

|                                     |       |
|-------------------------------------|-------|
| Project:                            |       |
| Location:                           |       |
| Model#: BLST1-WS-3CS-BZK (Adj. 20D) | Type: |
| Client:                             | Qty:  |
| Prepared by:                        | Date: |

## SERIES SPECIFICATIONS

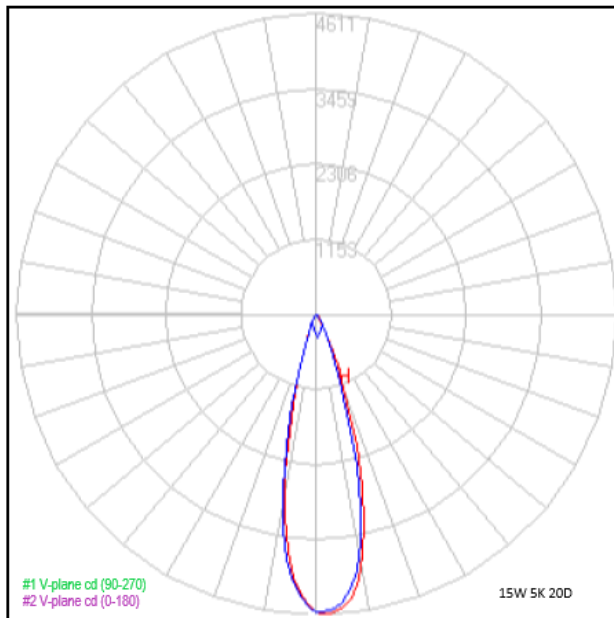


The BLST1-WS-3CS-BZK 15W Bullet Flood is a top-tier LED spotlight, perfect for a variety of outdoor settings. With its selectable 15W wattage and impressive 1400 lumens output, this spotlight ensures brilliant illumination for landscapes, signage, and architectural features. Its robust bronze finish and knuckle mount design allow for precise directional lighting, making it a versatile and energy-efficient choice for many applications.



## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



**Initial Lumen Output:** 1,400 lm

**NEMA Type:** 4H x 3W

**Luminaire Type:** Flood Light

**Ambient Operating Temp:** -40°C ~ 40°C / -40°F ~ +104°F

**Limited Product Warranty:** 5 years

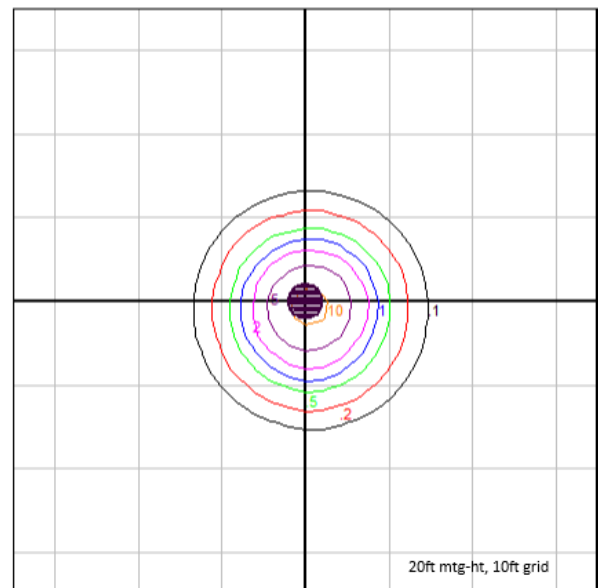
**Efficacy:** 95lm/w

**Beam Angle:** 020°

**Environmental Rating(s):** IP65

**Certification Standards:** c-UL-us

Isolux Diagram



**CBCP:** 4,611 CD

**Field Angle:** 045°

**UL Classification:** Wet Location

**CCN Number:** IFAM-7



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#### LED SPECIFICATIONS

|  |   |                                 |
|--|---|---------------------------------|
| <b>Source Type:</b> LED                            | <b>CRI:</b> ?70                         | <b>L70:</b> >50,000 Hrs         |
| <b>Colour Temperature:</b> 3000K or 4000K or 5000K | <b>Chromaticity:</b> :x=0.3400 y=0.3494 | <b>Colour Tolerance:</b> 5 SDCM |
| <b>Duv:</b> 0.000973                               |   |                                 |

