

ZORRO ELITE

One area light that adapts to the site, from dealerships to campus parking: selectable power and CCT, wall, surface and pole mounting, T2 to T5 distributions, a 3-pin NEMA base and 10kV SPD as standard.

Auto Dealership

Retail

Commercial

Campus Parking



Key Specifications

Electrical

Input voltage	120-277/347V
Power factor	>0.9
THD	<20%
Dimming	0-10V dimming
Power	70/100/150W & 200/240/300W

Optical

CRI	80 CRI
CCT	3000K · 4000K · 5000K
Efficacy	~130lm/W
Distribution	T2 · T3 · T4 · T5

Physical

Mounting	Wall · Surface · Pole mount
Brackets	Slip fitter · Direct · Yoke · U-bracket
Finish	Bronze · Black
Ambient	-40°C to 45°C
Housing	Aluminum die cast · heat fins
Lens	Polycarbonate · high transmittance
Protection	IP65 · IK08 · 10KV surge protector
Controls	Motion sensor · Photocell

Certifications

Listings	UL · DLC Premium · RoHS
----------	-------------------------

System Warranty

5 years

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

Lumen Maintenance

L70 at 50000h

Rated for 70% initial lumen output at 50000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide - Fixture

Assembled Catalog Number

[RESET](#)

AE-OD-ZRE

01 FIXTURE FAMILY



AE-OD-ZRE

ERALUX Zorro Elite outdoor area light

02 POWER

-150W

70/100/150W
9100/13000/19500lm

-300W

200/240/300W
26000/31200/39000lm

Power switchable (1)

3000/4000/5000K CCT switchable (2)

03 VOLTAGE

-CA

120-277/347V

04 CONTROL

-D

0-10V dimming

-P

Photocell

-MS

Motion sensor

05 DISTRIBUTION



-T2

Type 2



-T3

Type 3



-T4

Type 4



-T5

Type 5

06 MOUNTING



-A

Slip fitter



-B

Direct mount



-C

Yoke mount

-D

No mounting



-E

U-bracket
floodlight mount

07 FINISH



Blank

Bronze

Black finish (3)

See the Zorro Elite Black spec sheet

1. Static power available upon request - lumen output will remain the same for the listed power. 2. Static CCT available upon request - lumen output will remain the same for the listed power. 3. For black finish refer to the Zorro Elite Black spec sheet.

