

VISTA
Handheld Inspection Lamp





The hand-held Vista UV LED lamp has a white light and UV light function, as per ASTM E3022. As with all our lamps the Vista series is equipped with a UV Filter.

The Vista carries a 12.8 Mega-Pixel HD Camera with UV filter and is ideal for capturing images or video of inspections, enhancing data and reporting capabilities. The “intelligent” operation system is Android 4.4 based and data can be transmitted via Bluetooth, email, built-in Wi-Fi or Micro-USB.

The **VISTA 45-C** has 3 UV LEDs, a white light LED and an interchangeable lens.

The **VISTA Series** of UV LED Lamps can be powered both by mains or batteries; where applicable a battery life indicator will warn the operator when power is low in order to maintain smooth operations.

Models in the Vista range are compliant with ASTM E3022, E1417 ANSI/ NCSL Z540-1-1994 and Rolls Royce: RRES 90061.

LED	3 UV LEDs, 1 white light
UV-A Irradiation (at 380mm)	With blacklight filter:~4500µw/cm2
Visible Light	<5 Lux
Peak Wavelength	365-370nm
Wavelength Drift (elevated temperature)	≤5nm
Emission Spectrum	
Full Width at Half Maximum (FWHM)	≤15nm
Longest Wavelength at Half Max(LWHM)	≤377nm
+/-Width at Half Maximum	≤±8nm
Full Width at 10% Maximum(FW10%)	≤25nm
+/-Width at 10% Maximum	≤±12nm
Minimum Beam Diameter	180mm(>1,000µw/cm2 UV-A intensity) 260mm(>200µw/cm2 UV-A intensity)
Minimum Working Distances	WD≤13nm
Weight	880g
Input Voltage	Mains:110-240V 50/60Hz
Battery	Operating time: 1h30min
Input power	9W
UV-A radiation	Total:2W
Ambient Conditions	
Operating Temperature	41-113°F(5-45°C)
Storage Temperature	41-113°F(5-45°C)
Humidity during operation	Maximum 90% relative humidity (Non-condensing)
Air humidity, storage	Maximum 90% relative humidity (Non-condensing)
Emissions	
UV Radiation	No UV-B or UV-C radiation generated
Visible Light	Visible light emission less than 5 Lux (1 ft-candle)



Zooming Function



Changeable Lens



Android Based O/S

Distributed by:

Tel: +44 (0)1432 267671
sales@bw-nde.com
bw-nde.com