#### ELECTRICAL SPECIFICATIONS

|   |   |  |
|---|---|--|
| <b>Input Voltage:</b> 120-277V              | <b>Input Frequency:</b> 50/60Hz         | <b>Fixture Draw:</b> 0.2A Max                                |
| <b>Current Draw at 120Vac:</b> 0.1488A      | <b>Current Draw at 277Vac:</b> 0.05755A | <b>Inrush Current:</b> <50A                                  |
| <b>Max On-Delay:</b> ?750ms                 | <b>Power Factor at 120Vac:</b> 99.8 %   | <b>Power Factor at 277Vac:</b> 99.8 %                        |
| <b>THD at 120Vac(%):</b> ? 20%              | <b>THD at 277Vac(%):</b> ? 20%          | <b>Driver MTBF:</b> 500,000 hours at 25? ambient temperature |
| <b>Max Operating Case Temperature:</b> +50? | <b>Surge Suppression:</b> 2KV           | <b>Over Temperature Protection:</b> YES                      |
| <b>Short Circuit Protection:</b> YES        | <b>Driver Certifications:</b> cURus     |  |

#### PHOTOCELL SENSOR INFORMATION

|                                  |                             |                                   |
|----------------------------------|-----------------------------|-----------------------------------|
| <b>Sensor Type:</b> Integrate IC | <b>Control Type:</b> On/Off | <b>Input Voltage:</b> 120/277 Vac |
| <b>Programing Type:</b> 5 FC     |                             |                                   |

#### PHYSICAL SPECIFICATIONS

|   |   |  |
|---|---|--|
| <b>Finish Colour:</b> Bronze              | <b>Finish Type:</b> Powder Coat         | <b>Wiring:</b> 15cm / 6 inch leads       |
| <b>Mounting:</b> ½" Knuckle               | <b>Housing Material:</b> Cast Aluminium | <b>Lens Material:</b> Polycarbonate (PC) |
| <b>Lens Type:</b> Adjustable Optics Lense | <b>Weight:</b> 0.275 Kg / 0.125 Lbs     |  |

