



Spectronics Corporation Inspection Lights



Pexa is the authorized distributor of Spectronics Corporation, the world leader in ultraviolet technology. Offering a full line of Spectrolite® high intensity LED inspection lamps and equipment designed to meet the growing demands of the non-destructive testing industry.

Our UV-A light sources have been proven ideal for fluorescent inspection, detecting and identifying surface and subsurface flaws, as well as visual liquid penetrant and magnetic particle inspection applications.

uVision™ 365 Series

Multi-LED, Broad-Beam UV-A Inspection Lamps

The uVision™ 365 Series is Spectrolite's innovative line of compact, broad-beam, handheld NDT lamps.

These lightweight, yet rugged lamps boast an IP65 rating, making them dust-tight and water-resistant. Using a state-of-the-art heat sink, the uVision™ is mechanically cooled without the need for fans. In addition to the three powerful UV-A (365 nm) LEDs, it has a convenient white light LED for illuminating work areas. Compliant versions have embedded microprocessors to keep lamps within specifications.

UV365-SBLC model complies with ASTM-E-3022 and Rolls-Royce standard RRES90061.

Edge Series™

Edge 13 - UV-A Compliant Inspection Light

A New group of fanless, LED UV-A, IP65 rated flood lamps. Each model is designed for overhead applications in non-destructive testing and fluorescent inspection. The model EDG-13SBLC, a fully ASTM E3022-2015 and Rolls-Royce 90061 compliant LED UV-A flood lamp for overhead non-destructive testing.

Edge 4W - UA-A Wash Station Light

The EDGETM 4 is a flood lamp engineered specifically for wash stations. It provides a very wide area of coverage without a high intensity. The IP65-rated housing allows the lamp to work in wet and dirty environments. Heat sinks keep the lamp cool without the need for a fan, so no dust or water can enter. Four UV-A LEDs provide a wide, uniform beam that is highly consistent and reliable.

AccuPro™ Series

Digital Radiometer/Photometers

These compact meters feature an advanced microprocessor-controlled readout unit calibrated to accurately measure and display both ultraviolet (UV-A) and visible light readings, without the need to move the light source. Available in two versions: The AccuPro™ (XP-2000) features a single dual wavelength sensor detector designed to measure both ultraviolet and visible light. The AccuPro™ Plus (XP-4000) features a single 3-in-1 multi-purpose sensor that measures UV-A, visible and bluelight. Both units include a large, easy to read LCD screen with 4-digit autoranging display; a simple to use, three-button interface; and user-selectable, multilingual display settings.

Clarity

UV-A Compliant Inspection Torch

Spectrolite's first ASTM-compliant flashlight for non-destructive testing (NDT). Standing up to strict NDT standards, this product provides all of the top features required in an NDT flashlight. The IP68-rating means that it can withstand continuous immersion in one meter of water, making it ideal for rough environments. The 9-hour battery life is enough for a full work shift, making it the longest-running NDT flashlight on the market.



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Specifications

uVision™ 365 Series	UV-365SBLC*	UV-365HC	UV-365EH	UV-365ES
Tested to comply with; Rolls-Royce RRES 90061 Requirements	✓	✗	✗	✗
Tested to comply with; ASTM E3022-18 Standard	✓	✓	✗	✗
Tested to comply with; ENISO 3059	✓	✓	✓	✓
Nominal steady-state UV-A Intensity at 15 in (38cm)	< 5,000 µW/cm ²	6,000 µW/cm ²	7,000 µW/cm ²	< 5,000 µW/cm ²
UV-A Coverage Area at 15 in (38cm) at minimum 1,200 µW/cm ²	6 inches (15cm) Diameter	6.4 inches (16cm) Diameter	7 inches (18cm) Diameter	6 inches (15cm) Diameter
Filter/Faceplate	Integral UV-A pass filters		Standard faceplate	
Thermal Cut-Off Circuitry	✓		✗	
Visible Light Measurement	< 1 foot-candles (11 lux)		< 2 foot-candles (22 lux)	
In-Handle Lithium-Ion Battery	UV-365ZSBLC	UV-365ZSBLC	UV-365ZEH	
External Battery Pack	UV-365MSBLC	UV-365MHC	UV-365MEH	
Real Kit (50ft power cord)	UV-365SBLCR	UV-365HCR		

Clarity™ 365 Series			
Model	Nominal steady-state UV-A (365 nm) intensity at 15 inches (38 cm)	Visible light measurement	Diameter of UV-A coverage area at 15 inches (38 cm)
SPN-CLR365-HC	6,750 µW/cm ²	< 1 foot-candle (11 lux)	3 inch (7.62 cm)
SPN-CLR365-SC	4,500 µW/cm ²	< 1 foot-candle (11 lux)	4 inch (10.1 cm)

Edge™ 13 Series			
Model	Nominal steady-state UV-A (365 nm) intensity at 15 inches (38 cm)	Visible light measurement	Diameter of UV-A coverage area at 15 inches (38 cm)
EDG-13SBLC	4,700 µW/cm ²	< 1 foot-candle (11 lux)	14.5 x 13 inches (37 x 33cm)

Edge 4W Series			
Model	Nominal steady-state intensity at 48 inches (122 cm)	Diameter of UV-A coverage area at 48 inches (122 cm) at minimum 200µW/cm ²	LED Filter
EDG-4W	1,400 µW/cm ²	22 x 22 inches (56 x 56cm)	Protective clear filter
Model	Nominal steady-state intensity at 72 inches (183 cm)	Diameter of UV-A coverage area at 72 inches (183 cm) at minimum 200µW/cm ²	LED Filter
EDG-4W	670 µW/cm ²	24 x 24 inches (61 x 61cm)	Protective clear filter
Model	Nominal steady-state intensity at 96 inches (244 cm)	Diameter of UV-A coverage area at 96 inches (244 cm) at minimum 200µW/cm ²	LED Filter
EDG-4W	380 µW/cm ²	25 x 25 inches (63.5 x 63.5cm)	Protective clear filter

AccuPro™ Series Digital Radiometer/Photometers		
Part Number	Wavelength/Measurement Range	
XP-2000 AccuPro™ Dual Sensor (UV-A/VIS)	UV-A (365 nm) Irradiance Visible (555 nm) Illuminance	0-100 mW/cm ² 0-5,382 Lux (0-500 fc)
XP-4000 AccuPRO™ Plus 3-in-1 Sensor (UV-A/VIS/Blue)	UV-A (365 nm) Irradiance Visible (555 nm) Illuminance Blue (450 nm)	0-100 mW/cm ² 0-5,382 Lux (0-500 fc) 0-100 mW/cm ²



Pexa is a supplier of high technology materials to the aerospace, defence, electronics and energy industries. We are trusted partners of brand leading industrial product manufacturers; we employ progressive supply chain systems to deliver our promises. Our mission is to assist our customers to meet their own business objectives using our products and services; these products include surface finishing materials, aircraft maintenance products, application equipment and unique packaging solutions.

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