**TESTED TO COMPLY WITH BOTH**

**ASTM** E3022-15 Standard

**Rolls-Royce RRES 90061** Requirements

**MEETS EN ISO:3059** Specifications

**SPECTROLINE®** NDT

# EDGE™ 13 SERIES

## LED UV-A ASTM/RRES Compliant Flood Lamp

**EDG-13SBLC**

Standard intensity **ASTM E3022-15** and **Rolls-Royce RRES 90061** compliant broad-beam flood lamp for overhead nondestructive testing inspections.

**IP65 RATED**

**Dust Tight & Water Resistant**

**NDT Inspection Booths**

**Screening of Fluorescent Particles**

**EASILY MOUNTABLE**
For overhead inspection or in-line applications

**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

**GANGABLE**
Can be ganged together to provide an even wider coverage area

**INTEGRAL BLACK LIGHT FILTERS**
Reduce visible wavelengths

**13 UV-A LEDS**
Provides large area of coverage for the largest, most even overhead beam available

**LONG-LASTING UV-A LENSES**
Virtually eliminate clouding/solarization

**CERTIFICATE OF CONFORMANCE & VALIDATION REPORT**
included with each lamp

## EDGE™ 13 SERIES

| MODEL | NOMINAL STEADY-STATE UV-A (365 nm) INTENSITY at 15 in (38 cm) ① | VISIBLE LIGHT MEASUREMENT | UV-A COVERAGE AREA (at minimum 1,200 µW/cm²) |
|---|---|---|---|
| EDG-13SBLC | 4,700 µW/cm² | < 1 foot-candle (11 lux) | 14.5 x 13 in (37 x 33 cm) Diameter |

| | |
|---|---|
| **Light Source:** | (13) UV-A (365 nm) LEDs |
| **Lamp Style:** | Panel flood lamp |
| **Length:** (L x W x H) | 11 x 14 x 9 in (28 x 36 x 23 cm) |
| **Weight:** | 14 lb (6.4 kg) |
| **Power Requirements:** | 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.

CE



✓ **VALIDATION REPORT**

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

*Optional accessory: ganged cables with connectors (130156)



✓ **CERTIFICATE OF CONFORMANCE**

## UV-A Beam Profiles



Surface Contour Profile at 15 in (38 cm)

| | |
|---|---|
| 🟧 | 5000 |
| 🟨 | 2500 |
| 🟨 | 1000 |
| 🟩 | 200 |
| 🟦 | |

EDG-13SBLC



Top Intensity Profile at 15 in (38 cm)