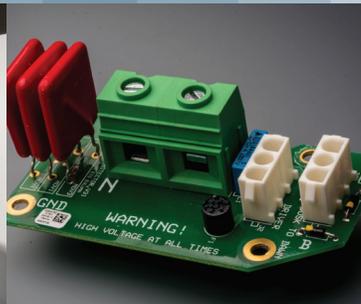# Area**Max**™

Save maintenance
Save energy
Save time

Photocontrol
Failsafe™

Robust 20kV/10kA
surge protection

ConnectLED™
wireless controls

evluma™

AreaMax: Utility Grade LED
A new standard for performance, reliability and savings

With the lowest total cost of ownership, AreaMax™ LED luminaires achieve major reductions in maintenance and energy over HID

Perfect for rural security, residential street lighting, and parking lots. Replace 100-200W HIDs with 40W-70W AreaMax LED luminaires and achieve over 110 lm/W.

AreaMax standard 20kV/10kA is one of the highest rated surge protectors in the market. A Class II custom driver, expertly matched components, and patented Evluma technology deliver a robust, utility grade fixture that's built to last, all backed by a 10 year warranty.

Photocontrol Failsafe™
Never roll another truck for a failed photocontrol

When a photocontrol fails, Photocontrol Failsafe™ takes over, eliminating a truck-roll and guaranteeing dusk-till-dawn operation.

Retain the existing NEMA standard twist-lock photocontrol or choose the Evluma integrated photocontrol. Either way, Evluma's Photocontrol Failsafe calibrates the on/off cycle to the unique sunrise/sunset times of the luminaire's geographic location.
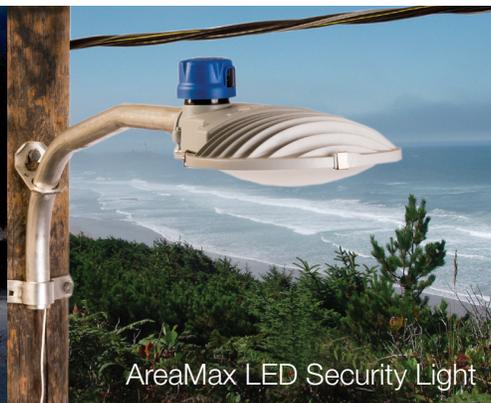

ConnectLED™
Wireless Lighting Management

Unlock additional savings with ConnectLED™. This app for Apple, Android or Windows communicates at a distance of up to 150' via BLE (Bluetooth Low Energy) to:
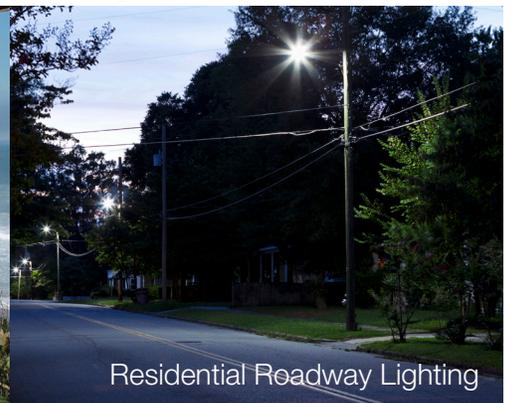
- Connect/Disconnect from service
- Set Maximum Brightness
- Set scheduled dimming
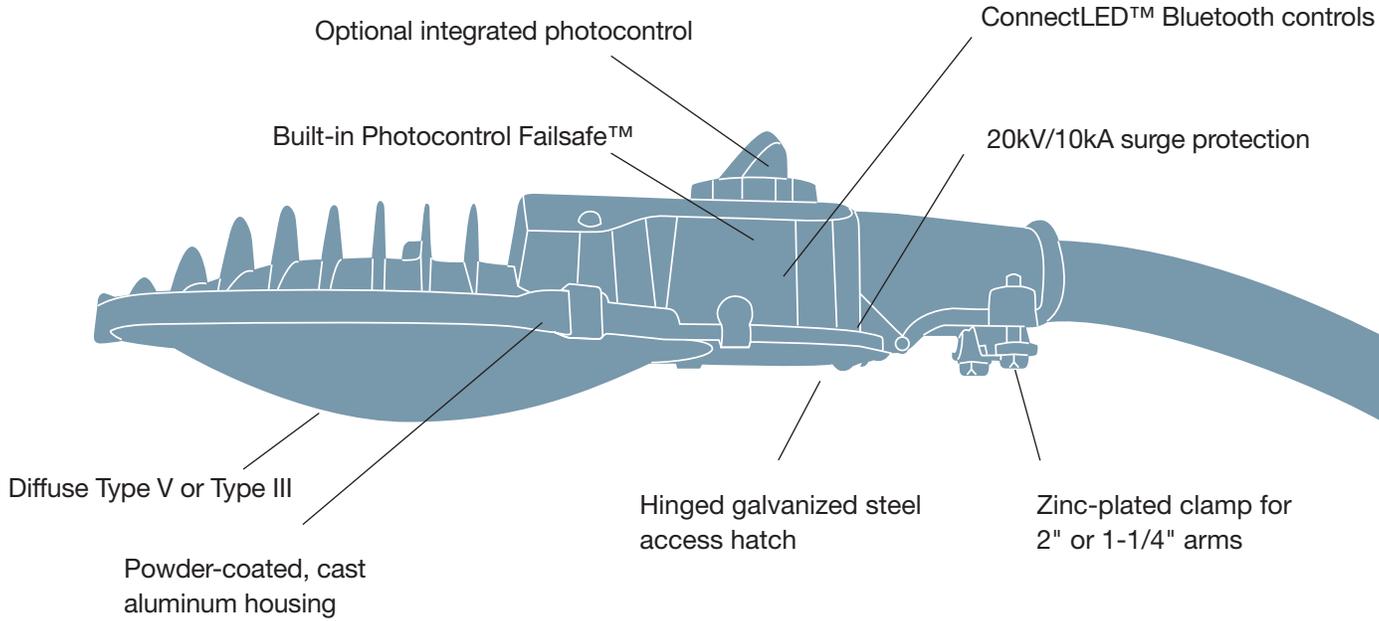- Monitor status and more!

