

# APEX BOLLARDS

Elegant bollards for gardens, walkways and pathways, with minimal glare and an integrated photocell. Three power options (14W, 19W, 24W), three CCTs and ~150lm/W, built to withstand harsh weather.

Garden

Industrial Park

Walkway

Pathway



## Key Specifications

### Electrical

|               |                 |
|---------------|-----------------|
| Input voltage | 120-277/347V    |
| Power factor  | >0.9            |
| THD           | <20%            |
| Dimming       | 0-10V dimming   |
| Power         | 14W   19W   24W |

### Optical

|              |                       |
|--------------|-----------------------|
| CRI          | 70 CRI                |
| CCT          | 3000K · 4000K · 5000K |
| Efficacy     | ~150lm/W              |
| Distribution | 360°                  |
| Lens         | Polycarbonate         |

### Physical

|              |                                                         |
|--------------|---------------------------------------------------------|
| Heads        | Casey · Shredder · Bebop<br>Baxter · Rocksteady · Krang |
| Mounting     | Concrete anchor mount                                   |
| Shaft height | 30in                                                    |
| Finish       | Black                                                   |
| Ambient      | -40°C to 45°C                                           |
| Protection   | IP65 · 10KV surge protector                             |

### 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**

Catalog #:

## 01 FIXTURE FAMILY



**AE-OD**

ERALUX Apex Bollard Series · 120-277/347V

## 02 BOLLARD HEAD



**-CS-CA**

Casey



**-SH-CA**

Shredder



**-BE-CA**

Bebop



**-BX-CA**

Baxter



**-RS-CA**

Rocksteady



**-KR-CA**

Krang

## 03 POWER

**-24W**

14/19/24 switchable  
2100/2850/3600lm

## 04 CCT

**-TCP**

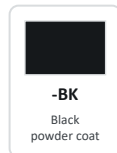
3000/4000/5000K  
CCT switchable

## 05 CRI

**-70**

70 CRI

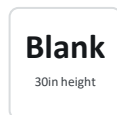
## 06 FINISH



**-BK**

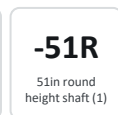
Black  
powder coat

## 07 HEIGHT



**Blank**

30in height

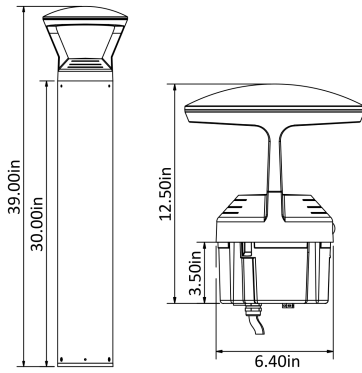


**-51R**

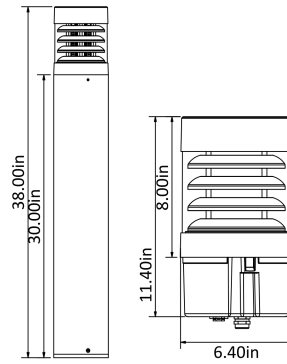
51in round  
height shaft (1)

Integrated photocell comes with all fixtures and can be turned on/off on the field. 1. The 51in height round shaft is not compatible with the Krang head.

