



EV5000
IBRANCE[®]
UV LED black light

New Model



**HIGH PERFORMANCE NDT INSPECTION
UV-LED BLACK LIGHT**

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

INDIVIDUALLY CERTIFIED FOR
WAVELENGTH BETWEEN 365 - 370nm
& INDUSTRY STANDARDS FOR
UV OUTPUT.



New VIBRANCE® EV5000 UV-LED Black Light System from Magnaflux® Offers 50,000 Hr. LED 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 life span of up to 50,000 hours, you may not have to worry about shopping around for a replacement LED for the next 20 years. When you take into consideration the average life 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 LED replacement . . . and should your LED array ever fail or need repair for any reason, other than customer misuse or damage, we will provide you with a FREE in-service loaner light to use while it's being serviced.**¹

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

Long 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 Between 365 - 370 nm

All VIBRANCE® EV5000 UV-LED Black Light Systems are individually tested and certified for a wavelength between 365 - 370nm and meet industry standards for UV output. Your can count on your VIBRANCE® EV5000 to get . . . *the job done right!*

Up to **50,000** hour LED 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 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 LED replacement.¹
- 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 Lifespan	Approx. 50,000 hours
Wavelength	Certified 365 - 370 nm
UVA Intensity	~5,000 µW/cm ² at 15 inches (38 cm)
Operating Voltage	24V DC
Surface Temp. of Lamp Housing	< 104°F (40°C)
Power Supply	110-240 Volt AC/50-60 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" (24 x 16.5 x 10 cm)
Weight	Approx. 2 lbs. (1 kg)

¹Based on loaner light availability. Not applicable for LED failure or light damage resulting from customer misuse or damage.



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