



Environ

310W, 380W and 480W

Catalog Number

Type

Date

Notes



Shown with square pole straight arm



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.

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.

Electrical

The power supply has 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.

	Input Voltage						Replaces Existing
Wattage	120V	208V	240V	277V	347V	480V	HID Wattages
310W	2.60	1.50	1.30	1.20	0.95	0.70	1000W V, 1000W H
380W	3.10	1.80	1.60	1.40	1.20	0.85	1000W V, 1000W H
480W	4.00	2.30	2.10	1.70	1.40	1.10	1000W V, 1000W H

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.

Ordering & Model Number Information

Choose nomenclature that suits application. Example: **ENV-380CT3-ABZ-SHM12**

Fixture Type	Wattage	Color Temp.	Optics	Voltage	Fixture Finish	Shield	Options
ENV - Venture's LED Area Fixture	☐ 310 - 310W ☐ 380 - 380W ☐ 480 - 480W	☐ W - 3000K ☐ B - 3500K ☐ N - 4000K ☐ C - 5000K	☐ T3 - Type III ☐ T4 - Type IV ☐ T5W - Type V Wide	☐ A - 120-277V ☐ B - 347-480V	☐ BZ - Bronze	"Blank" - No backlight shield ☐ SH - Backlight shield ¹	"Blank" - No motion sensor ☐ M12 - 120-277V Motion/Dim/Photocell sensor ☐ M34 - 347-480V Motion/Dim/Photocell sensor

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

¹= For Type III and Type IV only

Accessories (Order as separate line items)

Mounting Accessories for 310W through 480W

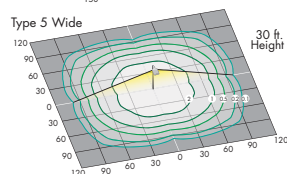
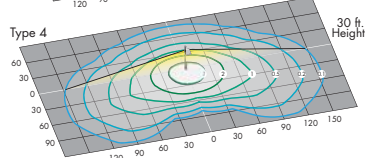
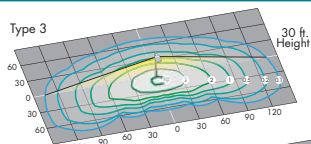
Part#	Description	Weight (lbs)	Accessory EPA (ft ²)
EN14628	Round pole straight arm - bronze	5.0	0.20
EN27395	Square pole mount - bronze	4.5	0.19
EN36717	Adjustable slipfitter - bronze	5.5	0.24
EN38159	Mast arm (Horizontal tenon) - bronze	4.1	0.21
PH12415	3-Pin Twist lock photocell (120-277V)		
PH81156	3-Pin Twist lock photocell (480V)		
PH87145	3-Pin Twist lock photocell (347V)		
PH81975	Replacement shorting cap		
SP12714	120-277V surge protector		
SP12826	347-480V surge protector		



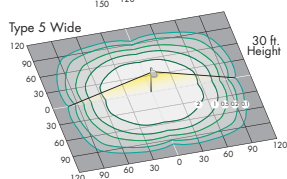
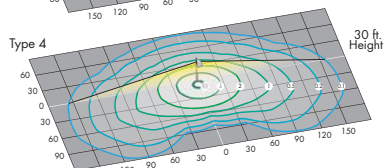
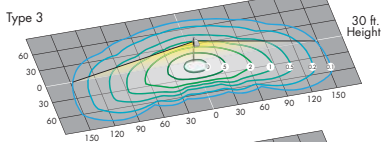
Environ LED Area Lighting 310W through 480W

Photometrics

380W



480W



Environmentals

Distribution Type	B-U-G Rating	Wattage	EPA (ft ²)
Type III	B4-U0-G4	310W	1.28
Type IV	B4-U0-G5	380W	1.36
Type V	B5-U0-G5	480W	1.44

310W Environ		
Picture	Configuration	EPA (ft ²)
	1	1.47
	2 @ 90°	1.80
	2 @ 180°	2.94
	3 @ 120°	3.35
	3 @ 90°	3.35
	4 @ 90°	3.35

380W Environ		
Picture	Configuration	EPA (ft ²)
	1	1.55
	2 @ 90°	1.95
	2 @ 180°	3.10
	3 @ 120°	3.50
	3 @ 90°	3.50
	4 @ 90°	3.50

480W Environ		
Picture	Configuration	EPA (ft ²)
	1	1.63
	2 @ 90°	2.10
	2 @ 180°	3.26
	3 @ 120°	3.65
	3 @ 90°	3.65
	4 @ 90°	3.65

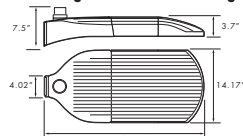
Performance Data

Wattage	Distribution Type	Lumen Output				CRI	Lumen Maint. @50,000 hours ¹	Calc. L70@25°C Amb.(hrs) ¹
		3000K Color Temp.	3500K Color Temp.	4000K Color Temp.	5000K Color Temp.			
310W	Type III							
	Type IV	32000	32000	34000	34000	70	89%	>162,000
	Type V Wide							
380W	Type III							
	Type IV	38000	39000	41000	42000	70	89%	>162,000
	Type V Wide							
480W	Type III							
	Type IV	48500	49500	50000	54000	70	89%	>162,000
	Type V Wide							

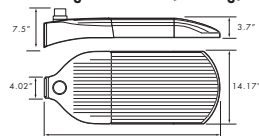
+Lumen maintenance data is based on LED testing per IESNA LM-80-08 and projected per IESNA TM-21-11

Dimensions

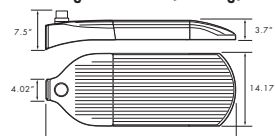
310W Weight: 40.0 lbs (18.2 kg)



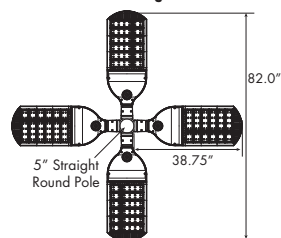
380W Weight: 45.0 lbs (20.4 kg)



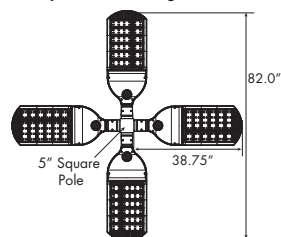
480W Weight: 50.0 lbs (22.7 kg)



Round Pole Configuration

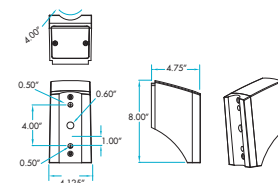


Square Pole Configuration

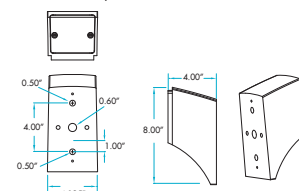


Drill Templates

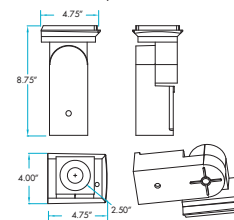
EN14628 - Round Pole



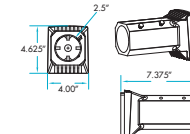
EN27395 - Square Pole



EN36717 - Slipfitter



EN38159 - Mast Arm (Horizontal Tenon)



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