Residential Lighting
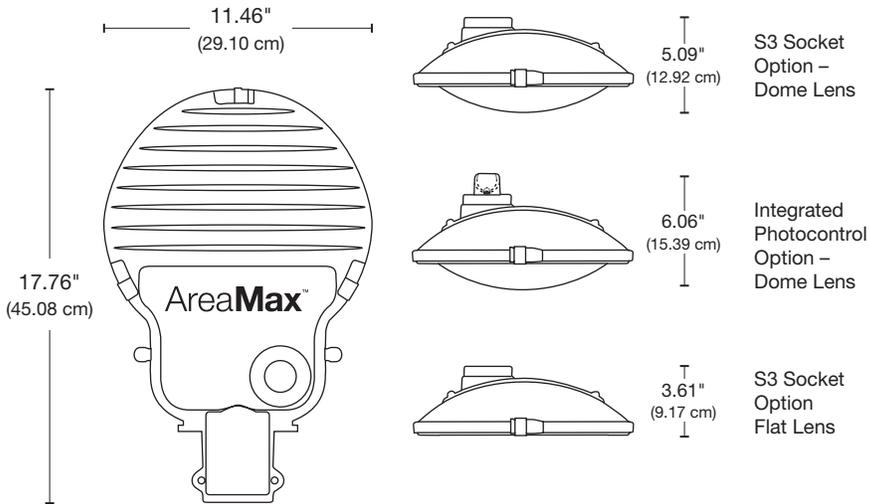
AreaMax LED Security Light

Residential Roadway Lighting

Features

Optional integrated photocontrol

Built-in Photocontrol Failsafe™

ConnectLED™ Bluetooth controls

20kV/10kA surge protection

Diffuse Type V or Type III

Powder-coated, cast aluminum housing

Hinged galvanized steel access hatch

Zinc-plated clamp for 2" or 1-1/4" arms

Dimensions

11.46"
(29.10 cm)

17.76"
(45.08 cm)

Area**Max**™

5.09"
(12.92 cm)
S3 Socket Option – Dome Lens

6.06"
(15.39 cm)
Integrated Photocontrol Option – Dome Lens

3.61"
(9.17 cm)
S3 Socket Option Flat Lens

Construction and Finish
Powder-coated, cast aluminum housing, galvanized steel, hinged access hatch with spring clips for easy open and close.

Mounting
Zinc-plated, steel tenon clamp and trilobe screws accept 2" or 1-1/4" arm for easy slip-on installation.

Coastal Package Option
Cast aluminum alloy housing with corrosion resistant polymer coating. Aluminum access hatch, s.s. tenon clamp and s.s. bolts.

Optical (Lens)
Textured glass with a white, optical-grade reflective film liner creates a bright, non-glare, diffuse light.

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.

Assembled in the USA from domestic and imported parts.

