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C4 Nomad LED UV-A LIGHT
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POWERED BY
M18 REDLITHIUM
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REDLITHIUM
Tested to comply with both
ASTM
E3022
Standard
Rolls-Royce
RRES 90061
Requirements
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C4 Nomad LED

UV-A LED Light Characteristics

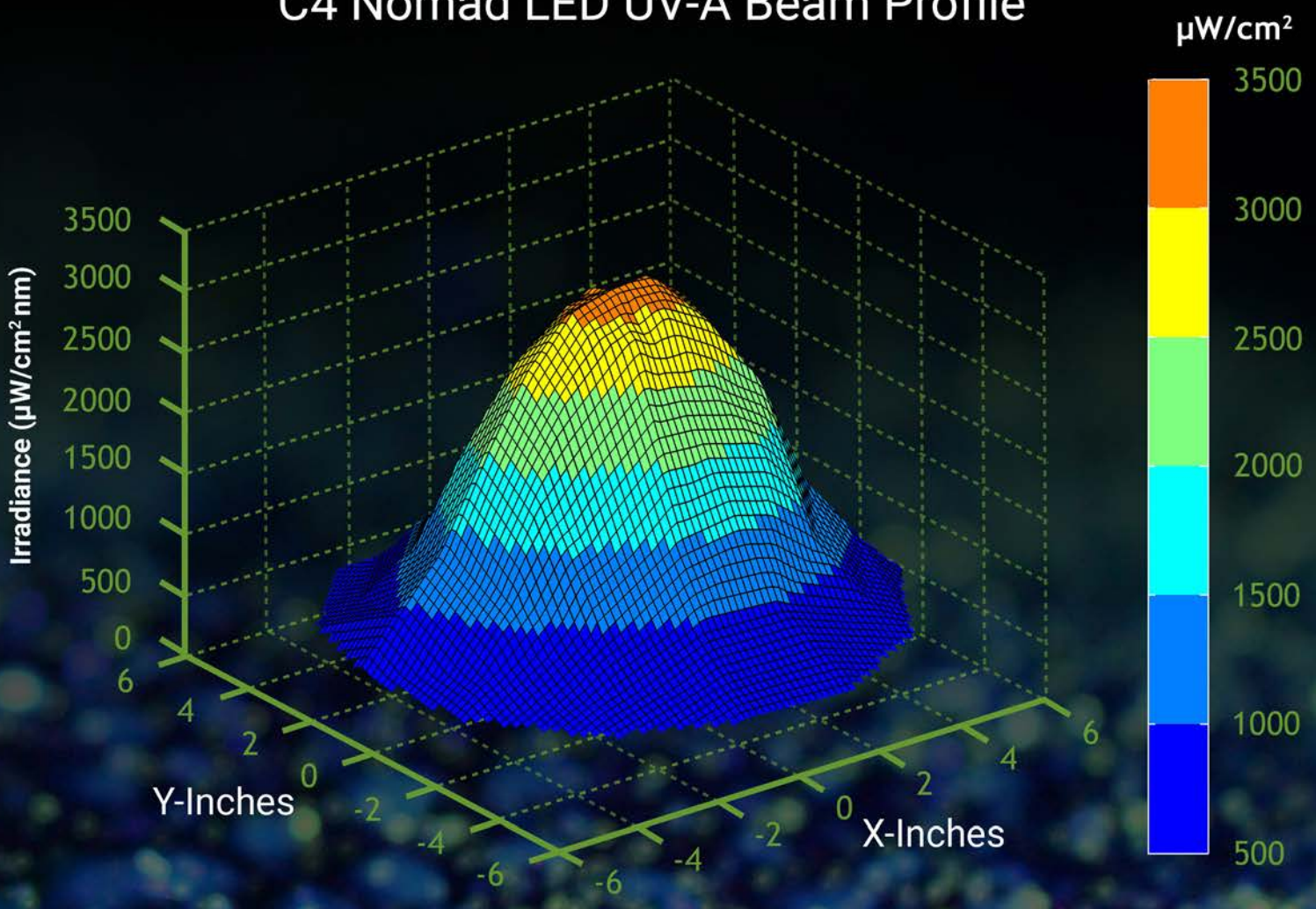
Performance Attributes	*Parameters*
Maximum Irradiance (at 15 in/38cm)	5000 µW/cm²
Peak Wavelength	365 ± 5 nm
Irradiance at Peak Wavelength (at 15 in)	> 200 µW/cm²
Typical Irradiated Area (profile at 15 in)	Circular Spot 9" Diameter > 1000 µW/cm² (347-382nm)
Emission Spectrum	
Full Width at Half Maximum (FWHM)	≤ 15 nm
Longest Wavelength at Half Max (LWHM)	≤ 380 nm
Full width at 10% Maximum	≤ 30 nm
Excitation Irradiance (347-382 nm)	> 2500 µW/cm²
Wavelength Drift (at 70˚F ambiant)	≤ 3 nm
Working Distances	
ASTM	Minimum WD ≤ 5 in
RRES 90061	Minimum WD = 15 in
	Maximum WD = 36 in
Typical Visible Emission	
ASTM range (400-760 nm)	≤ 2 ft candles
RRES 90061 range (390-800 nm)	≤ 20 lux at 15 in
	≤ 5 lux at 36 in

