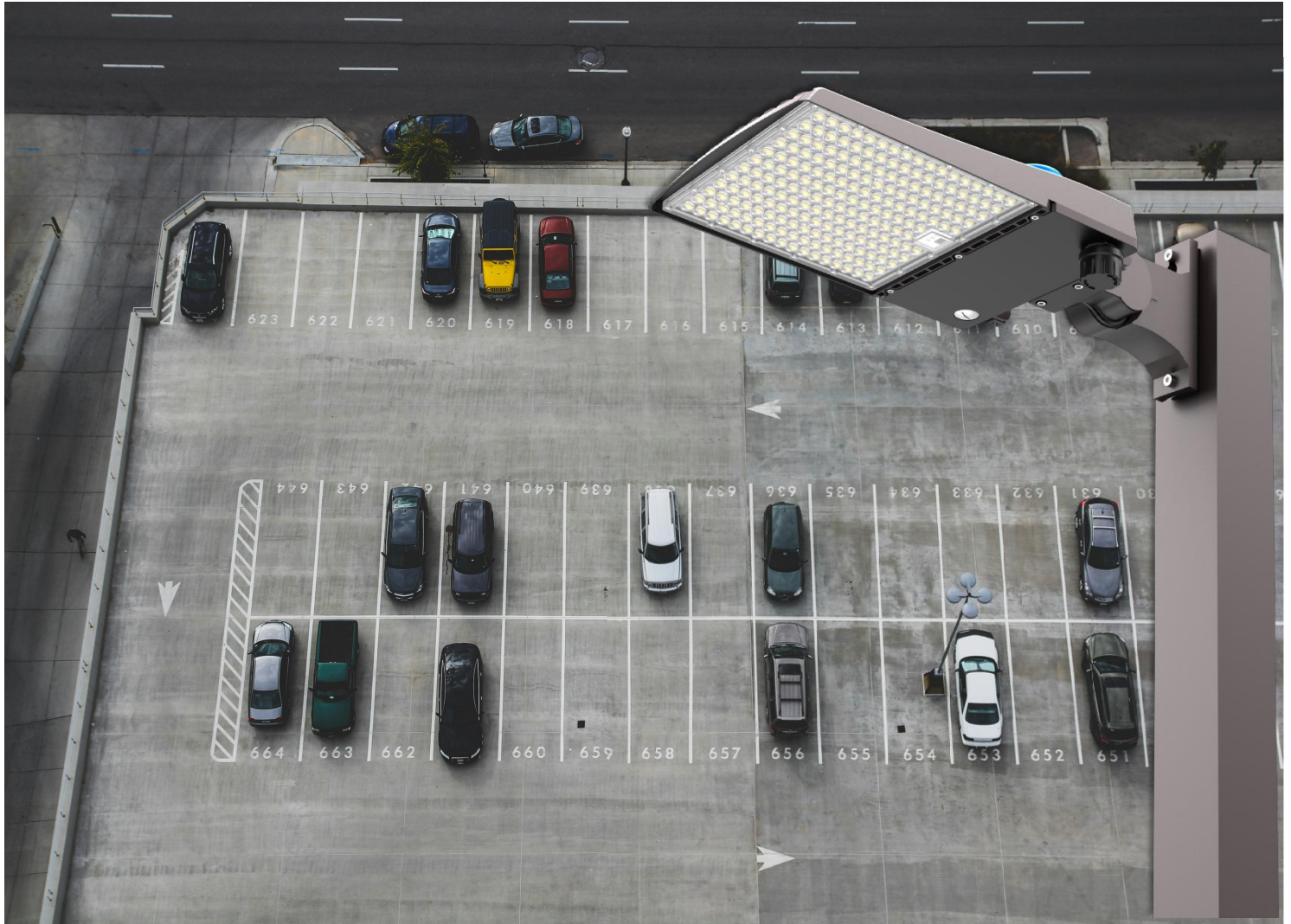




### Description

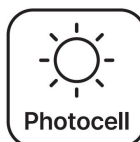
This LED Area light is perfect for Area Lighting and good for medium-height parking lot poles and new construction applications in industrial outdoor applications, such as parking lots, roadways, and outdoor applications. Photocell and motion sensor available. A 3 CCT & Wattage DIP switch helps the customer to save SKUs. High cost-effective solution with high efficacy.

