



EV5000

VIBRANCE®

UV LED black light



HIGH PERFORMANCE NDT INSPECTION UV-LED BLACK LIGHT

- UP TO 50,000 HOURS LED BULB LIFE
- NEW LIGHTWEIGHT ERGONOMIC DESIGN
- COOL RUNNING
- INDIVIDUALLY CERTIFIED AND SERIAL NUMBERED
- FREE IN-SERVICE REPLACEMENT LIGHT

INDIVIDUALLY CERTIFIED FOR
WAVELENGTH OF $365 \pm 5\text{nm}$
& INDUSTRY STANDARDS FOR
UV OUTPUT.



MAGNAFLUX®

New VIBRANCE® EV5000 UV-LED Black Light System from Magnaflux® Offers 50,000 Hr. Bulb Life

The new VIBRANCE® EV5000 UV-LED Black Light System from Magnaflux could be the last UV NDT inspection light you will ever buy. With each of its four long-life LED clusters rated with an average bulb life of up to 50,000 hours, you may not have to worry about shopping around for a replacement bulb for the next 20 years. When you take into consideration the average life span and replacement cost of an old mercury vapor bulb, your Magnaflux VIBRANCE® EV5000 UV-LED Black Light will go a long way toward paying for itself before its first bulb replacement . . . and should you ever need to change a bulb or have your EV5000 repaired for any reason, we'll provide you with a FREE in-service loaner light to use while its being serviced.

Ergonomic Design and 30% Lighter Weight Reduces Operator Stress and Fatigue

Long bulb life and cost savings are not the only reasons that you're going to want to get your hands on a new Magnaflux VIBRANCE® EV5000 UV-LED Black Light System. Its lightweight ergonomic design place it at the top of its class in terms of comfort and ease of use. Weighing in a full 30% less than its mercury vapor UV counterpart, it's a pure pleasure to use reducing operator stress and fatigue throughout the NDT inspection process. Our cool-running LEDs and unique convection driven heat dissipating design also prevent any risk of operator burns, eliminating the need for a cooling fan to further reduce energy costs.

Individually Certified for Wavelength of 365 ± 5nm

All VIBRANCE® EV5000 UV-LED Black Light Systems are individually tested and certified for wavelengths of 365 ± 5nm and meet industry standards for UV output. You can count on your VIBRANCE® EV5000 to get . . . *the job done right!*

Up to 50,000 hour bulb life,
free in-service loaner,
and 30% lighter.



VIBRANCE® EV5000 UV-LED BLACK LIGHT BENEFITS

- Lightweight ergonomic design reduces muscle fatigue and stress throughout the NDT inspection process.
- Average LED bulb life of up to 50,000 hours provides 20 years of potential operating service.
- Every VIBRANCE® EV5000 UV-LED Black Light is individually serial numbered, tested, and delivered with a certificate of wavelength compliance.
- Industry's most comprehensive warranty plan includes FREE loaner light should your VIBRANCE® UV-LED Black Light ever require repair or bulb replacement.
- Rugged aluminum housing has been designed to stand up to years of NDT inspection.
- Delivers 90% savings in power consumption versus traditional UV black lights.

Part Number	624673
UV Source	4x high performance UV-LEDs
UV-LED Bulb Lifespan	Approx. 50,000 hours
Wavelength	365 ± 5nm
UVA Intensity	Exceeds industry requirements
Operating Voltage	24V DC
Surface Temp. of Lamp Housing	< 104°F (40°C)
Power Supply	115 Volt AC/60 Hz/1 Phase
Power Consumption	< 15W
UV Emission	The lamp does not generate any UVB or UVC radiation.
Dimensions	9.5" x 6.5" x 4"
Weight	Approx. 2 lbs.



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