

ZORRO MAX

High-output area lighting at 300, 400 or 500W extends the Zorro family. ZORRO MAX brings selectable power and CCT, multiple mounting options and T3, T4 and T5 distributions, with a 3-pin NEMA base and 20kV SPD standard on every fixture.

Auto Dealership

Retail

Commercial

Campus Parking



Project Information

Type: Date:
 Project:
 Catalog #:
 Notes:



Key Specifications

Electrical

Input voltage	120-277/347V
Power factor	>0.9
THD	<20%
Dimming	0-10V dimming
Power	300 · 400 · 500W

Optical

CRI	80CRI
CCT	3000K · 4000K · 5000K
Efficacy	~135-150lm/W
Lens	Polycarbonate, high transmittance
Distribution	T3 · T4 · T5

Physical

Mounting	Wall · Surface · Round / square pole
Brackets	Slip fitter · Direct · Yoke · U-bracket
Housing	Aluminum die cast with fins
Finish	Bronze
Ambient	-40°C to 50°C
Protection	IP65 · IK08 · 20kV surge protector
Controls	Motion sensor · 120-347V photocell
Accessories	Back shield · Side shields

Certifications

Listings	UL · 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-ZRX

Catalog #:

01 FIXTURE FAMILY



AE-OD-ZRX

ERALUX Zorro Max outdoor area light

02 POWER | CCT

-500W

500/400/300W
75000/60000/45000lm

Power switchable

3000/4000/5000K CCT switchable

03 VOLTAGE

-CA

120-277/347V

04 CONTROL

-D

0-10V dimming

-P

Photocell

-MS

Motion sensor

05 DISTRIBUTION



-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



-BZ

Bronze
RAL 8019

1. Fixture is supplied with 3-pin receptacle and shorting cap by default. 2. If other receptacle is desired, please contact factory.

Accessory Ordering Guide

Shields

[RESET](#)

OD-ZRX

Catalog #:

01

ACCESSORY FAMILY



OD-ZRX

OD-ZRX

ERALUX Zorro Max outdoor area light

02

ACCESSORY



-BSH

Back shield



-SSHR

Right side shield



-SSHL

Left side shield

03

FINISH



Blank

Bronze

1. Shields are ordered separately, if needed.

Controls

[RESET](#)

Catalog #:

01

CONTROL



AE-OD-ZRE-PHOTOCELL

Photocell



AE-OD-ZRE-MOTIONSENSOR

Plug-in microwave motion sensor

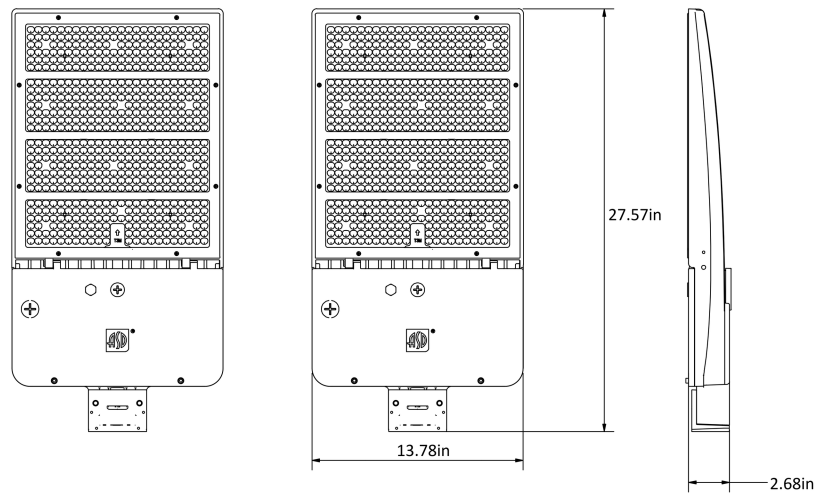
Shield drawings are on page 05; photocell and motion sensor details are on page 06.

