

ZORRO ELITE

OUTDOOR PRODUCTS

Outdoor area light



The ZORRO ELITE series is the next generation of area lights. This fixture has selectable power and CCT. It also features different mounting methods and a variety of light distribution patterns, which will allow you to tailor your outdoor lighting requirements. Our fixture comes standard with a 3 pin NEMA base as well as a 20KV SPD.

DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-OD-ZRE - W -CA - -T -

OPERATING & ELECTRICAL

INPUT VOLTAGE	120-347 V
POWER FACTOR	0.9
DIMMING	0 – 10 V dimming
TOTAL HARMONIC DISTORTION (THD)	<20%

PERFORMANCE

LUMENS PER WATT	~130 LPW at 80CR
POWER CONSUMPTION	70/100/150W and 200/240/300W
DISTRIBUTION	Type 2 Type 3 Type 4 Type 5

MECHANICAL & HOUSING

HOUSING	Aluminum die cast housing for superior heat dissipation, strength, and rigidity critical to long LED system life.
LENS	Highly durable polycarbonate lens ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare. High transmittance lens allowing for a smooth, diffused light pattern.
FINISH	Bronze powder coat fade and abrasion resistant finish for the toughest outdoor conditions.
POWER SUPPLY	Factory wired electronic LED driver
LED BOARD	Discrete LED Chips

APPLICATION CONDITION

AMBIENT TEMPERATURE RANGE	-40°C to 45°C
PROTECTION	Fixture and driver IP65 rated, IK08 impact resistance
SURGE PROTECTION	6kV line to ground, 6kV line to line

COMPATIBLE MOUNTING

MOUNTING	Direct, Slip fitter Trunnion (Yoke mounting) U Bracket Floodlight mount
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WARRANTY

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 a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

LUMEN MAINTENANCE – L70 at 50,000 hours

Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES)



"DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified"

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ORDERING GUIDE



FIXTURE FAMILY	POWER	VOLTAGE	CONTROLS	DISTRIBUTION	MOUNTING TYPE
AE-OD-ZRE	- W	-CA	-	-T	-
AE-OD-ZRE ERALUX ZORRO ELITE Series Outdoor Area Light fixture in Bronze Finish	-150W* 70/100/150W power selectable; 9,100/13,000/19,500 lumens; 3000K/4000K/5000K** CCT switchable	-CA 120 – 347 V input voltage range	-D 0-10V dimming	-T3 Type 3	-A Slip Fitter
			-P photocell	-T4 Type 4	-B Direct mount
	-300W* 200/240/300W power selectable; 26,000/31,200/39,000 lumens; 3000K/4000K/5000K ** CCT switchable		-MS Motion sensor	-T5 Type 5	-C Yoke mount
					-D No Mounting

*Static power available upon request – Lumen output will remain the same for the listed power

**Static CCT available upon request – Lumen output will remain the same for the listed power

ACCESSORIES

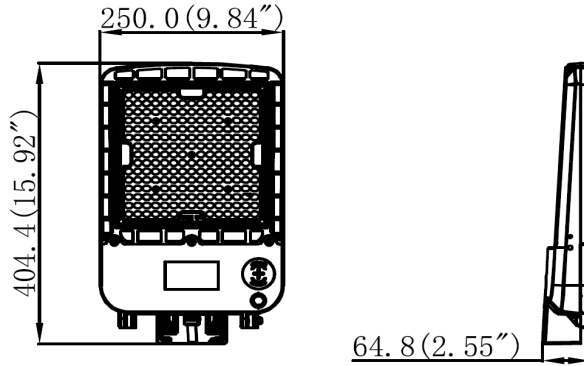
Ordered separately, field installed

PART NUMBER	DESCRIPTION	PICTURE
AE-OD-ZRE-PHOTOCELL	Photocell providing fixture the feature to automatically turn on or off depending on sunlight	
AE-OD-ZRE-MOTIONSENSOR	Remote control sensor that allows to activate timer, control dimming as well as activate or deactivate motion feature	

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PRODUCT DIMENSIONS (in mm / inches)

