



AreaMax™ The country's most reliable LED area lighting delivers maximum savings.

- 40W-16 LED OR 70W-32 LED REPLACES 100-200W HID WITH UP TO 94 LM/W
- RELIABLE 24+ YEAR LED LIFE WITH 10-YEAR COMPREHENSIVE WARRANTY
- PHOTOCONTROL FAILSAFE MODE™ THAT WON'T QUIT
- RUGGED POWDER-COATED CAST-ALUMINUM HOUSING
- EASY-ON-THE-EYES OPTICS WITH TEXTURED GLASS LENS
- 20KV SURGE PROTECTION
- ConnectLED™ BLUETOOTH® REMOTE CONTROL AND DIMMING



The most reliable outdoor LED lighting saves more energy, including your own. AreaMax™ from Evluma.

AREAMAX OVERVIEW

AreaMax™ LED fixtures deliver major reductions in maintenance and energy costs over HID.

Get as high as 94 lm/W with a 40 or 70W AreaMax LED luminaire when replacing 100-200W HIDs.

AreaMax is a robust, utility-grade fixture that's built to last. It's perfect for rural security, residential street lighting, or parking lots requiring either full cutoff, or maximal visibility with a diffuse, low-glare light.

AreaMax reliability saves you even more in maintenance.

Easy slip-on installation when replacing existing NEMA Type V dusk-till-dawn fixtures saves time and effort. Reversible tenon clamp fits popular mounting arm sizes.

Think of the savings in not replacing failed photocontrols. How many truck-rolls would that save?

EVLUMA INNOVATION

Evluma Photocontrol Failsafe Mode™ means you'll never swap out a photocontrol again.

Every AreaMax unit ships with Evluma Photocontrol Failsafe Mode™. Retain the existing NEMA standard twist-lock photocontrol or choose the new, low-cost, optional Evluma integrated photocontrol. Either way, Failsafe Mode calibrates the power cycle to its unique geographic times for sunrise and sunset. If the photocontrol fails, Failsafe Mode takes over, eliminating a truck-roll and guaranteeing continuous operation.



With AreaMax, you can choose to reuse your existing photocontrol, shown above (Order Option S3), or replace it with a new, low-cost, integrated photocontrol from Evluma, shown below (Order Option P).

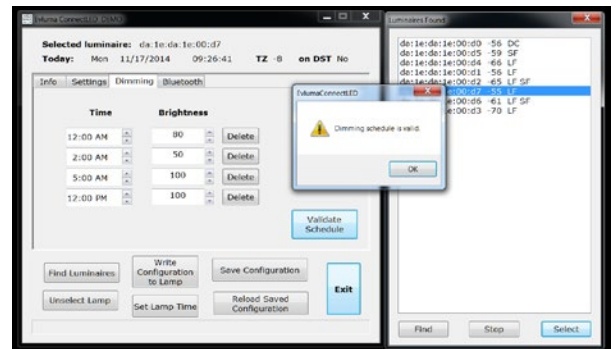


WIRELESS CONTROL OPTION

ConnectLED™ gives you Bluetooth® control up to 150' from your laptop PC.

ConnectLED is a software application that communicates with the AreaMax via BLE (Bluetooth Low Energy) standard to:

- Commission/decommission the fixture
- Create brightness settings
- Upload custom dimming algorithms
- Read FaultCast™ status transmissions



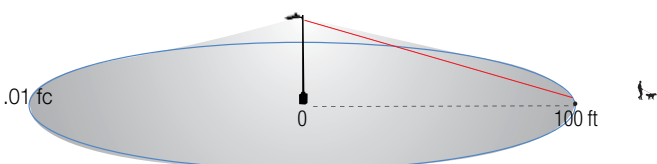
Sample function of ConnectLED™: Set the dimming schedule for a selected luminaire