### Application

- Parking lots
- Roadways
- Outdoor applications

### Certificate

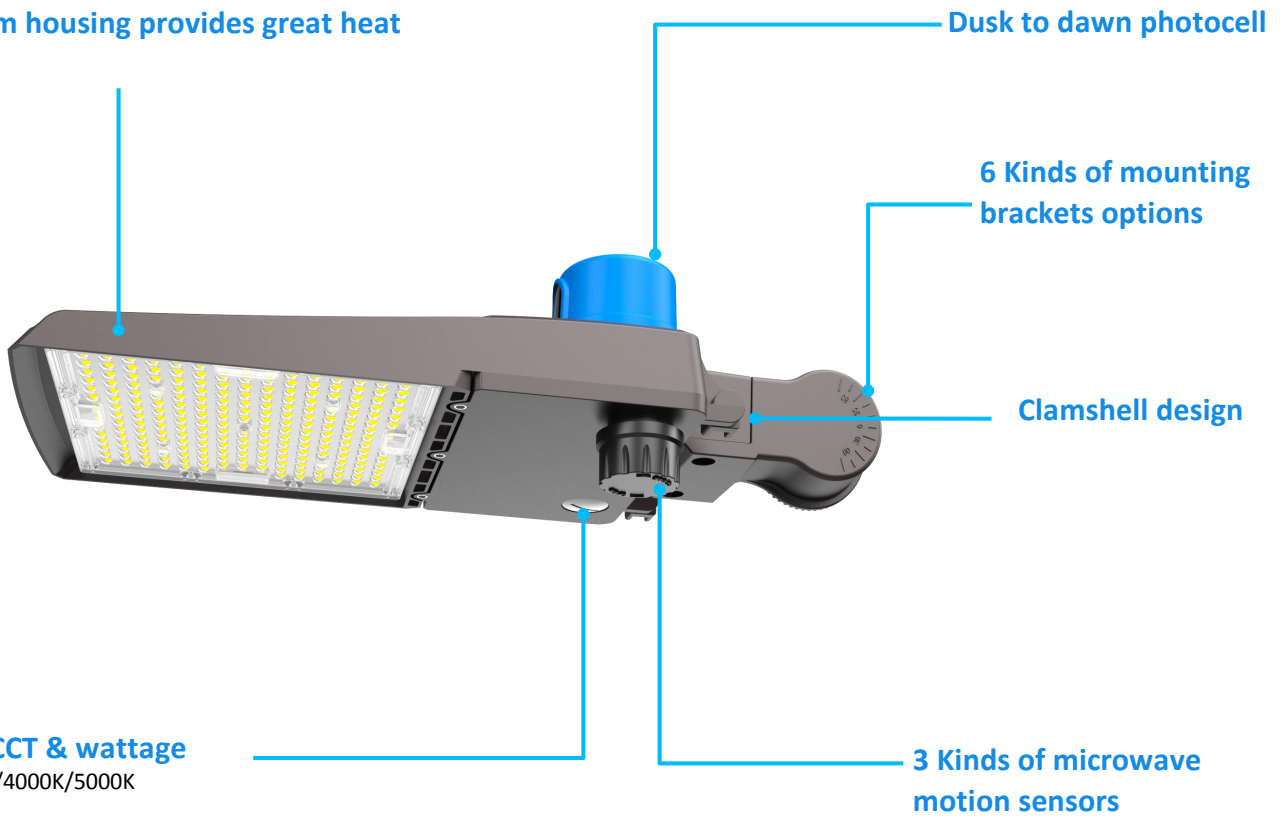
- UL
- DLC



## Key Features

- North American Style Design.
- High efficacy up to 178lm/W.
- 3 CCT(3000/4000/5000K) & 3 wattages selectable.
- 6 kinds of mounting brackets available (SF, DI, UDI, SR, YM,TR).
- Zhaga socket microwave motion sensor available.
- Photocell dusk to dawn function available.