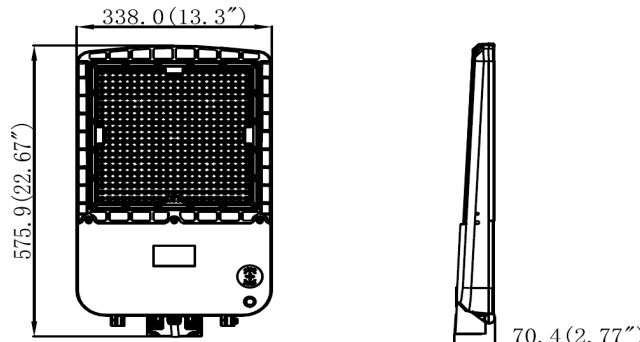
AE-OD-ZRE-150W-CA-X-TX-X



EPA: 1.704

EPA: 0.384

AE-OD-ZRE-300W-CA-X-TX-X



EPA: 2.508

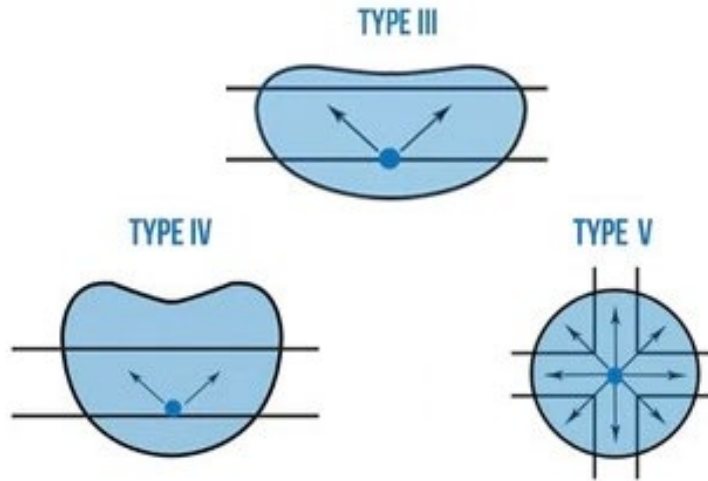
EPA: 0.528

B-U-G RATING

POWER	DISTRIBUTIION	B-U-G	POWER	DISTRIBUTIION	B-U-G
70W	T3	B3-U2-G3	200W	T3	B4-U3-G3
	T4	B3-U2-G3		T4	B3-U3-G3
	T5	B3-U2-G3		T5	B5-U3-G3
100W	T3	B3-U3-G3	240W	T3	B4-U3-G4
	T4	B3-U2-G3		T4	B4-U3-G4
	T5	B4-U3-G3		T5	B4-U3-G4
150W	T3	B3-U2-G3	300W	T3	B4-U3-G4
	T4	B3-U3-G3		T4	B5-U3-G4
	T5	B4-U3-G4		T5	B5-U3-G5