Payback Model

ASSUMPTIONS

Model number
AM-40-5K-6-V-D-P-STD-6

Annual operating hours
4140

Energy cost
.08/KwHr

.120 / .040
Load (Kw)

497 / 166
Annual usage (KwHr)

$40 / $13
Annual energy cost

1 every 2.5 years / 0
Truck rolls per lifetime ($200 each)

100W HPS   40W Area**Max**™

Savings per Year
.08 Kw
331 KwHr
$27 energy
$83 maintenance

$110 per fixture

Total Savings Over 20 Years

$2,200

Ordering Information

Sample Number: AM-40-5K-V-D-S7-CST-6

Product Family	Watts	CCT	Distribution Type	Lens (Options)	Photocontrol Socket (Options)	Environmental Package (Options)	Leads (Options)
AM = AreaMax	**40** = 40 watts **55** = 55 watts **70** = 70 watts	**3K** = 3000K **4K** = 4000K **5K** = 5000K	**V** = type V	**D** = dome **C** = full cutoff	**P** = integrated **S3** = 3 pin socket **S7** = 7 pin socket	**STD** = std outdoor **CST** = coastal	**6** = 66" **10** = 10' **20** = 20' **N** = none
AM = AreaMax	**40** = 40 watts **70** = 70 watts	**3K** = 3000K **4K** = 4000K **5K** = 5000K	**3** = type III	**D** = dome **C** = full cutoff	**P** = integrated **S3** = 3 pin socket **S7** = 7 pin socket	**STD** = std outdoor **CST** = coastal	**6** = 66" **10** = 10' **20** = 20' **N** = none

Performance Data

40W Type V
(Recommended To Replace 100-175W HID)

CODE	CCT	Lumens	BUG
3K (C)	3000K	>3900	B2-U0-G1
3K (D)	3000K	>4000	B2-U2-G1
4K (C)	4000K	>4000	B1-U0-G1
4K (D)	4000K	>4100	B2-U2-G1
5K (C)	5000K	>4000	B1-U0-G1
5K (D)	5000K	>4100	B2-U2-G1

DLC Qualfied. Search the QPL at designlights.org/search/

70W Type V
(Recommended to replace 150-200W HID)

CODE	CCT	Lumens	BUG
3K (C)	3000K	>6800	B2-U0-G1
3K (D)	3000K	>7000	B3-U2-G1
4K (C)	4000K	>7000	B2-U0-G2
4K (D)	4000K	>7500	B3-20-G2
5K (C)	5000K	>7600	B2-U0-G1
5K (D)	5000K	>7700	B3-U2-G2

DLC Qualfied. Search the QPL at designlights.org/search/

40W Type III
(Recommended to replace 100-175W HID)

CODE	CCT	Lumens	BUG
3K (C)	3000K	>4000	B1-U0-G1
3K (D)	3000K	>4200	B1-U2-G1
4K (C)	4000K	>4200	B1-U0-G1
4K (D)	4000K	>4300	B1-U2-G1
5K (C)	5000K	>4300	B1-U0-G1
5K (D)	5000K	>4500	B1-U2-G1

55W Type V
(Recommended to replace 150-200W HID)

CODE	CCT	Lumens	BUG
3K (C)	3000K	>5000	B2-U0-G1
3K (D)	3000K	>5100	B2-U2-G2
4K (C)	4000K	>5300	B2-U0-G1
4K (D)	4000K	>5300	B2-U2-G2
5K (C)	5000K	>5300	B2-U0-G1
5K (D)	5000K	>5600	B3-U2-G2

DLC Qualfied. Search the QPL at designlights.org/search/

Accessories

AMAX-LTS   light trespass shield (order separately)

Dark Sky Friendly
We are proud to offer several AreaMax models that have received the IDA's Dark Sky Seal of Approval.

70W Type III
(Recommended to replace 150-200W HID)

CODE	CCT	Lumens	BUG
3K (C)	3000K	>6100	B2-U0-G1
3K (D)	3000K	>6500	B2-U2-G2
4K (C)	4000K	>6600	B2-U0-G1
4K (D)	4000K	>6900	B2-U2-G2
5K (C)	5000K	>6700	B2-U0-G1
5K (D)	5000K	>7100	B3-U2-G2

Technical Specs

Electrical Data
Driver	90-277 VAC 50/60Hz Proprietary patented Class II Driver
Surge Protection	20kV/10kA IEEE/ANSI C62.41.2-2002
Location Category	C-High

Lumen Maintenance
L70 (10,000)	>60,000 hrs
L70 (TM-21)	>100,000 hrs
Warranty	10 Years

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

Shipping Data
Single Unit Net Weight	8 lbs.
Packaged Weight	10 lbs.
Pallet	56 units / 580 lbs.

Certification Data
UL 1598 Met Labs	
IP66 IEC 60529	
ASTM D2247-6	Humidity
FM 4473	Hail Impact Resistance
ANSI C136.31-2010	Level 2 Bridge/Overpass
NOM-031	

Evluma makes one thing: Utility-grade outdoor LED lighting solutions

From heat management, to light quality, to integrated controls, we've been solving the biggest challenges in LED for over 2 decades. We help cities, municipalities and utility providers evolve their lighting infrastructure to meet needs of tomorrow.

evluma™

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