

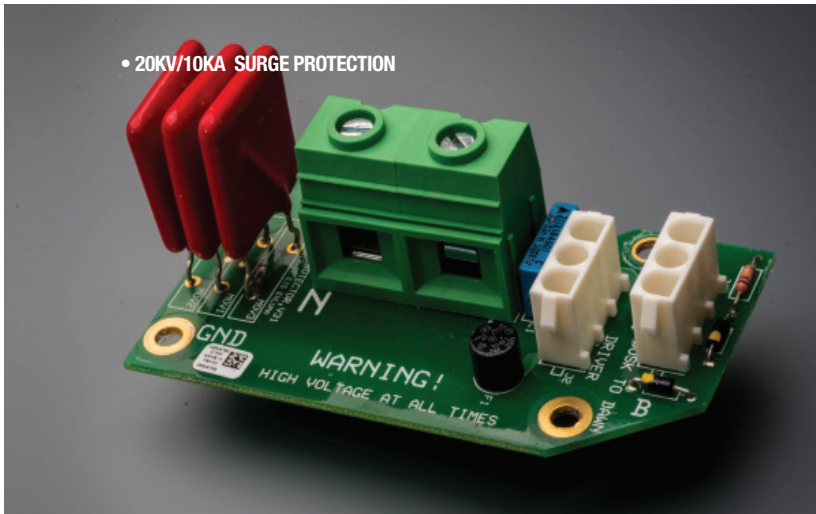


AreaMax™ LED Security Lights

Save maintenance. Save energy. Save time.



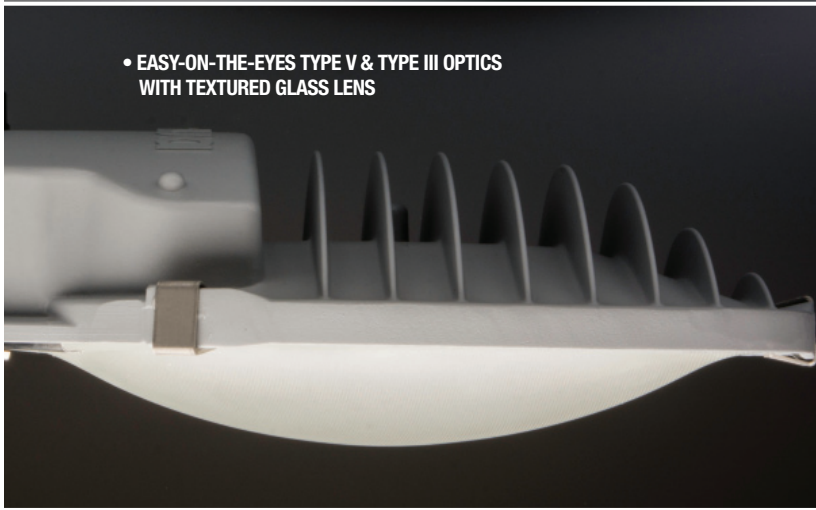
- PHOTOCONTROL FAILSAFE™
10 YEAR COMPREHENSIVE WARRANTY



- 20KV/10KA SURGE PROTECTION



- 40W-16 LED OR 70W-32 LED REPLACES 100-200W HID WITH UP TO 96 LM/W
RELIABLE 24+ YEAR LED LIFE



- EASY-ON-THE-EYES TYPE V & TYPE III OPTICS WITH TEXTURED GLASS LENS



- RUGGED POWDER-COATED CAST-ALUMINUM HOUSING
COASTAL PACKAGE OPTIONAL



- ConnectLED™ BLUETOOTH®
REMOTE CONTROL AND DIMMING

AreaMax Utility Grade LED Security Lights save maintenance, energy, and time. Never replace a failed photocontrol again.

SAVE MAINTENANCE

Evluma innovation solves photocontrol failures with Photocontrol Failsafe.

When a photocontrol fails, Photocontrol Failsafe™ takes over, eliminating a truck-roll and guaranteeing dusk-til-dawn operation. Every AreaMax unit includes Evluma Photocontrol Failsafe. Retain the existing NEMA standard twist-lock photocontrol or choose the new optional Evluma integrated photocontrol. Either way, Photocontrol Failsafe calibrates the on/off cycle to its unique geographic location for sunrise and sunset.



