

## CONTRACTOR SERIES AREA LIGHT

Client:  
Project:  
Type:  
Quantity:

### CONSTRUCTION

Rugged one-piece die-cast aluminum housing and polycarbonate lens for durability.  
Casting thermally conducts LED heat to optimize performance and lifespan.  
LED housing is hermetically sealed against moisture and contaminants.

### OPTICS

UV-resistant polycarbonate optics, available in Type III distributions.  
Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing.

### ELECTRICAL

80+ CRI LED.  
-40°C up to 40°C (-40°F up to 104°F) maximum operating temperature.  
Long-life 100,000 hr LED at L70 @ 25°C.  
Selectable wattage from 80 ~ 300W; selectable CCT available from 3000K ~ 5000K.  
Driver operates at 120-277V input, 0-10V dimmable driver, down to 10%.  
Built-in photocell included.  
50/60Hz, <15% THD, 0.9 power factor.

### SENSORS (OPTIONAL)

SENSOR-ANT-6-4R Plug-N-Play PIR On/Off/Dimming/Photosensing.  
SENSOR-BLE-6-4R Plug-N-Play PIR Bluetooth/On/Off/Dimming/Photosensing.

### MOUNTING

Adjustable square / round pole mount bracket (SRT).  
Optional adjustable slipfitter (SF) for 2-3/8" tenon.  
Optional yoke mount bracket (YM) for surface mount.

### STANDARD FINISH

Dark Bronze powder coating finish.

### CERTIFICATION

Meets Buy America Act requirements.  
Wet location label standard.  
All luminaires are built to UL1598 standards and bear appropriate cULus labels.

### WARRANTY

5 year warranty, see Limited Warranty for additional information.



CSA-200



CSA-300



## CONTRACTOR SERIES AREA LIGHT

| ORDER INFORMATION |                     |                                                                            | EXAMPLE: CSA 200SC T3 DB UNVD-P        |        |                   |
|-------------------|---------------------|----------------------------------------------------------------------------|----------------------------------------|--------|-------------------|
| Fixture           | Series              | Power & LM                                                                 | Distribution                           | Finish | Input             |
|                   | CSA                 |                                                                            | T3                                     |        | UNVD-P            |
| Mounting          |                     |                                                                            | Accessories<br>Option                  |        |                   |
| A                 | SERIES              |                                                                            |                                        |        |                   |
|                   | CSA                 | Contractor Series - Area Light                                             |                                        |        |                   |
| B                 | POWER & LM          |                                                                            |                                        |        |                   |
|                   | Code                | Power                                                                      | CCT                                    |        | LM                |
|                   | 200SC               | Field Selectable 80 / 120 / 160 / 200W                                     | Field Selectable 3000K / 4000K / 5000K |        | 13,200 ~ 30,000lm |
|                   | 300SC               | Field Selectable 120 / 180 / 240 / 300W                                    | Field Selectable 3000K / 4000K / 5000K |        | 19,560 ~ 44,000lm |
| C                 | DISTRIBUTION        |                                                                            |                                        |        |                   |
|                   | T3                  | Type III                                                                   |                                        |        |                   |
| D                 | FINISH              |                                                                            |                                        |        |                   |
|                   | DB                  | Dark Bronze                                                                |                                        |        |                   |
|                   | BK                  | Black                                                                      |                                        |        |                   |
|                   | WH                  | White                                                                      |                                        |        |                   |
| E                 | INPUT               |                                                                            |                                        |        |                   |
|                   | UNVD-P              | 120-277V, 0-10V Dimming with Photocell                                     |                                        |        |                   |
| F                 | MOUNTING            |                                                                            |                                        |        |                   |
|                   | MOUNT-CSA-SF        | Adjustable Slipfitter Bracket for 2-3/8" Tenon                             |                                        |        |                   |
|                   | MOUNT-CSA-SRT       | Tiltable Square and Round Pole Bracket                                     |                                        |        |                   |
|                   | MOUNT-CSA-YM        | Adjustable Yoke Mount Bracket                                              |                                        |        |                   |
| G                 | ACCESSORIES/OPTIONS |                                                                            |                                        |        |                   |
|                   | BAA                 | Assembled in America, compliant with BAA (COTS)                            |                                        |        |                   |
|                   | SENSOR-ANT-6-4R*    | Plug-N-Play PIR On/Off/Dimming/Photosensing                                |                                        |        |                   |
|                   | SENSOR-BLE-6-4R*    | Plug-N-Play PIR Bluetooth On/Off/Dimming/Photosensing                      |                                        |        |                   |
|                   | REMOTE-RC100*       | Handheld Remote Commissioning Tool for SENSOR-ANT / SENSOR-BLE (1 per job) |                                        |        |                   |

