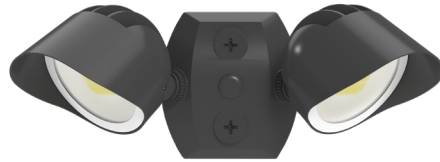


# BULLET Field-Adjustable Flood Light



BULLET12 / BULLET20

BULLET2X12 / BULLET2X20



PROJECT:

DATE:

TYPE:

PREPARED BY:



SMSBULLET2X12 / SMSBULLET2X20



## KEY FEATURES

- Available in single and double head models :  
BULLET12: 12/9/6W  
BULLET20: 20/15/10W  
BULLET2X12 and SMSBULLET2X12: 2\*12/9/6W  
BULLET2X20 and SMSBULLET2X20: 2\*20/15/10W
- Adjustable CCT: 3000/4000/5000K (4000K default)
- Available in bronze, black, verde green and white finish
- SMSBULLET models available in bronze and white finish.
- SMS sensor includes 180° coverage and smart controls
- UL listed for **wet location**
- IP65 rated
- 120V
- 5-Year, limited warranty

## BULLET field-adjustable floodlight



**IP65**  
IP RATING



## PERFORMANCE

| BULLET12       | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Wattage        | 12W   |       |       | 9W    |       |       | 6W    |       |       |
| Input Watts    | 11.9W | 12.3W | 11.9W | 9.3W  | 9.4W  | 9.3W  | 5.7W  | 5.8W  | 5.7W  |
| Lumens         | 1,192 | 1,324 | 1,239 | 991   | 1,064 | 1,030 | 636   | 675   | 663   |
| Lm/W           | 100.2 | 107.6 | 104.1 | 106.6 | 113.2 | 110.8 | 111.6 | 116.4 | 116.3 |
| CRI            | 84    | 84    | 83    | 84    | 84    | 82    | 84    | 84    | 83    |
| Voltage Rating | 120V  |       |       | 120V  |       |       | 120V  |       |       |

| BULLET20       | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Wattage        | 20W   |       |       | 15W   |       |       | 10W   |       |       |
| Input Watts    | 19.1W | 19.6W | 19.1W | 15W   | 15.2W | 15W   | 10.6W | 10.8W | 10.6W |
| Lumens         | 1,878 | 2,095 | 1,954 | 1,553 | 1,688 | 1,623 | 1,147 | 1,234 | 1,199 |
| Lm/W           | 98.3  | 106.9 | 102.3 | 103.6 | 111.0 | 108.2 | 108.2 | 114.3 | 113.1 |
| CRI            | 84    | 84    | 83    | 84    | 84    | 83    | 84    | 84    | 83    |
| Voltage Rating | 120V  |       |       | 120V  |       |       | 120V  |       |       |

# BULLET Field-Adjustable Flood Light



## PERFORMANCE

| BULLET2X12     | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Wattage        | 24W   |       |       | 18W   |       |       | 12W   |       |       |
| Input Watts    | 23.6W | 24.3W | 23.6W | 18.5W | 19W   | 18.5W | 11.4W | 11.7W | 11.4W |
| Lumens         | 2,392 | 2,645 | 2,487 | 1,978 | 2,187 | 2,057 | 1,279 | 1,414 | 1,330 |
| Lm/W           | 101.4 | 108.8 | 105.4 | 106.9 | 115.1 | 111.2 | 112.2 | 120.9 | 116.7 |
| CRI            | 84    | 84    | 83    | 84    | 84    | 83    | 84    | 84    | 83    |
| Voltage Rating | 120V  |       |       | 120V  |       |       | 120V  |       |       |

| BULLET2X20     | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Wattage        | 40W   |       |       | 30W   |       |       | 20W   |       |       |
| Input Watts    | 38.6W | 39.7W | 38.6W | 30.4W | 31.3W | 30.4W | 21.6W | 22.2W | 21.6W |
| Lumens         | 3,763 | 4,189 | 3,901 | 3,119 | 3,472 | 3,233 | 2,319 | 2,582 | 2,404 |
| Lm/W           | 97.5  | 105.5 | 101.1 | 102.6 | 110.9 | 106.3 | 107.4 | 116.3 | 111.3 |
| CRI            | 84    | 84    | 83    | 84    | 84    | 83    | 84    | 84    | 83    |
| Voltage Rating | 120V  |       |       | 120V  |       |       | 120V  |       |       |

| SMSBULLET2X12  | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Wattage        | 24W   |       |       | 18W   |       |       | 12W   |       |       |
| Input Watts    | 23.6W | 24.3W | 23.6W | 18.5W | 19W   | 18.5W | 11.4W | 11.7W | 11.4W |
| Lumens         | 2,392 | 2,645 | 2,487 | 1,978 | 2,187 | 2,057 | 1,279 | 1,414 | 1,330 |
| Lm/W           | 101.4 | 108.8 | 105.4 | 106.9 | 115.1 | 111.2 | 112.2 | 120.9 | 116.7 |
| CRI            | 84    | 84    | 83    | 84    | 84    | 83    | 84    | 84    | 83    |
| Voltage Rating | 120V  |       |       | 120V  |       |       | 120V  |       |       |