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



SAVE ENERGY

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

Replace 100-200W HIDs with 40 or 70W AreaMax LED luminaires to get as high as 96 lm/W of 4,000°K or 5500°K CCT.

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-til-dawn fixtures saves time and effort. AreaMax weighs less than 8 lbs. Reversible tenon clamp fits popular mounting arm sizes.



No more time spent replacing failed photocontrols. Evluma's exclusive Photocontrol Failsafe and remote access are built-in features saving time and energy.

SAVE TIME

ConnectLED™ gives you remote Bluetooth® control up to 150' from the pole via laptop or tablet.

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

- Connect/Disconnect the fixture from service
- Create brightness settings
- Upload custom dimming algorithms
- Read FaultCast™ status transmissions.



Just install ConnectLED™ Software via USB thumb drive. Plug in the Evluma ConnectLED Bluetooth USB wireless adapter and you're ready to query the status or set the dimming schedule for a selected luminaire. Available for Windows 7 or 8.1.



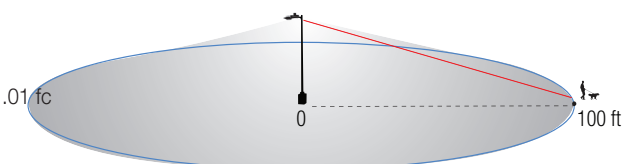
Grab it and go! Take ConnectLED with you on an Android tablet. Tablet and ConnectLED sold as a package with choice of license.