Accessory Ordering Guide

Optical Shield

RESET

AE-OD-ZRE

01

ACCESSORY FAMILY



AE-OD-ZRE

AE-OD-ZRE

ERALUX Zorro Elite outdoor area light

02

ACCESSORY



-U-SHIELD

Optical shield

03

POWER

-150W

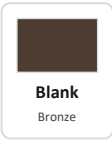
Compatible with
70/100/150W

-300W

Compatible with
200/240/300W

04

FINISH



Blank

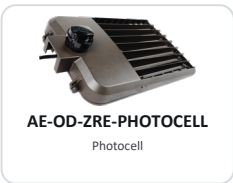
Bronze

Controls

RESET

01

CONTROL



AE-OD-ZRE-PHOTOCELL

Photocell



AE-IL-SB2-CA-MS

Plug in microwave
motion sensor



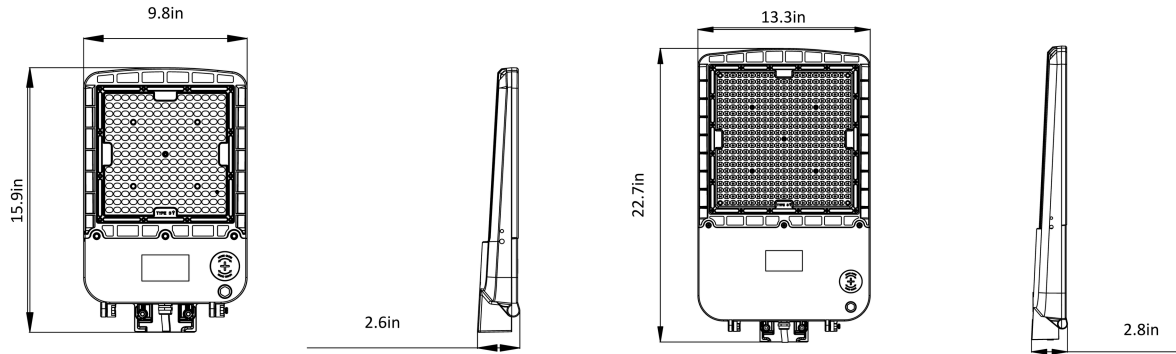
AE-IL-SB2-CA-REMOTE-CTRL

Remote control for
the motion sensor

Optical shield installation is shown on page 06; photocell details are on page 06 and the motion sensor on page 10.

Dimensions

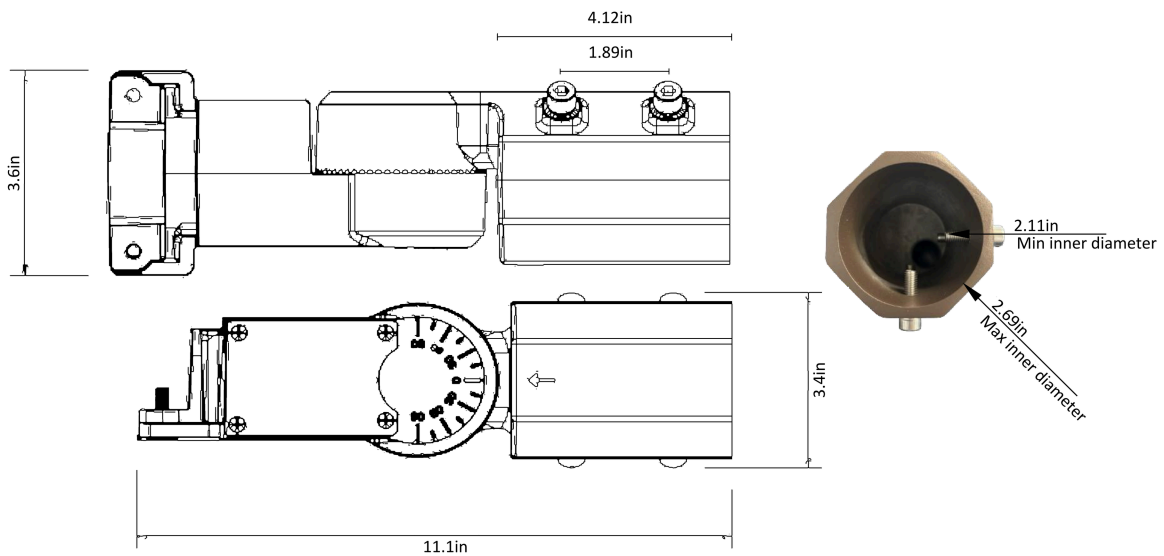
Without Bracket



80-100-150W

200-240-300W

Slip Fitter

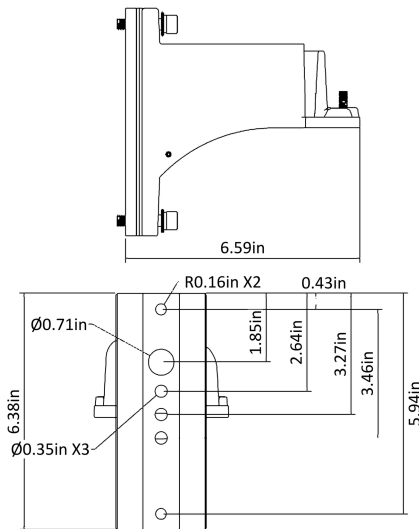


Installed on 2-3/8in round pole, adjustable tilt $\pm 75^\circ$

All dimensions in inches. [Install Instruction link](#)

