

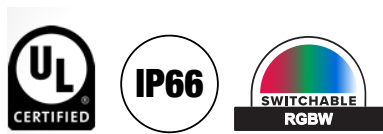
# LBUL Colt RGBW

LBUL-RGBW SERIES - FLOODLIGHT

tradeSELECT®

## FEATURES

- Classic Bullet Flood form factor perfect for illuminating signage, building façade or landscapes
- Manual Switching RGBW with 4-colors
- Wide NEMA 6x6 distribution
- 1/2" threaded mount, 8.91" ground stake (included) both with adjustable knuckle for sure aiming
- 120-277 Volt
- Standard Bronze Finish
- Low Wattage, Low Lumen Flood



## SPECIFICATIONS

### CONSTRUCTION

- Rugged die-cast aluminum housing
- Acrylic lens with silicone gasket
- RGBW control is located underneath a conduit plug. A screw driver is required to gain access to the switch.
- Dark bronze matte texture powder coat paint finish provides durable and lasting appearance

### OPTICS

- RGBW Switchable
- Wide lens covers set back distance with uniform light
- Lumens depending on color selection
- Efficacy up to 1123.5 LPW at 4000K 80 CRI

### INSTALLATION

- Knuckle mount: Universal 1/2" 14 NPS swivel knuckle has serrated teeth for sure aiming
- 8.91" ground stake for easy grass, mulch or landscape mounting

### ELECTRICAL

- 0-10 Volt
- Universal voltage driver is 120-277 Volt
- Ambient Operating Temperature -40°C to 40°C
- 3 kV Surge

### CERTIFICATIONS

- Listed to UL1598 for use in wet locations
- IP66
- FCC Title 47 Part 15

### WARRANTY

- 5 year warranty

| KEY DATA                       |             |
|--------------------------------|-------------|
| Lumen Range                    | 2532        |
| Wattage Range                  | 20.5W       |
| Efficacy Range (LPW)           | 123.5LPW    |
| Fixture Projected Life (Hours) | >60K        |
| Weights lbs. (kg)              | 3.42 (1.55) |

## ORDERING GUIDE

### STOCK ORDERING INFORMATION

| Catalog Number | Mounting      | CRI | CCT             | Lumens | Distribution | Wattage | Voltage  | Finish |
|----------------|---------------|-----|-----------------|--------|--------------|---------|----------|--------|
| LBUL-25-RGBW   | Knuckle/Stake | 80  | RGBW Selectable | 2532   | 6x6 Wide     | 20.5W   | 120-277V | Bronze |

# LBUL Colt RGBW

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|            |           |
|------------|-----------|
| DATE:      | LOCATION: |
| TYPE:      | PROJECT:  |
| CATALOG #: |           |

## PERFORMANCE DATA

| Description  | Nominal Wattage | Dist. Type | Field Angle H x V | 4K (4000K NOMINAL 80 CRI)* |       |                      |
|--------------|-----------------|------------|-------------------|----------------------------|-------|----------------------|
|              |                 |            |                   | Lumens                     | LPW   | Max Beam Candlepower |
| LBUL-25-RGBW | 20.5W           | 6 X 6      | 126 x 124         | 2532                       | 123.5 | 1563                 |

\* When set to White, fixture is 4K

| RED    |      |                      | BLUE   |      |                      | GREEN  |       |                      | WHITE  |       |                      |
|--------|------|----------------------|--------|------|----------------------|--------|-------|----------------------|--------|-------|----------------------|
| Lumens | LPW  | Max Beam Candlepower | Lumens | LPW  | Max Beam Candlepower | Lumens | LPW   | Max Beam Candlepower | Lumens | LPW   | Max Beam Candlepower |
| 718    | 35.2 | 494                  | 434    | 21.3 | 302                  | 3276   | 160.6 | 2774                 | 2532   | 123.5 | 1563                 |

## ELECTRICAL DATA

| Nominal Wattage | Input Voltage | Oper. Current (Amps) | System Power (Watts) |
|-----------------|---------------|----------------------|----------------------|
| LSP-RGBW        | 120           | 0.17                 | 20.5                 |
|                 | 208           | 0.10                 |                      |
|                 | 240           | 0.08                 |                      |
|                 | 277           | 0.07                 |                      |

## PROJECTED LUMEN MAINTENANCE

| Calculation Method | Ambient Temperature | OPERATING HOURS |        |
|--------------------|---------------------|-----------------|--------|
|                    |                     | 25,000          | 36,000 |
| TM-21-21           | 25°C/77°F           | 0.92            | 0.89   |
|                    | 40°C/104°F          | 0.91            | 0.88   |