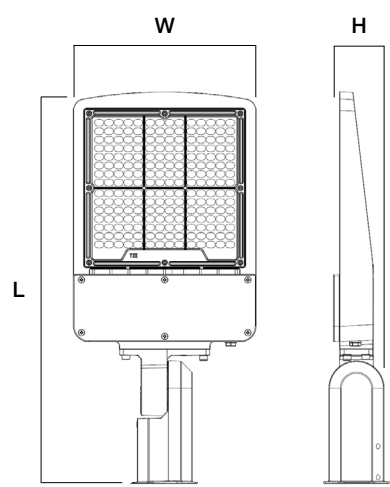
\*see page 5 for sensor spec.

**CONTRACTOR SERIES AREA LIGHT**

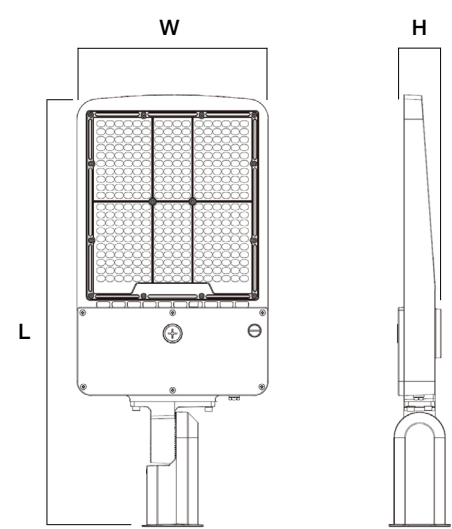
**DIMENSIONS**

| Model   | L              | W              | H            |
|---------|----------------|----------------|--------------|
| CSA-200 | 19.86" (505mm) | 9.25" (235mm)  | 2" (51mm)    |
| CSA-300 | 23.48" (597mm) | 10.39" (264mm) | 2.36" (60mm) |

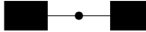
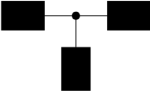
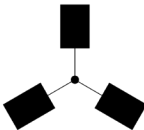
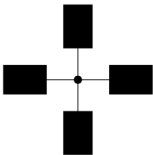


CSA-200



CSA-300

**EPA (ft<sup>2</sup>)**

|                 |  |  |  |  |  |  |  |
|-----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Mounting Option | Single                                                                              | 2 @ 90°                                                                             | 2 @ 120°                                                                            | 2 @ 180°                                                                            | 3 @ 90°                                                                               | 3 @ 120°                                                                              | 4 @ 90°                                                                               |
| 200W            | 0.253                                                                               | 0.459                                                                               | 0.562                                                                               | 0.506                                                                               | 0.712                                                                                 | 0.768                                                                                 | 0.712                                                                                 |
| 300W            | 0.309                                                                               | 0.532                                                                               | 0.658                                                                               | 0.618                                                                               | 0.841                                                                                 | 0.881                                                                                 | 0.841                                                                                 |

## CONTRACTOR SERIES AREA LIGHT

### PERFORMANCE DATA

| MODEL   | SYSTEM WATTS | VOLTAGE  | LUMENS | EFFICACY |
|---------|--------------|----------|--------|----------|
| CSA-200 | 80W          | 120-277V | 13200  | 165      |
|         | 120W         | 120-277V | 19200  | 160      |
|         | 160W         | 120-277V | 24800  | 155      |
|         | 200W         | 120-277V | 30000  | 150      |
|         |              |          |        |          |
| CSA-300 | 120W         | 120-277V | 19560  | 163      |
|         | 180W         | 120-277V | 28440  | 158      |
|         | 240W         | 120-277V | 36700  | 153      |
|         | 300W         | 120-277V | 44400  | 148      |

## CONTRACTOR SERIES AREA LIGHT

### SENSOR SPEC

| Model                                      | Type | Mounting   | Coverage    | Input                 | Function             | Programmable                           |
|--------------------------------------------|------|------------|-------------|-----------------------|----------------------|----------------------------------------|
| Integrated Photocell                       | -    | -          | -           | Universal<br>120-270V | Dusk-to-Dawn Control | -                                      |
| SENSOR-ANT-6-4R<br>(see page 6 for detail) | PIR  | up to 40FT | 30FT radius | 12V DC ~<br>24 V DC   | On/Off/Dimming       | REMOTE-RC100                           |
| SENSOR-BLE-6-4R<br>(see page 7 for detail) | PIR  | up to 40FT | 30FT radius | 12V DC ~<br>24 V DC   | On/Off/Dimming       | ALS Control<br>Bluetooth<br>Mobile App |