**Die-cast aluminum housing provides great heat dissipation**

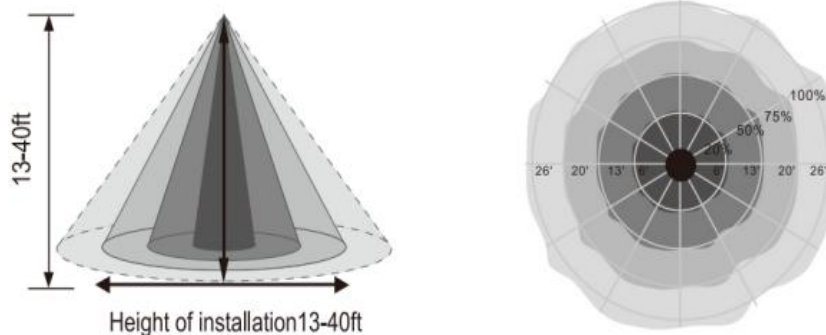


## Field-adjustable CCT & wattage

3CCT Selectable: 3000K/4000K/5000K  
3 Wattage Selectable.



## Sensor Coverage



Performance Summary

| Model NO. #        | Size               | Watts                      | Voltage                    | CCT                                        | CRI    | DIM   | Distribution                                                                                 |
|--------------------|--------------------|----------------------------|----------------------------|--------------------------------------------|--------|-------|----------------------------------------------------------------------------------------------|
| SB08-100L/M-X-YY-Z | 422.4*219.9*52.5mm | 100/80/60W<br>Selectable   | AC120V-277V<br>AC120V-347V | 3CCT Selectable<br>3000K<br>4000K<br>5000K | CRI>70 | 0-10V | Single CCT:<br>Type II, Type III,<br>Type IV, Type V<br><br>CCT Selectable:<br>Type III only |
| SB08-150L/M-X-YY-Z | 422.4*219.9*52.5mm | 150/120/100W<br>Selectable |                            |                                            |        |       |                                                                                              |
| SB08-200L/M-X-YY-Z | 461.6*256.9*52.5mm | 200/180/150W<br>Selectable |                            |                                            |        |       |                                                                                              |
| SB08-240L/M-X-YY-Z | 509.3*301.9*52.2mm | 240/200/180W<br>Selectable |                            |                                            |        |       |                                                                                              |
| SB08-300L/M-X-YY-Z | 509.3*301.9*52.2mm | 300/240/200W<br>Selectable |                            |                                            |        |       |                                                                                              |

Remarks: SB08-100L/M-X-YY-Z, L=AC120-277V,M=AC120-347V; X denotes control type; YY denotes color temperature; Z denotes distribution.  
CCT & Power Selectable models ship preset at the highest CCT and the highest wattage.

Lumen Output (Single CCT)

| Wattage | Distributuion Type | 3000K 70CRI |     | 5000K 70CRI |     |
|---------|--------------------|-------------|-----|-------------|-----|
|         |                    | Lumens      | LPW | Lumens      | LPW |
| 100W    | Type III           | 17744       | 174 | 17850       | 174 |
| 150W    | Type III           | 24212       | 161 | 25017       | 163 |
| 200W    | Type III           | 33016       | 161 | 33959       | 164 |
| 240W    | Type III           | 40368       | 167 | 41619       | 171 |
| 300W    | Type III           | 47838       | 155 | 50230       | 163 |

For single CCT version only. Please contact factory for other data not shown here.

Lumen Output (3CCT Selectable)

| Wattage | Distribution Type | 3000K 70CRI |     | 4000K 70CRI |     | 5000K 70CRI |     |
|---------|-------------------|-------------|-----|-------------|-----|-------------|-----|
|         |                   | Lumens      | LPW | Lumens      | LPW | Lumens      | LPW |
| 100W    | Type III          | 15478       | 157 | 16553       | 172 | 17040       | 171 |
| 150W    | Type III          | 21829       | 149 | 24195       | 172 | 23940       | 161 |
| 200W    | Type III          | 29346       | 149 | 32334       | 170 | 31845       | 160 |
| 240W    | Type III          | 37827       | 160 | 40794       | 178 | 40183       | 167 |
| 300W    | Type III          | 43526       | 150 | 48355       | 173 | 47668       | 161 |

For CCT selectable version only. Please contact factory for other data not shown here.

