

# ENVIRON AREA LIGHTING

## 150W-200W LED LUMINAIRES



### Description

Venture Lighting's Environ area light fixtures couples a sleek, reliable design with precise ANSI optical distributions to make them the ideal upgrade for area/site, roadway, and security applications. Perfect for new construction or easy replacement of existing installations.

### Performance

- CCT options: 3000K, 3500K, 4000K or 5000K; CRI: 70
- Universal 120-277V 50/60 Hz input or 347-480V input
- Assembled at Venture Lighting

### Electrical

The drivers have a range of 120-277V, 50/60 Hz or 347-480V input. LED driver is isolated from the LED light engine for enhanced driver reliability. 0-10V DC dimming capability is standard. The luminaires are rated for wet locations. Each fixture has a built-in 10kA surge protector. Each fixture is supplied with a 7-pin receptacle and a shorting cap. A motion sensor can be factory installed.

### Construction

Rugged die cast housing finished in a durable powder coat finish and with vandal resistant polycarbonate lens. To ensure weather-tight protection, each optical assembly is sealed with a silicone gasket. Luminaires are rated for an ambient operating temperature range of -40°C to 40°C.

### Mounting

Twistlock photocell accessory can easily be mounted into the fixture. The fixture is designed for use with various mounting accessories: Square and round pole arms, wall mount, slipfitter or mast arm. The slipfitter and the mast arm fit a 2-3/8" tenon. All mounting accessories are ordered separately.

### Controls

- Synapse wireless controls available
- Standard 0-10V DC dimming (Wattage range: 10% to 100%)

### Warranty

- 5-year limited warranty

### Compliance

- cULus Listed
- UL Rated for wet locations
- BAA/TAA, available upon request

Catalog Number
Type
Date
Notes



Shown with square pole straight arm

### Electrical

Wattage	Input Voltage						Replaces Existing HID Wattages
	120V	208V	240V	277V	347V	480V	
150W	1.30	0.73	0.63	0.55	0.41	0.30	250W V, 400W H
200W	1.70	0.97	0.83	0.73	0.55	0.40	400W V, 1000W H



## Ordering & Model Number Information

Choose nomenclature that suits application. Example: **ENV-150CT2-ABZ-SHM12**

Fixture Type	Wattage	Color Temp.	Optics	Voltage	Fixture Finish	Shield	Options
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- ENV - Venture's LED Area Fixture
- 150 - 150W     W - 3000K     T2 - Type II     A - 120-277V     BZ - Bronze    "Blank" - No backlight shield    "Blank" - No motion sensor  
 200 - 200W     B - 3500K     T3 - Type III     B - 347-480V     M12 - 120-277V Motion/Dim/Photocell sensor  
 N - 4000K     T4 - Type IV     SH-Backlight shield<sup>1</sup>     M34 - 347-480V Motion/Dim/Photocell sensor  
 C - 5000K     T5 - Type V  
 TT - Tennis Optics

Notes: \* 3000K color temperature and fixed mounting must be selected for IDA approval

<sup>1</sup>= For Type III and Type IV only

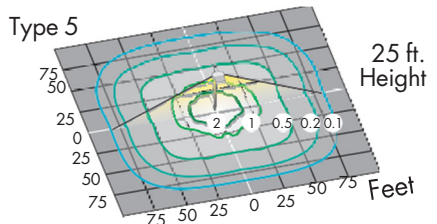
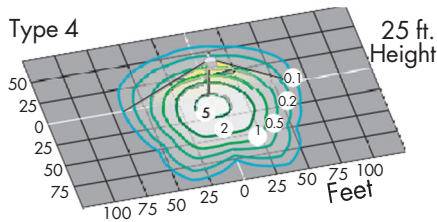
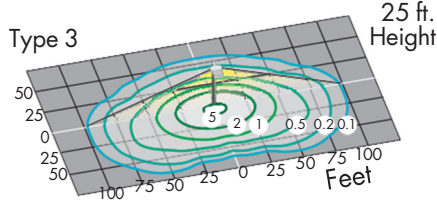
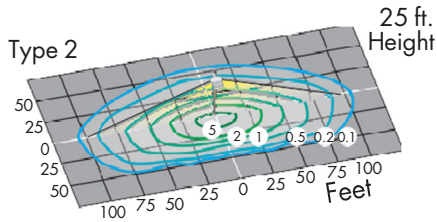
## Accessories