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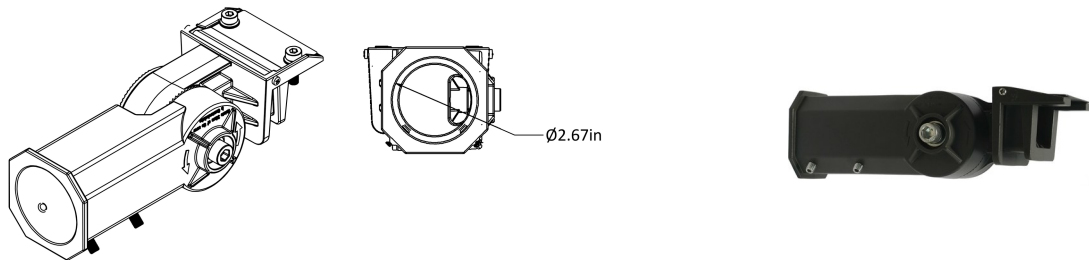
eralux® 03 / 10

Dimensions

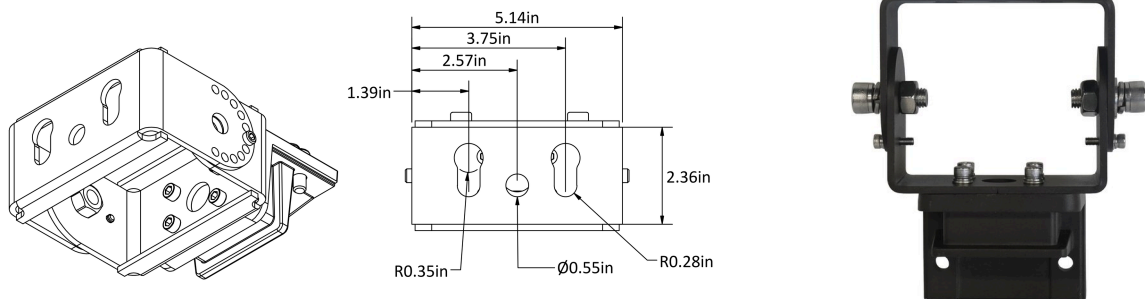
Zorro Max 300-400-500W



Adjustable Slip Fitter



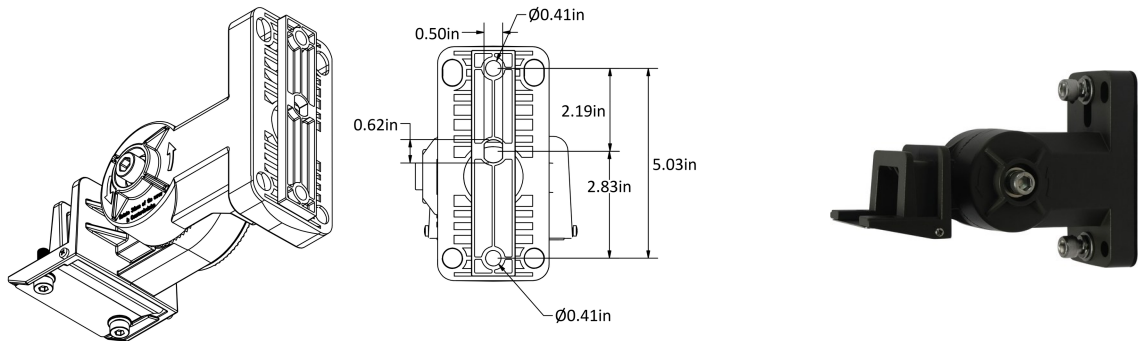
Yoke



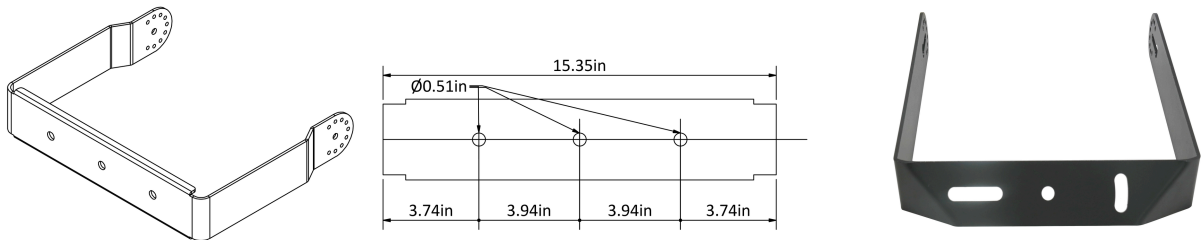
Bracket drilling patterns. All dimensions in inches. [Install Instruction link](#)