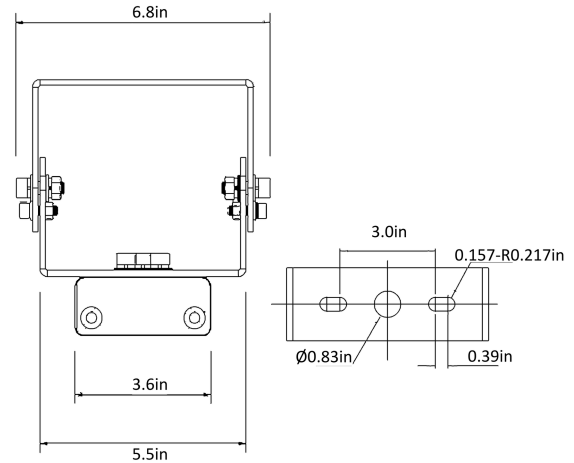
Dimensions

Direct Bracket and Yoke Mount



Direct bracket

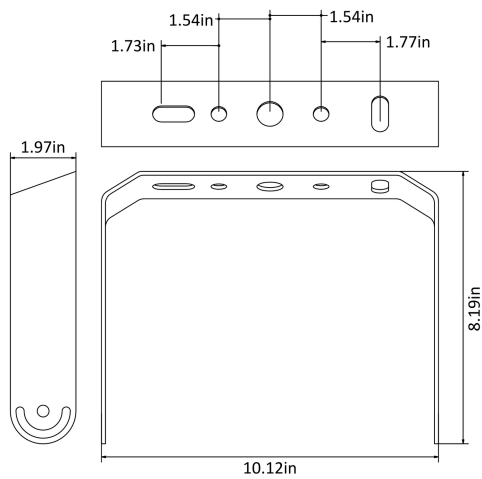
Installed on surface, wall, round or square pole



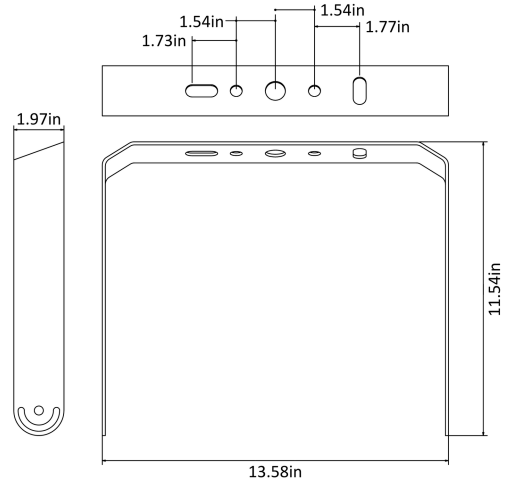
Yoke mount

Installed on surface, wall or square pole, adjustable tilt $\pm 75^\circ$

U-Bracket



150W fixture



300W fixture

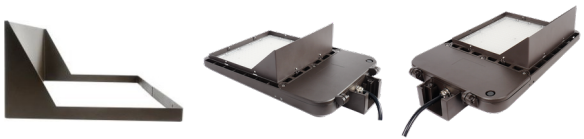
U-bracket installed on surface, wall or square pole, adjustable tilt $\pm 75^\circ$. All dimensions in inches.

Accessories

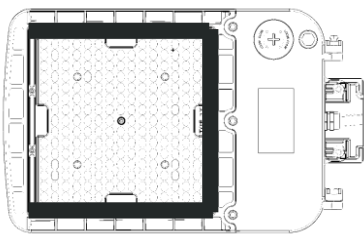
Optical Shield

150W	AE-OD-ZRE-U-SHIELD-150W
300W	AE-OD-ZRE-U-SHIELD-300W
Depth	4in
Lumen output	Lumen decrease ~30%

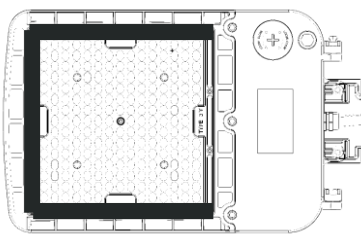
4in depth optical shield designed to reduce glare and light spill, blocking the light either forward, backward or sideways. This helps to minimize light pollution by directing light downward or toward specific areas.