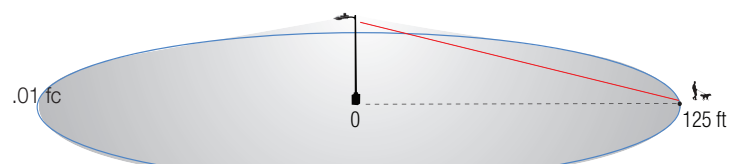
ISOFOOTCANDLE LINES AT 25 FT MOUNTING HEIGHTS. TYPE V DISTRIBUTION

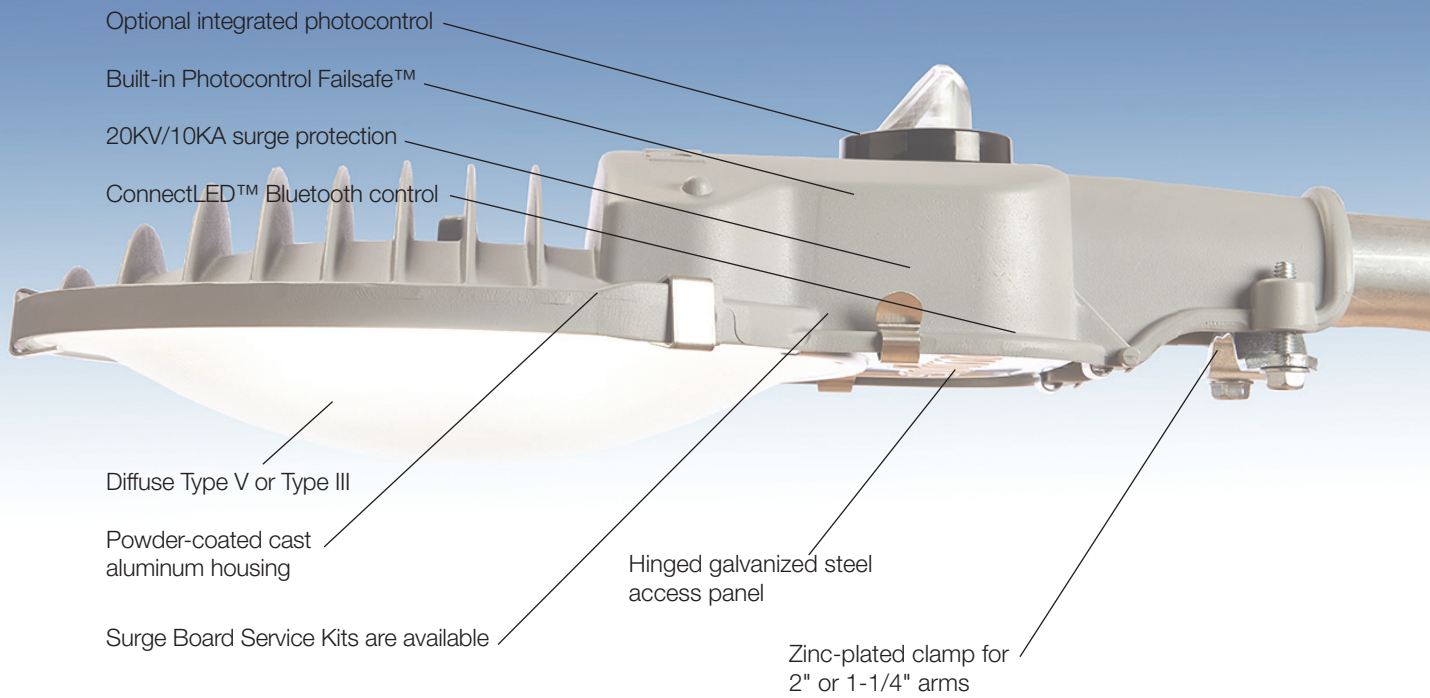
AMAX 40

.01 fc = full moonlight

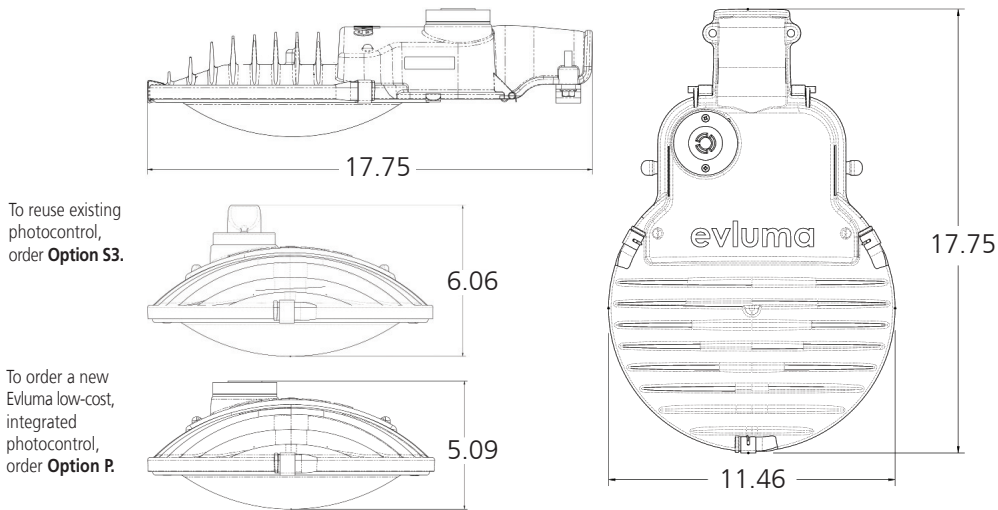


AMAX 70





DIMENSIONS



Assembled in the USA from domestic and imported parts.

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

COMBINED PAYBACK MODEL

Assumptions

AMAX-40-5K-6-V-D-P-0
Annual operating hours 4140
Energy cost .08/KwHr

	100W HPS	40W AreaMax	Savings
Load	.120 Kw	.040 Kw	.08 Kw
Annual Usage	497 KwHr	166 KwHr	331 KwHr
Annual Energy Cost	\$40.00	\$13.00	\$27.00
Maintenance Cost	one truck roll/2.5 years @ \$200.00 each	zero truck rolls over product lifetime	\$83.00

Area**Max** Annual Energy & Maintenance Cost Savings per fixture ≈ \$110.00

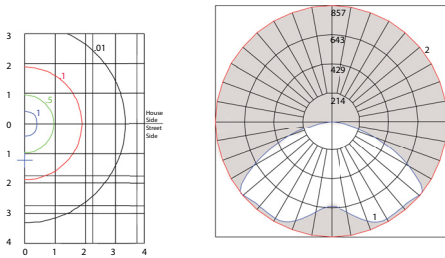
Total Annual savings accrued over 20 years ≈ \$2,200.00

