

ZORRO ELITE BLACK

The next generation of area lights at ~150lm/W, for dealerships, retail and campus parking: selectable power and CCT, multiple mountings and distributions, a standard 3-pin NEMA base and 20kV SPD.

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	70 CRI
CCT	3000K · 4000K · 5000K
Efficacy	~150lm/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 · cooling fins
Lens	High transmittance polycarbonate
Protection	IP65 · IK08 · 20KV surge protector
Controls	Motion sensor · Photocell

Certifications

Listings	UL · DLC Premium · RoHS
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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
10500/15000/22500lm

-300W

200/240/300W
30000/36000/45000lm

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

Adjustable direct
mount



-C

Yoke mount

-D

No mounting



-E

U-bracket
floodlight mount

07 FINISH



-BLK

Black

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 bronze finish refer to the Zorro Elite 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

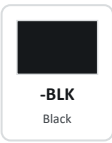
Compatible with
70/100/150W

-300W

Compatible with
200/240/300W

04

FINISH



-BLK

Black

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.

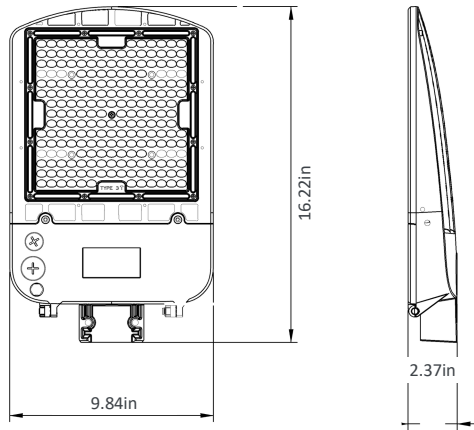
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eralux®

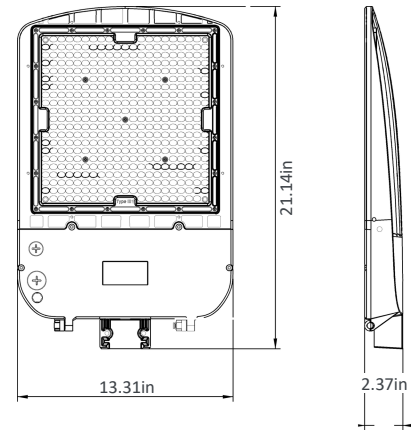
03 / 10

Dimensions

Without Bracket

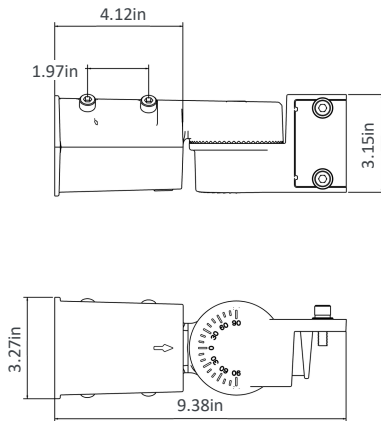


80-100-150W



200-240-300W

Slip Fitter



Slip fitter

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



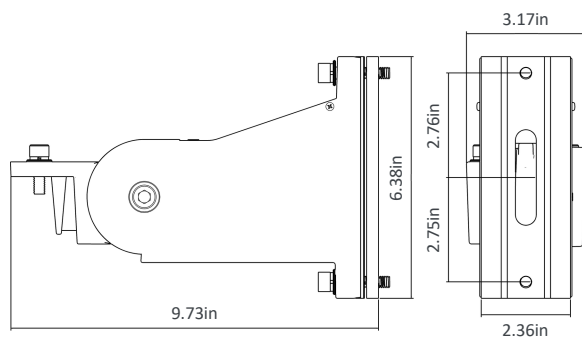
Pole entry

2.15in min inner diameter · 2.6in max inner diameter

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

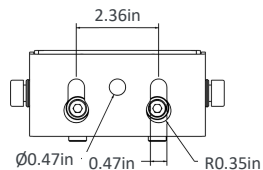
Dimensions

Direct Bracket and Yoke Mount



Direct bracket

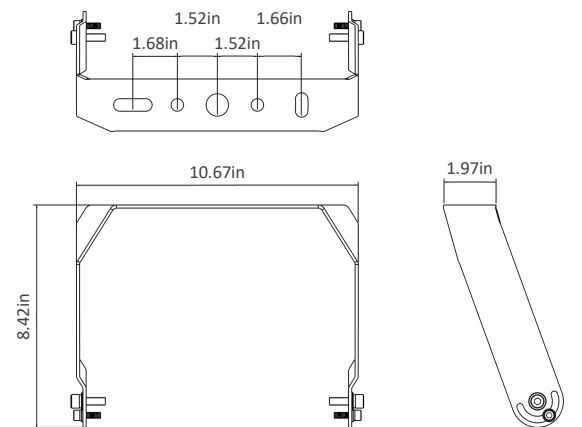
Installed on surface, wall, round or square pole, adjustable tilt $\pm 75^\circ$



