

Aeroform

Featuring Light Emitting Plasma™ by LUXIM

AREA LIGHTING

HOUSING :

Heavy duty die cast aluminum with hinged door frame. UV-resistant DuPont powdercoat finish over a chromate conversion coating for durability. Stainless steel fasteners. Molded silicone gaskets.

REFLECTOR:

Faceted and die-formed reflectors can be field rotated in 90° increments for layout optimization and versatility. Available in choice of Type II Short or Medium, Type III, Type IV and Type V(S).

LENS:

Clear tempered flat glass lens. Optional prismatic lens available.

MOUNTING:

Includes an 8" extruded aluminum mounting arm and hardware, complete with a powdercoat finish over a chromate conversion coating.

LAMP:

Includes Luxim Light Emitting Plasma™ lamp. Nominal AC power 280w at full output. Dimmable from 100% to 20%. Rapid start, typically 45 seconds (2 minutes to full output for hot restart.) Lamp is serviced from outside keeping the lamp chamber free from dust & debris.

VOLTAGE:

120V, 204V, 240V, 277V. Electronic HPF power supply and lamp driver. Driver is 28V DC. Internal surge protection.

OPTIONS:

Twist-Lock photocell.
Dimming (100% to 20%).

All components are UL recognized.

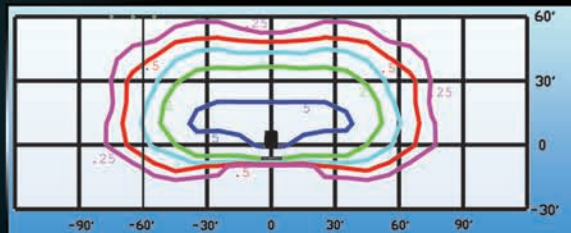
OPERATING RANGE:

-40°C to 45°C ambient.

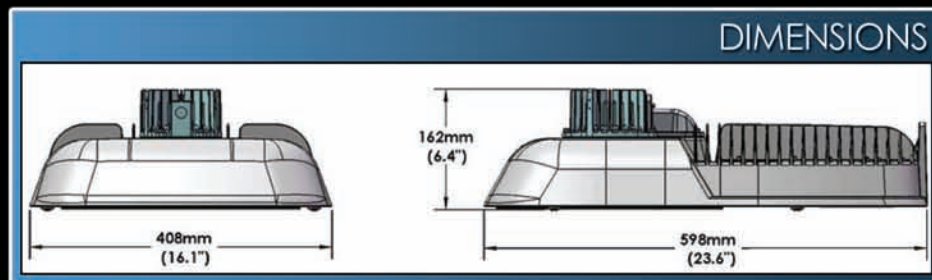
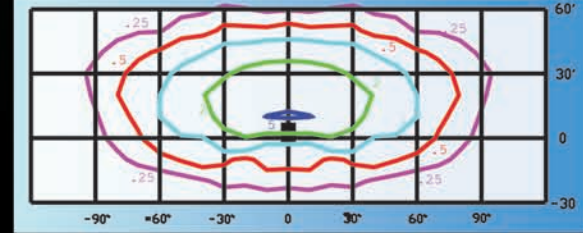
PRODUCT CODE	AA1LP1	AA1LP2
LAMP LUMENS	23,000	17,000
FIXTURE LUMENS	20,300	15,000
LIFE HOURS	50,000	30,000
CRI	74	94
CCT	5700	5600

REV. 082211

TYPE II SHORT



TYPE II MEDIUM



DIMENSIONS



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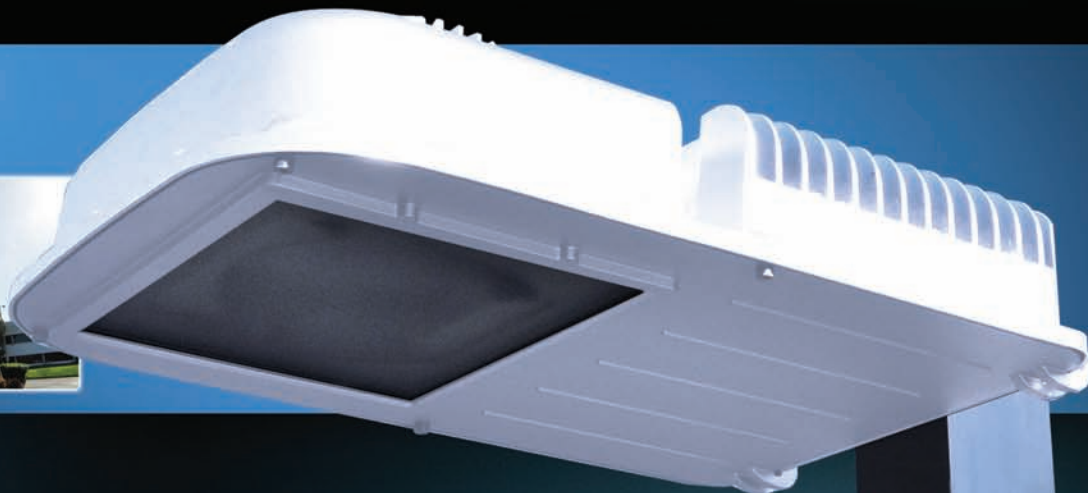
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AREA LIGHTING

FEATURES:

- Light Emitting Plasma™ lamp has a high lumen output of 115 lumens/watt.
- Full color spectrum with a CRI (color-rendering index) of up to 94.
- Electrodeless lamp construction using a solid-state RF amplifier and a high-intensity discharge vessel to produce a high lumen/high efficiency light source. Novel and compact design compared to other electrodeless light sources.
- Light output is inherently directional which reduces the amount of light trapped inside the fixture.
- Dimmable to 20% within seconds and instant recovery makes it excellent for use with occupancy and daylight sensors.
- Rated for 50,000 hours, with a lumen maintenance rate of 70% or higher.
- Can be operated in basic (on/off) or digital modes. Basic mode is compatible with 0-10V analog dimming systems, and the built-in digital mode allows communication via a serial bus with the lamp to control its output, read its settings, and perform diagnostics.
- Rapid start: Typically 45 seconds to full output, re-strike in 60 seconds, & 2 minutes to full output after a hot re-strike.
- EMC option available to meet FCC Part 18 Class A.
- Light source and driver are easily replaceable within the fixture.



Light Emitting Plasma™ technology uses a solid-state RF amplifier to power a plasma light source. This technology combines the reliability of solid-state electronics, instant dimming capability, high lumen output and high efficacy to create a light source with excellent performance for street and parking lot lighting, big box retail applications, warehouses and factories. Replacement and maintenance costs are substantially reduced compared to conventional HID due to its longevity, high lumen maintenance rate, and reliability.

COMING SOON!

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