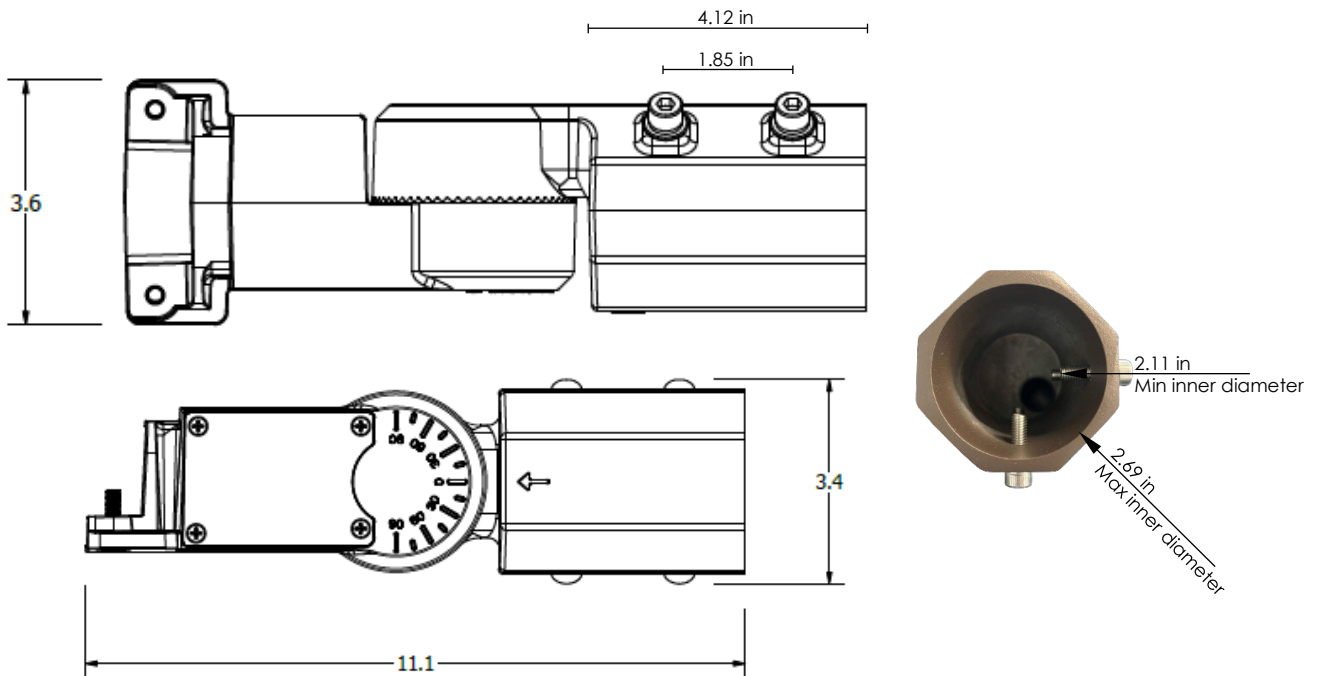
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LIGHT DISTRIBUTION



BRACKETS DIMENSIONS(IN INCHES)