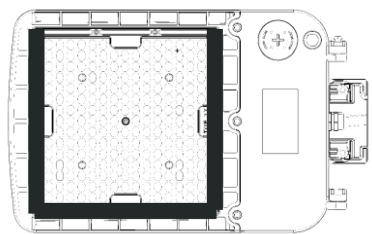
Installation



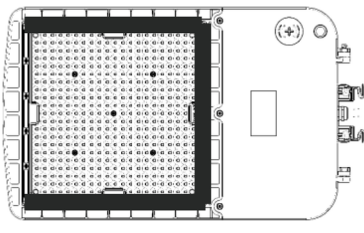
Back shield
150W



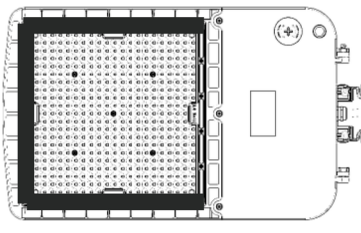
Forward shield
150W



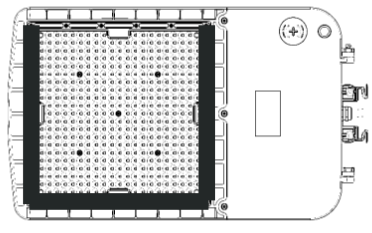
Side shield
150W



Back shield
300W



Forward shield
300W



Side shield
300W

Controls

Photocell

Order code	AE-OD-ZRE-PHOTOCELL
------------	---------------------

120-347V photocell providing the fixture the feature to automatically turn on or off depending on sunlight.



Ratings & Distribution

B-U-G Rating

POWER	T2	T3	T4	T5
70W	—	B3-U2-G3	B3-U2-G3	B3-U2-G3
100W	—	B3-U3-G3	B3-U2-G3	B4-U3-G3
150W	B4-U3-G4	B3-U2-G3	B3-U3-G3	B4-U3-G4
200W	B4-U3-G4	B4-U3-G3	B3-U3-G3	B5-U3-G3
240W	—	B4-U3-G4	B4-U3-G4	B4-U3-G4
300W	B5-U3-G5	B4-U3-G4	B5-U3-G4	B5-U3-G5

Backlight, uplight and glare ratings per IES TM-15-11. — = not rated.

EPA (Effective Projected Area)

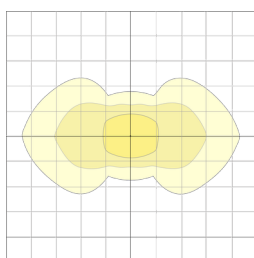
POWER	SLIP FITTER	DIRECT BRACKET	YOKE MOUNT
100W · 150W	1.572ft ²	1.572ft ²	1.428ft ²
200W · 300W	2.544ft ²	2.544ft ²	2.400ft ²

DLC Qualified Models

DLC	PRODUCT ID	MODEL NUMBER	CATEGORY	CLASS
5.1	S-JPVO7R	AE-OD-ZRE-150W-CA-[D,PIR,PTC,MS,PIP,MSP,PR,P,BT]-[Blank,T4]	Outdoor	Premium
5.1	S-GB2CF8	AE-OD-ZRE-300W-CA-[D,PIR,PTC,MS,PIP,MSP,PR,P,BT]-[Blank,T4]	Outdoor	Premium

Primary use: Outdoor Pole/Arm-Mounted Area and Roadway Luminaires. Design Lights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified; check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

