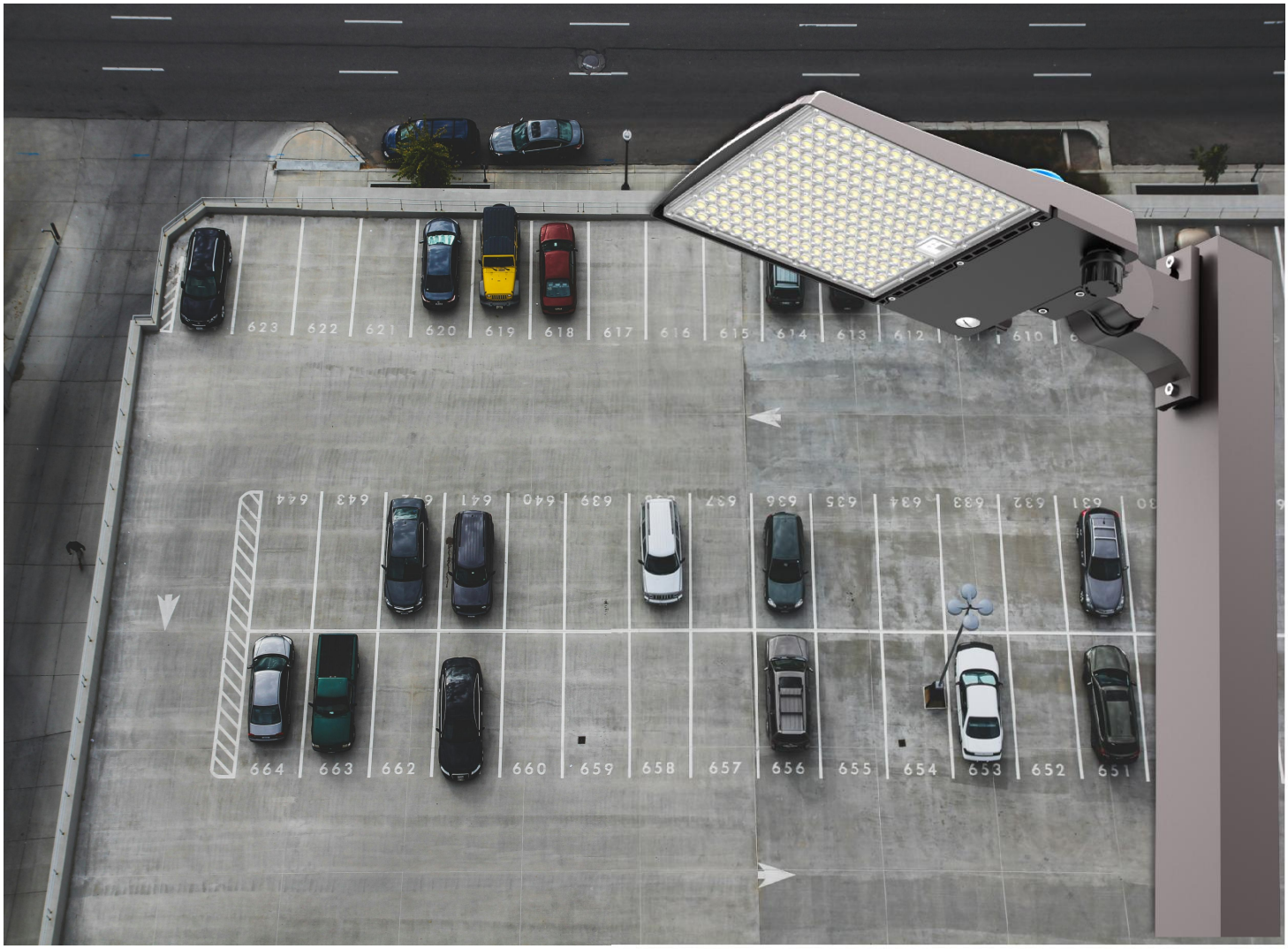
www.rzledlighting.com

LED Area Light - SB08

Ultra Economy, Power & 3CCT Selectable

Rev.8/27/25



Description

RZ 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

CERTIFIED | DLC LISTED PREMIUM | 3WATTS SELECTABLE | 3CCT SELECTABLE | Photocell | Microwave | IP65 | 5 YEARS WARRANTY

Add: 4F, Bldg. B, Zhongjing Sci-Tech Park, 606 Fengtang Blvd, Bao'an, Shenzhen, China 518103 | T: +86-755-27803791 | W: www.rzledlighting.com
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LED Area Light - SB08

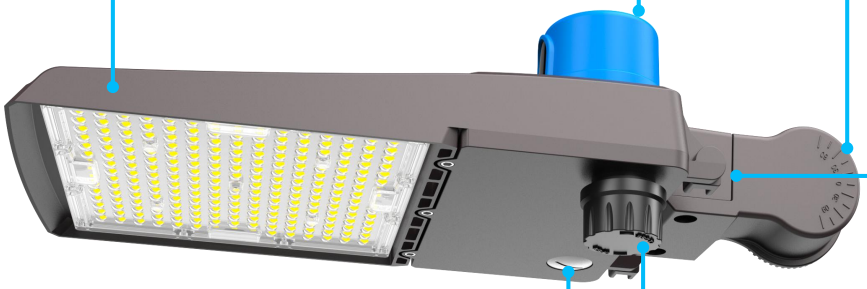
Key Features

- 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/Plug-in receptacle microwave motion sensor available.
- Photocell dusk to dawn function available.

