

TESTED TO COMPLY WITH BOTH



ASTM
E3022-18
Standard

Rolls-Royce
RRES 90061
Requirements

MEETS
EN ISO:3059
Specifications

SPECTROLINE®
NDT

EDGE™ 13 SERIES

Compliant LED UV-A Flood Lamp

EDG-13SBLC

Standard-intensity **ASTM E3022-18** 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

**INTEGRAL
UV-A PASS
FILTERS**
Reduce visible
wavelengths

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 &
VALIDATION REPORT**
included with each lamp

DISTRIBUE PAR / DISTRIBUTED BY:

QNDE
QUALITY NDE LTD

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EDGE™ 13 SERIES EDG-365SBLC

MODEL	NOMINAL STEADY-STATE UV-A (365 nm) INTENSITY at 15 in (38 cm) ☒	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)

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)

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

CE

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

*Optional accessory:
ganged cables with
connectors (130156)



SPECTROLINE® Validation Report				
MODEL NUMBER: EDG-13SBLC STANDARD: RAL-ROYAL RIES 9001			SERIAL NUMBER: PART NUMBER:	
TEST DESCRIPTIONS	PARAMETER	TEST TYPE - NOMINAL	INITIAL SWITCH ON	UNIT TEST
			AFTER T ₁	AFTER T ₂
Minimum Working Distance	5,000 µW/cm²	NA	15 inches	NA
Maximum Working Distance	1,200 µW/cm²	NA	100 inches	NA
Peak Wavelength	365 ± 5 nm	362 ± 2 nm	362 ± 2 nm	362 ± 2 nm
	50% Max Wt ± 20 nm (FWHM)	10 ± 1 nm	10 ± 1 nm	10 ± 1 nm
	50% Max Wt ± 10 nm	-5 ± 1 nm	-5 ± 1 nm	-5 ± 1 nm
	10% Max Wt ± 5 nm	22 ± 1 nm	22 ± 1 nm	22 ± 1 nm
	10% Max Wt ± 15 nm	100 ± 15 nm	100 ± 15 nm	100 ± 15 nm
Wavelength Drift	300nm to 370nm	Acceptable	Acceptable	
Visible Light	<10 Lux at Minimum Dist	2.31 Lux	2.31 Lux	2.31 Lux
	<5 Lux at Maximum Dist	0.28 Lux at 10m	0.28 Lux at 10m	0.28 Lux at 10m
Output Stability	10% stability over 60 min	NA	5 minutes	60 minutes
Ambient Temperature	10 degrees C to 30 degrees C	25 degrees C	25 degrees C	25 degrees C
Source Life*	75,000 - 100,000 hours	75,000 hours	75,000 hours	75,000 hours
NA - Not applicable				
Inspector:				
100 Brush Hollow Rd, Westbury, NY 11590 • PHONE: 516-333-4840 • FAX: 516-333-4839 • WWW.SPECTROLINE.COM				

✓ VALIDATION REPORT

SPECTROLINE® Certificate of Conformance		
MODEL NUMBER: EDG-13SBLC STANDARD: ASTM E3022, Type A		SERIAL NUMBER: PART NUMBER:
APPARATUS 6.0	MANUFACTURER	MODEL NUMBERS
UV-A/Visible Meter (6.1)	Spectroline Corporation	AccuMAX 3000*
Spectroradiometer (6.2)	Staffort	Spectroline 130156
Spectrophotometer (6.3)	Staffort	UVI 50-25, NIS 3-25
LAMP ACCEPTANCE TEST (8.1)	Requirements	At Ambient: 750 (25 C) (Spectroline, 130156)
Maximum Intensity (8.1)	At 15 inches (38 cm)	4,700 µW/cm²
Minimum Spectrum (8.4.1)	Min range 100-400nm	See Figure 1 & 2, 10-2
Peak Wavelength (8.4.2)	365 nm ± 5nm	NA
FWHM (8.4.3)	<10nm	NA
Longest Wavelength at Half Maximum (8.4.4)	<370nm	NA
UV-A LED Visible Light (Emission at 365 nm) (8.4.5)	<2.0 (2.0 Lux)	NA
Visible LED Light (Emission at 365 nm) (8.4.6)	<0.001 (0.001 Lux)	NA
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✓ CERTIFICATE OF CONFORMANCE

UV-A Beam Profiles