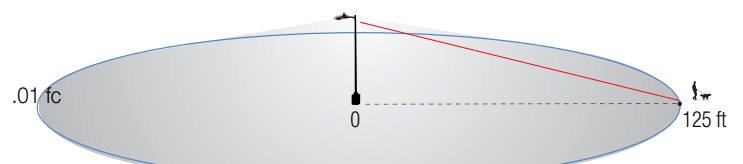
ISOFOOTCANDLE LINES AT 25 FT MOUNTING HEIGHTS

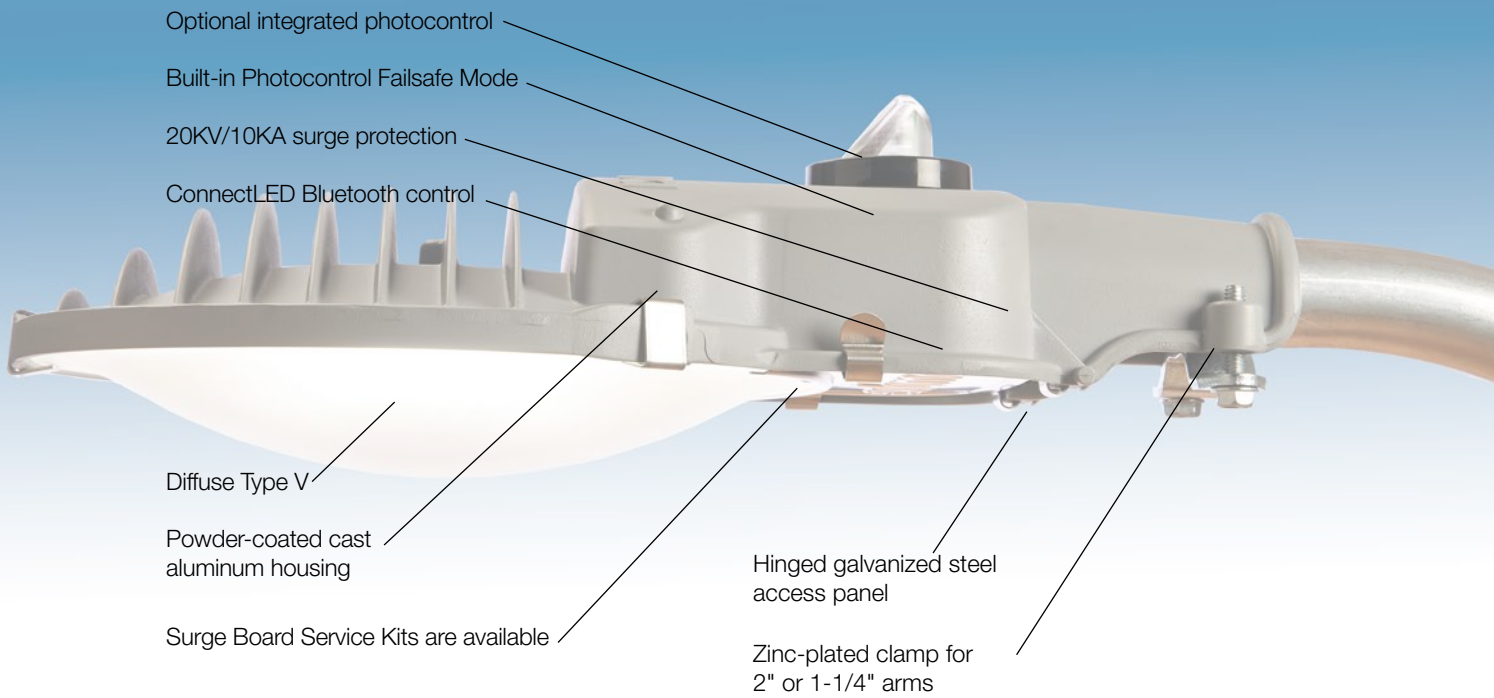
AMAX 40

.01 fc = full moonlight

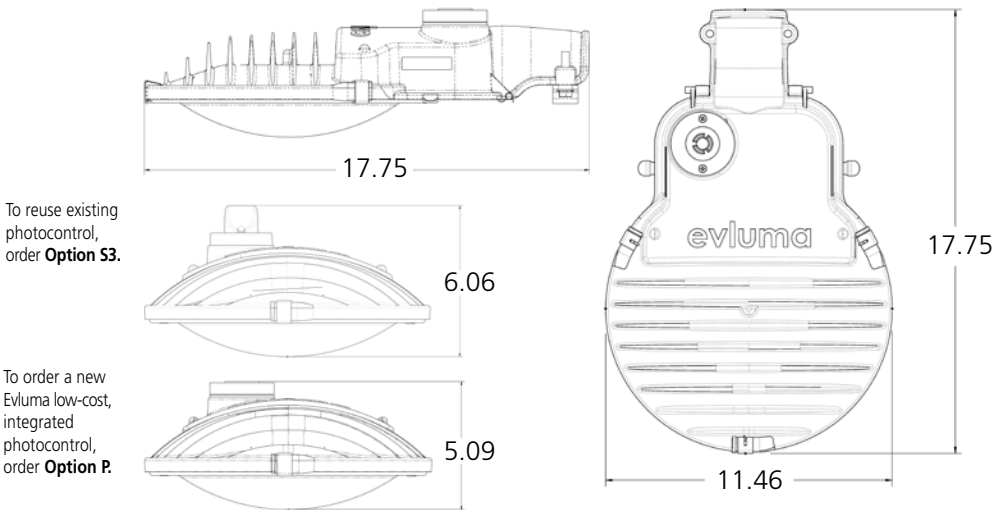


AMAX 70





DIMENSIONS



Construction and Finish

Cast aluminum housing with gray powder coat. Bronze color option available. Please inquire.

Hinged access panel is galvanized steel with spring clips for easy open and close.

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.

Optical (Lens)

Textured glass with a white, optical-grade reflective film liner creates a bright, non-glare, diffuse light. Choose domed or full cutoff.

Thermal Management

Thermal measurement protection circuitry controls current levels to the LEDs. Components of minimal thermal resistance, paired with a custom light engine and finned casting design, maximize cooling.

Mounting

