



*American. Brilliance.*

## Profusion XW LED UV-A Lamp

Tested to comply with both  
ASTM E3022 Standard | Rolls-Royce  
RRES 90061 Requirements



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# Profusion XW LED UV-A Lamp

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

## Profusion XW Attributes

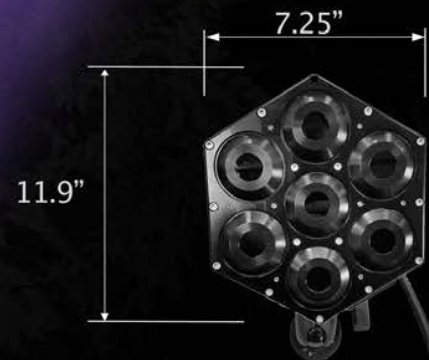
- Waterproof – IP68 Rated
- 100% continuous duty at full output
- Emitter: UV-A
- Combine several modules (5.213 lbs) together to form one larger array using integrated mounts
- Arrayed modules communicate as one unit controlled via multi-mode switch

## Power

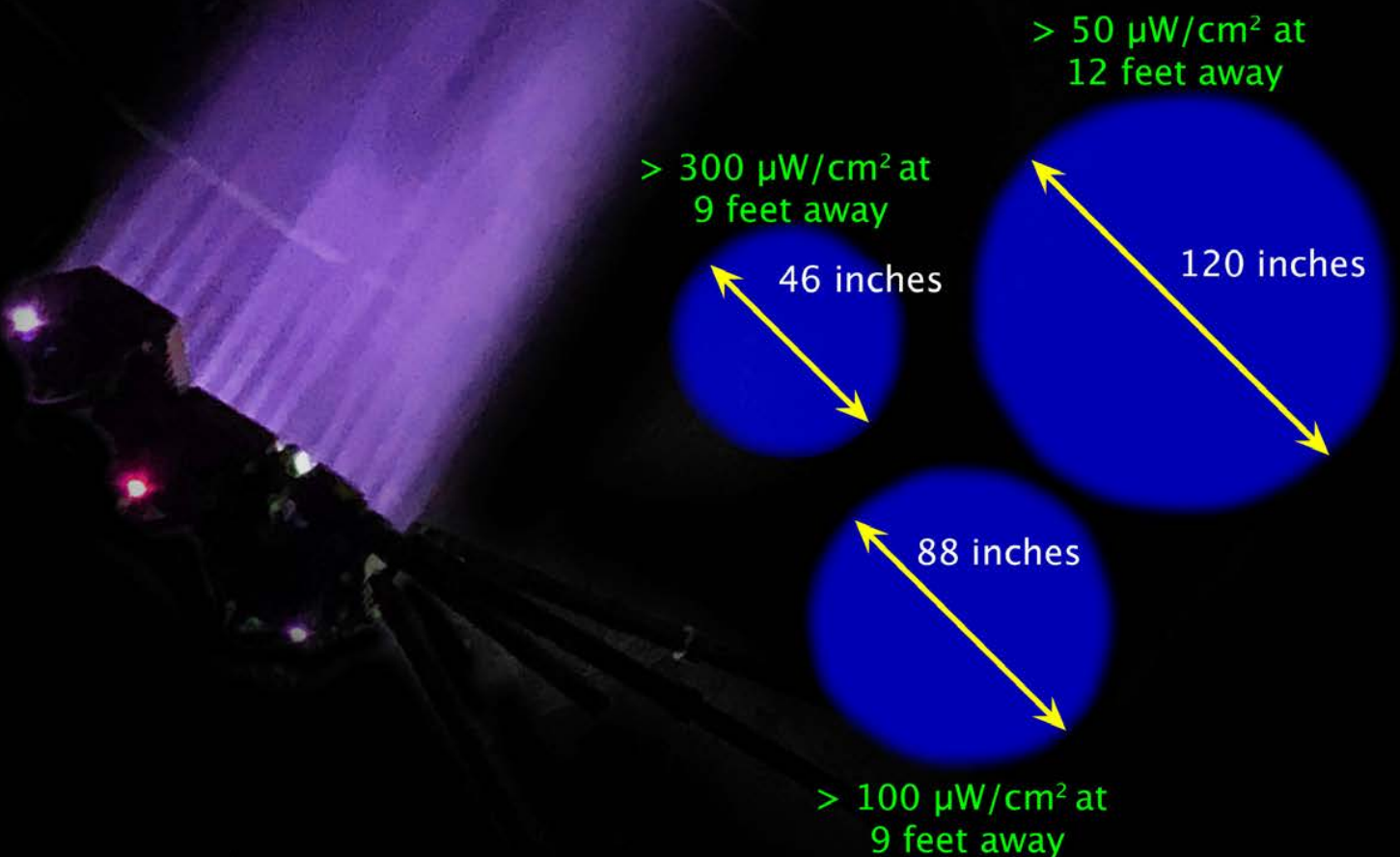
- AC or DC power options:  
14-52V DC or 120/240V AC
- 100 Watts per module
- Milwaukee M18 battery option available

## UV-4700 Package includes:

- Glo-Black Profusion XW Module
- Power supply
- Connection cord
- Swivel mount (UV-4010)



Weight of 1 Module: 4.5 lb.

