

# SPECTROLINE®

## EK-3000 **EAGLE™ EYE**

### UV-A/White Light LED Inspection Kit (U.S. and foreign patents pending)

**A New Palm-Sized, Cool-Running,  
Hands-Free Light Source!**

**Ideal for fluorescent magnetic particle and  
penetrant testing, mining inspection and  
a variety of other specialized applications!**

#### Features

- Compact, lightweight lamp with two ultra-high intensity UV-A (365 nm) LEDs for inspection, plus a three-LED white light assembly for general illumination
- Adjustable strap allows lamp to be worn on a hard hat or directly on the head for hands-free operation
- Unique lamp mount/sprayer attachment permits lamp and spray can to be mounted together for convenient, single-handed fluorescent yoke inspection
- Built-in fan keeps lamp cool to maintain optimum UV-A intensity during extended use
- Splash guard with integral particulate filter protects UV lenses and cooling fan from damage
- 100,000-hour LED service life
- Powered by a rechargeable lithium-ion battery (included). Provides up to 75 minutes of continuous inspection between charges.



Spray and inspect  
in one simple step!



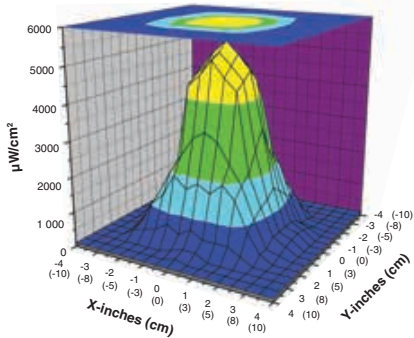
**SPECTRONICS  
CORPORATION**

**ISO 9001:2008  
CERTIFIED COMPANY**

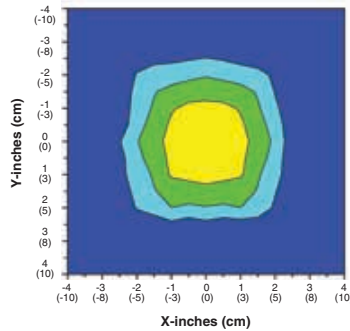
# EK-3000 **EAGLE EYE™**

## UV-A/White Light LED Inspection Kit

This versatile kit features the EagleEye lamp, a powerful, palm-sized unit with two ultra-high intensity UV-A (365 nm) LEDs for inspection, plus a three-LED white light assembly for illumination in dark workspaces. An adjustable strap allows the lightweight lamp to be worn on a hard hat or directly on the head! This kit is perfect for fluorescent magnetic particle and penetrant testing, mining inspection and countless other “hands-free” inspection applications!



Surface Contour Profile at 15 in (38 cm)



Top Intensity Profile at 15 in (38 cm)

### LAMP SPECIFICATIONS

**Product Number:**  
EE-365

**Light Sources:**  
2 UV LEDs, 3 white light LEDs

**Dimensions:**  
Length 3.75 in (9.5 cm)  
Width 2.25 in (5.7 cm)  
Height 1.85 in (4.7 cm)

**Weight with battery:** 8 oz (227 g)

**Power requirement:**  
One 3.7V 2200mA/Hr lithium-ion battery (rechargeable)

**Run time:**  
75 minutes (continuous)

**Charge time:**  
4 hours (two batteries)

**Charging cradle:**  
Two-battery capability with AC and DC cord sets. AC cord set available in 120V, 230V, 240V and 100V versions.

**Nominal steady-state UV-A (365 nm) intensity:**

6 in (15 cm) — 20,000  $\mu\text{W}/\text{cm}^2$   
15 in (38 cm) — 4,500  $\mu\text{W}/\text{cm}^2$   
24 in (61 cm) — 2,000  $\mu\text{W}/\text{cm}^2$   
36 in (91 cm) — 1,000  $\mu\text{W}/\text{cm}^2$

**NOTE:** All UV-A intensity readings taken with a Spectroline® AccuMAX™ Series meter



The EK-3000 EagleEye™ Kit also comes with a lanyard, two replacement splash guards with integral particulate filters, two spare batteries, battery charging cradle with AC and DC cord sets, UV-absorbing spectacles and soft carrying case.

### REPLACEMENT PARTS

<b>EE-365</b>	UV-A/white light LED lamp	<b>128225</b>	DC cord set for 128217
<b>LMS-100</b>	Lamp mount/sprayer	<b>127568</b>	Lithium-ion battery (rechargeable)
<b>HS-100</b>	Head strap	<b>UVS-30</b>	UV-absorbing spectacles
<b>SG-100</b>	Splash guard with integral particulate filter (set of three)	<b>UL-100</b>	UV lens
<b>128217</b>	Battery charging cradle with AC cord set	<b>CC-370A</b>	Soft carrying case

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