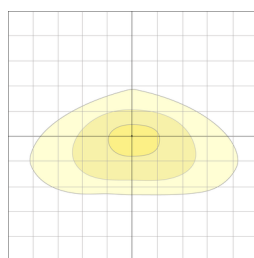
Distribution



-T2

Type 2

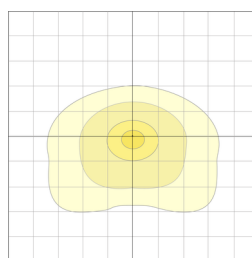
Wide symmetric illuminance pattern



-T3

Type 3

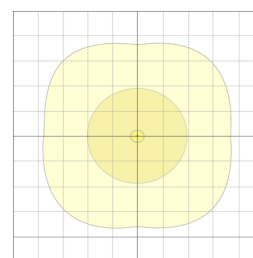
Wide slightly forward asymmetric illuminance pattern



-T4

Type 4

Wide more forward asymmetric illuminance pattern



-T5

Type 5

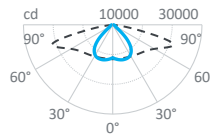
Symmetrical circular illuminance pattern

Photometric Data

AE-OD-ZRE-300W

TYPE 2 · 300W

		ZONE	LUMENS	% FIXTURE
		0-20°	4448.70	9.49
Wattage	292.5W	0-30°	10234.93	21.84
CCT	5000K	0-40°	18009.41	38.43
Distribution	T2	0-60°	34383.85	73.38
		0-80°	45789.03	97.71
		0-90°	46374.76	98.96

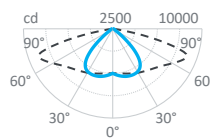


DISTANCE	CENTER Fc	BEAM WIDTH
3.3ft	1021	6.7ft 28.2ft
6.7ft	248	13.7ft 57.4ft
10.0ft	111	20.4ft 85.6ft
13.3ft	62.8	27.1ft 113.8ft
16.7ft	39.9	34.0ft 142.9ft
20.0ft	27.8	40.8ft 171.2ft
Vert. spread		91.1°
Horiz. spread		153.7°

AE-OD-ZRE-150W

TYPE 2 · 150W

		ZONE	LUMENS	% FIXTURE
		0-20°	2044.35	8.96
Wattage	148.7W	0-30°	4719.48	20.69
CCT	5000K	0-40°	8470.96	37.14
Distribution	T2	0-60°	16797.15	73.65
		0-80°	22437.33	98.38
		0-90°	22573.19	98.97

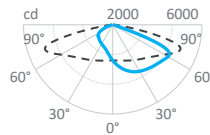


DISTANCE	CENTER Fc	BEAM WIDTH
8.3ft	72.4	17.8ft 64.1ft
16.7ft	17.9	35.9ft 128.9ft
25.0ft	7.98	53.7ft 192.9ft
33.3ft	4.50	71.5ft 257.0ft
41.7ft	2.87	89.6ft 321.8ft
50.0ft	1.99	107.4ft 385.9ft
Vert. spread		94.1°
Horiz. spread		150.9°

AE-OD-ZRE-150W

TYPE 3 · 100W

		ZONE	LUMENS	% FIXTURE
		0-20°	929.04	6.63
Wattage	99.6W	0-30°	2116.14	15.10
CCT	5000K	0-40°	3793.19	27.07
Distribution	T3	0-60°	8651.70	61.73
		0-80°	13636.45	97.30
		0-90°	13842.79	98.77

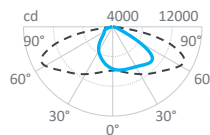


DISTANCE	CENTER Fc	BEAM WIDTH
3.3ft	220	5.0ft 14.0ft
6.7ft	53.3	10.1ft 28.4ft
10.0ft	23.9	15.1ft 42.4ft
13.3ft	13.5	20.1ft 56.3ft
16.7ft	8.57	25.2ft 70.7ft
20.0ft	5.98	30.2ft 84.7ft
Vert. spread		74.0°
Horiz. spread		129.4°

AE-OD-ZRE-300W

TYPE 3 · 200W

		ZONE	LUMENS	% FIXTURE
		0-20°	2184.36	7.62
Wattage	201.6W	0-30°	4931.79	17.21
CCT	5000K	0-40°	8812.40	30.75
Distribution	T3	0-60°	19626.43	68.49
		0-80°	27869.81	97.25
		0-90°	28304.08	98.77