Evluma AreaMax LED Security Light

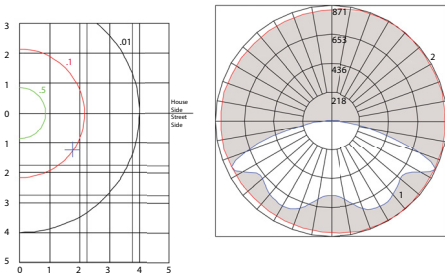


TYPE V POLAR CANDELA DISTRIBUTION

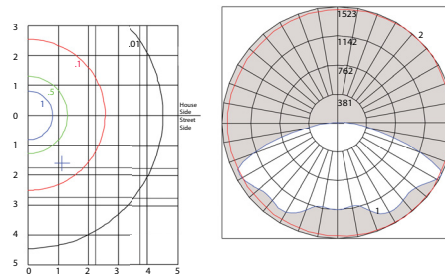
Vertical Plane (1) and Horizontal Cone (2) through maximum candela.



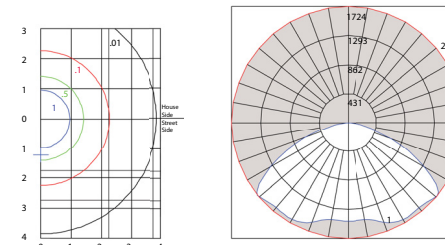
40W 4K 6-V-C Flat Lens: Max Candela: 857 at 51° Angle
.01 fc at >3 25' mtg htgs B1-U0-G1. ITL82574



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

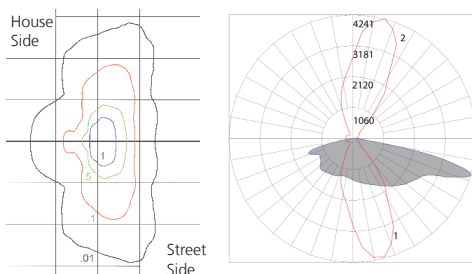


70W 5K V-D Domed Lens: Max Candela: 1523 at 63° Angle
.01 fc at >4 25' mtg htgs B3-U2-G2. ITL83537



70W 4K V-C Flat Lens: Max Candela: 1724 at 51° Angle
.01 fc at over 3 25' mtg htgs B2-U0-G1. ITL83536

TYPE III POLAR CANDELA DISTRIBUTION



70W 5K 3-D Domed Lens: Max Candela: 4241 at 75° Angle
Grid is 2x 25' mtg htgs B1-U2-G1. **PRELIMINARY DATA.**

ORDERING INFORMATION

Sample order number: **AMAX-40-5K-6-V-D-P-CST**

PRODUCT FAMILY	WATTS	PERFORMANCE CODES	DISTRIBUTION TYPE	LENS	PHOTOCONTROL SOCKET	ENVIRONMENTAL PACKAGE
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
	70 = 70 Watts	4K-6 5K-6	3 = type III*	D = dome	P = integrated S3 = 3-pin socket	0 = std outdoor CST = coastal

PERFORMANCE CODES 40W TYPE V (Recommended to replace 100-175W HID)

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

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

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

* type III test data pending

ACCESSORIES

- AMAX-LTS light trespass shield (order separately)
- 100033-001 10' pigtailed (order separately - AMAX shipped with 66" pigtailed standard)

CONNECTED™ CODES

- ConnectLED, Tablet Version, Android CLED-TBL-A-001
- ConnectLED, Tablet License, Enterprise CLED-TBL-ENT
- ConnectLED, PC Version, Windows CLED-PC-W-001
- ConnectLED, PC License, Enterprise CLED-PC-ENT

TECHNICAL SPECIFICATIONS

ELECTRICAL DATA

- Driver 90-277 VAC 50/60Hz
(.32 Amps at 120 VAC)
Proprietary patented **Class II** Driver

Surge Protection 20kV/10kA (IEEE/ANSI C62.42.2-2002)

Location Category C-High

CERTIFICATION DATA

- UL Lighting Facts UL 1598 Qualified
- DLC Approved IEC 60529 IP66



- ASTM D2247-68 Humidity
- FM 4473 Hail Impact Resistance
- ANSI C136.31-2010 Roadway and Area Lighting Equipment—Luminaire Vibration - Level 2 Bridge/Overpass
- EPA under 0.5 sq ft

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 580 lbs.

FOR MORE INFORMATION

Contact your local distributor or call:



The Evolution of Illumination™

Evluma
3600 Lind Avenue SW
Suite 140
Renton WA 98057

425-336-5800

www.evluma.com

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