



**EK-3000**

## UV-A/White Light LED Inspection Kit

*(U.S. and foreign patents pending)*

***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!**



**Spray and inspect  
in one simple step!**

- 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.
- **Certificate of compliance** for both wavelength and output measurements supplied with every lamp



**EK-3000 EagleEye™ Kit** 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.

## 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 2200mAh/Hr lithium-ion battery (rechargeable)

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

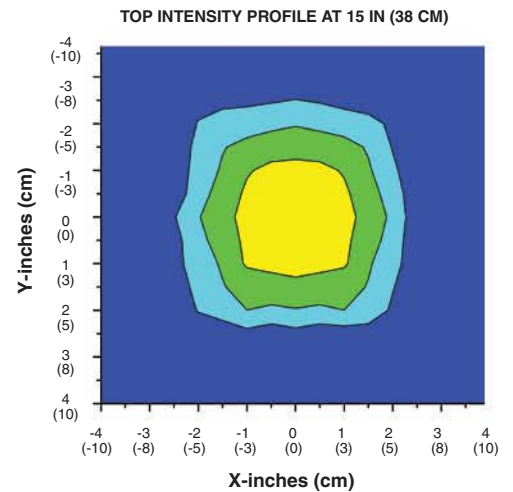
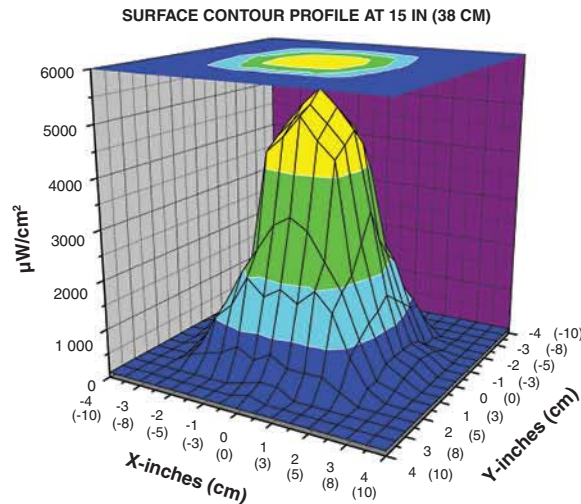
**Charge Time:**  
4 hours (two batteries)

**Charging Cradle:**  
Two-battery capability with AC and DC cord sets.

**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 Spectrolin® AccuMAX™ Series meter

## UV-A BEAM PROFILE



## Replacement Parts & Accessories

<b>EE-365</b>	UV-A/white light LED lamp
<b>LMS-100</b>	Lamp mount/sprayer
<b>HS-100</b>	Head strap
<b>SG-100</b>	Splash guard with integral particulate filter (set of three)
<b>128217</b>	Battery charging cradle with AC cord

<b>128225</b>	DC cord set for 128217
<b>127568</b>	Lithium-ion battery (rechargeable)
<b>UVS-30</b>	UV-absorbing spectacles
<b>UL-100</b>	UV-A lens
<b>CC-370A</b>	Soft carrying case