

TRITAN™ 365 SERIES

LED UV-A Handheld Lamps

TRITAN™ 365 SERIES NDT lamps are Spectroline's signature inspection lamps, and are used around the world for reliable inspections. TRITAN™ lamps feature three hi-flux UV-A (365 nm) LEDs for fluorescent inspection, plus a convenient white light LED to locate surface flaws and illuminate dark work areas. Their broad-beam configuration provides an extremely wide coverage area, while a compact head design allows access into areas inaccessible to larger UV inspection lamps.

	TRI-365SBLC*	TRI-365HC	TRI-365HB	TRI-365DB*	TRI-365MHB	TRI-365MDB*
TESTED TO COMPLY WITH Rolls-Royce RRES 90061 REQUIREMENTS	✓	✗	✗	✗	✗	✗
TESTED TO COMPLY WITH ASTM E3022-15 STANDARD	✓	✓	✗	✗	✗	✗
MEETS SPECIFICATIONS EN ISO 3059	✓	✓	✓	✓	✓	✓
Nominal Steady-State UV-A Intensity at 15 in (38 cm)	4,500 µW/cm²	7,000 µW/cm²	9,000 µW/cm²	< 5,000 µW/cm²	9,000 µW/cm²	< 5,000 µW/cm²
UV-A Coverage Area at 15 in (38 cm) at minimum 1,200 µW/cm²	5.5 in (14 cm) Diameter	6 in (15 cm) Diameter	6.5 in (16.5 cm) Diameter	5.5 in (14 cm) Diameter	6.5 in (16.5 cm) Diameter	5.5 in (14 cm) Diameter
Filter/Faceplate	Faceplate with integral UV-A pass filters			Standard faceplate		
Thermal Cut-Off Circuitry	✓	✗				
AC/DC Mobile Model	✗				✓	
Visible Light Measurement	0.5 foot-candles (5 lux)	< 1 foot-candles (11 lux)	< 2 foot-candles (22 lux)			

*These versions are adjusted to ensure that they provide a maximum steady-state UV-A intensity of less than 5,000 µW/cm² at 15 in (38 cm) UV-A intensity reading taken with the Spectroline® AccuMAX™ Series meter, and is factory set to the value shown.

Each lamp is fitted with an 8-foot cord and the appropriate plug for the country of destination. An optional 20-foot cord is available. The "/20" suffix denotes the 20-foot power cord options.



Technical Features

Light Source:	(3) UV-A LEDs, (1) white light LED	White Light LED Intensity:	400 foot-candles (4,306 lux)
Lamp Style:	Pistol grip	Power Requirements:	100-120VAC / 12VDC*
Lamp Head Diameter:	3.25 in (8.25 cm)	Battery Pack:	Type: 12V, NiMH (rechargeable) Run time: 3.5 hours continuous Charge time: 2 hours
Height:	8 in (20.3 cm)	Cooling System:	Built-in fan
Weight:	1 lb (454 g)		

(Also available in 230V & 240V versions)

Compliant Versions*

**3 UV-A LEDs
1 White Light LED**

Broad-Beam Configuration

Lightweight



LONG-LASTING UV-A LENSES

Reduce the rate of solarization

RUBBER BUMPER

With Borofloat® glass lens protects LEDs from damage

BUILT-IN FANS

Maintains optimum light output

THERMAL CUT-OFF CIRCUITRY

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

**(SBLC model only)*

WHITE LIGHT LED

Use to locate surface flaws

Faceplate with INTEGRAL UV-A PASS FILTERS

Reduce visible wavelengths

**(SBLC and HC models only)*

EASY CONTROL

Grip-mounted, three-way rocker switch (white light/off/UV)



**127955
STANDARD FACEPLATE**



**128196
FACEPLATE WITH INTEGRAL UV-A PASS FILTERS**

**(SBLC and HC models only)*

TWO REPLACEABLE CORD CHOICES

Standard or extra-long with AC plug and rubber boot