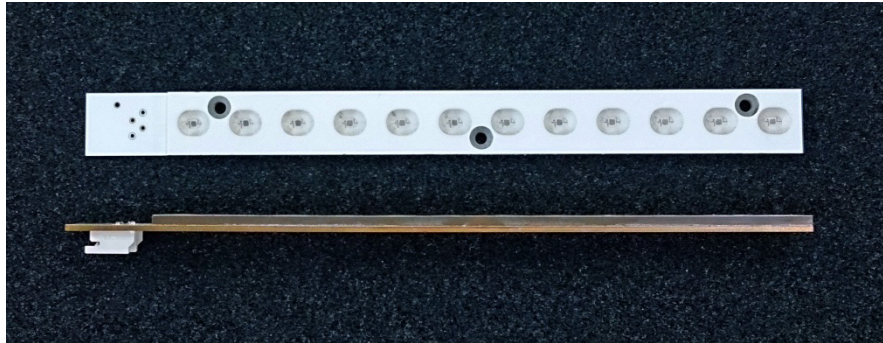


HU01B365V-12R
Ultra High Power UV Array

HU01B365V-12R is InGaN LED mounted on copper PCB.
These devices are available to be operated and 1050mW/cm² at 500mA.



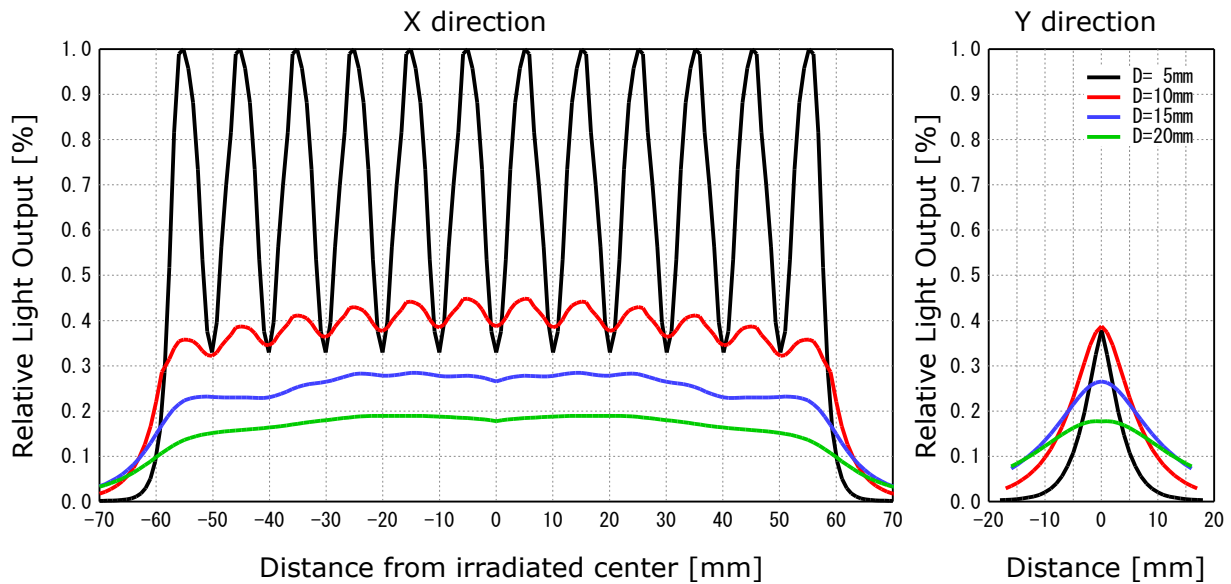
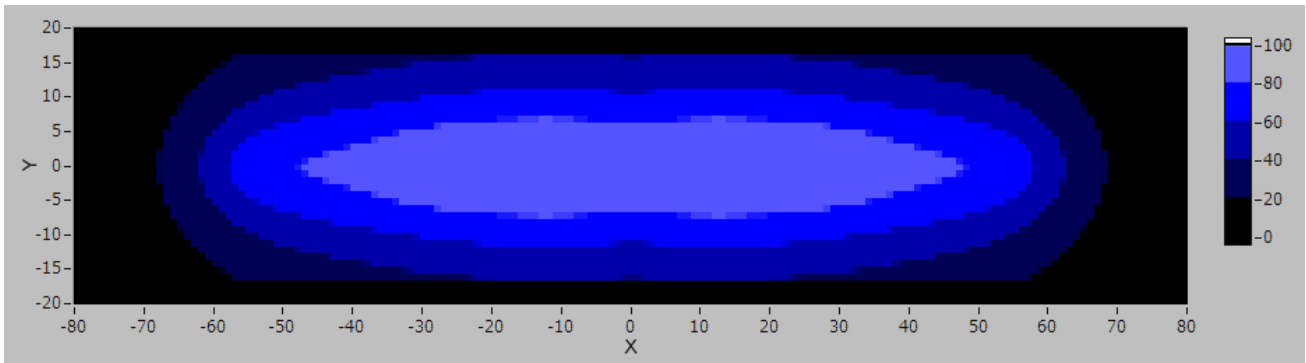
Specifications	
Product Name	Ultra High Power UV Array
Type No.	HU01B365V-12R
Outer Dimension	12mm(W)x136mm(L)x3mm(H)
Radiation Area	6mm(W)x116mm(L)
Peak Wavelength	365nm typ.
Radiated Intensity*	1050mW/cm ² **
Input Current	500mA
Input Voltage	45V typ.
Power Dissipation	30W max.
Operating Temperature	-40°C~ +80°C
Storage Temperature	-40°C~ +100°C
Sealant	Silicone Resin
Gross Weight	20g