TYPE A : SLIP FITTER



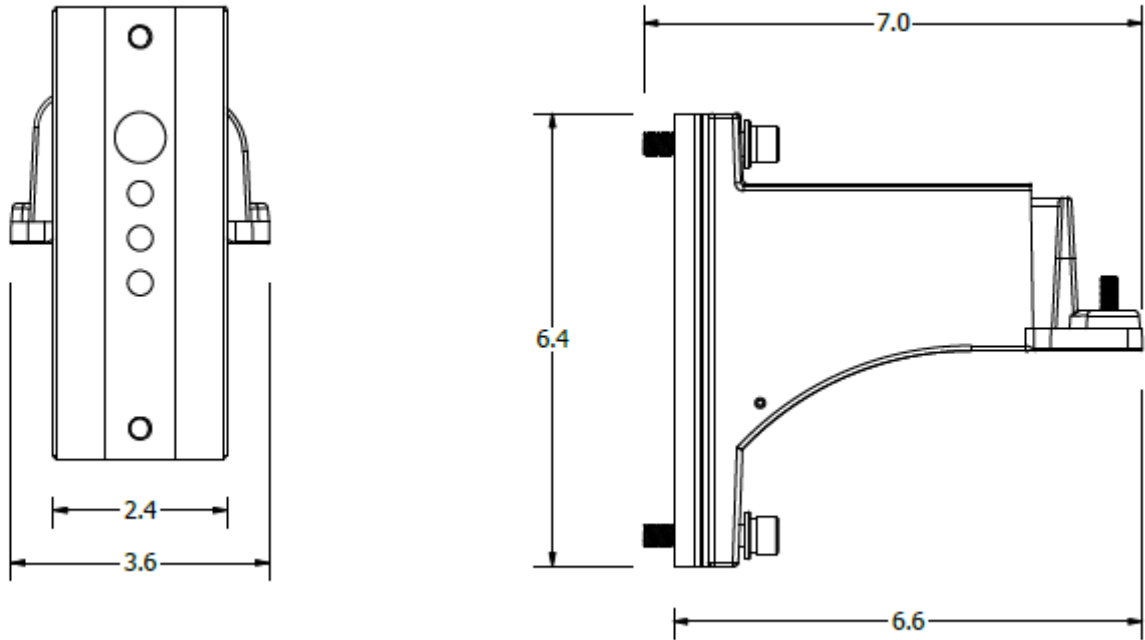
ZORRO ELITE

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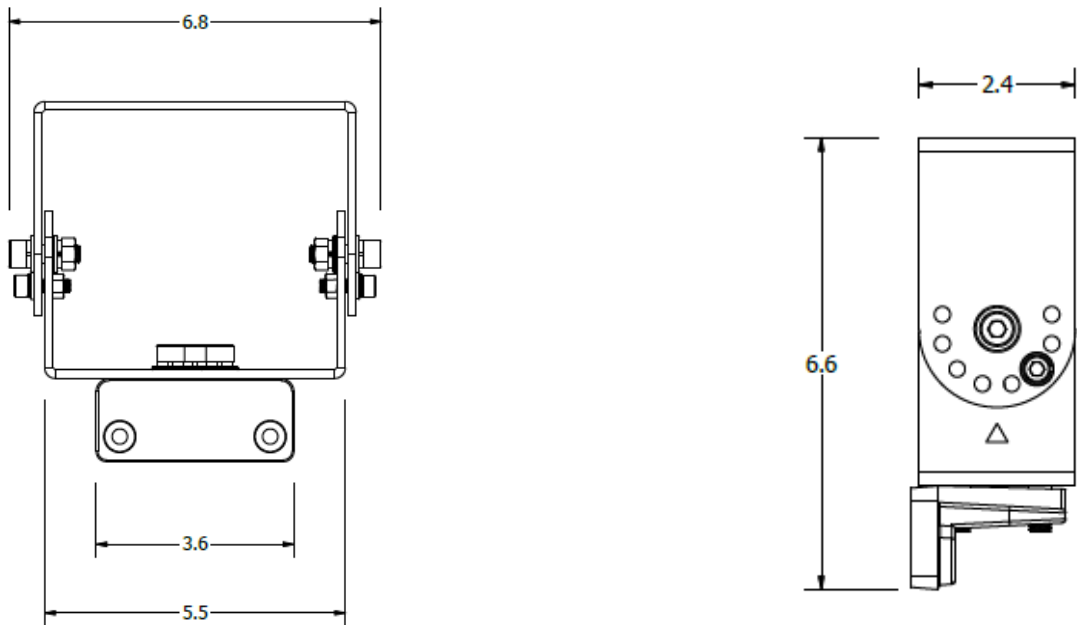
Outdoor Area Light