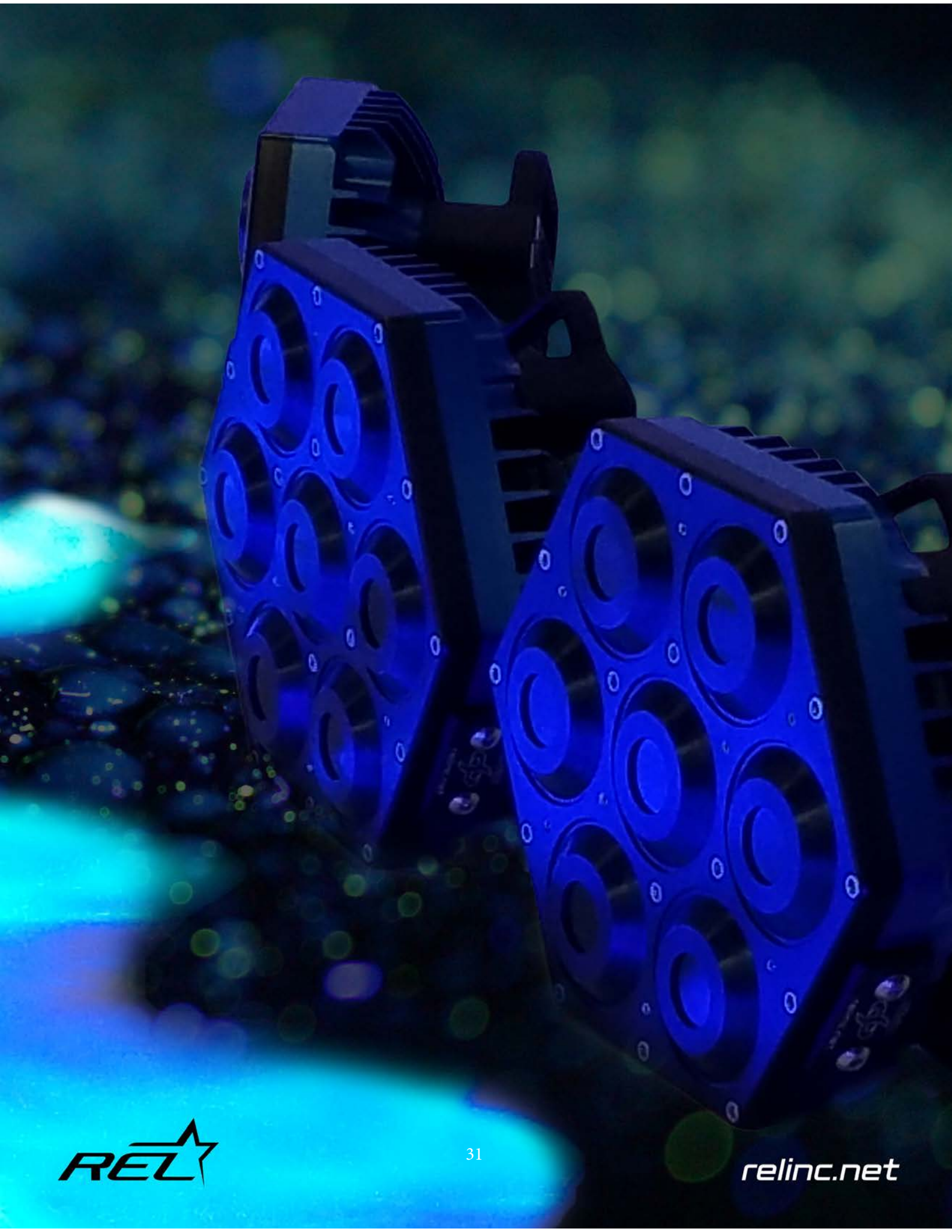


# Profusion XW Single Module Characteristics

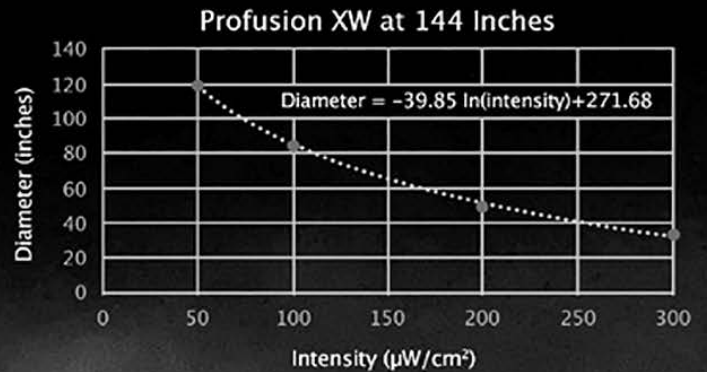
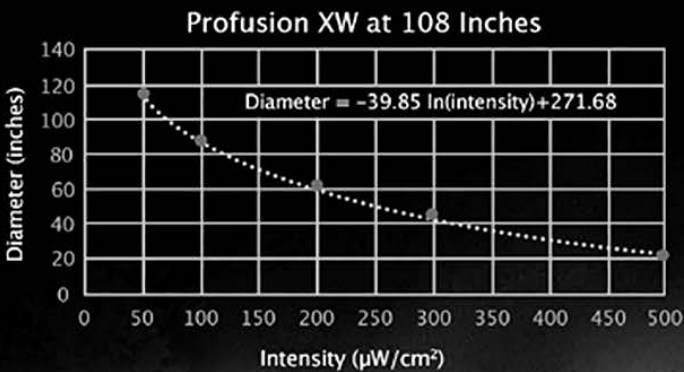
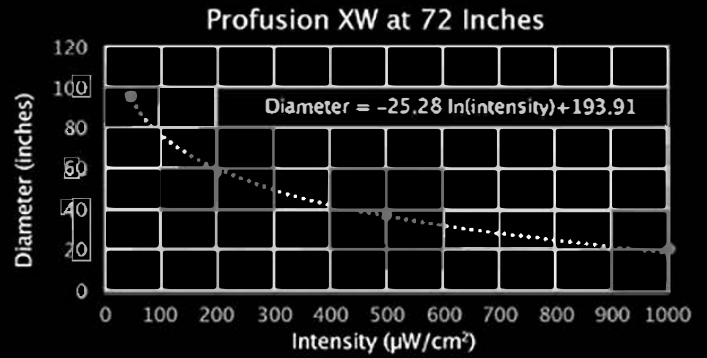
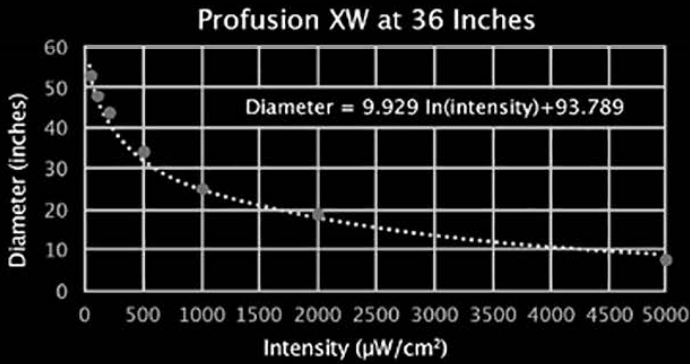
| <i>Performance Attributes</i>         | <i>Parameters</i>                    |
|---------------------------------------|--------------------------------------|
| Maximum Irradiance (at 36 in/91cm)    | 5700 $\mu\text{W}/\text{cm}^2$       |
| Peak Wavelength                       | $365 \pm 5 \text{ nm}$               |
| Emission Spectrum                     |                                      |
| Full Width at Half Maximum (FWHM)     | $\leq 15 \text{ nm}$                 |
| Longest Wavelength at Half Max (LWHM) | $\leq 377 \text{ nm}$                |
| Full width at 10% Maximum             | $\leq 30 \text{ nm}$                 |
| Excitation Irradiance at 36 in        | $>5000 \mu\text{W}/\text{cm}^2$      |
| Wavelength Drift (at 70° F ambient)   | $\leq 1 \text{ nm}$                  |
| Typical Visible Emission              |                                      |
