

**EVLUMA AREAMAX™**  
**SOLID STATE LED**  
**STREET, AREA AND SECURITY LIGHTING**

16 OR 32 LEDS / 40W OR 70W  
 REPLACES HID DUSK-TO-DAWN LUMINAIRES 100-200W

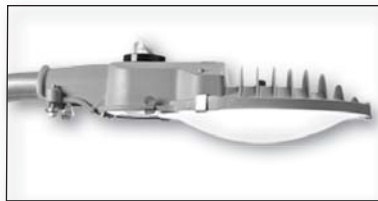
**AMAX 40**  
**AMAX 70**

**DESCRIPTION**

The AreaMax LED luminaire for street and area lighting is a robust, utility-grade luminaire designed to last for years. Easy to install, the AreaMax saves energy and maintenance time. Perfect for residential street lighting, parking lots, or rural security applications requiring either full cutoff, or maximal visibility with a diffuse, low-glare light. Each unit ships with Photocontrol Failsafe Mode™ built-in and the option to activate ConnectLED™ features with the purchase of the Evluma custom Bluetooth application.



reuse existing photocontrol with S3 option



evluma integrated photocontrol with P option



**CERTIFICATION DATA**  
 UL 1598. MET Labs  
 Lighting Facts Pending  
 DLC Pending  
 IP65. UL 60529

**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**  
 Single:  
 Net Weight: 8 lbs  
 Packaged Weight: 10 lbs  
 Pallet Qty:  
 56 units, 580 lbs

**Photocontrol Failsafe Mode™ (PCFM)**

PCFM is a proprietary Evluma 'smart light' technology built-in to every AreaMax that monitors the activity of the photocontrol and manages dusk-till-dawn actions in the event the photocontrol should ever fail. Save maintenance costs by never having to replace another photocontrol - ever.

**Construction & Finish**

Cast aluminum housing with gray powder coat. Hinged access panel is galvanized steel with spring clips to allow for easy open and close. \*Bronze color option available. Please inquire.

**Electrical**

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

**Optical (lens)**

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

**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**

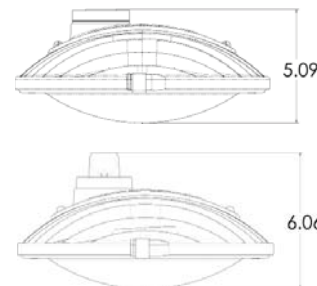
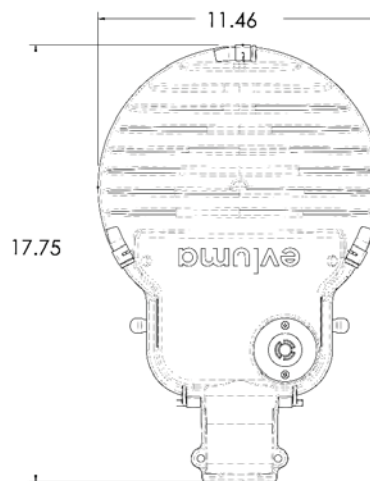
Zinc plated steel tenon clamp and tri-lobe screws accept 2", or 1 1/4" arm.

**Coastal Package Option**

Corrosive coastal environments have unique requirements. An aluminum access panel and tenon clamp with stainless steel bolts guarantee longevity in harsh, wet environments.

**Warranty**

Ten-year warranty.



S3 socket option

integrated photocontrol option



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**ORDERING INFORMATION**

SAMPLE NUMBER: AMAX-40-5K-6-V-D-P-CST

PRODUCT FAMILY	WATTS	PERFORMANCE CODES (options)	DISTRIBUTION TYPE	LENS (options)	PHOTOCONTROL SOCKET (options)	ENVIRONMENTAL PACKAGE (options)
AMAX = AreaMax	40 = 40 watts	4K-6 5K-6	V = type V	D = dome C = full cutoff	P = integrated S3 = 3 pin socket	0 = std outdoor CST = coastal
	70 = 70 watts	4K-6 5K-6	V= type V	D = dome C = full cutoff	P = integrated S3 = 3 pin socket	0 = std outdoor CST = coastal

**PERFORMANCE CODES 40W (recommended to replace 100-175W HID)**

Code	CCT	CRI	Lumens	LED mA	BUG	IES File Numbers
4K-6 (D)	4000K	>70	>3500	700mA	B2-U2-G1	ITL82575-82577
5K-6 (D)	5500K	>70	>3600	700mA	B2-U2-G1	ITL82837-82838
4K-6 (C)	4000K	>70	>3300	700mA	B1-U0-G1	ITL82574-82576
5K-6 (C)	5500K	>70	>3600	700mA	B1-U0-G1	---

**LUMEN MAINTENANCE**

LM 70 (10,000) >60,000 hrs  
 LM at 10,000 hours = 95.9%  
 LM at 100,000 hours = 93.95%

LM 80 and ISTMT available at [www.eviuma.com](http://www.eviuma.com)  
 TM 21 calculations available upon request.

**PERFORMANCE CODES 70W (recommended to replace 150-200W HID)**

Code	CCT	CRI	Lumens	LED mA	BUG	IES File Numbers
4K-6 (D)	4000K	>70	>6500	700mA	B3-U2-G2	---
5K-6 (D)	5500K	>70	>6500	700mA	B3-U2-G2	ITL83537-83539
4K-6 (C)	4000K	>70	>6500	700mA	B2-U0-G1	ITL83536-83538
5K-6 (C)	5500K	>70	>6500	700mA	B2-U0-G1	---