* 5 minutes after lamp ON at distance of 2mm within irradiation area.

** Radiated Intensity is measured by USHIO UTI-150-A.



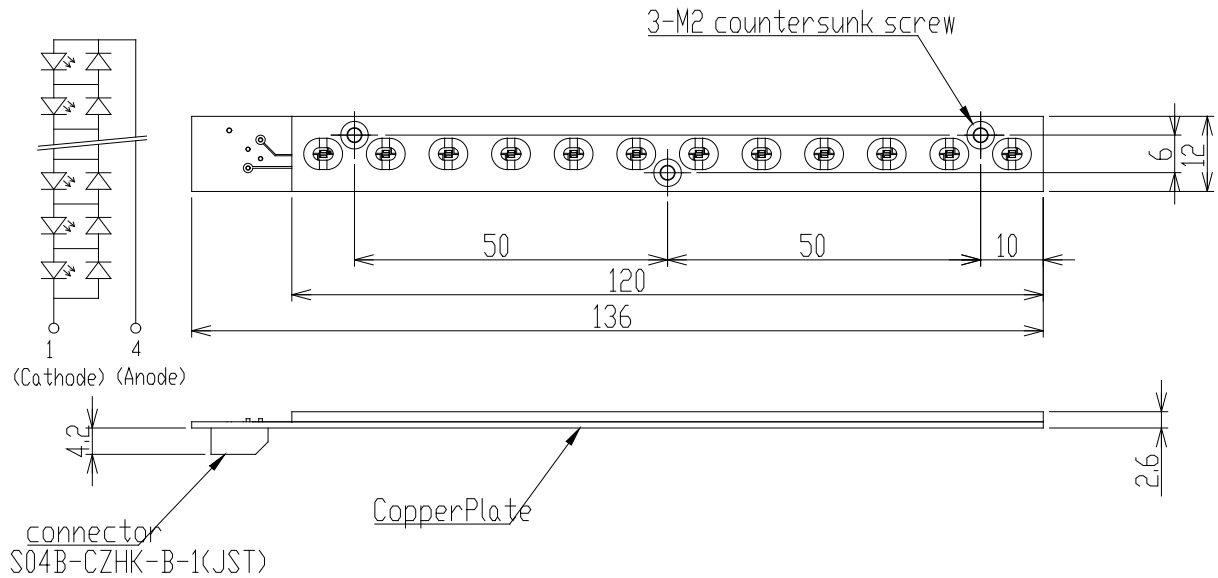
Distribution of Radiated Intensity (Example) (D=20mm)



Radiated Intensity at Distance of D mm from the surface

Distance from the surface	Radiated Intensity	Unit
2mm	1050	mW/cm ²
5mm	450	
10mm	200	
15mm	130	
20mm	90	
150mm	6	

Outer Dimension (Unit:mm)



Disclaimer

Product specifications and data shown in this product catalog are subject to change without notice for the purposes of improving product performance, reliability, design, or otherwise.

Product data and parameters in this catalog are typical values based on reasonably up-to-date measurements. Product data and parameters may vary by user application and over time.

Products shown in this catalog are intended to be used for general electronic equipment. Products are not guaranteed for applications where product malfunction or failure may cause personal injury or death, including but not limited to life-supporting / saving devices, medical devices, safety devices, airplanes, aerospace equipment, automobiles, traffic control systems, and nuclear reactor control systems.

2013.06