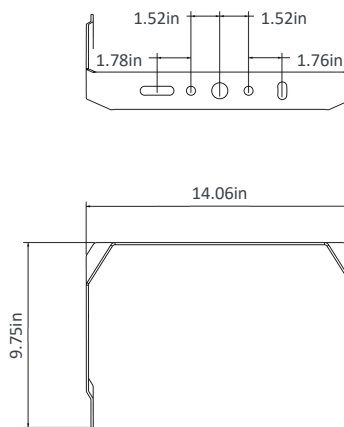
Yoke mount

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

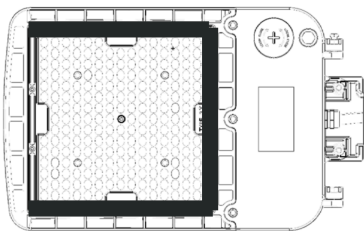
Optical Shield

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

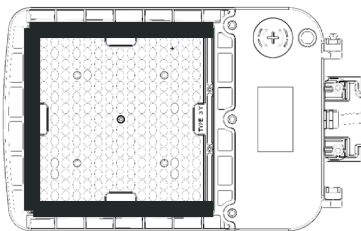


4in depth optical shield designed to reduce glare and light spill, blocking the light either forward, backward or sideways. This helps to minimize light pollution by directing light downward or toward specific areas.

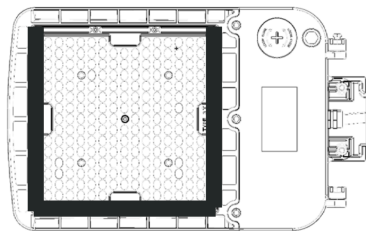
Installation



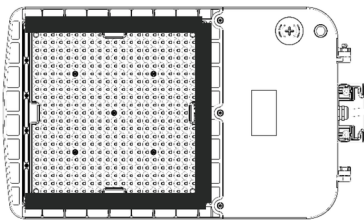
Back shield
150W



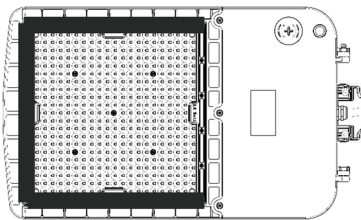
Forward shield
150W



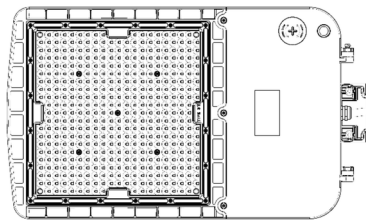
Side shield
150W



Back shield
300W



Forward shield
300W



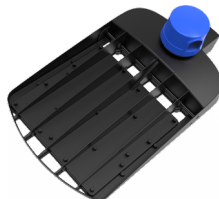
Side shield
300W

Controls

Photocell

Order code	AE-OD-ZRE-PHOTOCELL
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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)

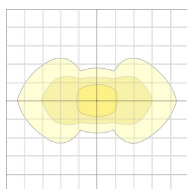
POWER	SLIP FITTER	DIRECT BRACKET	YOKE MOUNT	U-BRACKET
100W · 150W	1.6387ft ²	1.85ft ²	1.61ft ²	2.15ft ²
200W · 300W	2.6587ft ²	2.87ft ²	2.63ft ²	3.64ft ²