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TYPE B : DIRECT MOUNT

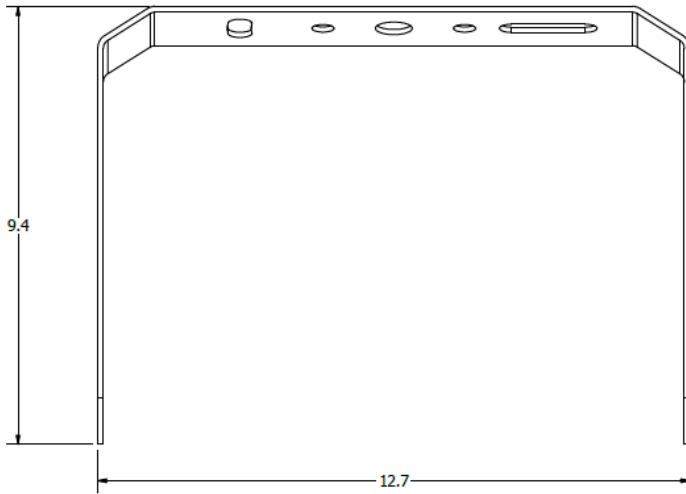


TYPE C : YOKE MOUNT

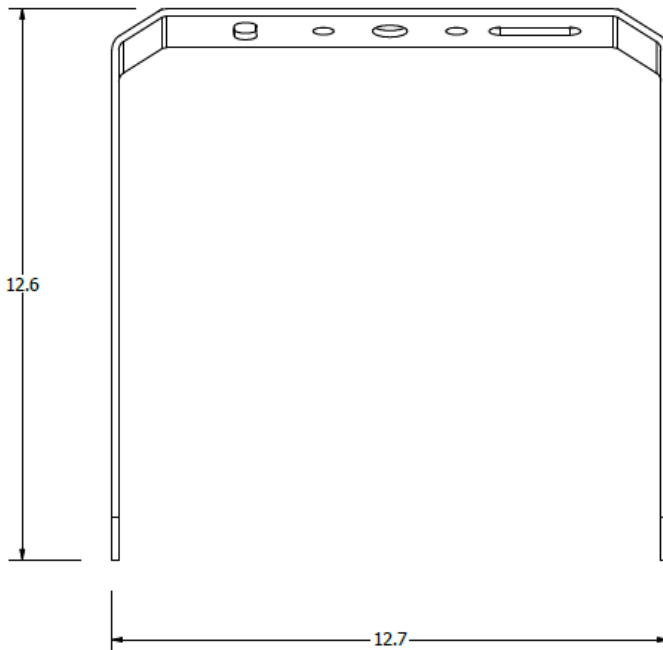


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TYPE E : U BRACKET FLOOD LIGHT MOUNT (150W)



TYPE E : U BRACKET FLOOD LIGHT MOUNT (300W)



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LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

LUMEN ESTIMATE ADJUSTMENT FACTORS

CCT	3000K	4000K	5000K
NORMAL (80CRI)	0.96	1.00	1.03

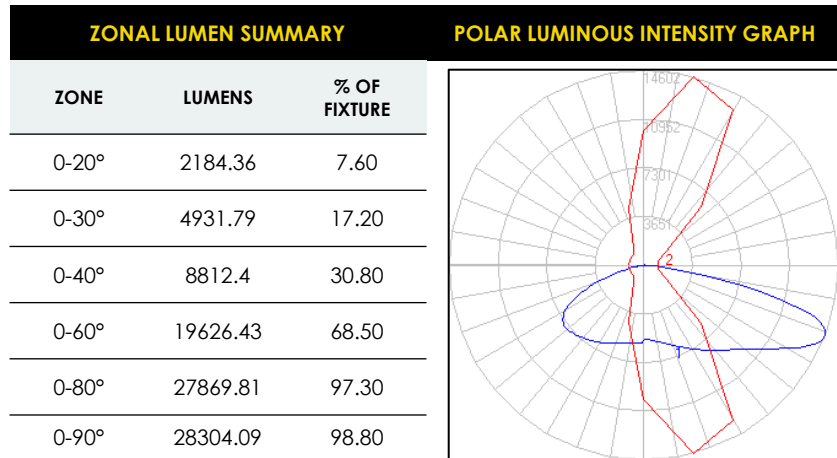
PHOTOMETRIC DATA

AE-OD-ZRE-300W-CA-X-
T3-X (200w & 5000k)

.200w

.5000k CCT

.TYPE 3 DISTRIBUTION

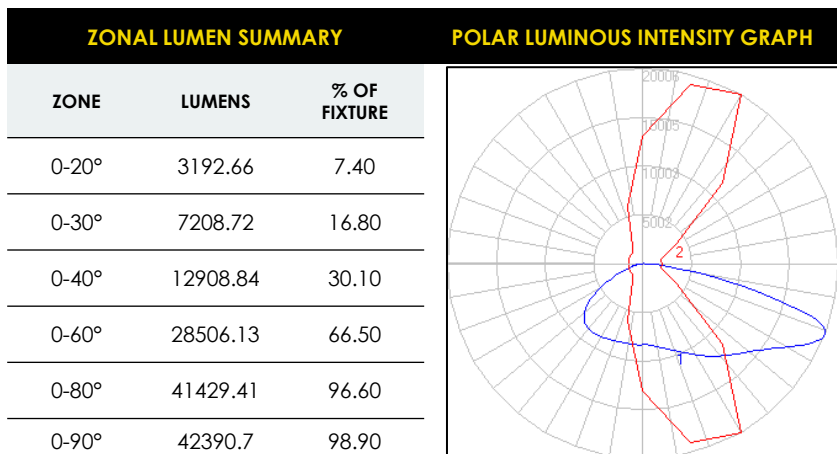


AE-OD-ZRE-300W-CA-X-
T3-X (300W & 5000K)