Zinc-pated steel tenon clamp and trilobe screws accept 2" or 1-1/4" arm.

COMBINED PAYBACK MODEL

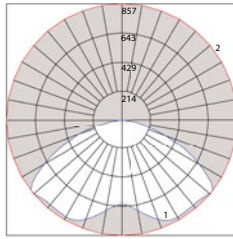
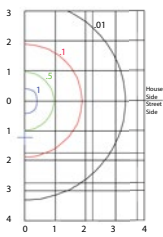
	40W AREAMAX	100W HPS
Purchase Price	\$183.00	\$90.00
Asset Life	20 years	10 years
Maintenance Cost: 10 years	\$0.00	\$750.00*
Energy Cost: 10 years @ .08/KwHr	\$132.48	\$397.44
10-Year Cost of Ownership: including 3% finance charge for 5 years	\$365.73	\$1,434.53
Annualized Cost over 10 years	\$36.57	\$143.45
Monthly Rental Rate @ Breakeven in 10 Years	\$3.05	\$11.95
Payback Period at HPS Rental Rate	2.55 Years	

*Service Calls for photocontrol and lamp

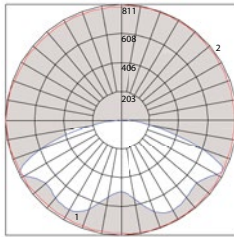
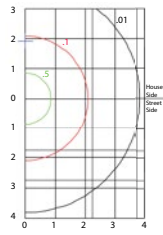


POLAR CANDELA DISTRIBUTION

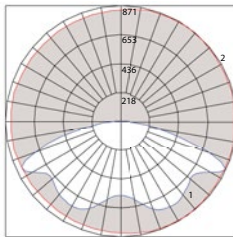
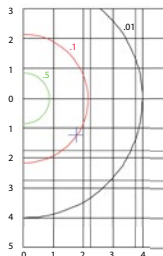
Vertical Plane (1) and Horizontal Cone (2) through maximum candela.



