

# KRANG

## OUTDOOR PRODUCTS BOLLARD

Krang is a square bollard with cone reflector flat head that features outstanding photometric performance, uniform illumination, low-profile design, high efficacy, long lifespan, and easy installation. It is made of die-cast aluminum housing with UV resistant powder coat finish offers outstanding corrosion protection. Shredded is designed for landscape lighting places, and it is suitable for all kinds of indoor and outdoor garden environment lighting. These fixtures are ideal for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities.



eralux®



DATE

PROJECT NAME

TYPE

QTY

ORDERING  
CODE

AE-OD-KR

-CA

-24W

-TCP

-70

-BK

### OPERATING & ELECTRICAL

INPUT VOLTAGE 120-347 Vac

POWER FACTOR 0.9

DIMMING 0-10V dimming

TOTAL HARMONIC  
DISTORTION (THD) <20%

### PERFORMANCE

LEMENS PER WATT 150 LPW at 70CRI

POWER  
CONSUMPTION 24/19/14W

BEAM ANGLE 360°

### MECHANICAL & HOUSING

SIZE 37" height

HOUSING Corrosion-resistant aluminum-cast housing

LENS polycarbonate lens with cone reflector

FINISH UV resistant powder coat Black finish offers outstanding corrosion Protection

### APPLICATION CONDITION

AMBIENT TEMPERATURE  
RANGE -40 °C to 45°C

PROTECTION IP65 rated  
Surge Protector 10KV

### COMPATIBLE MOUNTING

MOUNTING Concrete anchor mounted on aluminum-cast plate

### 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)

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## ORDERING GUIDE

EXAMPLE: AE-OD-KR-CA-24W-TCP-70-BK

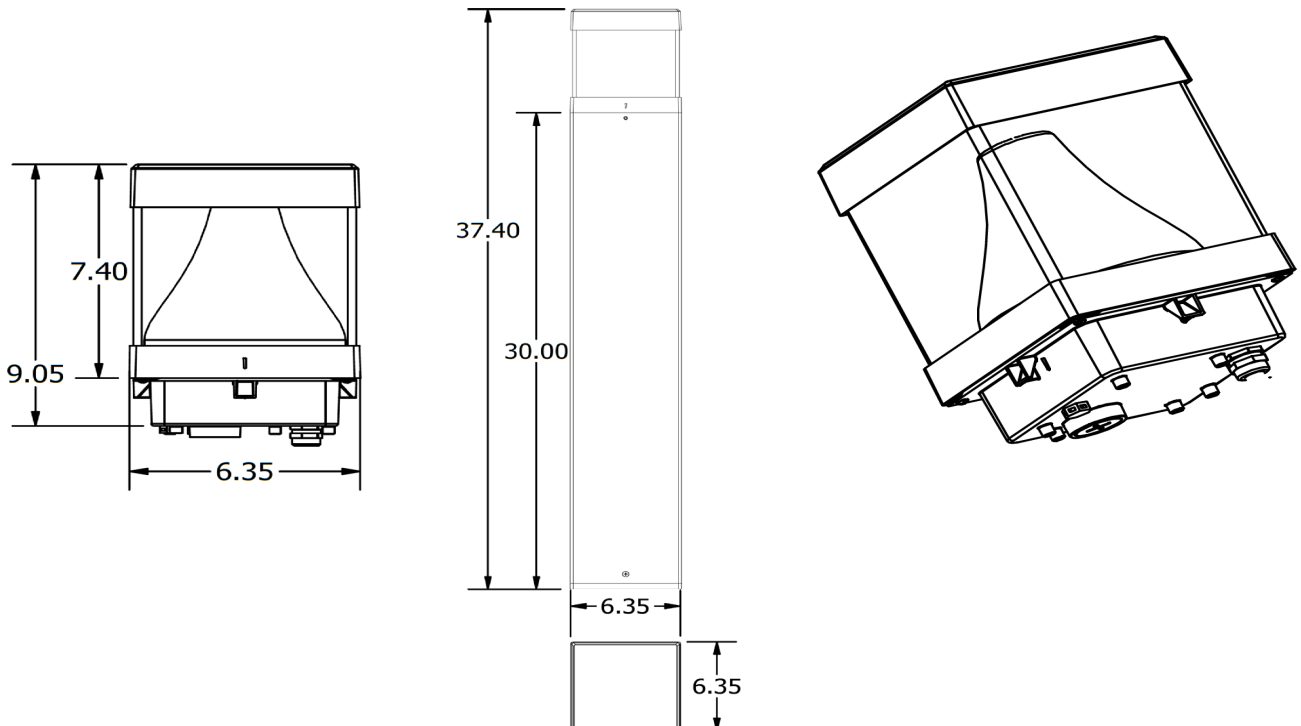
FIXTURE FAMILY	INPUT VOLTAGE	POWER	CCT	CRI	FINISH
<b>AE-OD-KR</b>	<b>-CA</b>	<b>-24W</b>	<b>-TCP</b>	<b>-70</b>	<b>-BK</b>
<b>AE-OD-KR</b> Outdoor products Krang Bollard Fixture	<b>-CA</b> 120-347Vac Input voltage range	<b>-24W</b> Power switchable 24/19/14W 3600/2850/2100lm	<b>-TCP</b> CCT Selectable 3000/4000/5000K	<b>-70</b> 70 CRI	<b>-BK</b> powder coat black

## DLC MODELS

PRODUCT ID	DLC MODEL
S-WK61V0	AE-OD-KR-CA-24W-TCP-Y-ZZ

## PRODUCT DIMENSIONS (in inches)

AE-OD-KR-CA-24W-TCP-70-BK



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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
70CRI	1	1.06	1.09

## PHOTOMETRIC DATA

AE-OD-KR-CA-24W-TCP-70-BK

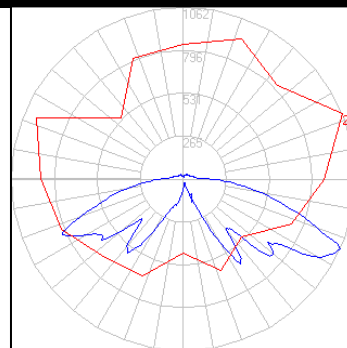
24 WATT

4000K CCT

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% OF FIXTURE
0-20°	57.23	1.7
0-30°	188.66	5.5
0-40°	500.7	14.5
0-60°	1488.67	43.2
0-80°	2824.68	81.9
0-90°	3128.84	90.7

### POLAR LUMINOUS INTENSITY GRAPH



DATE						
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## OVERVIEW

### MULTIPLE OPTIONS

Available in multiple CCT and power. It comes with 3 different selectable CCT 3000, 4000, and 5000K. Also, with three power selection; 14, 19 and 24W.



### INTEGRATED PHOTOCELL

This fixture comes with an integrated photocell. This saves energy by lighting the fixture in darkness.



### PREMIUM MATERIALS

This square bollard is made of die-cast aluminum housing for enhanced thermal heat dissipation and structural integrity.

### CORROSION RESISTANT FINISH

UV resistant powder coat finish offers outstanding corrosion protection.

### CONE REFLECTOR

the aluminum cone is designed to reflect the light coming from the led to the outside causing a uniform distribution.