Performance

- Housing: Die-cast Aluminum
  - Finish: Bronze(Standard)
  - Lens: Polycarbonate
  - LED Type: 2835
- Power Factor: ≥0.90
  - Frequency: 50/60 Hz
  - IP Rating: IP65
  - THD: 20%
- Surge Protection: L/N 6KV, L/N-P 6KV
  - Operating Temp.: -40°F to 113°F (-40°C to +45°C)
  - Storage Temp.: -40°F to 158°F (-40°C to +70°C)
  - Warranty: 5 Years

Accessories (Sold Separately)



DC Zhaga microwave motion sensor (Haisen)



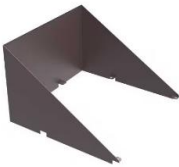
DC Zhaga microwave motion sensor (Sharkward)



DC Plug-in microwave motion sensor (Sharkward)



AC Photocell (Dusk to dawn)



Glare Shield

Mounting Bracket



Slip Fitter(SF)



Direct Mount(DI)



Universal Direct Mount(UDI)



Square/Round Pole Bracket(SR)



Yoke Mount(YM)



Trunnion Mount(TR)

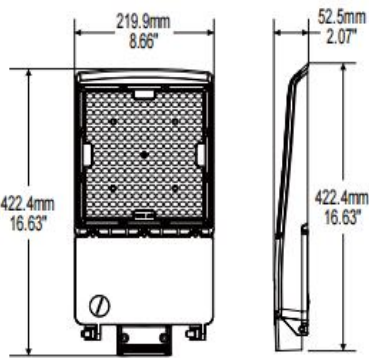
Luminaire EPA

| Fixture Quantity   | Single                                                                               |
|--------------------|--------------------------------------------------------------------------------------|
| DI Mouting Bracket |  |
| 100W & 150W        | 0.53                                                                                 |
| 200W               | 0.54                                                                                 |
| 240W & 300W        | 0.56                                                                                 |

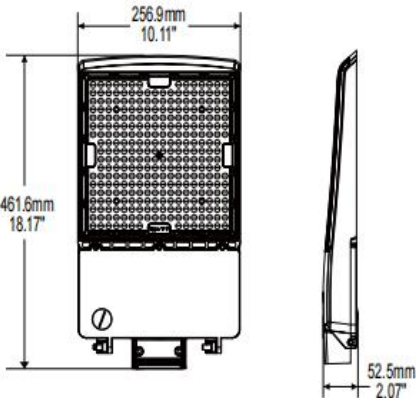
EPA data for fixture with DI bracket. Other accessories not included.

Product Dimension

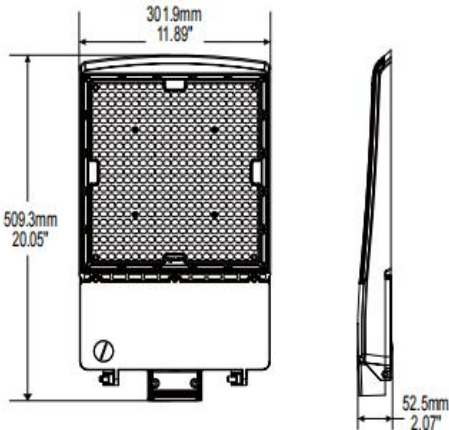
(unit: mm & inch)