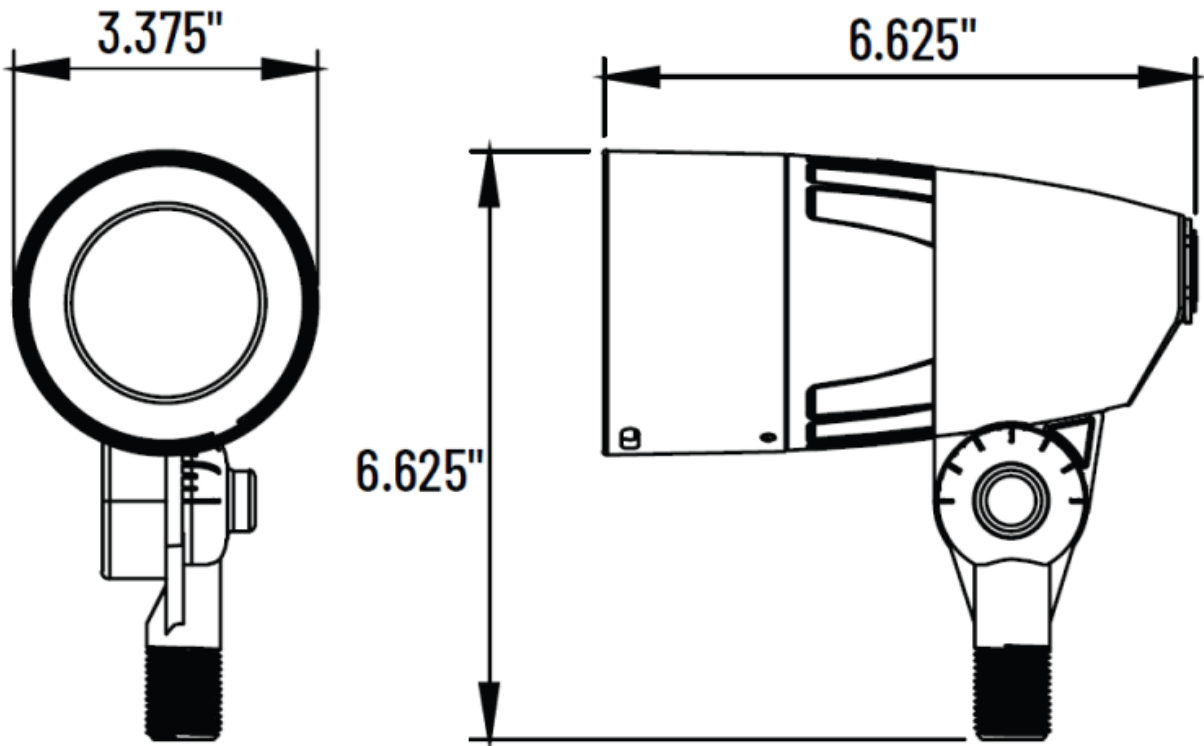
#### SHIPPING INFORMATION

|  |                           |  |
|--|---------------------------|--|
| <b>OrderingCode(s):</b> BLST1-WS-3CS-BZK   |                           |  |
| <b>Box Weight:</b> 0.275 Kg / 0.125 Lbs    | <b>Box Quantity:</b> 1    | <b>Box Dimensions (L-W-H):</b> 215.0 x 132.0 x 94.0 mm / 8.465 x 5.197 x 3.701 in.     |
| <b>Carton Weight:</b> 1.100 Kg / 0.499 Lbs | <b>Carton Quantity:</b> 4 | <b>Carton Dimensions (L-W-H):</b> 280.0 x 232.0 x 204.0 mm / 8.465 x 5.197 x 3.701 in. |

|                                     |       |
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## LINE DRAWING

### Line Drawings



|                                     |       |
|-------------------------------------|-------|
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## SERIES ARCHITECTURE

### Series Architecture

Example; BLST1-WS-3CS-BZK

| SERIES | WATTAGE                           | COLOUR TEMP    | FINISH      | MOUNTING       |
|--------|-----------------------------------|----------------|-------------|----------------|
| BLST   | 1WS [5/10/15W]<br>2WS [10/20/30W] | 3CS [3K-4K-5K] | BZ [BRONZE] | K [½"-KNUCKLE] |

| Beam spread 60 degrees |         |         |         |  |
|------------------------|---------|---------|---------|--|
| BLST1                  | 3000K   | 4000K   | 5000K   |  |
| 5W                     | 264 lm  | 248 lm  | 449 lm  |  |
| 10W                    | 585 lm  | 517 lm  | 816 lm  |  |
| 15W                    | 1215 lm | 1274 lm | 1380 lm |  |

| Beam spread 60 degrees |         |         |         |  |
|------------------------|---------|---------|---------|--|
| BLST2                  | 3000K   | 4000K   | 5000K   |  |
| 10W                    | 689 lm  | 683 lm  | 1164 lm |  |
| 20W                    | 1385 lm | 1360 lm | 2183 lm |  |
| 30W                    | 2729 lm | 2542 lm | 2787 lm |  |

| Beam spread 40 degrees |         |         |         |  |
|------------------------|---------|---------|---------|--|
| BLST1                  | 3000K   | 4000K   | 5000K   |  |
| 5W                     | 264 lm  | 248 lm  | 449 lm  |  |
| 10W                    | 581 lm  | 514 lm  | 811 lm  |  |
| 15W                    | 1141 lm | 1196 lm | 1296 lm |  |

| Beam spread 40 degrees |         |         |         |  |
|------------------------|---------|---------|---------|--|
| BLST2                  | 3000K   | 4000K   | 5000K   |  |
| 10W                    | 689 lm  | 683 lm  | 1164 lm |  |
| 20W                    | 1385 lm | 1360 lm | 2183 lm |  |
| 30W                    | 2729 lm | 2542 lm | 2787 lm |  |

| Beam spread 20 degrees |         |         |         |  |
|------------------------|---------|---------|---------|--|
| BLST1                  | 3000K   | 4000K   | 5000K   |  |
| 5W                     | 264 lm  | 248 lm  | 449 lm  |  |
| 10W                    | 585 lm  | 517 lm  | 816 lm  |  |
| 15W                    | 1042 lm | 1092 lm | 1183 lm |  |

| Beam spread 20 degrees |         |         |         |  |
|------------------------|---------|---------|---------|--|
| BLST2                  | 3000K   | 4000K   | 5000K   |  |
| 10W                    | 689 lm  | 683 lm  | 1164 lm |  |
| 20W                    | 1385 lm | 1360 lm | 2183 lm |  |
| 30W                    | 2729 lm | 2542 lm | 2787 lm |  |

**Optional Extras:** suitable for ½" mounting accessories, (by others)