Mounting Accessories			Photocell Accessories			Wireless Controls Accessories	
Part#	Description	Weight (lbs)	Accessory EPA	Part#	Description	Part#	Description
EN14178	Round pole straight arm - bronze	2.3	0.14	PH12415	3-Pin Twist lock photocell (120-277V)	WCN-7P-UNV	Synapse® Twist lock controller
EN26814	Square pole mount - bronze	2.0	0.11	PH81156	3-Pin Twist lock photocell (480V)	WCG-450	Synapse® Gateway
EN35512	Adjustable slipfitter - bronze	3.6	0.19	PH87145	3-Pin Twist lock photocell (347V)	<b>Miscellaneous Accessories</b>	
EN38419	Mast arm (Horizontal tenon) - bronze	6.7	0.13	PH81975	Replacement shorting cap	Part#	Description
EN47832	Wall mount - bronze	2.8	0.17			SP12714	120-277V surge protector
						SP12826	347-480V surge protector

# ENVIRON AREA LIGHTING 150W - 200W

## Photometrics

150W



## Environmentals

Distribution Type	B-U-G Rating	Wattage	EPA (ft²)*
Type II	B3-U0-G3	150W	0.70
Type III	B3-U0-G3	200W	0.78
Type IV	B3-U0-G2		
Type V	B4-U0-G3		

\* Fixture w/o mounting accessory

Picture	150W Environ Configuration	EPA (ft²)
	1	0.81
	2 @ 90°	1.20
	2 @ 180°	1.62
	3 @ 120°	2.00
	3 @ 90°	2.00
	4 @ 90°	2.00

Picture	200W Environ Configuration	EPA (ft²)
	1	0.89
	2 @ 90°	1.28
	2 @ 180°	1.78
	3 @ 120°	2.18
	3 @ 90°	2.18
	4 @ 90°	2.18

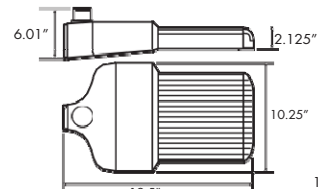
## Performance Data

Wattage	Distribution Type	3000K Color Temp.	Lumen Output			CRI	Lumen Maint. @50,000 hours†	Calc.L70@25°C Amb.(hrs)†
			3500K Color Temp.	4000K Color Temp.	5000K Color Temp.			
150W	Type II	16800	17400	17960	18240	70	99%	>500,000
	Type III							
	Type IV							
	Type V							
	Type II							
200W	Type III	23560	24480	25400	25690	70	99%	>500,000
	Type IV							
	Type V							
	Type II							
	Type III							

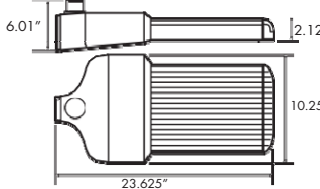
†Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

## Dimensions

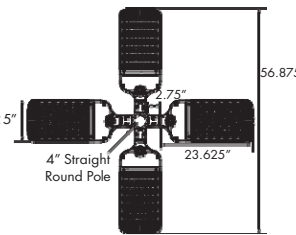
150W Weight: 15.7 lbs (7.10 kg)



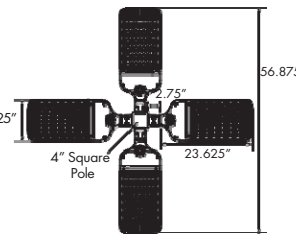
200W Weight: 18.3 lbs (8.30 kg)



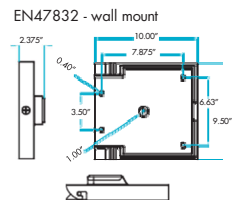
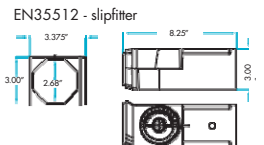
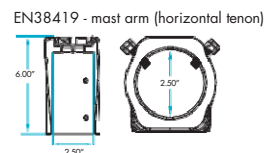
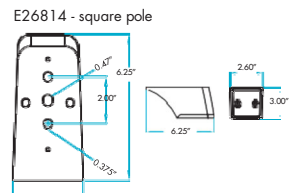
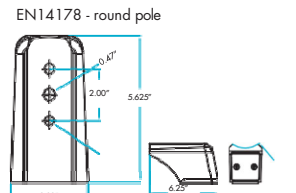
Round Pole Configuration



Square Pole Configuration



Drill Templates



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