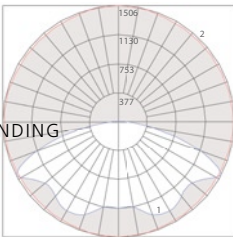
40W 4K 6-V-C Flat Lens: Max Candela: 857 at 51° Angle
.01 fc at >3 25' mtg htgs B1-U0-G1. ITL82574



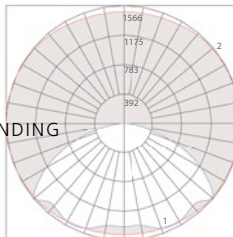
40W 4K 6-V-D Domed Lens: Max Candela: 811 at 62° Angle
.01 fc at >3 25' mtg htgs B2-U2-G1. ITL82575



40W 5K 6-V-D Domed Lens: Max Candela: 871 at 65° Angle
.01 fc at 4 25' mtg htgs B2-U2-G1. ITL82837



70W 5K V-D Domed Lens: Max Candela: 1506 at 62° Angle
.01 fc at >4 25' mtg htgs B3-U3-G2. ITL79755



70W 5K V-C Flat Lens: Max Candela: 1566 at 50° Angle
.01 fc at over 3 25' mtg htgs B2-U0-G1. ITL80748

ORDERING INFORMATION

Sample order 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	C = full cutoff D = dome	S3 = 3-pin socket P = integrated	CST = coastal 0 = std outdoor
	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)	5000K	>65	>3600	700mA	B2-U2-G1	ITL82837-82838
4K-6 (C)	4000K	>70	>3300	700mA	B1-U0-G1	ITL82574-82576
5K-6 (C)	5000K	>65	>3600	700mA	B1-U0-G1	Pending

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

CODE	CCT	CRI	Lumens	LED mA	BUG	IES File Numbers
4K-6 (D)	4000K	>70	>6000	700mA	TBD	Pending
5K-6 (D)	5000K	>65	>6000	700mA	B3-U3-G2	Pending
4K-6 (C)	4000K	>70	>6000	700mA	B2-U0-G1	Pending
5K-6 (C)	5000K	>65	>6000	700mA	B2-U0-G1	Pending

CONNECTLED™ SOFTWARE CODES

License Pack*	37598451
PC Dongle	41058338
BLE Remote (commission/decommission only)	39140436

*Delivery methods for ConnectLED may vary depending on quantity and preference. Please contact your sales agent for current information.

TECHNICAL SPECIFICATIONS

ELECTRICAL DATA

Driver	90-277 VAC 50/60Hz (.32 Amps at 120 VAC) Proprietary patented
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Surge Protection	20kV/10kA (IEEE/ANSI C62.42.2-2002)
Location Category	C-High

LUMEN MAINTENANCE

LM 70 (10,000)	>60,000 hrs
LM 70 (TM-21)	>100,000 hrs

CERTIFICATION DATA

UL	UL 1598	 
Lighting Facts	Pending	
DLC	Pending	
IP65		

ENERGY DATA

Power Factor	>99%
THD	<10% at 120 VAC
THD	<20% at 277 VAC
Off-state Power	<1/2W
Driver Lifetime	>100,000 hrs
Temperature	Ambient Minimum -40°C Ambient Maximum 50°C

SHIPPING DATA

Single Unit Net Weight	8 lbs.
Packaged Weight	10 lbs.
Pallet Quantity	56 units
Gross Weight	480 lbs.

FOR MORE INFORMATION

Contact your local distributor or call:

evluma

The Evolution of Illumination™

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Suite 140
Renton WA 98057

425-336-5800

www.evluma.com

