



Project :

Type :

Part#:

## LED Bollard Fixtures (Round)

5 Head Options



### Detail Specifications:

- Finish: Bronze, Black, Custom finishes available
- IP Rating: Wet Location
- Beam Angle:
  - Louver: Type II 360°
  - Cone: Type V 360°
- Chip: SMD 2835, R9 >50, CRI >80
- 3 Step MacAdam Ellipses
- Operating Temperature: -4° - 122° F
- Lens: Clear or Frosted Acrylic
- Average life (L70) of 50,000 hours

### Applications:

- Walkways & Pathways
- Driveways
- Landscape Lighting
- Hospitality, Multi-Family
- Outdoor Corridors
- Residential, Commercial and Industrial

### Product Information:

- Aluminum housing finished with corrosion free power coat
- Flat or Dome Top Options
- Cone, louver, or frosted illumination
- Instant-On to full brightness
- Select-n-Switch Technology: 5-CCT + 3-Power Selectable

### Driver Options:

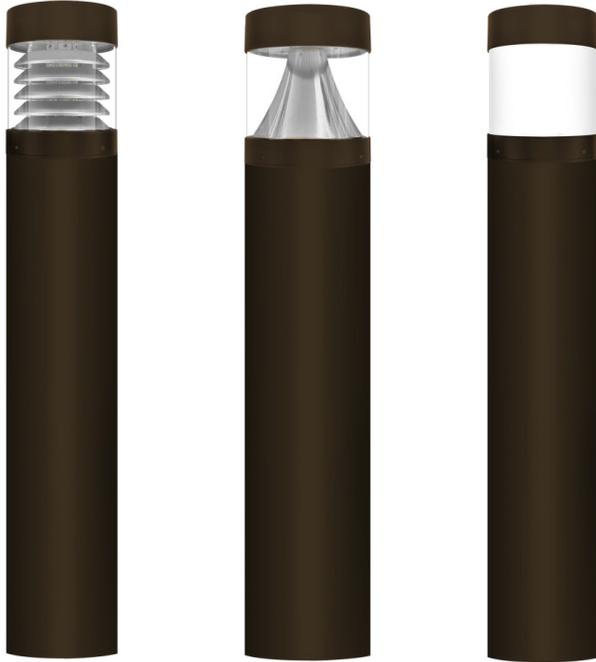
- UNV: 120-277V 0-10V Dimmable
- HV: 347-480V 0-10V Dimmable
- THD: <20% (+/-5% tolerance), PF >0.9, 50/60Hz

### Mounting & Installations:

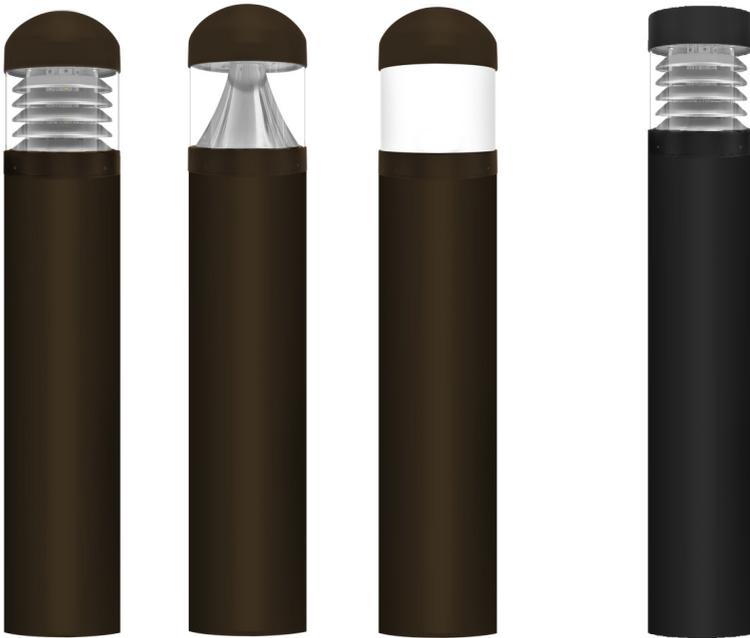
- Mounting hardware included:
  - Anchor Bolt
  - Washer & Nuts

### Certifications:

- UL Listed for USA and CA
- DLC Listed
- Approved for CA T24
- 5 Year Limited Warranty
- FCC CFR 47, GCC Part 15, Subpart B:2017• FCC CFR 47, GCC Part



ROUND



DOME

BL  
BLACK

WATT	LUMENS
12	1,560
16	2,080
22	2,860

BUG RATING	
LOUVER	B2-U3-G2
CONE	B1-U3-G2

Quick Ship Head Options	Inside Design	Top Shape	Finish <sup>2</sup>	Shield
<b>ISBOLH-R-CS5</b> Bollard Head	<b>CN</b> Cone <b>LV</b> Louver <b>FR<sup>1</sup></b> Frosted	<b>DM</b> Dome <b>FL</b> Flat	<b>BZ</b> Bronze <b>BL</b> Black <b>CS</b> Custom Color	<b>(Blank)</b> No Shield <b>SHLD</b> Covers Half the Lens
1. Frosted lens is made to order		2. Shield options is made to order		