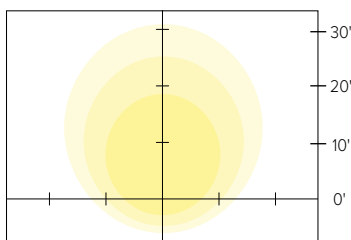
## LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

| Ambient Temperature |       | Lumen Multiplier |
|---------------------|-------|------------------|
| 0°C                 | 32°F  | 1.03             |
| 10°C                | 50°F  | 1.01             |
| 20°C                | 68°F  | 1.00             |
| 25°C                | 77°F  | 1.00             |
| 30°C                | 86°F  | 0.99             |
| 40°C                | 104°F | 0.98             |
| 50°C                | 122°F | 0.97             |

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

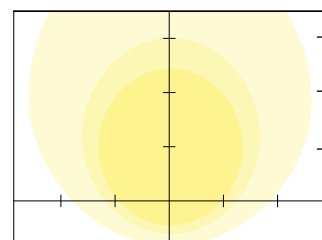
## PHOTOMETRY

LBUL-RGBW – RED



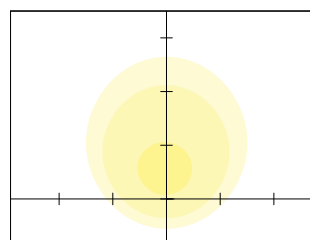
Tilt Angle: 45°  
10' Set Back

LBUL-RGBW – Green



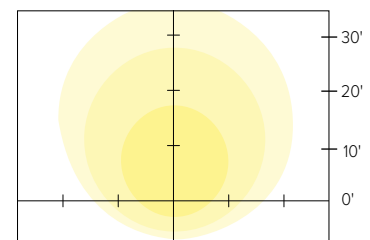
Tilt Angle: 45°  
10' Set Back

LBUL-RGBW – Blue



Tilt Angle: 45°  
10' Set Back

LBUL-RGBW – White



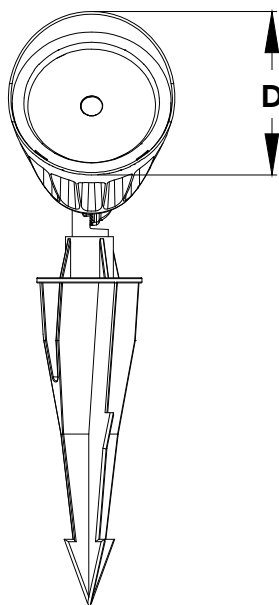
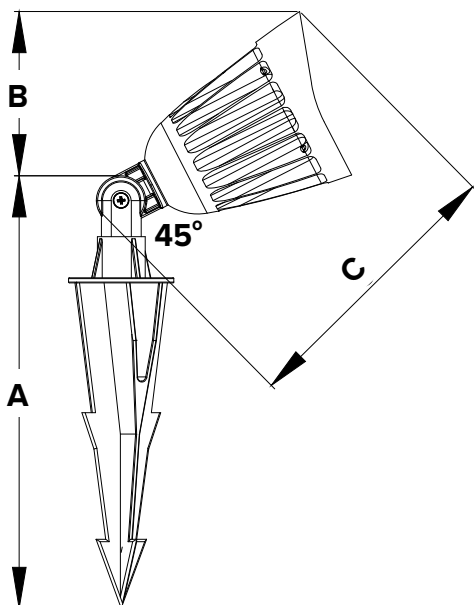
Tilt Angle: 45°  
10' Set Back

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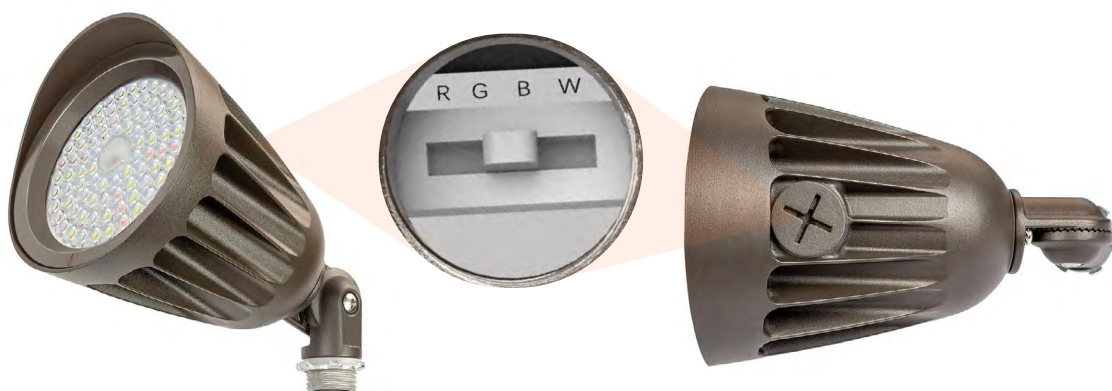
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## DIMENSIONS



| A         | B       | C         | D       | Weight   |
|-----------|---------|-----------|---------|----------|
| 10.37"    | 3.94"   | 6.78"     | 3.94"   | 1.54lbs  |
| (263.3mm) | (100mm) | (172.1mm) | (100mm) | (0.70kg) |



RGBW control is located underneath a conduit plug.  
A screw driver is required to gain access to the switch.

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