DLC Qualified Models

DLC	PRODUCT ID	MODEL NUMBER	CATEGORY	CLASS
5.1	S-V6YJPY	AE-OD-ZRE-150W-CA-[D,P,MS]-T2-[A,B,C,D,E]-[BLK,Blank]	Outdoor	Premium
5.1	S-PP2XQJ	AE-OD-ZRE-150W-CA-[D,P,MS]-T3-[A,B,C,D,E]-[BLK,Blank]	Outdoor	Premium
5.1	S-S11MQ7	AE-OD-ZRE-150W-CA-[D,P,MS]-T4-[A,B,C,D,E]-[BLK,Blank]	Outdoor	Premium
5.1	S-HGCTF0	AE-OD-ZRE-150W-CA-[D,P,MS]-T5-[A,B,C,D,E]-[BLK,Blank]	Outdoor	Premium
5.1	S-CJ8BG4	AE-OD-ZRE-300W-CA-[D,P,MS]-T2-[A,B,C,D,E]-[BLK,Blank]	Outdoor	Premium
5.1	S-PM3D83	AE-OD-ZRE-300W-CA-[D,P,MS]-T3-[A,B,C,D,E]-[BLK,Blank]	Outdoor	Premium
5.1	S-K429R2	AE-OD-ZRE-300W-CA-[D,P,MS]-T4-[A,B,C,D,E]-[BLK,Blank]	Outdoor	Premium
5.1	S-S7Z5VR	AE-OD-ZRE-300W-CA-[D,P,MS]-T5-[A,B,C,D,E]-[BLK,Blank]	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.

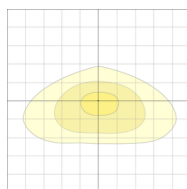
Distribution



-T2

Type 2

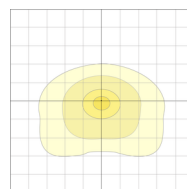
Wide symmetric illuminance pattern



-T3

Type 3

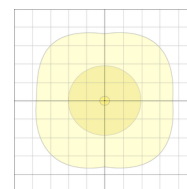
Wide slightly forward asymmetric illuminance pattern



-T4

Type 4

Wide more forward asymmetric illuminance pattern



-T5

Type 5

Symmetrical circular illuminance pattern

Photometric Data

Lumen Estimate Adjustment Factors

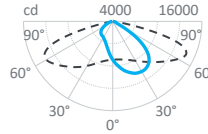
3000K $\times 0.96$ 4000K $\times 1.00$ 5000K $\times 1.03$

Lumen output varies with CCT and CRI; use the Lumen Estimate Adjustment Factors.

AE-OD-ZRE-300W

TYPE 2 · 200W

		ZONE	LUMENS	% FIXTURE
		0-20°	2645.59	8.38
Wattage	212.3W	0-30°	6054.81	19.18
CCT	5000K	0-40°	10934.00	34.64
Distribution	T2	0-60°	23355.34	73.98
		0-80°	30653.36	97.10
		0-90°	30948.18	98.04

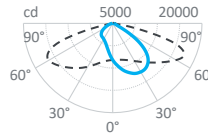


DISTANCE	CENTER Fc	BEAM WIDTH
8.3ft	99.7	10.5ft
16.7ft	24.6	21.2ft
25.0ft	11.0	31.7ft
33.3ft	6.19	42.3ft
41.7ft	3.95	52.9ft
50.0ft	2.75	63.5ft
Vert. spread		64.8°
Horiz. spread		144.3°

AE-OD-ZRE-300W

TYPE 2 · 300W

		ZONE	LUMENS	% FIXTURE
		0-20°	3167.59	8.33
Wattage	290W	0-30°	7275.33	19.13
CCT	5000K	0-40°	13180.17	34.66
Distribution	T2	0-60°	28249.76	74.29
		0-80°	36949.25	97.17
		0-90°	37274.04	98.03

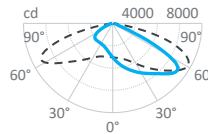


DISTANCE	CENTER Fc	BEAM WIDTH
8.3ft	119	10.5ft
16.7ft	29.4	21.2ft
25.0ft	13.1	31.7ft
33.3ft	7.39	42.2ft
41.7ft	4.71	52.8ft
50.0ft	3.28	63.3ft
Vert. spread		64.7°
Horiz. spread		145.1°

AE-OD-ZRE-150W

TYPE 3 · 150W

		ZONE	LUMENS	% FIXTURE
		0-20°	1206.36	5.85
Wattage	151.2W	0-30°	2838.90	13.77
CCT	5000K	0-40°	5383.92	26.12
Distribution	T3	0-60°	13804.84	66.98
		0-80°	19970.01	96.89
		0-90°	20208.87	98.05

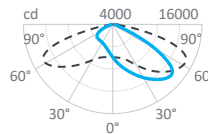


DISTANCE	CENTER Fc	BEAM WIDTH
3.3ft	279	3.5ft
6.7ft	67.7	7.1ft
10.0ft	30.4	10.6ft
13.3ft	17.2	14.1ft
16.7ft	10.9	17.7ft
20.0ft	7.60	21.2ft
Vert. spread		55.9°
Horiz. spread		136.1°