Dimensions

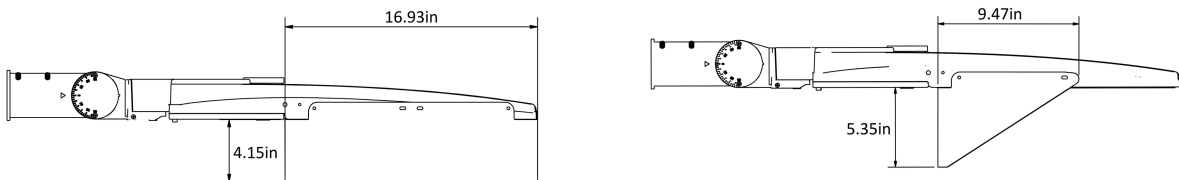
Adjustable Direct Mount



U-Bracket



Shields



OD-ZRX-SSHR / -SSHL Side shield

OD-ZRX-BSH Back shield

Bracket drilling patterns. All dimensions in inches.

Controls

Photocell

Order code

AE-OD-ZRE-PHOTOCELL

Photocell providing the fixture the feature to automatically turn on or off depending on sunlight.



Motion Sensor

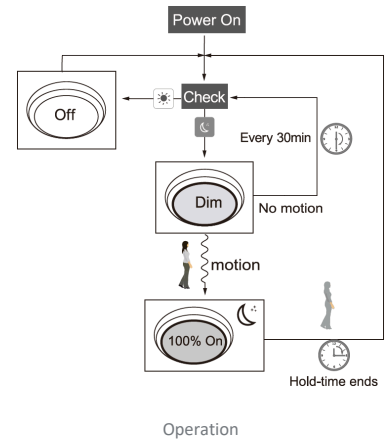
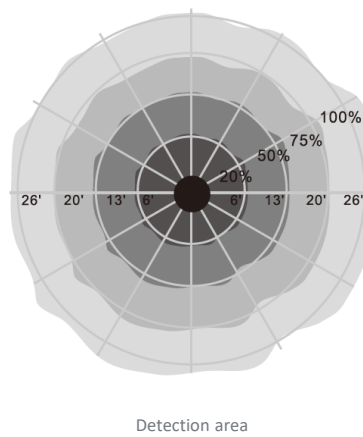
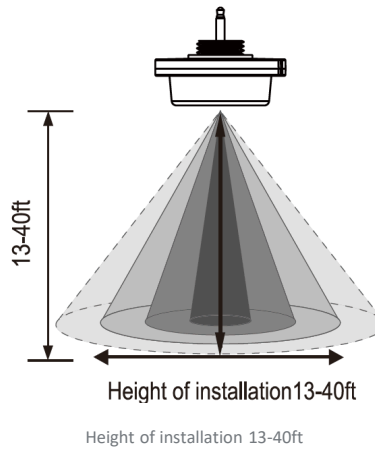
Order code

AE-OD-ZRE-MOTIONSENSOR

Microwave sensor. Plug-in microwave motion sensor. The light switches on at 100% when there is movement detected in a selected range. Light dims for a stand-by time after the hold time finishes. The light can stay on at dimming level in dark.



Operation and Coverage



Ratings & Distribution

B-U-G Rating

POWER	T3
300W · 400W · 500W	B5-U0-G5

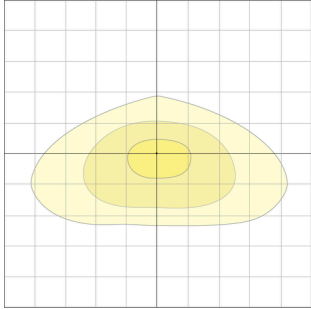
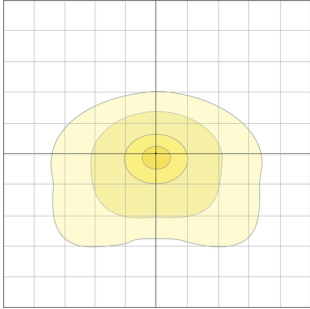
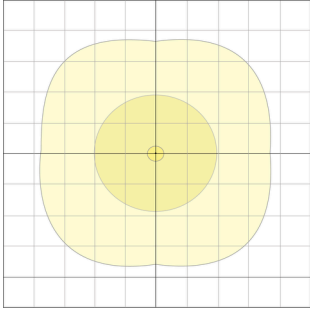
Weight