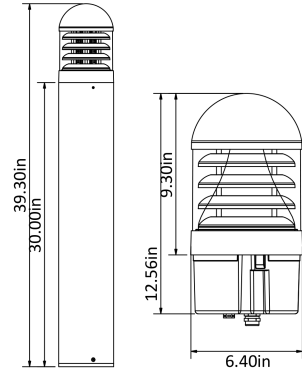
## Dimensions



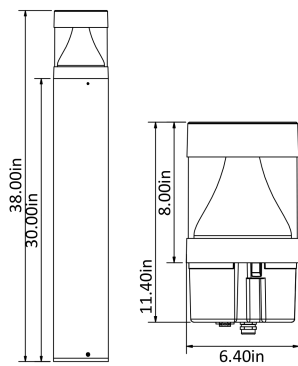
**AE-OD-CS-CA Casey**



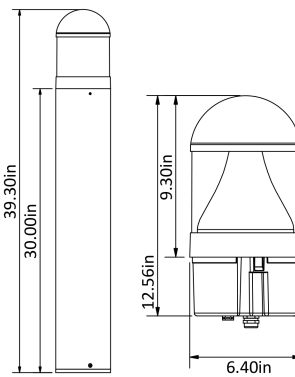
**AE-OD-SH-CA Shredder**



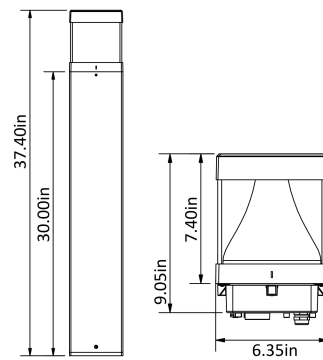
**AE-OD-BE-CA Bebop**



**AE-OD-BX-CA Baxter**



**AE-OD-RS-CA Rocksteady**



**AE-OD-KR-CA Krang**

All dimensions in inches. Concrete anchor mount. [Install Instruction Round Bollard](#) · [Install Instruction Square Bollard](#)

# Ratings & Distribution

## B-U-G Rating

| HEAD       | POWER | B-U-G RATING |
|------------|-------|--------------|
| Casey      | 24W   | B1-U3-G1     |
| Shredder   | 24W   | B2-U4-G3     |
| Bebop      | 24W   | B2-U3-G2     |
| Baxter     | 24W   | B2-U3-G2     |
| Rocksteady | 24W   | B2-U3-G2     |
| Krang      | 24W   | B2-U3-G2     |

Backlight, uplight and glare ratings per IES TM-15-11.

## DLC Qualified Models

| DLC | PRODUCT ID | MODEL NUMBER             | CATEGORY | CLASS   |
|-----|------------|--------------------------|----------|---------|
| 5.1 | S-NS4NLX   | AE-OD-BE-CA-24W-TCP-Y-ZZ | Outdoor  | Premium |
| 5.1 | S-SCQNKB   | AE-OD-BX-CA-24W-TCP-Y-ZZ | Outdoor  | Premium |
| 5.1 | S-J9WC1R   | AE-OD-CS-CA-24W-TCP-Y-ZZ | Outdoor  | Premium |
| 5.1 | S-WK61V0   | AE-OD-KR-CA-24W-TCP-Y-ZZ | Outdoor  | Premium |
| 5.1 | S-XRY255   | AE-OD-RS-CA-24W-TCP-Y-ZZ | Outdoor  | Premium |
| 5.1 | S-T1Z00P   | AE-OD-SH-CA-24W-TCP-Y-ZZ | Outdoor  | Premium |

Primary use: Bollards. 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](http://www.designlights.org/QPL).

## Bollard Heads



## Overview

Innovative design: aluminum die cast housing and corrosion resistant finish; highly robust polycarbonate and high transmittance lens.  
 Protection: protected against dust ingress; protected against water jets; 10KV surge protector.  
 Multiple options: 3 different powers options; 3 different CCTs; on/off integrated photocell.  
 Mountings available: concrete anchor mount.

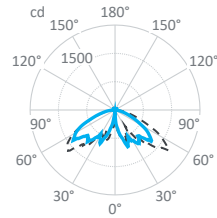


# Photometric Data

## AE-OD-CS-CA-24W-TCP-70-BK

### CASEY

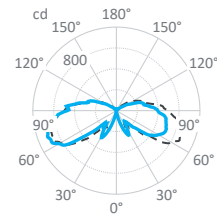
|              |              | ZONE   | LUMENS         | % FIXTURE     |
|--------------|--------------|--------|----------------|---------------|
|              |              | 0-20°  | <b>169.37</b>  | <b>5.06</b>   |
| Wattage      | <b>21.8W</b> | 0-40°  | <b>865.19</b>  | <b>25.83</b>  |
| CCT          | <b>4000K</b> | 0-60°  | <b>2243.10</b> | <b>66.97</b>  |
| Distribution | <b>360°</b>  | 0-80°  | <b>3086.14</b> | <b>92.14</b>  |
|              |              | 0-90°  | <b>3157.53</b> | <b>94.27</b>  |
|              |              | 0-180° | <b>3349.54</b> | <b>100.00</b> |