| SMSBULLET2X20  | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K | 3000K | 4000K | 5000K |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Wattage        | 40W   |       |       | 30W   |       |       | 20W   |       |       |
| Input Watts    | 38.6W | 39.7W | 38.6W | 30.4W | 31.3W | 30.4W | 21.6W | 22.2W | 21.6W |
| Lumens         | 3,763 | 4,189 | 3,901 | 3,119 | 3,472 | 3,233 | 2,319 | 2,582 | 2,404 |
| Lm/W           | 97.5  | 105.5 | 101.1 | 102.6 | 110.9 | 106.3 | 107.4 | 116.3 | 111.3 |
| CRI            | 84    | 84    | 83    | 84    | 84    | 83    | 84    | 84    | 83    |
| Voltage Rating | 120V  |       |       | 120V  |       |       | 120V  |       |       |

## TECHNICAL SPECIFICATIONS

### CONSTRUCTION

**Cold Weather Starting**

Minimum starting temperature is -40°C (-40°F)

**Maximum Ambient Temperature**

Suitable for use in up to 40°C (104°F)

**Housing**

Die-cast aluminum

**Mounting**

Knuckle arm

**Lens**

Glass

**Reflector**

Polyethylene terephthalate (PET)

**NEMA Type**

NEMA Beam Spread 6H x 6V

**Green Technology**

Mercury and UV free. RoHS-compliant components.

**Finish**

Formulated for high durability and long lasting color. Available in black, bronze & white finish.

**IP Rating**

Ingress protection of IP65 for dust and water

### COMPLIANCE

**UL Listed**

Suitable for wet locations

### ELECTRICAL

**Drivers**

Constant Current, Class 1, 120V, 50/60 Hz

**BULLET12:** 0.10A @120V

**BULLET20:** 0.16A @120V

**BULLET2X12:** 0.20A @120V

**BULLET2X20:** 0.32A @120V

**SMSBULLET2X12:** 0.20A @120V

**SMSBULLET2X20:** 0.32A @120V

**Surge Protection**

L/N:1KV, L/N-PE:1KV

**THD (factory default):**

**BULLET12:** 14.5% @120V

**BULLET20:** 15.0% @120V

**BULLET2X12:** 13.6% @120V

**BULLET2X20:** 14.7% @120V

**SMSBULLET2X12:** 13.6% @120V

**SMSBULLET2X20:** 14.7% @120V

**Power Factor (factory default)**

**BULLET12:** 99.0% @120V

**BULLET20:** 99.0% @120V

**BULLET2X12:** 99.0% @120V

**BULLET2X20:** 99.0% @120V

**SMSBULLET2X12:** 99.0% @120V

**SMSBULLET2X20:** 99.0% @120V

**Dimming Driver**

Yes, dimmable down to 10% on compatible TRIAC dimming systems

### LED CHARACTERISTICS

**LEDs**

Long-life, high-efficacy, surface-mount LEDs

**Color Uniformity**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standards for Specifications for the Chromaticity of Solid State Lighting (SLL) Products, ANSI C78.377-2017.

### FACTORY DEFAULT

**Wattage:**

**BULLET12:** 12/9/6W (Default: 12W)

**BULLET20:** 20/15/10W (Default: 20W)

**BULLET2X12:** 2\*12/9/6W (Default: 2\*12W)

**BULLET2X20:** 2\*20/15/10W (Default: 2\*20W)

**SMSBULLET2X12:** 2\*12/9/6W (Default: 2\*12W)

**SMSBULLET2X20:** 2\*20/15/10W (Default: 2\*20W)

**CCT Adjustable:** 3000/4000/5000K (Default: 4000K)

### SMS500 SENSOR

**Voltage:** 120V AC 60Hz

**Manual Override:** Double flip wall switch logic prevents activation by brief power outages. Resets after 6 hours. No extra wiring needed.

**Surge Protection:** Withstands up to 3000 volts

**RF Immunity:** Circuits fully shielded for maximum radio frequency immunity

**Incandescent Watts:** Switched 500W @ 120 volts

**Fluorescent Watts:** Switched 250W @ 120 volts

**Ratings:** 5 amps

**Power Consumption:** Negligible

**Manual Switch:** None

**Switching Capacity:** Relay On/Off Model Switches 240W when lights are mounted to sensor. 500W Incandescent or 240W Fluorescent of remotely mounted lighting @ 120 volts.

**Sensor Settings:**

**Time Adjustment:** 5 seconds to 15 minutes

**Quick Test Time:** 5 second test time for fast installation. Works day or night.

**"No Hands" Auto Testing:** Auto mode starts after 4 minutes of testing. No adjustment needed.

**Photoelectric Control:** Deactivates lights during daylight. Fully adjustable for 24 hour operation or custom applications.

