



*American. Brilliance.*

## C4 Magnum LED UV-A Lamp

Tested to comply with



**ASTM E3022**  
STANDARD

Tested to comply with

**Rolls-Royce**  
**RRES 90061**  
REQUIREMENTS

Meets Specifications



**ISO 3059**



**NSN: 5980-01-671-7903**





# C4 Magnum LED UV-A Lamp

///// 2-Year Warranty /////

## UV-2000 includes:

- Glo-Black C4 Magnum LED UV-A Lamp
- 120/240V, 60W Power supply (UV-2023)
- Power cord (UV-2007)
- Rugged watertight case
- Safety glasses

## C4 Magnum LED attributes:

- Serialized Certificate of Conformance
- Tested to comply with Rolls-Royce RRES 90061 Requirements
- Tested to comply with ASTM E3022 Standard
- Input voltage 90V-264V AC
- Tested to work as hard as you do
- Refurbishable
- IP67 Rated

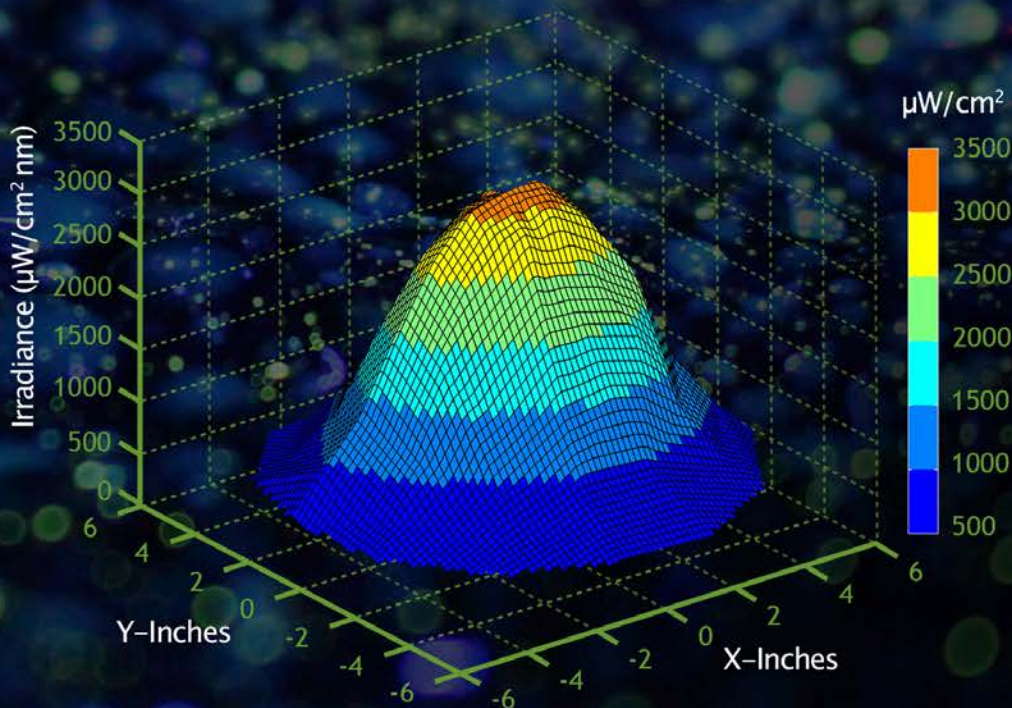
## Directions for use:

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

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



9" diameter spot size > 1000  $\mu\text{W}/\text{cm}^2$





# C4 Magnum LED UV-A Characteristics

| <i>Performance Attributes</i>                  | <i>Parameters</i>   |
|--|---|
| Maximum Irradiance (at 15 in/38cm)             | 5000 $\mu\text{W}/\text{cm}^2$  |
| Peak Wavelength                                | 365 $\pm$ 5 nm  |
| Irradiance at Peak Wavelength (at 15 in)       | > 200 $\mu\text{W}/\text{cm}^2$   |
| Typical Irradiated Area (profile at 15 in)     | Circular Spot 9" Diameter<br>> 1000 $\mu\text{W}/\text{cm}^2$ (347-382nm) |
| <b>Emission Spectrum</b>                       |   |
| Full Width at Half Maximum (FWHM)              | $\leq$ 15 nm  |
| Longest Wavelength at Half Max (LWHM)          | $\leq$ 380 nm   |
| Full width at 10% Maximum                      | $\leq$ 30 nm  |
| Excitation Irradiance (347-382 nm)             | > 2500 $\mu\text{W}/\text{cm}^2$  |
| Wavelength Drift (at 70°F ambient)             | $\leq$ 3 nm   |
| <b>Working Distances</b>                       |   |
| ASTM E3022                                     | Minimum WD $\leq$ 5 in  |
| RRES 90061                                     | Minimum WD = 15 in  |
|  | Maximum WD = 36 in  |
| <b>Typical Visible Emission</b>                |   |
| ASTM E3022 range (400-760 nm)                  | $\leq$ 2 ft candles   |
| RRES 90061 range (390-800 nm)                  | $\leq$ 20 lux at 15 in  |
|  | $\leq$ 5 lux at 36 in   |
| <b>Physical Attributes</b>                     |   |
| Operating Environment                          | 32 - 120 °F   |
| Maximum Housing Temperature (at 70° F ambient) | 116 °F *  |
| Lamp Cord Length                               | 10 ft (Standard) or 50 ft (Maximum)                                       |
| Power Supply Cord Length                       | 6 ft  |
| Weight   | 1.7 lb  |
| Power in                                       | 90-264 VAC / 47 ~ 63Hz < 1.2A   |
| Specification Compliance                       | ASTM E3022, RRES 90061, ISO 3059  |

\* Emission Spectrum measured at Stabilization Temperature





# Packaged Option



## HD Magnum Includes:

- UV-2000
- Dimer (UV-2016)
- Cord Support (UV-2026)
- Power Supply (UV-2023)





# Accessories C4 Magnum

Domer  
UV-2016



Bench  
Adapter  
UV-1000



Mounting Arm  
UV-1100



Cord  
Support  
UV-2026





# Accessories C4 Magnum

Spray Can  
Fixture  
UV-7000



120/240V, 60W Power Supply  
UV-2023



10' DC  
Power Cord  
UV-2007

