

EDGE™ SERIES

LED UV-A Panel Flood Lamps

SPECTRO-UV®

Get an **EDGE** on your overhead inspections with our leading flood lamp series.

The **EDGE™ Series** represents the pinnacle of LED UV-A overhead lamp technology, specifically designed for NDT professionals who require reliable and rugged inspection solutions. Available in two specialized configurations - the **EDGE™ 13 Series** for large parts inspection and the **EDGE™ 4** for wash station applications - these IP65 rated panels are dust-tight and protected against jets of water from all angles.



Key Features

EDGE™ 13 SERIES - Large Parts Inspection

The EDGE™ 13 Series features 13 UV-A LEDs that provide extensive area coverage for demanding inspection applications. Available in three models (EDG-13SBLC, EDG-13T, and EDG-13HC), these lamps deliver nominal steady-state UV-A intensities ranging from 4,700 to 8,500 $\mu\text{W}/\text{cm}^2$ at 15 inches, with coverage areas up to 16.5 x 17.25 inches at minimum 1,000 $\mu\text{W}/\text{cm}^2$.

- **13 UV-A LEDs** provide large area of coverage
- **EASILY MOUNTABLE** for overhead inspection or in-line applications
- **FLEXIBLE ARM** for mounting at specific angles
- **GANGABLE** design allows multiple units to be connected for wider coverage
- **FANLESS COOLING** reduces unexpected downtime
- **UV-A LENSES** virtually eliminate clouding/solarization
- **INTEGRAL UV-A PASS FILTERS** reduce output of wavelengths longer than 400 nm (SBLC model)
- **THERMAL CUT-OFF CIRCUITRY** prevents compliance issues when internal temperature exceeds specifications
- **HIGH-INTENSITY UV COVERAGE** with 60% lower power consumption - only 40W

Part Number	ASTM E3022	ISO 3059	RRES:90061	AIRBUS AITM6	PRATT & WHITNEY	Nominal Steady-State UV-A Intensity at 15 in (38 cm)	UV-A Coverage at 15 in (38 cm) at minimum 1,200 $\mu\text{W}/\text{cm}^2$	Power Source	Filter	UV-A LED	Adaptors
EDG-13SBLC	X	X	X	X	X	4,700 $\mu\text{W}/\text{cm}^2$	14.5 x 13 in (37 x 33 cm)	AC power 100-240V 50/60Hz	Yes	13	A/B, C/F, I, G, N, I w/ CCC Config.
EDG-13HC	X					*8,500 $\mu\text{W}/\text{cm}^2$	16.5 X 17.25 in (41.9 X 43.8cm)	AC power 100-240V 50/60 Hz	Yes	13	A/B, C/F, I, G, N, I w/ CCC Config.
EDG-13T						*6,500 $\mu\text{W}/\text{cm}^2$	16 X 17 in (40.6 X 43.2cm)	AC Power 100-240V 50/60 Hz	Yes	13	A/B, C/F, I, G, N, I w/ CCC Config.
EDG-4W						1,400 $\mu\text{W}/\text{cm}^2$ @ 48in. (122cm)	22 X 22 in (56 X 56cm)	AC Power 100-240V 50/60 Hz	No	4	A/B, C/F, I, G, N, I w/ CCC Config.

*EDG-13HC & EDG-13T can be set up until 10,000 $\mu\text{W}/\text{cm}^2$ per customer requirement

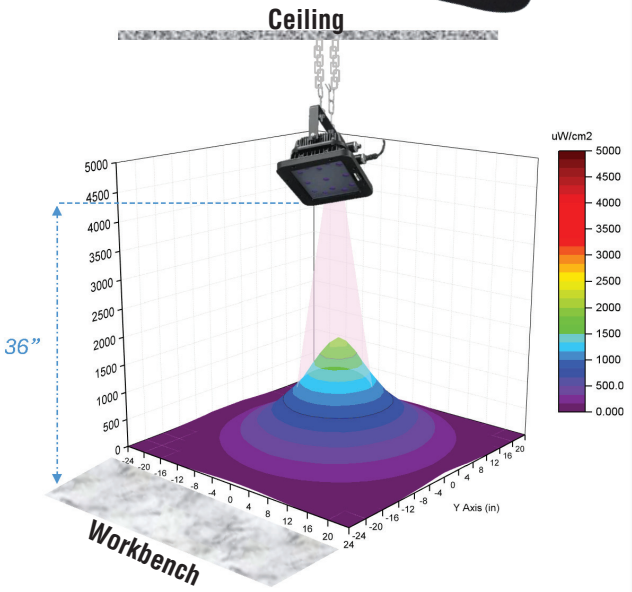
EDGE™ 4 - Wash Station Specialist

The EDGE™ 4 is engineered specifically for wash station environments, providing wide area coverage without excessive intensity. Four UV-A LEDs deliver a uniform beam that maintains consistency across various working distances, from 1,400 $\mu\text{W}/\text{cm}^2$ at 48 inches to 380 $\mu\text{W}/\text{cm}^2$ at 96 inches, with coverage areas ranging from 22 x 22 inches to 25 x 25 inches at minimum 200 $\mu\text{W}/\text{cm}^2$.

Universal Design Excellence

Both EDGE™ models share superior engineering characteristics:

- **FANLESS** cool running design using state-of-the-art heat sinks
- **IP65 RATED** housing protects against dust and water jets from all angles
- **Rugged construction** built for demanding industrial environments
- **TESTED TO COMPLY WITH ASTM E3022** Standard and EN ISO 3059 specifications
- **MEETS REQUIREMENTS for Rolls-Royce RRES 90061 (13 Series)**



Technical Features

Specifications	EDGE 13	EDGE 4
Light Source	(13) UV-A LEDs	(4) UV-A LEDs
Lamp Style	Panel flood lamp	Panel flood lamp
Dimensions (L x W x H)	11 x 14 x 9 in (28 x 36 x 23 cm)	11 x 14 x 9 in (28 x 36 x 23 cm)
Weight	14 lb (6.4 kg)	14 lb (6.4 kg)
Power Requirements	AC power (main AC power cord supplied with the unit. Also available in 100/120V (50/60Hz), 220V/240V (50Hz) versions)	AC power (main AC power cord supplied with the unit. Also available in 100/120V (50/60Hz), 220V/240V (50Hz) versions)
Cooling System	Fanless	Fanless