## AE-OD-SH-CA-24W-TCP-70-BK

### SHREDDER

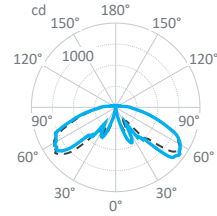
|              |              | ZONE   | LUMENS         | % FIXTURE     |
|--------------|--------------|--------|----------------|---------------|
|              |              | 0-20°  | <b>25.90</b>   | <b>0.75</b>   |
| Wattage      | <b>22.7W</b> | 0-40°  | <b>232.11</b>  | <b>6.73</b>   |
| CCT          | <b>4000K</b> | 0-60°  | <b>750.22</b>  | <b>21.75</b>  |
| Distribution | <b>360°</b>  | 0-80°  | <b>1919.76</b> | <b>55.66</b>  |
|              |              | 0-90°  | <b>2471.46</b> | <b>71.66</b>  |
|              |              | 0-180° | <b>3449.10</b> | <b>100.00</b> |



## AE-OD-BE-CA-24W-TCP-70-BK

### BEBOP

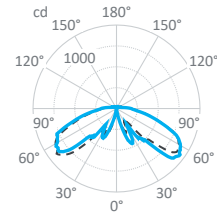
|              |              | ZONE   | LUMENS         | % FIXTURE     |
|--------------|--------------|--------|----------------|---------------|
|              |              | 0-20°  | <b>48.67</b>   | <b>1.47</b>   |
| Wattage      | <b>22.8W</b> | 0-40°  | <b>423.27</b>  | <b>12.76</b>  |
| CCT          | <b>4000K</b> | 0-60°  | <b>1569.09</b> | <b>47.31</b>  |
| Distribution | <b>360°</b>  | 0-80°  | <b>2776.26</b> | <b>83.70</b>  |
|              |              | 0-90°  | <b>3021.37</b> | <b>91.09</b>  |
|              |              | 0-180° | <b>3316.80</b> | <b>100.00</b> |



## AE-OD-BX-CA-24W-TCP-70-BK

### BAXTER

|              |              | ZONE   | LUMENS         | % FIXTURE     |
|--------------|--------------|--------|----------------|---------------|
|              |              | 0-20°  | <b>48.67</b>   | <b>1.47</b>   |
| Wattage      | <b>22.8W</b> | 0-40°  | <b>423.27</b>  | <b>12.76</b>  |
| CCT          | <b>4000K</b> | 0-60°  | <b>1569.09</b> | <b>47.31</b>  |
| Distribution | <b>360°</b>  | 0-80°  | <b>2776.26</b> | <b>83.70</b>  |
|              |              | 0-90°  | <b>3021.37</b> | <b>91.09</b>  |
|              |              | 0-180° | <b>3316.80</b> | <b>100.00</b> |

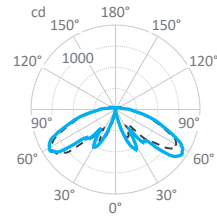


## Photometric Data

### AE-OD-RS-CA-24W-TCP-70-BK

#### ROCKSTEADY

|              |              | ZONE   | LUMENS         | % FIXTURE     |
|--------------|--------------|--------|----------------|---------------|
|              |              | 0-20°  | <b>44.74</b>   | <b>1.37</b>   |
| Wattage      | <b>23W</b>   | 0-40°  | <b>457.62</b>  | <b>13.97</b>  |
| CCT          | <b>4000K</b> | 0-60°  | <b>1502.31</b> | <b>45.87</b>  |
| Distribution | <b>360°</b>  | 0-80°  | <b>2695.88</b> | <b>82.32</b>  |
|              |              | 0-90°  | <b>2943.30</b> | <b>89.88</b>  |
|              |              | 0-180° | <b>3274.86</b> | <b>100.00</b> |



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

#### KRANG

|              |              | ZONE   | LUMENS         | % FIXTURE     |
|--------------|--------------|--------|----------------|---------------|
|              |              | 0-20°  | <b>57.25</b>   | <b>1.66</b>   |
| Wattage      | <b>23.2W</b> | 0-40°  | <b>500.76</b>  | <b>14.52</b>  |
| CCT          | <b>4000K</b> | 0-60°  | <b>1488.75</b> | <b>43.18</b>  |
| Distribution | <b>360°</b>  | 0-80°  | <b>2824.75</b> | <b>81.93</b>  |
|              |              | 0-90°  | <b>3128.91</b> | <b>90.75</b>  |
|              |              | 0-180° | <b>3447.93</b> | <b>100.00</b> |