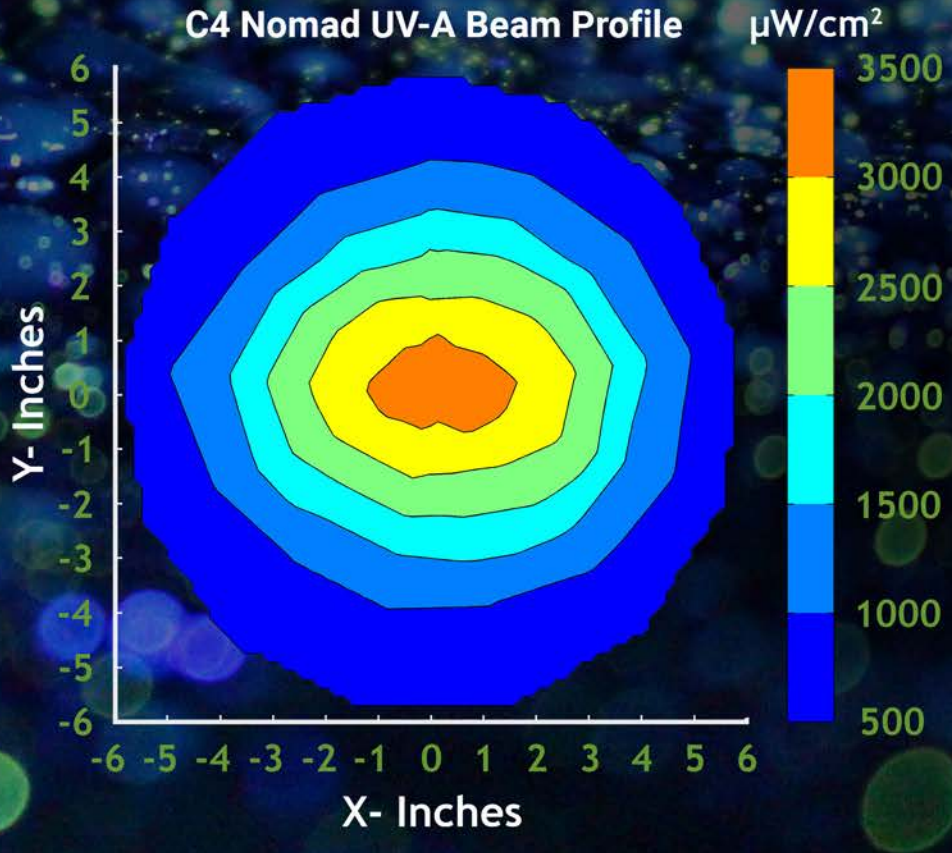
Physical Attributes	*Parameters*
Operating Environment	32 - 120˚F
Maximum Housing Temerature (at 70° F ambient)	116˚F
Lamp Cord Length	None
Power Supply	18 V Lithium Ion Battery
Weight	3.2 lb
Approximate run time/per battery	150 minutes
Specification Compliance	ASTM E3022
	RRES 90061

9” diameter spot size @ 15”
w/ irradiance > 1000 µW/cm²

LED Output Profile at 15 Inches

C4 Nomad LED UV-A Beam Profile





//////// 1-Year Warranty ////////

The Glo-Black C4 Nomad is a cordless LED UV-A light that is a lightweight, highly maneuverable solution that allows operator flexibility with an integrated, rechargeable 18V battery. Each Nomad comes with two 1.5 Amp batteries to enable continuous use.

The C4 Nomad is designed for all intensity requirements of Fluorescent Penetrant Inspection (FPI) and Magnetic Particle Inspection (MPI). The C4 Nomad provides a 9-inch diameter of UV-A intensity above 1000 µW/cm2 at 15 inches. The integral filter in the C4 Nomad limits the visible light to 20 lux (1.86 foot-candles) at 15 inches and 5 lux (0.47 foot-candles) at 36 inches. REL's C4 Nomad Inspection lamp contains a high flux-UV LED emitter with built-in static-electric discharge circuit. The light's electrical components are sealed and passively cooled within an engineered finned housing manufactured from military grade aluminum. This allows the light to perform in the harshest environments.

Kit includes:

- C4 Nomad Glo-Black LED UV-A light
- Rugged watertight case
- Two batteries
- 120V charger
- Safety glasses

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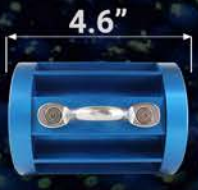
C4 Nomad LED attributes:

- Certificate of Conformance and a serialized validation report
- Tested to comply with Rolls-Royce RRES 90061 Requirements
- Tested to comply with ASTM E3022 Standard
- Tested to work as hard as you do
- Refurbishable



Directions For Use

1. Remove from impact resistant carrying case.
2. Drop
3. Kick
4. Use

*Note: Steps 2-4 can be performed in any order!

Weight: 3.2 lb.

REL, Inc.
57640 North Eleventh St.
Calumet, Michigan 49913
(906) 337-3018

relinc.net