

RADION™ -3

QUALITY YOU CAN COUNT ON...

The patented Radion™ (Patent # 8,100,560) LED lighting system was designed to replace HPS lighting systems. The Radion is fully dimmable and utilizes Cree LED technology. The Cree LEDs can illuminate in excess of 90,000 lumen.

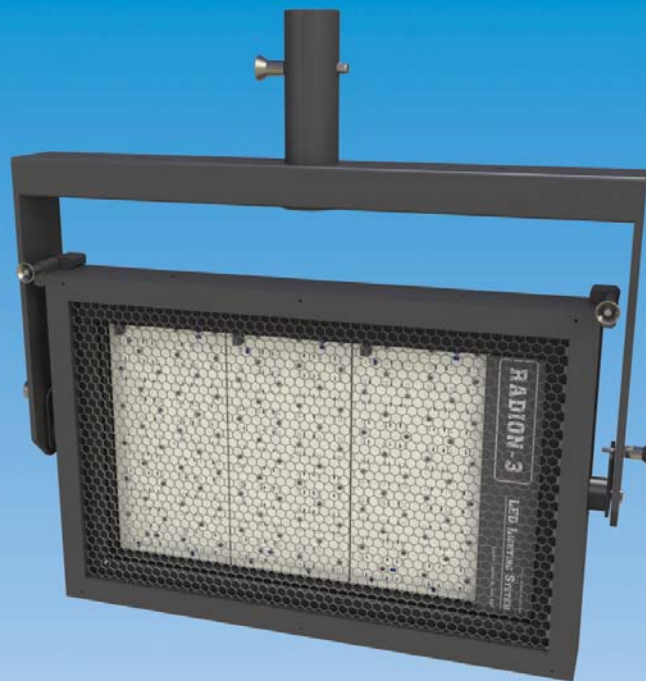
Based in Arizona, Lights Camera Action, LLC designed the Radion system to operate in an ambient temperature of 130° F. Operation in water is not a problem, but as an in-air light, the thermal design allows the unit to operate below 220° F. and it can go from full underwater immersion directly to in-air operation.

The patent pending TriPlex™ process for aluminum complies with ASTM specifications and is impact, abrasion and acid resistant. Radion is just one example of the forethought toward safety and quality control offered by Lights Camera Action, LLC.

*Contact Lights Camera Action, LLC
for a quote to relamp with
Radion™ LED lighting.*



(480) 345-0642 · EMAIL: SALES@LIGHTS-CAMERA-ACTION.NET



BENEFITS:

- ◆ 36 month warranty
- ◆ LED life expectancy - over 5 years
- ◆ 1 to 1 replacement of 1 HPS lamps
- ◆ Minimizes maintenance - ALARA
- ◆ Full spectrum white light
- ◆ Instant on - no warmup required
- ◆ Dimmable control
- ◆ No Mercury
- ◆ TriPlex™ processed aluminum
- ◆ LEDs are radiation certified in excess of 2.5×10^7
- ◆ 1/4" thick polycarbonate or quartz window depending on application
- ◆ 3/8" SS safety screen available
- ◆ Lighthead can be positioned in 15° increments over a full 90° range
- ◆ Custom designed in-air/underwater or in/air power supplies

RADION-3 - IN-AIR / UNDERWATER LED LIGHTING SYSTEM

RADION-3 LED LIGHTING SYSTEM (PATENT # 8,100,560)

RAD-3Q - LIGHTHEAD PERFORMANCE & SPECIFICATIONS:

PHYSICAL

- ◆ Heat Sink TriPlex™ processed 6063-T5 Aluminum
- ◆ LEDs..... Cree XP-G2
- ◆ Window..... 1/4" Polished Quartz or Polycarbonate
- ◆ 3/8" Hexagon Screen..... 18 gauge Stainless Steel Safety Screen for Quartz Windows
- ◆ Width 23.13" (587.5mm) with bracket
- ◆ Height 17.25" (438.15mm) with bracket
- ◆ Depth 4.25" (107.95mm) with bracket
- ◆ Lighthead Weight..... 46 lb. (29.9 kg) without bracket
- ◆ Bracket Weight 11 lb. (7.3 kg)