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Quick Ship Head Options	Inside Design	Top Shape
<b>ISBOLBSE22-R-WS22</b> Bollard Head	<b>BZ</b> Bronze BL <b>Black CS</b> Custom Color	<b>22</b> 22" Height <b>44</b> 44" Height

Quick Ship Head Options	Voltage	Inside Design	Top Shape	Finish <sup>1</sup>	Height	Sensor <sup>1</sup>	EMB <sup>1</sup>
<b>ISBOLBSE22-R-WS22-CS5</b> Bollard Head	<b>UNV</b> 120-277V <b>HV</b> 347-480V	<b>CN</b> Cone <b>LV</b> Louver <b>FR</b> Frosted	<b>DM</b> Dome <b>FL</b> Flat	<b>BZ</b> Bronze <b>BL</b> Black <b>CS</b> Custom Color	<b>22</b> 22" Height <b>44</b> 44" Height	<b>(Blank)</b> None Height <b>BMS</b> Bi-Level Motion Sensor + Daylight Sensor <b>PC</b> Photocell	<b>(Blank)</b> No Emergency Backup <b>EMB</b> 90 Minute Emergency Backup

1. Custom Finish

## FEATURES

**CS5 Selectable**  
27/30/35/40/50K



**3 Watt Selectable**  
12/16/22W

### ROUND FLAT



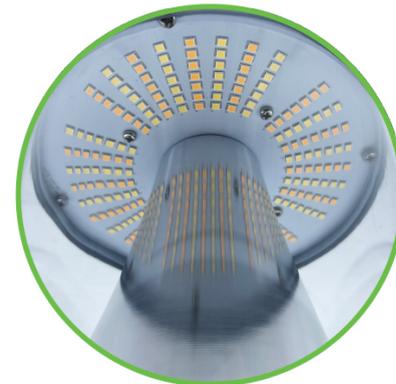
LOUVER



CONE



FROSTED LENS



**CONE LENS LED**



LOUVER



CONE



FROSTED LENS

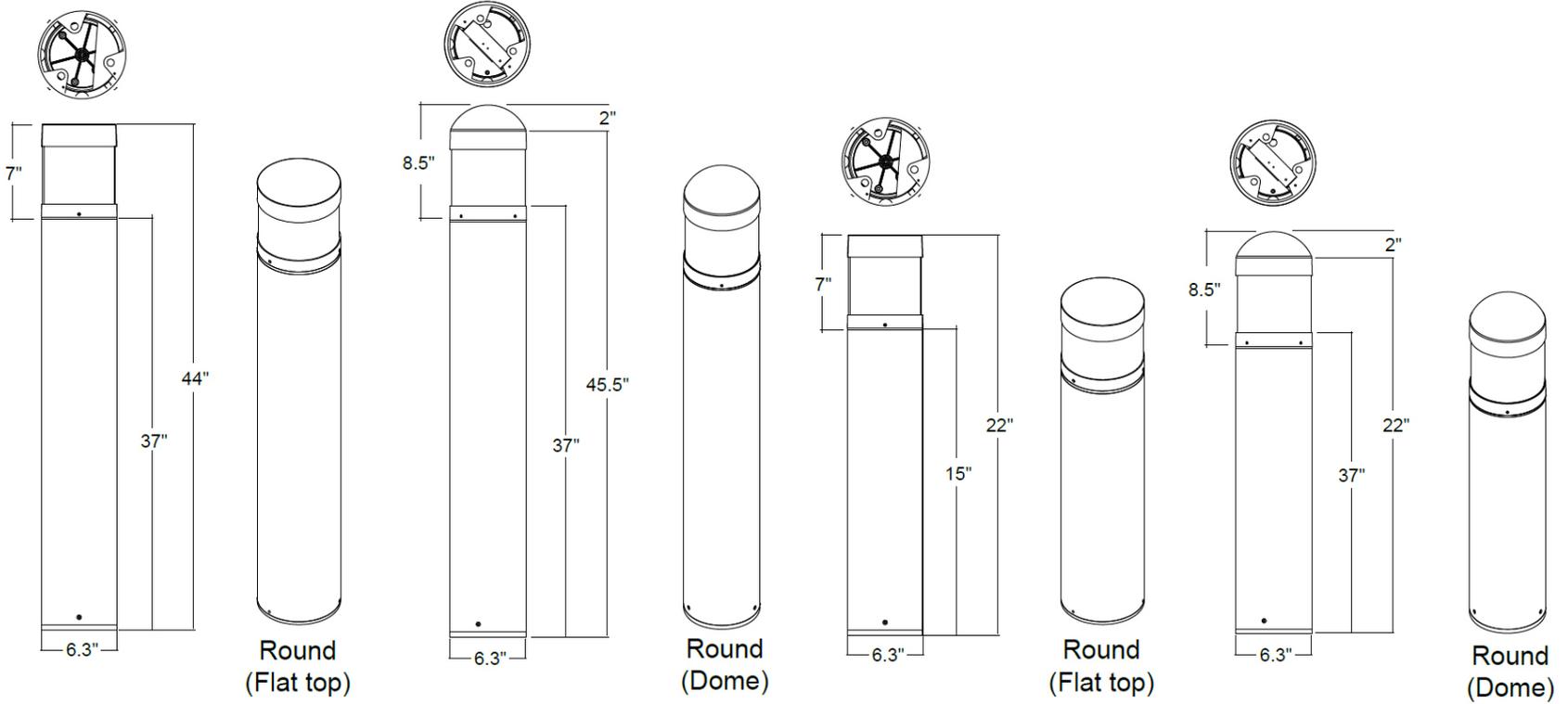


**LOUVER LENS LED**

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## 5 Head Options

