

# Ultraviolet Lamps

# ekumet UV-100

High quality UV LED produces an optimum  $365\text{ nm} \pm 10\text{ nm}$  wavelength (narrow-band), no UV-B and UV-C with very low visible light emission ( $< 20\text{ Lux}$ )



## Main Features

UV Intensity at 15 inches (38 cm)

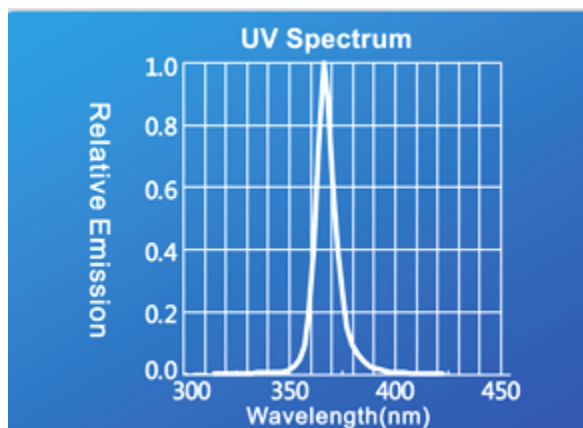
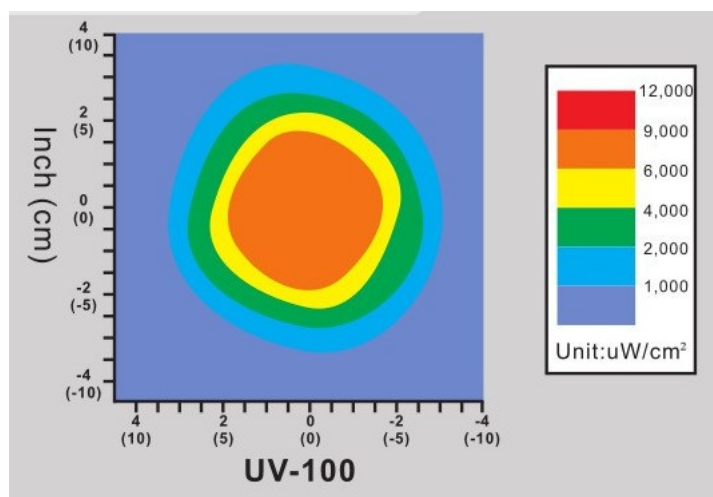
UV-100:  $> 8,200\text{ uW/cm}^2$

Diameter UV coverage area at 15 inches

(38 cm) UV-100: 6.3" (160 mm)

Low battery indicator.

Recharge battery in 50 minutes.



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## Technical Specifications

Method	Ultraviolet lamp
Intensity	>8,200 $\mu\text{W}/\text{cm}^2$
Lifetime	30,000 hours
Heat	Low power consumption, low heat temperature rise $<5^\circ\text{C}$
Warm up time	Instant on/off at full intensity
Power supply	Power Supply: 115-240 VAC / 50-60 Hz ( Universal )
Dimensions	8.6 " $\times$ 9.4 " $\times$ 4.3 " ( 220 $\times$ 240 $\times$ 110mm L $\times$ W $\times$ H )
Weight	1.5 pounds ( 0.7Kg )

### Includes:

UV LED lamp  
Charger ( 100 - 240 VAC ) with 2.5 m Cable

### INPUT:

Voltage: 90 ~ 264VAC

Frequency range: 47~63Hz

### OUTPUT:

Voltage: 12VDC

Rated current: 2.08A, range:0~2.08A

Rated power ( max ) : 25W

UV Absorbing Spectacles

Soft Carrying Case

Instruction Manual

### Optional:

Li Rechargeable Battery with charger

Capacity: 6000mAh

Quick charger: 1 hour

## PRODUCT CERTIFICATE

PRODUCT	LED Black light
MODEL	UV-100
SERIAL NO.	100004
MEASUREMENT BASED ON	ASTM E1417M-11/ ASTM E1444M-11
MEASUREMENT RESULT	QC Passed

### Testing Report:

The following data were obtained by using UV & Visible Light Meter TN-365 & YOKOGAWA at 15" (38cm) away from UV lights.

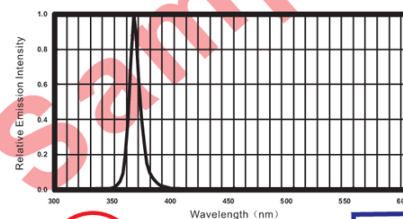
Maximum UV-A intensity @365nm : 8,254  $\mu\text{w}/\text{cm}^2$

Maximum Visible light @555nm : 15 Lux

### If White LED light enabled:

Maximum Visible light @555nm : 3080 Lux

### UV-A Spectrum:



Effective Seal

INSPECTOR INSPECTOR 3

MANAGER INSPECTOR 1

Date of Measurement: 2014.1.13

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