

# EVLUMA AREAMAX™ COASTAL PACKAGE

## 40W & 70W LED COASTAL STREET, AREA AND SECURITY LIGHTING

REPLACES HID DUSK-TO-DAWN LUMINAIRES 100-200W IN COASTAL REGIONS (2000 FT FROM SHORE)

### AMAX 40 AMAX 70 CST



reuse existing photocontrol  
with S3 option (dome lens shown)



evluma integrated photocontrol  
with P option (cutoff lens shown)



#### CERTIFICATION DATA

UL 1598. MET Labs  
IP66. UL 60529  
ASTM D2247-68  
FM 4473  
ANSI C136.31-2010  
EPA under 0.5 sq ft

#### ENERGY DATA

Power Factor >99%  
THD <10% at 120 VAC  
THD <20% at 277 VAC  
<1/2W off-state power  
Driver Lifetime >100,000 hrs  
-40°C Min / 50°C Max AM Temp

#### SHIPPING DATA

Pallet Qty:  
56 units, 580 lbs

### DESCRIPTION

The AreaMax LED luminaire for street and area lighting is a robust, utility-grade luminaire designed to last for years. Corrosive coastal environments have unique requirements. A specialized cast aluminum alloy, chromate coating plus aluminum access panel and stainless steel tenon clamp and bolts guarantee longevity in harsh, wet environments. All models of AreaMax are available with the coastal package including Type V & Type III and all CCT and lens options. Recommended for use within 2000 ft. of a salt water body.

### Construction & Finish

Cast aluminum alloy housing with corrosion resistant chromate coating. Hinged access panel is aluminum with spring clips to allow for easy open and close.

### Optical (lens)

Textured glass and a white, optical-grade reflective film liner combine to create a bright, diffuse light.

### Electrical

Evluma proprietary Class II driver. Patented. 90-277 VAC 50/60 Hz (AMAX 40: .32 Amps at 120VAC / AMAX 70: .60 Amps at 120VAC). High capability surge protection for 20kV/10kA per IEEE/ANSI C62.42.2 - 2002. Location Category C-High. Replaceable surge board.

### Thermal Management

LED life is ensured by thermal management protection circuitry that controls current levels to the LEDs based on temperature. Critical components were selected for their minimal thermal resistance then paired with a custom light engine and casting design to maximize cooling.

### Mounting

Aluminum tenon clamp and stainless steel tri-lobe screws accept 2", or 1 1/4" arm.

### Use with LTS

Evluma offers a light shield accessory compatible with all AreaMax shipped after 10/14. Made of stainless steel this shield works in coastal environments. The casting's coastal chromate coating eliminates the galvanic corrosion that can happen when two dissimilar metals are in presence of an electrolyte i.e. salt water.

### Warranty

Ten-year warranty  
with Coastal Addendum.  
Visit [www.evluma.com/products/warranty/](http://www.evluma.com/products/warranty/)

### SAMPLE NUMBER:

AM-40-3K-V-D-P- **CST** -6

Components	Standard AreaMax	Coastal AreaMax
Housing	cast aluminum	cast aluminum alloy (low copper content)
Coating	powder coat	corrosion-resistant chromate coating
Access Panel	galvanized steel	aluminum
Tenon Clamp	zinc-plated steel	stainless steel
Bolts	zinc plated steel	stainless steel