POWER	SLIP FITTER	DIRECT BRACKET	YOKE MOUNT
100W	5.28kg	5.61kg	5.01kg
150W	5.55kg	5.87kg	5.27kg

EPA (Effective Projected Area)

					
Single EPA 0.48	Double 180° EPA 0.94	Double 90° EPA 0.92	Triple 90° EPA 1.27	Triple 120° EPA 1.22	Quad 90° EPA 1.42

Distribution

		
-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

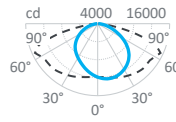
3000K $\times 0.94$ 4000K $\times 1$ 5000K $\times 1.03$

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

AE-OD-ZRX-500W-CA-X-T3-X-X

TYPE 3 · 300W

		ZONE	LUMENS	% FIXTURE
		0-20°	4490.79	9.08
Wattage	293.6W	0-30°	9894.46	20.00
CCT	4000K	0-40°	16974.00	34.31
Distribution	T3	0-60°	33582.02	67.87
		0-80°	47054.09	95.10
		0-90°	48558.93	98.14

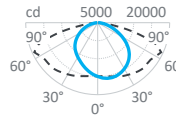


DISTANCE	CENTER Fc	BEAM WIDTH
4.3ft	642	12.4ft 35.7ft
8.7ft	157	25.1ft 72.3ft
13.0ft	70.3	37.5ft 108.0ft
17.3ft	39.7	49.9ft 143.8ft
21.7ft	25.2	62.6ft 180.3ft
26.0ft	17.6	75.0ft 216.1ft
Vert. spread		110.5°
Horiz. spread		152.9°

AE-OD-ZRX-500W-CA-X-T3-X-X

TYPE 3 · 400W

		ZONE	LUMENS	% FIXTURE
		0-20°	5640.81	9.07
Wattage	386W	0-30°	12431.71	19.99
CCT	4000K	0-40°	21347.08	34.33
Distribution	T3	0-60°	42319.18	68.06
		0-80°	59297.89	95.36
		0-90°	61150.33	98.34

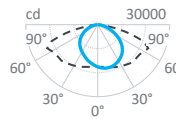


DISTANCE	CENTER Fc	BEAM WIDTH
4.3ft	807	12.4ft 35.3ft
8.7ft	197	25.0ft 71.5ft
13.0ft	88.3	37.4ft 106.8ft
17.3ft	49.9	49.8ft 142.2ft
21.7ft	31.7	62.4ft 178.3ft
26.0ft	22.1	74.8ft 213.7ft
Vert. spread		110.4°
Horiz. spread		152.6°

AE-OD-ZRX-500W-CA-X-T3-X-X

TYPE 3 · 500W

		ZONE	LUMENS	% FIXTURE
		0-20°	6650.62	9.05
Wattage	471.2W	0-30°	14666.95	19.96
CCT	4000K	0-40°	25198.63	34.29
Distribution	T3	0-60°	50055.67	68.12
		0-80°	70195.79	95.52
		0-90°	72355.03	98.46



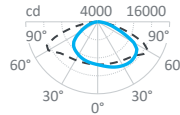
DISTANCE	CENTER Fc	BEAM WIDTH
4.3ft	950	12.4ft 35.0ft
8.7ft	232	25.1ft 70.7ft
13.0ft	104	37.5ft 105.7ft
17.3ft	58.7	50.0ft 140.6ft
21.7ft	37.3	62.7ft 176.4ft
26.0ft	26.0	75.1ft 211.4ft
Vert. spread		110.6°
Horiz. spread		152.4°

Photometric Data

AE-OD-ZRX-500W-CA-X-T3-X-X

TYPE 4 · 300W

		ZONE	LUMENS	% FIXTURE
		0-20°	3654.60	7.86
Wattage	287.1W	0-30°	8207.60	17.66
CCT	4000K	0-40°	14466.40	31.13
Distribution	T4	0-60°	31042.58	66.80
		0-80°	44712.82	96.22
		0-90°	46048.97	99.10

