EVLUMA AREAMAX™ COASTAL PACKAGE

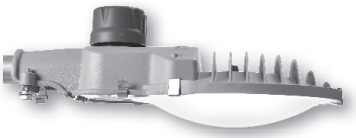
40W & 70W LED COASTAL STREET, AREA AND SECURITY LIGHTING

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

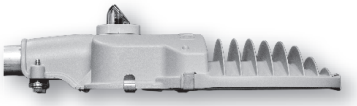
AMAX 40
AMAX 70
CST

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.



reuse existing photocontrol with S3 option (dome lens shown)



evluma integrated photocontrol with P option (cutoff lens shown)

Construction & Finish

Low copper content, 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 C62.41.2 - 2002. Location Category C-High. Replaceable surge board.

Thermal Management

LED life is ensured by thermal management protection circuity 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

Stainless steel 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

See Coastal Area Exclusion
Visit www.evluma.com/products/warranty/

SAMPLE NUMBER:
AM-40-3K-V-D-P- CST -6

CERTIFICATION DATA
UL 1598. MET Labs
IP66. IEC 60529
ASTM D2247-68
FM 4473
ANSI C136.31-2010
Vibration Bridge/Overpass
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

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

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