Integrated Photocell



SENSOR-ANT-6-4R  
 SENSOR-BLE-6-4R

## FEATURE

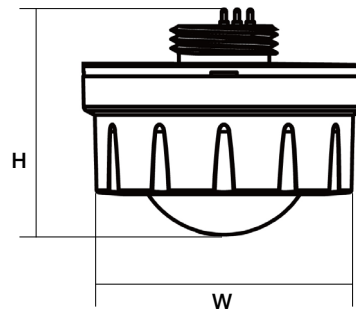
- **Installation:** Plug-N-Play via AUX Socket on Attached Fixture
- **Commissioning:** through RC100 Remote Control
- **Control:** Hold time, High-Low setting, Continuous Bi-Level Dimming, Code-Compliant Manual-On or Auto-Off Capability
- **Sensor:** Motion (Occupancy/Vacancy/Manual) and Daylight Harvesting
- **Factory Default:** 100% Sensitivity / Hold on Time: 5mins / Daylight Sensor is ☼ / Dimming Level: 30% / Dimming Time: 60mins



## SPECIFICATIONS

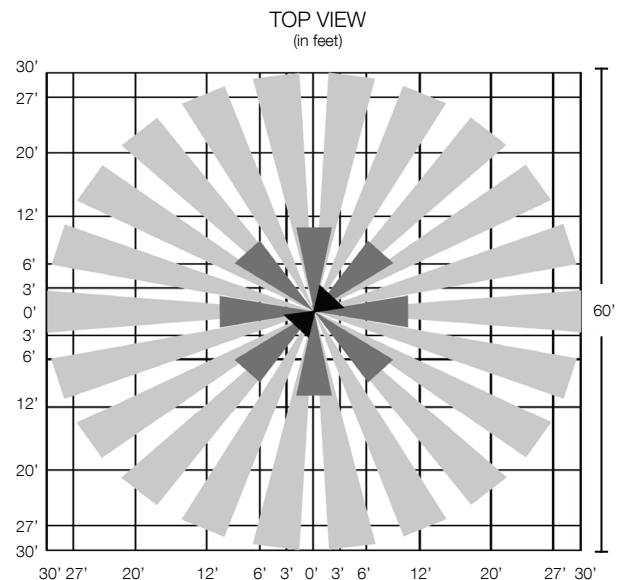
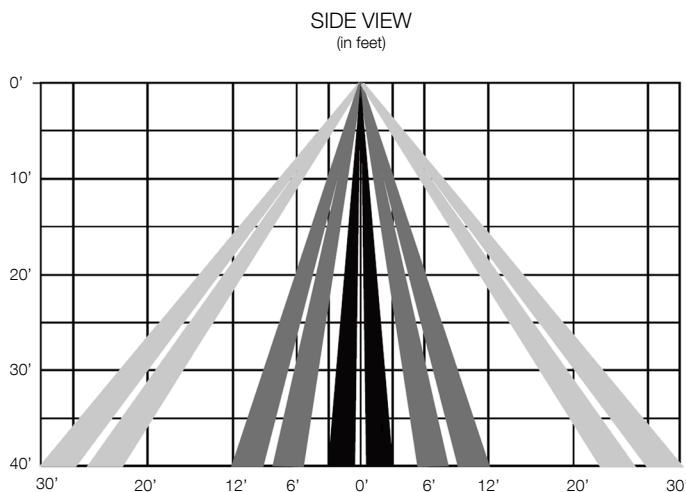
|                             |                               |
|-----------------------------|-------------------------------|
| <b>SENSOR TYPE:</b>         | Passive Infrared Sensor (PIR) |
| <b>STANDARD OPTION:</b>     | SENSOR-ANT-6-4R               |
| <b>INPUT VOLTAGE:</b>       | 12-24VDC, >30mA               |
| <b>LIGHT CONTROL:</b>       | 24H / 10 ~ 50LUX              |
| <b>CONTROL OUTPUT:</b>      | 0-10V                         |
| <b>OPERATING TEMP:</b>      | -4°F ~ +140°F (-20°C ~ +60°C) |
| <b>COMMISSIONING RANGE:</b> | 50FT from Remote Control      |
| <b>TIME SETTING:</b>        | 10sec ~ 60min (adjustable)    |
| <b>DETECTION ANGLE:</b>     | 360°                          |
| <b>MOUNTING HEIGHT:</b>     | Up to 40FT.                   |
| <b>WARRANTY:</b>            | 5 years                       |
| <b>IP RATING:</b>           | IP65                          |