DISTANCE	CENTER Fc	BEAM WIDTH
3.3ft	522	7.1ft 20.6ft
6.7ft	127	14.4ft 41.8ft
10.0ft	56.8	21.5ft 62.4ft
13.3ft	32.1	28.5ft 83.0ft
16.7ft	20.4	35.8ft 104.3ft
20.0ft	14.2	42.9ft 124.9ft
Vert. spread		94.0°
Horiz. spread		144.5°

Photometric Data

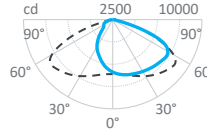
Lumen Estimate Adjustment Factors

3000K $\times 0.96$ 4000K $\times 1.00$ 5000K $\times 1.03$

AE-OD-ZRE-300W

TYPE 4 · 200W

		ZONE	LUMENS	% FIXTURE
Wattage	192.2W	0-20°	2243.94	8.52
CCT	5000K	0-30°	5023.06	19.06
Distribution	T4	0-40°	8848.74	33.58
		0-60°	18852.23	71.55
		0-80°	25793.37	97.90
		0-90°	26001.03	98.68

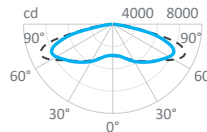


DISTANCE	CENTER Fc	BEAM WIDTH
3.3ft	543	7.8ft
6.7ft	132	15.9ft
10.0ft	59.1	23.8ft
13.3ft	33.4	31.6ft
16.7ft	21.2	39.7ft
20.0ft	14.8	47.5ft
Vert. spread		99.8°
Horiz. spread		110.2°

AE-OD-ZRE-300W

TYPE 5 · 200W

		ZONE	LUMENS	% FIXTURE
Wattage	196.6W	0-20°	1130.36	4.41
CCT	5000K	0-30°	2752.46	10.75
Distribution	T5	0-40°	5324.90	20.80
		0-60°	13913.90	54.35
		0-80°	24562.35	95.94
		0-90°	25296.30	98.80

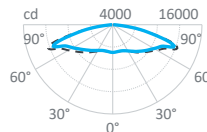


DISTANCE	CENTER Fc	BEAM WIDTH
3.3ft	258	4.0ft
6.7ft	62.6	8.2ft
10.0ft	28.1	12.2ft
13.3ft	15.9	16.2ft
16.7ft	10.1	20.3ft
20.0ft	7.03	24.3ft
Vert. spread		62.6°
Horiz. spread		124.6°

AE-OD-ZRE-300W

TYPE 5 · 300W

		ZONE	LUMENS	% FIXTURE
Wattage	282.9W	0-20°	1866.57	3.99
CCT	4000K	0-30°	4270.90	9.13
Distribution	T5	0-40°	7964.66	17.02
		0-60°	20517.36	43.85
		0-80°	43069.92	92.04
		0-90°	46255.49	98.85



DISTANCE	CENTER Fc	BEAM WIDTH
3.3ft	456	2.6ft
6.7ft	111	5.4ft
10.0ft	49.6	8.0ft
13.3ft	28.1	10.6ft
16.7ft	17.8	13.4ft
20.0ft	12.4	16.0ft
Vert. spread		43.6°
Horiz. spread		123.1°

Lumen output varies with CCT and CRI; use the adjustment factors above.

Sensors

Bluetooth Sensors ARIA PLUS · BLE

Fixture-integrated sensors

Product	Detection type	Detection range	Bluetooth range	Dimming protocol	Installation
 EFS106-AUX-W High bay · outdoor	PIR	40–80ft	328ft	0-10V Dimming	Plug-in – AUX base

Non-Bluetooth Sensors set up by IR remote

Product	Detection type	Detection range	Set-up	Dimming protocol	Installation
 AE-IL-SB2-CA-MS High bay · IP65 Remote control AE-IL-SB2-CA-REMOTE-CTRL	Microwave	13–40ft	IR remote	0-10V Dimming	Plug-in – sensor port

Please refer to spec sheet for exact specifications for all items above.