100W&150W



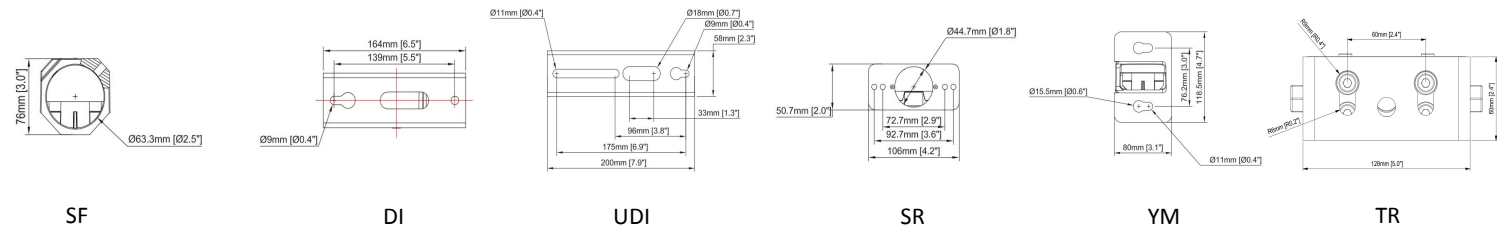
200W



240W&300W

Dimension For Mounting Bracket

(unit: mm & inch)



Packing Info

(Fixture only, not include bracket base or mounting bracket)

| Model Size | Wattage | Product size (mm&inch)                  | Carton Size (mm&inch)              | PCS/CTN | Net Weight (KG) | Gross Weight (KG) | 20GP | 40GP | 40HQ |
|------------|---------|-----------------------------------------|------------------------------------|---------|-----------------|-------------------|------|------|------|
| SB08-100   | 100W    | 422.4*219.9*52.5<br>16.61"X8.66"X2.07"  | 575*285*125<br>22.63"X11.22"X4.92" | 1       | 2.35            | 3.35              | 1366 | 2636 | 3319 |
| SB08-150   | 150W    | 422.4*219.9*52.5<br>16.61"X8.66"X2.07"  | 575*285*125<br>22.63"X11.22"X4.92" | 1       | 2.35            | 3.35              | 1366 | 2636 | 3319 |
| SB08-200   | 200W    | 461.6*256.9*52.5<br>18.17"X10.11"X2.07" | 621*335*125<br>24.44"X13.18"X4.92" | 1       | 2.95            | 3.95              | 1076 | 2076 | 2614 |
| SB08-240   | 240W    | 509.3*301.9*52.5<br>20.05"X11.89"X2.07" | 660*381*125<br>25.98"X15"X4.92"    | 1       | 3.50            | 4.50              | 890  | 1717 | 2162 |
| SB08-300   | 300W    | 509.3*301.9*52.5<br>20.05"X11.89"X2.07" | 660*381*125<br>25.98"X15"X4.92"    | 1       | 3.50            | 4.50              | 890  | 1717 | 2162 |

Packing Info

(Bracket base & Mounting bracket)

| Mounting Bracket Type | Inner Box Size (mm&inch)          | PCS/BOX | Carton Size (mm&inch)               | PCS/CTN | Net Weight (KG) | Gross Weight (KG) | 20GP  | 40HQ  |
|-----------------------|-----------------------------------|---------|-------------------------------------|---------|-----------------|-------------------|-------|-------|
| SF Mount              | 108*84*240<br>4.25"X3.31"X9.45"   | 1       | 360*230*260<br>14.17"X9.06"X10.24"  | 8       | 9.04            | 9.84              | 10405 | 25269 |
| DI Mount              | 175*110*245<br>6.89"X4.33"X9.65"  | 1       | 465*370*265<br>18.31"X14.57"X10.43" | 8       | 12.24           | 13.14             | 4913  | 11930 |
| YM Mount              | 128*90*205<br>5.04"X3.54"X8.07"   | 1       | 538*195*225<br>21.18"X7.68"X8.86"   | 8       | 7.84            | 8.84              | 9489  | 23046 |
| SR Mount              | 175*110*295<br>6.89"X4.33"X11.61" | 1       | 460*365*310<br>18.11"X14.37"X12.20" | 8       | 18.08           | 19.14             | 4302  | 10451 |
| UDI Mount             | 210*110*260<br>8.27"X4.33"X10.24" | 1       | 465*438*280<br>18.31"X17.24"X11.02" | 8       | 13.4            | 14.14             | 3926  | 9538  |
| TR Mount              | 185*160*80<br>7.28"X6.29"X3.14"   | 1       | 350*335*205<br>13.77"X13.18"X8.07"  | 8       | 10.4            | 11.4              | 9319  | 22632 |