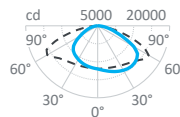


DISTANCE	CENTER Fc	BEAM WIDTH	
4.3ft	515	15.6ft	24.5ft
8.7ft	126	31.5ft	49.6ft
13.0ft	56.3	47.1ft	74.1ft
17.3ft	31.8	62.7ft	98.7ft
21.7ft	20.2	78.6ft	123.8ft
26.0ft	14.1	94.2ft	148.3ft
Vert. spread			122.2°
Horiz. spread			141.4°

AE-OD-ZRX-500W-CA-X-T3-X-X

TYPE 4 · 400W

		ZONE	LUMENS	% FIXTURE
		0-20°	4598.47	7.80
Wattage	379W	0-30°	10345.76	17.56
CCT	4000K	0-40°	18294.60	31.05
Distribution	T4	0-60°	39499.96	67.03
		0-80°	56751.39	96.31
		0-90°	58397.72	99.10

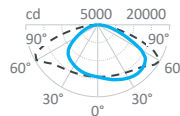


DISTANCE	CENTER Fc	BEAM WIDTH	
4.3ft	647	15.4ft	24.0ft
8.7ft	158	31.2ft	48.6ft
13.0ft	70.8	46.5ft	72.6ft
17.3ft	40.0	61.9ft	96.6ft
21.7ft	25.4	77.7ft	121.2ft
26.0ft	17.7	93.1ft	145.2ft
Vert. spread			121.6°
Horiz. spread			140.6°

AE-OD-ZRX-500W-CA-X-T3-X-X

TYPE 4 · 500W

		ZONE	LUMENS	% FIXTURE
		0-20°	5544.39	7.81
Wattage	470.7W	0-30°	12462.13	17.55
CCT	4000K	0-40°	22013.73	31.00
Distribution	T4	0-60°	47481.93	66.85
		0-80°	68371.33	96.27
		0-90°	70380.24	99.10

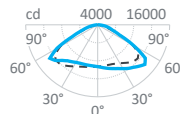


DISTANCE	CENTER Fc	BEAM WIDTH	
4.3ft	781	15.5ft	24.2ft
8.7ft	191	31.4ft	49.0ft
13.0ft	85.4	46.9ft	73.2ft
17.3ft	48.2	62.4ft	97.4ft
21.7ft	30.7	78.2ft	122.1ft
26.0ft	21.4	93.7ft	146.3ft
Vert. spread			122.0°
Horiz. spread			140.9°

AE-OD-ZRX-500W-CA-X-T3-X-X

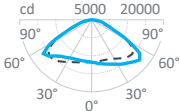
TYPE 5 · 300W

		ZONE	LUMENS	% FIXTURE
		0-20°	3609.09	7.55
Wattage	285.2W	0-30°	8251.49	17.27
CCT	4000K	0-40°	15083.36	31.57
Distribution	T5	0-60°	35633.02	74.58
		0-80°	46705.47	97.75
		0-90°	47350.07	99.10



DISTANCE	CENTER Fc	BEAM WIDTH	
4.3ft	503	17.4ft	11.6ft
8.7ft	123	35.1ft	23.5ft
13.0ft	55.0	52.5ft	35.1ft
17.3ft	31.0	69.9ft	46.7ft
21.7ft	19.7	87.6ft	58.6ft
26.0ft	13.7	105.0ft	70.2ft
Vert. spread			127.3°
Horiz. spread			106.9°

Photometric Data

AE-OD-ZRX-500W-CA-X-T3-X-X					DISTANCE		CENTER Fc	BEAM WIDTH	
TYPE 5 · 400W	ZONE	LUMENS	% FIXTURE						
	0-20°	4566.31	7.54		4.3ft	636	17.4ft	11.6ft	
Wattage	376W	0-30°	10445.56	17.26	8.7ft	155	35.1ft	23.5ft	
CCT	4000K	0-40°	19106.33	31.57	13.0ft	69.5	52.5ft	35.1ft	
Distribution	T5	0-60°	45135.09	74.57	17.3ft	39.3	69.9ft	46.8ft	
	0-80°	59161.59	97.74		21.7ft	25.0	87.7ft	58.6ft	
	0-90°	59982.24	99.10		26.0ft	17.4	105.0ft	70.3ft	
					Vert. spread			127.3°	
					Horiz. spread			107.0°	

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

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