**Time Delay:** 5 seconds to 15 minutes

**Ambient Light Sensing:** Adjustable

**Adjustments:** Time, ambient light & sensitivity

**Detection:** 180° detection pattern

### OTHER

**Warranty**

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

**Lifespan**

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

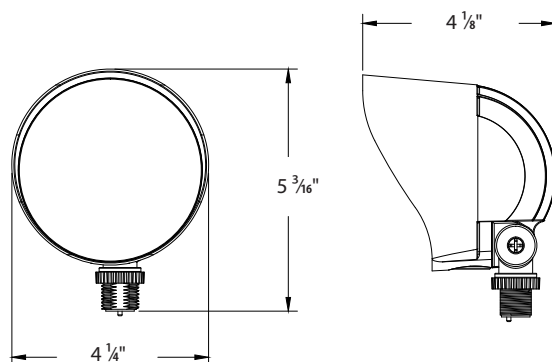
# BULLET Field-Adjustable Flood Light



## DIMENSIONS

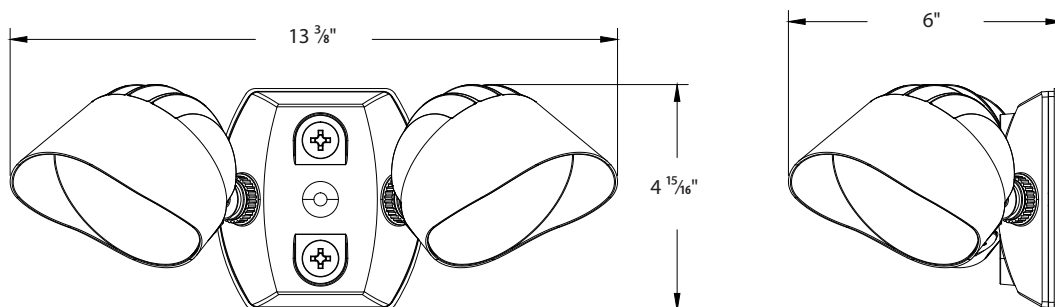
### BULLET12 / BULLET20

Weight: 0.79 lb



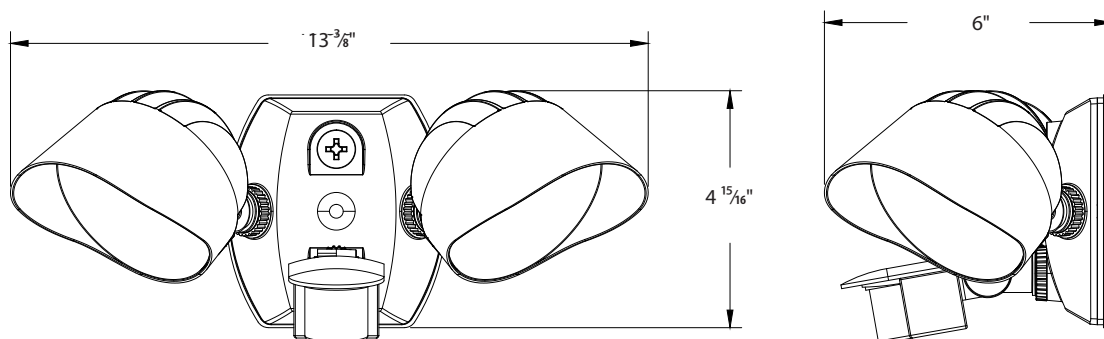
### BULLET2X12 / BULLET2X20

Weight: 1.95 lbs



### SMSBULLET2X12 / SMSBULLET2X20

Weight: 2.15 lbs



# BULLET Field-Adjustable Flood Light



## ORDERING MATRIX

### BULLET FA

| Product Family | Wattage |           | Color Temperature |                                 | Finish |             | Driver                    |
|----------------|---------|-----------|-------------------|---------------------------------|--------|-------------|---------------------------|
| BULLET         |         |           |                   |                                 |        |             |                           |
|                | 12      | 12/9/6W   | BLANK             | 3000/4000/5000K, CCT Adjustable | A      | Bronze      | BLANK 120V, TRIAC Dimming |
|                | 20      | 20/15/10W |                   |                                 | B      | Black       |                           |
|                | 2X12    | 24/18/12W |                   |                                 | VG     | Verde Green |                           |
|                | 2X20    | 40/30/20W |                   |                                 | W      | White       |                           |

### SMSBULLET FA

| Product Family | Wattage |           | Color Temperature |                                 | Finish |        | Driver                    |
|----------------|---------|-----------|-------------------|---------------------------------|--------|--------|---------------------------|
| SMSBULLET      |         |           |                   |                                 |        |        |                           |
|                | 2X12    | 24/18/12W | BLANK             | 3000/4000/5000K, CCT Adjustable | A      | Bronze | BLANK 120V, TRIAC Dimming |
|                | 2X20    | 40/30/20W |                   |                                 | W      | White  |                           |