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

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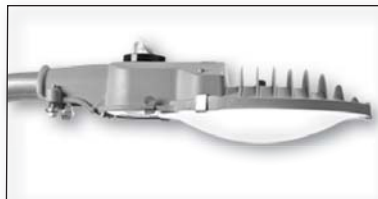REPLACES HID DUSK-TO-DAWN LUMINAIRES 100-200W

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™ 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

MET NRTL LISTED c us

DLC DLC QPL LISTED

CERTIFICATION DATA
UL 1598. MET Labs
IP65. UL 60529
ASTM D2247-68
FM 4473
ANSI C136.31-2010
DLC Qualified/ Lighting Facts

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

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.

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 (.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.

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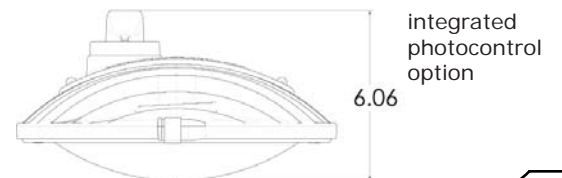
Mounting
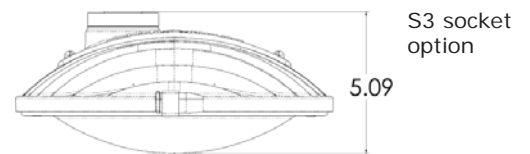Zinc plated steel tenon clamp and tri-lobe screws accept 2″, or 1 1/4″ arm.

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.

11.46

17.75

evluma

S3 socket option

5.09

integrated photocontrol option

6.06

evluma™
LED Lighting

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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	---

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

Code	CCT	CRI	Lumens	LED mA	B2-U2-G1	IES File Numbers
4K-6 (D)	4000K	>70	>6500	700mA	---	---
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	---

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.evluma.com
TM 21 calculations available upon request.

lighting facts
LED Product Partner

OUTDOOR 2013
Next Generation
LUMINAIRES

Photocontrol Failsafe™

20KV/10KA surge protection

ConnectLED™

Diffuse Type V