| range (400-760 nm)                    | $\leq 2 \text{ ft candles at 36 in}$ |
|                                       | $\leq 20 \text{ lux at 36 in}$       |

| <i>Physical Attributes</i>                     | <i>Parameters</i>     |
|------------------------------------------------|-----------------------|
| Operating Environment                          | 32-115° F             |
| Maximum Housing Temperature (at 70° F ambient) | 88 °F                 |
| Lamp Cord Length                               | 10' Standard          |
| Power Supply                                   | Included              |
| Weight                                         | 5.213 lbs             |
| Power in                                       | 100-240 VAC / 50/60Hz |

\*Emission Spectrum measured at Stabilization Temperature  
with Blue-wave UV-25 16060829-UV-CR2

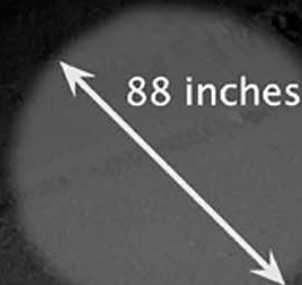
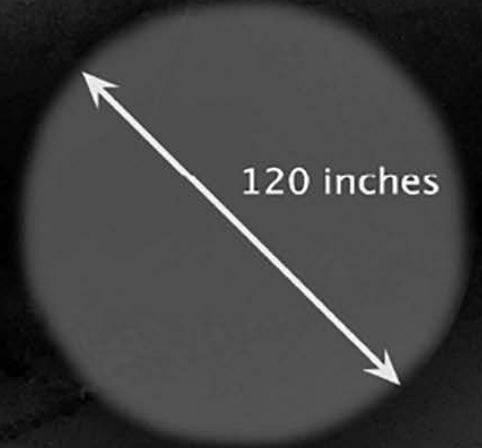


# Profusion XW



> 50 µW/cm² at 12 feet away

> 300 µW/cm² at 9 feet away



> 100 µW/cm² at 9 feet away



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