

## AreaMax 80W and 100W LED Luminaire

Recommended to replace 200-250W HID

Evluma's most powerful LED luminaire still has the industry's lowest total cost of ownership, with dramatic reductions in maintenance and energy cost over HID

**New from Evluma!** Replace 200W-250W HID street and area lights with AreaMax 80W or 100W LED luminaires. Available in both Type III and Type V light distribution and multiple CCT (2700K-5000K). Recommended for parking lots, service areas, residential roadways, or as a security light.

With 20kV/10kA surge protection, a Class II custom driver, and patented Evluma technology the AreaMax is a robust, utility-grade fixture that's built to last, and backed by a 10-year warranty. Each unit ships with Photocontrol Failsafe™ built-in and the option to activate ConnectLED™ features.

### 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-til-dawn operation.



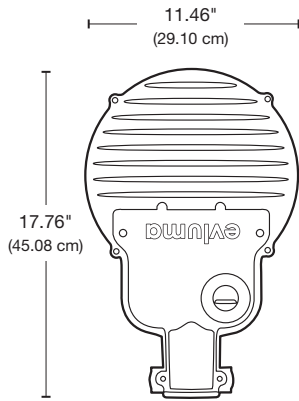
### ConnectLED™

**Wireless lighting management** – Unlock additional savings with ConnectLED™. This app for Apple, Android or Windows devices communicates via BLE (Bluetooth Low Energy) technology to:

- Connect/Disconnect from service
- Set maximum brightness
- Set scheduled dimming
- Monitor status, and more!



# Dimensions & Features



### Construction and Finish

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

### Mounting

Stainless steel tenon clamp and stainless steel 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, aluminum tenon clamp and stainless steel bolts.

### Optical (Lens)

Textured glass, 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.*

# Ordering Information

Sample Number: AX-40-50-5-D-S7-CST-6

Product Family	Watts	CCT	Distribution Type	Lens (Options)	Photocontrol Socket (Options)	Environmental Package (Options)	Leads (Options)
<b>AX =</b>	<b>80 = 80 watts</b>	<b>27 = 2700K</b>	<b>5 = type V</b>	<b>D = dome</b>	<b>P = integrated</b>	<b>STD = std outdoor</b>	<b>6 = 66"</b>
AreaMax	<b>100 = 100 watts</b>	<b>30 = 3000K</b>	<b>3 = type III</b>	<b>C = full cutoff</b>	<b>S3 = 3 pin socket</b>	<b>CST = coastal</b>	<b>10 = 10'</b>
		<b>40 = 4000K</b>			<b>S7 = 7 pin socket</b>		<b>20 = 20'</b>
		<b>50 = 5000K</b>					<b>N = none</b>

# Performance Data

CRI for all models > 70

**80W** recommended to replace 200-250W HID

**100W** recommended to replace 200-250W HID

Code	Lumens	LM/W
<b>TYPE V</b>		
50 5 (C)	10,100	127
50 5 (D)	10,300	129
40 5 (C)	10,800	135
40 5 (D)	10,800	136
30 5 (C)	10,800	135
30 5 (D)	10,800	135
27 5 (C)	8,400	106
27 5 (D)	8,500	107
<b>TYPE III</b>		
50 3 (C)	10,200	128
50 3 (D)	10,600	133
40 3 (C)	10,300	129
40 3 (D)	10,700	134
30 3 (C)	10,200	128
30 3 (D)	10,600	133
27 3 (C)	8,000	101
27 3 (D)	8,400	105

Code	Lumens	LM/W
<b>TYPE V</b>		
50 5 (C)	12,200	122
50 5 (D)	12,500	125
40 5 (C)	12,900	129
40 5 (D)	13,200	132
30 5 (C)	12,800	128
30 5 (D)	13,100	131
27 5 (C)	10,200	102
27 5 (D)	10,400	104
<b>TYPE III</b>		
50 3 (C)	12,300	123
50 3 (D)	12,800	128
40 3 (C)	12,400	124
40 3 (D)	12,900	129
30 3 (C)	12,300	123
30 3 (D)	12,800	128
27 3 (C)	9,700	97
27 3 (D)	10,100	101

### Accessories

**AMAX-LTS** Stainless steel light trespass shield (order separately)

# 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.

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### Electrical Data

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

### Lumen Maintenance

L70 (10,000) >	>60,000 hrs
LM at 10,000 hrs	=99%
LM at 100,000 hrs	>90%

### Warranty

10 yrs

### Energy Data

Power Factor	>99% at 120VAC >91% at 277VAC
THD	<8% at 120 VAC <10% 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 D2247-68	Humidity
FM 4473	Hail Impact Resistance
ANSI C136.31=2010 L2	Vibration Bridge/Overpass
EPA under 0.5 sq ft	



3600 Lind Avenue SW Suite 140  
Renton WA 98057  
425-336-5800 www.evluma.com