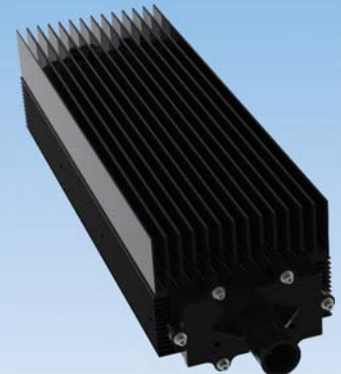
ENVIRONMENTAL

- ◆ Color Temperature 6,500K (3,800K available)
- ◆ Light Output (lumen)..... >90,000
- ◆ Operating Temperature..... 14° to 185° F (-10° to 85° C)
- ◆ Storage Temperature..... -22° to 199.4° F (-30° to 93° C)
- ◆ Radiation Tolerance..... >2.5 x 10⁷ Rad total dose

RAD-3W - IN-AIR/UNDERWATER POWER SUPPLY PERFORMANCE & SPECIFICATIONS:

PHYSICAL (FULL SPECIFICATIONS TO BE DECIDED AFTER FULL DESIGN)

- ◆ Input Voltage Range 90~264VAC (47~63 Hz)
- ◆ Input Current (100/200VAC) <8A @ 120VAC
- ◆ Output Voltage..... 72VDC
- ◆ Output Current..... 9A
- ◆ Output Power..... 648W
- ◆ Width 10.58" (268.73 mm)
- ◆ Height 8.58" (217.93 mm)
- ◆ Length..... 43.1" (1,094.74 mm)
- ◆ Weight 100 lb. (45.36 kg)

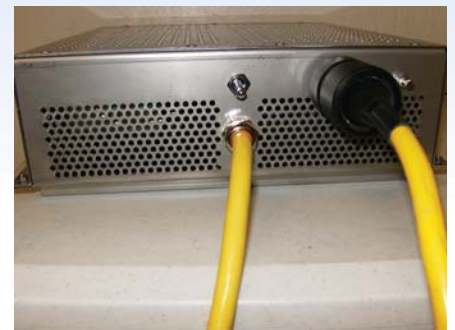


ENVIRONMENTAL (IN-AIR/UNDERWATER)

- ◆ Operating Temperature..... -40° to 185° F (-40° to 85° C) continuous operation
- ◆ Storage Temperature..... -40° to 212° F (-40° to 100° C)
- ◆ Cooling Conduction

RAD-3A - IN-AIR POWER SUPPLY PERFORMANCE & SPECIFICATIONS:

- ◆ Input Voltage Range 90~264VAC (47~63 Hz)
- ◆ Input Current (100/200VAC) <8A @ 120VAC
- ◆ Output Voltage..... 72VDC
- ◆ Output Current..... 9A
- ◆ Output Power..... 648W
- ◆ Width 13" (330.2 mm)
- ◆ Height 4.75" (120.65 mm)
- ◆ Length..... 15.25" (387.35 mm)
- ◆ Weight 21.4 lb. (9.71 kg)



ENVIRONMENTAL (IN-AIR)

- ◆ Operating Temperature..... -40° to 185° F (-40° to 85° C) continuous operation
- ◆ Storage Temperature..... -40° to 212° F (-40° to 100° C)
- ◆ Cooling Conduction with fans



1730 W SUNRISE BLVD, SUITE B-102 · GILBERT, AZ 85233-5023

TEL: (480) 345-0642 · FAX: (480) 345-0644

EMAIL: SALES@LIGHTS-CAMERA-ACTION.NET WEB: HTTP://WWW.LIGHTS-CAMERA-ACTION.NET