Drawings



## Specification

Input voltage	AC100V - AC240V±10%, 50/60Hz
Power consumption	100W or less
UV light source	UV-LED : 3 EA (not compatible with the LED light sources of Marktec Super-Light D-10L/D-40L/E-40L)
UV Intensity	Central UV intensity : Over 4,000μW/cm <sup>2</sup> (Irradiation distance : 600mm)
Main path wavelength	365nm ±5nm (LED light source nominal value)
Lifetime of UV light source	Approx. 13,000 hours (not guaranteed)
Dimmer function	UV intensity control become possible (0~100%)
Combination pitch	600mm (recommended)
Usage environment	Ambient temperatures : 5 - 40°C Relative humidity : 20 - 80% (with no condensation)
Dimension/weight	592W × 209D × 270H mm, Approx. 8.0kg
Error indication	When the cooling fan is stopped, Buzzer and alarm will start to work
External control	ON/OFF function

\*Primary side cables are within the customer's range.

All specifications and designing are subject to change without notice.

Integrated supplier of Non-Destructive Testing and Marking



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