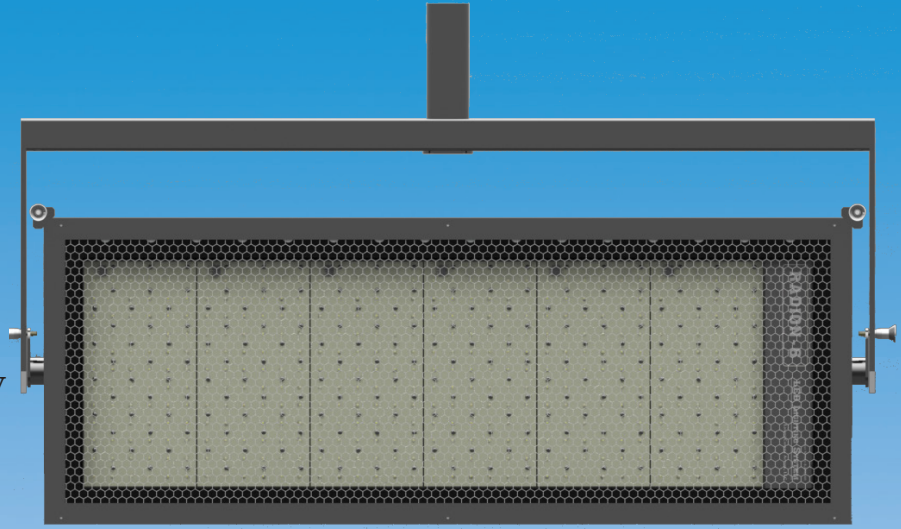


# RADION™ -6

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 lights are instant on/instant off and fully dimmable. The Cree LEDs can illuminate in excess of 180,000 lumen.



Relamp your spent fuel pool with just two Radion-6 lamps on opposite ends of the pool. One would do it, but you would have shadows... so the second is to eliminate the shadows.

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

## BENEFITS:

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

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



# RADION-6 LED LIGHTING SYSTEM (PATENT # 8,100,560)

## RAD-6Q - LIGHTHEAD PERFORMANCE & SPECIFICATIONS:

### PHYSICAL

- ◆ Heat Sink ..... TriPlex™ processed 6063-T5 Aluminum
- ◆ LEDs (432) ..... Cree XP-G2
- ◆ Window ..... 1/4" Lexan Polycarbonate (Polished Quartz available)
- ◆ 3/8" Hexagon Screen..... 18 gauge Stainless Steel Safety Screen
- ◆ Width ..... 39" (990.6mm) with bracket
- ◆ Height ..... 17.25" (438.15mm) with bracket
- ◆ Depth ..... 4.25" (107.95mm) with bracket
- ◆ Lighthead Weight..... 66 lb. (29.9 kg) without bracket
- ◆ Bracket Weight ..... 16 lb. (7.3 kg)

### ENVIRONMENTAL

- ◆ Color Temperature ..... 6,500K (3,800 available)
- ◆ Light Ourput (lumen)..... >180,000
- ◆ Operating Temperature..... 14° to 220° F (-10° to 105° C)
- ◆ Storage Temperature..... -22° to 199.4° F (-30° to 93° C)
- ◆ Radiation Tolerance ..... >2.5 x 10<sup>7</sup> Rad total dose
- ◆ Depth / Pressure Rating ..... 150' / 67 PSI



## RAD-6A - IN-AIR POWER SUPPLY PERFORMANCE & SPECIFICATIONS:

- ◆ Input Voltage Range ..... 90~264VAC (47~63 Hz)
- ◆ Input Current (100/200VAC) <16A @ 120VAC
- ◆ Output Voltage..... 72VDC
- ◆ Output Current..... 18A
- ◆ Output Power..... 1296W
- ◆ 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