AE-OD-ZRE-300W

TYPE 3 · 300W

		ZONE	LUMENS	% FIXTURE
		0-20°	2360.06	5.98
Wattage	298.8W	0-30°	5649.20	14.31
CCT	5000K	0-40°	10913.47	27.65
Distribution	T3	0-60°	27374.07	69.34
		0-80°	38213.53	96.80
		0-90°	38708.17	98.05



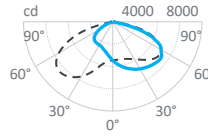
DISTANCE	CENTER Fc	BEAM WIDTH
3.3ft	540	3.4ft
6.7ft	131	7.0ft
10.0ft	58.9	10.4ft
13.3ft	33.3	13.9ft
16.7ft	21.1	17.4ft
20.0ft	14.7	20.9ft
Vert. spread		55.1°
Horiz. spread		139.8°

Photometric Data

AE-OD-ZRE-150W

TYPE 4 · 150W

		ZONE	LUMENS	% FIXTURE
		0-20°	1358.43	7.04
Wattage	149.7W	0-30°	3183.85	16.51
CCT	5000K	0-40°	5889.03	30.53
Distribution	T4	0-60°	13284.57	68.87
		0-80°	18632.50	96.60
		0-90°	18911.70	98.04

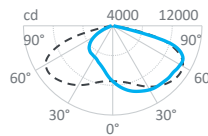


DISTANCE	CENTER Fc	BEAM WIDTH
3.3ft	318	6.3ft 15.8ft
6.7ft	77.1	12.8ft 32.2ft
10.0ft	34.6	19.1ft 48.0ft
13.3ft	19.6	25.4ft 63.9ft
16.7ft	12.4	31.9ft 80.2ft
20.0ft	8.65	38.2ft 96.0ft
Vert. spread		87.4°
Horiz. spread		134.8°

AE-OD-ZRE-300W

TYPE 4 · 300W

		ZONE	LUMENS	% FIXTURE
		0-20°	2876.06	7.29
Wattage	290W	0-30°	6569.33	16.65
CCT	5000K	0-40°	11819.88	29.96
Distribution	T4	0-60°	25876.93	65.60
		0-80°	37900.93	96.08
		0-90°	38690.89	98.08

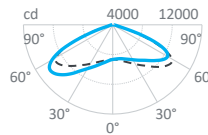


DISTANCE	CENTER Fc	BEAM WIDTH
3.3ft	683	7.4ft 14.4ft
6.7ft	166	15.1ft 29.3ft
10.0ft	74.4	22.5ft 43.7ft
13.3ft	42.1	29.9ft 58.1ft
16.7ft	26.7	37.6ft 72.9ft
20.0ft	18.6	45.0ft 87.4ft
Vert. spread		96.7°
Horiz. spread		130.8°

AE-OD-ZRE-300W

TYPE 5 · 200W

		ZONE	LUMENS	% FIXTURE
		0-20°	1889.09	5.88
Wattage	212.9W	0-30°	4519.79	14.07
CCT	5000K	0-40°	8693.86	27.07
Distribution	T5	0-60°	22763.54	70.87
		0-80°	31221.68	97.21
		0-90°	31500.74	98.08

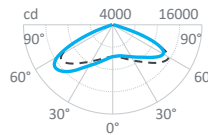


DISTANCE	CENTER Fc	BEAM WIDTH
8.3ft	67.6	8.6ft 20.5ft
16.7ft	16.7	17.4ft 41.3ft
25.0ft	7.45	26.0ft 61.8ft
33.3ft	4.20	34.6ft 82.3ft
41.7ft	2.68	43.3ft 103.1ft
50.0ft	1.86	52.0ft 123.6ft
Vert. spread		54.9°
Horiz. spread		102.1°

AE-OD-ZRE-300W

TYPE 5 · 300W

		ZONE	LUMENS	% FIXTURE
		0-20°	2322.38	5.90
Wattage	290.2W	0-30°	5559.49	14.12
CCT	5000K	0-40°	10702.46	27.19
Distribution	T5	0-60°	28001.70	71.14
		0-80°	38274.45	97.24
		0-90°	38606.60	98.08



DISTANCE	CENTER Fc	BEAM WIDTH
3.3ft	525	3.4ft 8.3ft
6.7ft	127	6.8ft 16.9ft
10.0ft	57.2	10.2ft 25.3ft
13.3ft	32.3	13.6ft 33.6ft
16.7ft	20.5	17.0ft 42.2ft
20.0ft	14.3	20.4ft 50.5ft
Vert. spread		54.0°
Horiz. spread		103.2°

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.