### DIMENSIONS

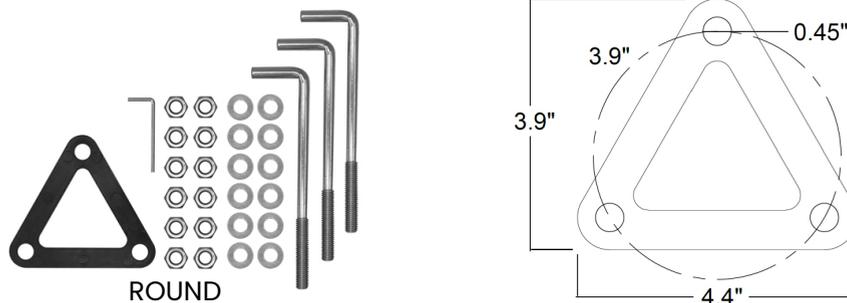


### Round Bollard Head

Model	Voltage	Watts	Lumens	Color	CRI
ISBOLH-R-CS5-CN-DM-BZ	120-277V	12/16/22w	1560/2080/2860	27/30/35/40/50K	>80
ISBOLH-R-CS5-CN-FL-BZ	120-277V	12/16/22w	1560/2080/2860	27/30/35/40/50k	>80
ISBOLH-R-CS5-LV-DM-BZ	120-277V	12/16/22w	1560/2080/2860	27/30/35/40/50K	>80
ISBOLH-R-CS5-LV-FL-BZ	120-277V	12/16/22w	1560/2080/2860	27/30/35/40/50k	>80
ISBOLH-R-CS5-FR-DM-BZ	120-277V	12/16/22w	1560/2080/2860	27/30/35/40/50k	>80
ISBOLH-R-CS5-FR-FL-BZ	120-277V	12/16/22w	1560/2080/2860	27/30/35/40/50k	>80

### Round Bollard Base

Model	Voltage	Watts	Lumens	CRI
ISBOLBSE22-R-WS22-BZ	120-277V	12/16/22w	1560/2080/2860	>80
ISBOLBSE44-R-WS22-BZ	120-277V	12/16/22w	1560/2080/2860	>80



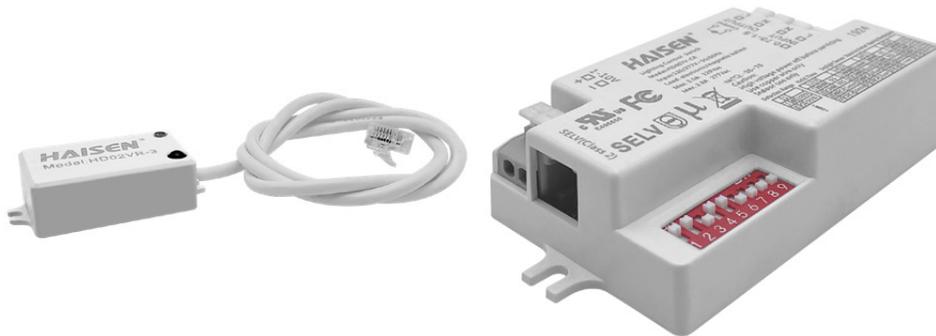
Anchor Bolt Included

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### H-Line Sensors

Model	Item Description	Voltage	Watts
HD407V-CR	Bi Level Motion Sensor w/ Daylight Harvesting Detachable Version w/ external sensor -Remote Control Compatible	120-277V	<1w



**HD-407V-CR**  
Sensor

### Backup Battery

Model	Input	Watts	Output
<b>LED-EMB-8W-LV-INT</b>	120-277V	8W	25-48V DC



**LED-EMB-8W-LV-INT**  
Emergency Back Up