

RADION™ -3

QUALITY YOU CAN COUNT ON...

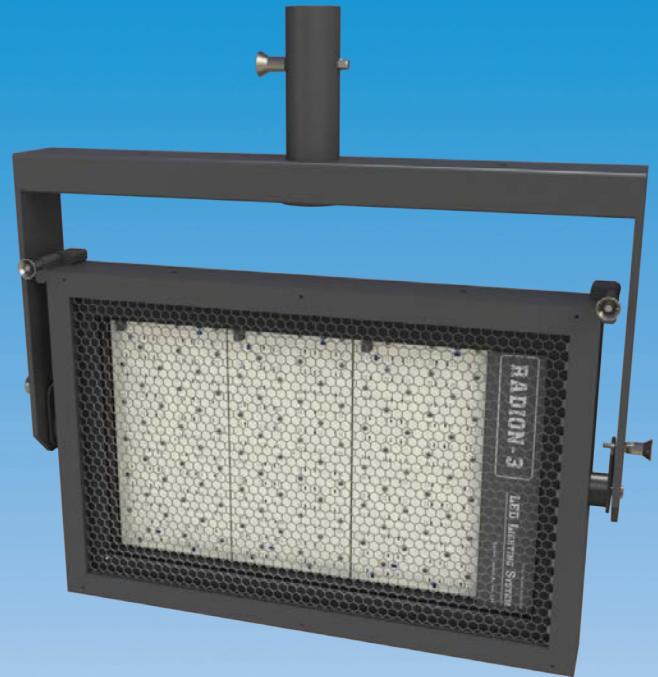
The patented Radion™ (Patent # 8,100,560) LED lighting system was designed to replace incandescent and HPS lighting systems. There is no warm-up required. These fully dimmable lights are instant on/instant off. The Cree LEDs can illuminate in excess of 90,000 lumen.

Relamp containment overhead lighting. Most containment buildings can be fully illuminated with eight (8) Radion-3 lights. We offer diffused Lexan windows to reduce glare and spread light.

Illuminate your spent fuel pool, reactor pool, reactor cavity, dry cask area or transfer canal.

The proprietary TriPlex™ process for aluminum complies with ASTM specifications. It is impact, abrasion and acid resistant and it is malleable.

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



BENEFITS:

- ◆ No Mercury
- ◆ 36 month warranty
- ◆ LED life expectancy - over 5 years
- ◆ 2 Radion-3s replace 6 HPS lamps
- ◆ Minimizes maintenance - ALARA
- ◆ Full spectrum white light
- ◆ Instant on/off
- ◆ Dimmable control
- ◆ TriPlex™ processed aluminum
- ◆ 1/4" Lexan polycarbonate window (clear or diffused)
- ◆ 3/8" SS safety screen available
- ◆ LEDs are radiation certified in excess of 2.5×10^7
- ◆ Lighthead can be positioned in 15° increments over a full 90° range



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

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
- ◆ 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
- ◆ Depth/ Pressure Rating 150' / 67 PSI



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