.300W

.5000K CCT

.TYPE 3 DISTRUBTION



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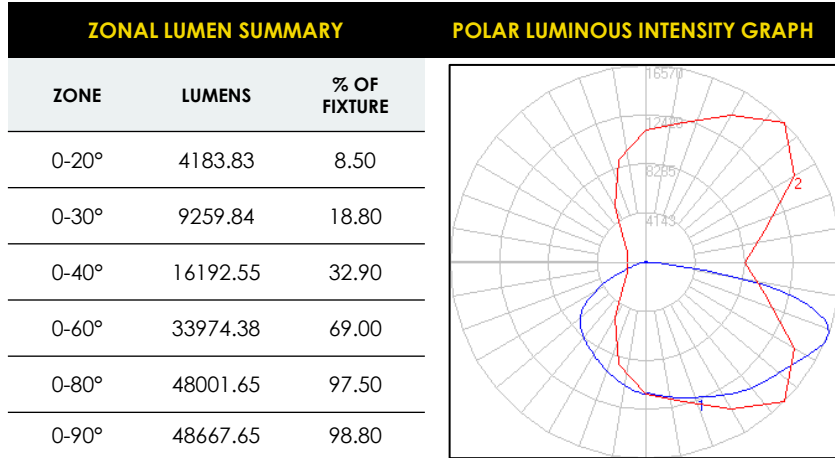
PHOTOMETRIC DATA

AE-OD-ZRE-300W-CA-X-T4-X (200w & 5000k)

.300w

.5000k CCT

.TYPE 4 DISTRIBUTION

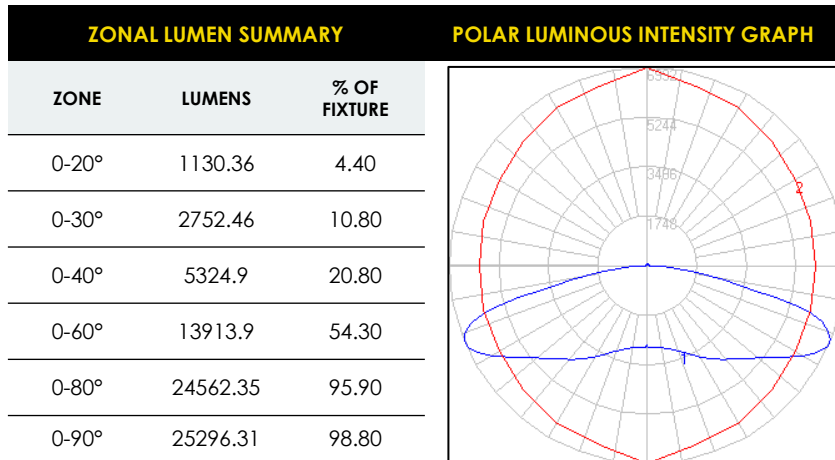


AE-OD-ZRE-300W-CA-X-T5-X (200W & 5000K)

.300W

.5000K CCT

. TYPE 5 DISTRIBUTION



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ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	LUMENS	% OF FIXTURE	
0-20°	1866.57	4.00	
0-30°	4270.9	9.10	
0-40°	7694.66	17.00	
0-60°	20517.36	43.80	
0-80°	43069.93	92.00	
0-90°	46255.49	98.00	

AE-OD-ZRE-300W-CA-X-T5-X (300W & 5000K)

.300W

.5000K CCT

. TYPE 5 DISTRUBTION

DIMMER COMPATIBILITY LIST

0-10V Dimmer
LUTRON DVSTV
LUTRON NTSTV-DV
LUTRON DVTV
LEVITON AWSMT-7DW
LEVITON DD710-BDZ
LEVITON DS710-10Z
LEGRAND WS4FBL3PTC
LEGRAND RH4FBL3PTC
COOPER SF10P
HUBBLE LHD-IRS3-N-WH

DLC MODELS

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

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OVERVIEW



MOUNTING METHOD

Select from slip fitter, direct, yoke and even U bracket flood mount to have the area light mounted however needed.

PROTECTION

Integrated surge protector, LED fixture and driver IP65 rated and IK08 protection allows the Zorro Elite to be protected against harsh environmental conditions.

PREMIUM DESIGN & MATERIALS

Aluminum die cast housing for superior thermal heat dissipation, strength, and rigidity. Due to the fins structure and airflow holes, this will allow better heat dissipation and prevent lens deforming and water breaking in.

SELECTIVITY

With selectable on field power and color temperature, this fixture enables you to customize your unique fixture to your project space.