



# VM Torch Technical Specifications

## Characteristic and Performance

Yushi VM Series Torch adopt high -power 365nm Ultraviolet band LED Lapm Beads produced by Japanese NICHIA company, free from UV-B and UV-Celement, spectrum is pure.

The lifetime of Lamp Beads reach up to 20000 hours, efficient, energy conservation and environment friendly.

Quick start, can reach the maximum illuminance as soon as switched on.

Ultra-low power consumption, ultra-high efficiency. Working hours are much more than similar products.

Cold light source, long time and stable illuminance.

Professional black filter.

High strength aviation aluminium shell the anodized surface.

The enhanced heat dissipation design, so the lamp can be used continuously for a long time.

Dedicated high-speed charger is equipped.

with anti magnetic interference function, it can be used in high-intensity magnetic field.

Specification					
PARAMETER		VM 10	VM 30	VM 50	VM 70
NOMINAL STEADY-STATE UV-A INTENSITY at 38cm (15 in)		10000 $\mu\text{W}/\text{cm}^2$	13000 $\mu\text{W}/\text{cm}^2$	L : 8000 $\mu\text{W}/\text{cm}^2$	20000 $\mu\text{W}/\text{cm}^2$
				H : 20000 $\mu\text{W}/\text{cm}^2$	
UV-A COVERAGE AREA at 38cm (15 in) at minimum 1200 $\mu\text{W}/\text{cm}^2$		$\Phi$ 63mm	$\Phi$ 55mm	$\Phi$ 55mm	$\Phi$ 105mm
VISIBLE LIGHT MEASUREMENT		2.91 lux	3.4 lux	3.14 lux	5.8 lux
BLACK LIGHT FILTER		●	●	●	●
LIGHT SOURCE		365nm UV-A LED			
NUMBER of LEDs		1	1	1	3
BATTERY MODEL	ICR 18650 Li-ion battery	●			●
	ICR 26650 Li-ion battery		●	●	
BATTERY CAPACITY		3.7V 2600mAh	3.7V 3800mAh	3.7V 3800mAh	3.7V 2600mAh
NUMBER of BATTERIES		1	1	2	4
RUN TIME (CONTINUOUS)		4 hours	5 hours	L : 18 hours	5 hours
				H : 8 hours	
CHARGE TIME		5 hours	6 hours	7 hours	5 hours
DIMENSIONS	LAMP HEAD DIAMETER	28mm	40mm	62mm	60mm
	WINDOW DIAMETER	22mm	34mm	55mm	50mm
	LENGTH	128mm	144mm	240mm	143mm
WEIGHT (with Battery)		140g	240g	520g	610g