## DIMENSIONS



| H                 | W                 |
|-------------------|-------------------|
| 1.76"<br>(44.7mm) | 2.15"<br>(54.5mm) |

## COVERAGE PATTERNS



## ORDER CODES

SENSOR-ANT-6-4R Plug-N-Play PIR On/Off/Dimming/Photosensing



### FEATURE

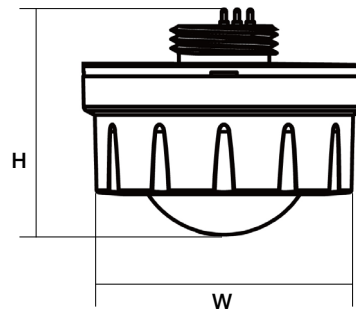
- **Installation:** Plug-N-Play via AUX Socket on Attached Fixture
- **Commissioning:** Wirelessly through ALS Control Mobile App (iOS / Android)
- **Control:** Hold time, High-Low setting, Continuous Bi-Level Dimming, Code-Compliant Manual-On or Auto-Off Capability
- **Sensor:** Motion (Occupancy/Vacancy/Manual) and Daylight Harvesting
- **Factory Default:** 100% Sensitivity / Hold on Time: 5mins / Daylight Sensor is ☼ / Dimming Level: 30% / Dimming Time: 60mins



### SPECIFICATIONS

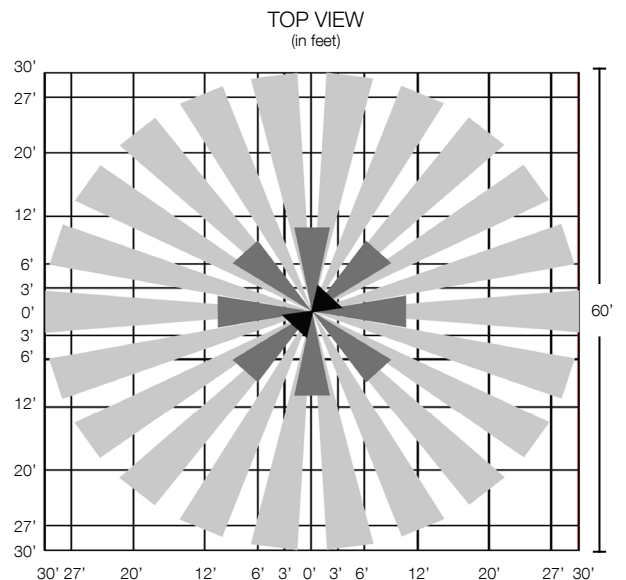
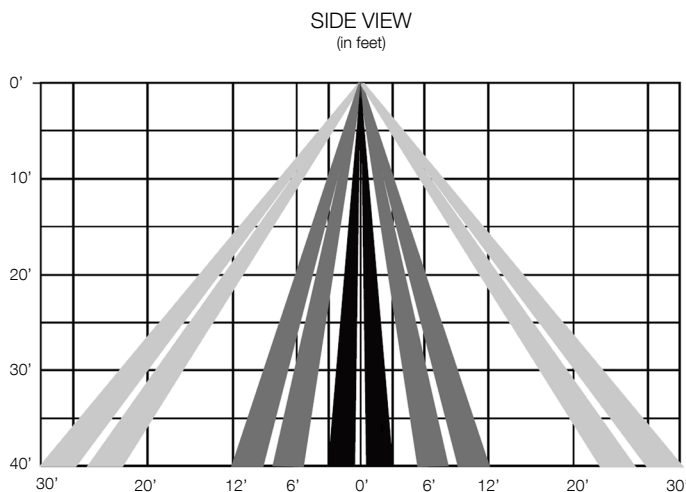
|                             |                               |
|-----------------------------|-------------------------------|
| <b>SENSOR TYPE:</b>         | Passive Infrared Sensor (PIR) |
| <b>STANDARD OPTION:</b>     | SENSOR-ANT-6-4R               |
| <b>INPUT VOLTAGE:</b>       | 12-24VDC, >30mA               |
| <b>LIGHT CONTROL:</b>       | 24H / 10 ~ 50LUX              |
| <b>CONTROL OUTPUT:</b>      | 0-10V                         |
| <b>OPERATING TEMP:</b>      | -4°F ~ +140°F (-20°C ~ +60°C) |
| <b>COMMISSIONING RANGE:</b> | 50FT                          |
| <b>TIME SETTING:</b>        | 10sec ~ 60min (adjustable)    |
| <b>DETECTION ANGLE:</b>     | 360°                          |
| <b>MOUNTING HEIGHT:</b>     | Up to 40FT.                   |
| <b>WARRANTY:</b>            | 5 years                       |
| <b>IP RATING:</b>           | IP65                          |

