

TESTED TO COMPLY WITH



MEETS  
EN ISO:3059  
Specifications

SPECTROLINE®

# EDGE™ 13 SERIES

Compliant LED UV-A Flood Lamp

EDG-13HC

High-intensity **ASTM E3022-18** compliant broad-beam flood lamp for overhead nondestructive testing inspections.

**IP65  
RATED**



**Dust Tight &  
Water Resistant**



**NDT Inspection  
Booths**



**Screening of  
Fluorescent Particles**

## **FLEXIBLE ARM**

For mounting at specific angles

## **FANLESS**

Cool running design that uses state-of-the-art heat sinks

## **THERMAL CUT-OFF CIRCUITRY**

Prevents lamp from going out of compliance when internal temperature exceeds specifications

## **INTEGRAL UV-A PASS FILTERS**

Reduce visible wavelengths

## **EASILY MOUNTABLE**

For overhead inspection or in-line applications

## **GANGABLE**

Can be ganged together to provide an even wider coverage area

## **LONG-LASTING UV-A LENSES**

Virtually eliminate clouding/solarization

## **13 UV-A LEDs**

Provides large area of coverage for the largest, most even overhead beam available



**CERTIFICATE OF  
CONFORMANCE**  
included with each lamp

# EDGE™ 13 SERIES EDG-13HC

MODEL	NOMINAL STEADY-STATE UV-A (365 nm) INTENSITY at 15 in (38 cm) ①	VISIBLE LIGHT MEASUREMENT	UV-A COVERAGE AREA (at minimum 1,000 µW/cm²)
EDG-13HC	8,500 µW/cm²	< 1 foot-candle (11 lux)	24 x 22 in (61 x 56 cm)

<b>Light Source:</b>	(13) UV-A (365 nm) LEDs
<b>Lamp Style:</b>	Panel flood lamp
<b>Length: (L x W x H)</b>	11 x 14 x 9 in (28 x 36 x 23 cm)
<b>Weight:</b>	14 lb (6.4 kg)
<b>Power Requirements:</b>	AC power (main AC power cord supplied with the unit) (Available in 100-120V, 230V and 240V versions)

① UV-A intensity reading taken with the Spectroline® AccuMAX™ Series meter, and are factory set to the values shown.



**CERTIFICATE OF CONFORMANCE**

**SPECTROLINE**  
Certification to ISO 9001:2015

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**CERTIFICATE OF CONFORMANCE**

MODEL NUMBER: EDG-13HC  
STANDARD: ASTM E3022, Type A

SERIAL NUMBER:  
PART NUMBER:

APPARATUS & D.	MANUFACTURER	MODEL NUMBERS
UV-A/Visible Meter (B.1)	Spectroline Corporation	AccuMAX 200™
Spectroradiometer (B.2)	StarNet	StarNet 25, NR 3-25
Spectrophotometer (B.3)	StarNet	StarNet 25, NR 3-25

**LAMP ACCEPTANCE TEST (A.1)**

Requirement	As Received: TFR (S.1)
Minimum Irradiance (7.3)	At 15 inches (38 cm): µW/cm²
Emission Spectrum (7.4.4)	Micro range 300-400nm See Figure 1.0 - Fig. 2
Peak Wavelength (7.4.7)	360 to 370nm nm
FWHM (7.4.8)	400nm nm
Longest Wavelength at Half Maximum (7.4.9)	< 370nm nm
UV-A LED Visible Measurement (S.5) at 15 in (38cm)	< 2.5 (21 lux) F.C. Lux

Inspector: \_\_\_\_\_  
Date: \_\_\_\_\_

Steven Brand - Quality Manager

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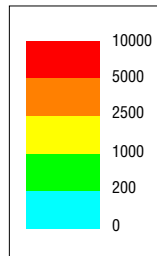
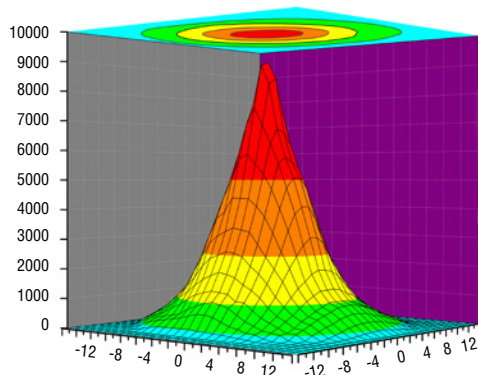
For applications requiring extremely large coverage area, the EDGE™ 13 can be quickly ganged together.

\*Optional accessory: ganged cables with connectors (130156)



## UV-A Beam Profiles

Surface Contour Profile at 15 in (38 cm)



Top Intensity Profile at 15 in (38 cm)