### DIMENSIONS



| H                 | W                 |
|-------------------|-------------------|
| 1.76"<br>(44.7mm) | 2.15"<br>(54.5mm) |

### COVERAGE PATTERNS



### ORDER CODES

**SENSOR-BLE-6-4R** Plug-N-Play PIR Bluetooth/On/Off/Dimming/Photosensing



### FEATURE

The Remote control wireless IR configuration tool is a handheld tool for remote configuration of IR-enabled fixture integrated sensors. The tool enables device to modify via push button and stores up to four sensor parameter modes to speed configuration of multiple sensors.

|                           | PROGRAMMABLE                                                                                                                                                                              | RESET                                                                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>COMPATIBLE SENSORS</b> | SENSOR-ANT-6-4R<br>SENSOR-ANT-6-4T<br>SENSOR-ANT-6-4T-EM<br>SENSOR-ANT-6-4T-H<br>SENSOR-ANT-6-4T-H-EM<br>SENSOR-ANT-7<br>SENSOR-ANT-3C-B1<br>SENSOR-819-D1/D2<br>SENSOR-823<br>SENSOR-820 | SENSOR-BLE-6-4R<br>SENSOR-BLE-6-4T<br>SENSOR-BLE-7<br>SENSOR-BLE-7D<br>SENSOR-BLE-819<br>SENSOR-BLE-619<br>CONTROL-BLE-5-4T<br>WALLSWITCH-BLE-101<br>WALLSWITCH-BLE-204 |

### SPECIFICATION

#### Carrying Case

RC-100 in Carrying Case

#### Commissioning Range

Up to 50FT (15mm)

#### Operating Temp

32F ~ 122F (0°C ~ 50°C)

#### Power

2 x AAA 1.5V Alkaline batteries



#### Dimension

L - 4.84" (123mm)  
W - 2.76" (70mm)  
H - .80" (20.3mm) Thickness

#### BRIGHTNESS

Set output level (in 70%, 80%, 90%, or 100%) of connected lighting during occupancy.

#### SENSITIVITY

Set the sensitivity (in 20%, 50%, 75%, or 100%) of the occupancy sensor.

#### HOLD TIME

Set the time (in 10s, 1m, 5m, 10m, 16m, 20m, 30m, or 60m) that the fixture will hold at normal output after the space is vacant.

#### DAYLIGHT SENSOR

Set the threshold of natural light (in 10, 30, or 50) as setpoint to light on automatically for the sensor. If natural light is above the selected threshold, fixture will shut off. Set daylight (in 100, 300, 500) as setpoint to light off.

#### STAND-BY DIM/TIME

**DIM:** Set the output level (in 0%, 10%, 30%, or 50%) of the fixture during vacancy. This will only take place after Hold Time has elapsed.

**TIME:** Set the time (+∞, 1m, 30m, or 50m) that the sensor will remain in stand-by mode before powering down.

#### ON/OFF

Use this to manually power a fixture on or off.

#### AUTO

Press Auto to engage/unlock a sensor.

Press Auto, then press Display to show the sensors current setting parameters.

#### DISPLAY

Press to Display to view current setting parameters for each function. LED indicators will highlight current settings.

#### DIRECTIONAL ARROWS

Use the arrows to navigate the setting options by pressing up/down or left/right.

#### SEND

Press Send to upload displayed settings to individual sensor/fixture. The fixture will blink on and off to confirm new settings.

#### SMART DAYLIGHT SENSOR

Open and or close smart daylight sensor.

Press up/down arrows buttons to enter setting condition, the parameters LEDs of remote control will flash to be selected.

#### TEST

Used to test sensitivity of occupancy sensing.

Press Test, then the fixture will enter Test Mode, where Hold Time is only 2s.

While Test Mode is active, Stand-By and Daylight sensing will be disabled.

Press Auto to exit Test Mode.

#### RESET

Press Reset to put all parameters back to default settings.

#### MODE

Press the Mode # that you want to save.

Use Directional Arrows to select new parameters. Press OK to confirm.