Die-cast aluminum housing provides great heat dissipation

Dusk to dawn photocell

6 Kinds of mounting brackets options



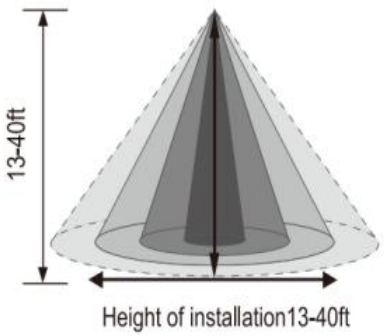
Clamshell design

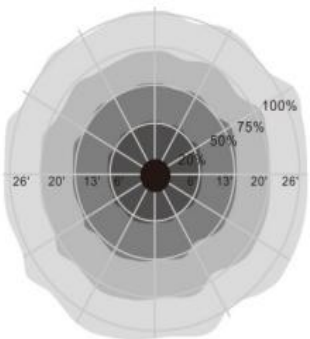
Field-adjustable CCT & wattage
3CCT Selectable: 3000K/4000K/5000K
3 Wattage Selectable.

3 Kinds of microwave motion sensors



Sensor Coverage





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LED Area Light - SB08

Performance Summary

Model NO. #	Watts	Voltage	CCT	CRI	DIM	Distribution
SB08-100L/M-X-YY-Z	100/80/60W Selectable	AC120V-277V AC120V-347V	3CCT Selectable 3000K 4000K 5000K	CRI>70	0-10V	Type III, Type IV, Type V
SB08-150L/M-X-YY-Z	150/120/100W Selectable					Type III, Type IV, Type V
SB08-200L/M-X-YY-Z	200/180/150W Selectable					Type III, Type V
SB08-240L/M-X-YY-Z	240/200/180W Selectable					Type III, Type IV, Type V
SB08-300L/M-X-YY-Z	300/240/200W Selectable					Type III, Type IV, Type V

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

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Accessories (Sold Separately)



DC Zhaga microwave motion sensor
(Haisen)



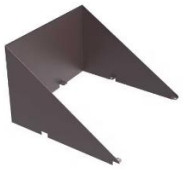
DC Zhaga microwave motion sensor
(Sharkward)



DC Plug-in microwave motion sensor
(Sharkward)



AC Photocell
(Dusk to dawn)



Glare Shield

Mounting Bracket



Slip Fitter(SF)



Direct Mount(DI)



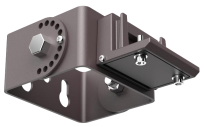
Universal Direct Mount(UDI)



Square/Round Pole Bracket(SR)



Yoke Mount(YM)



Trunnion Mount(TR)

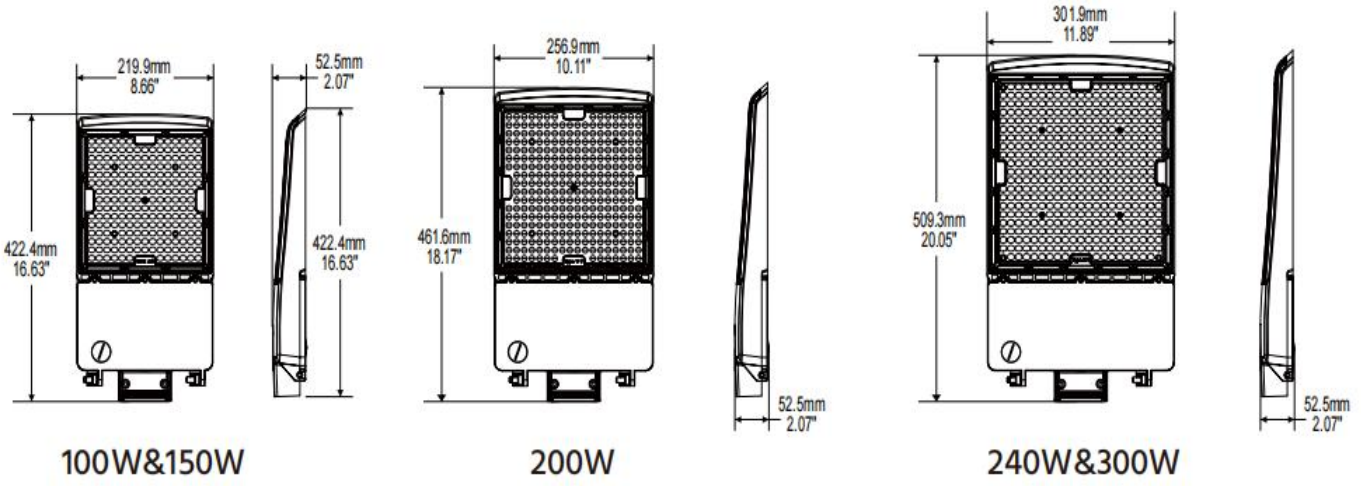
Luminaire EPA

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)



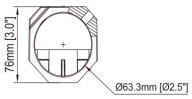
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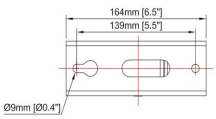
LED Area Light - SB08

Dimension For Mounting Bracket

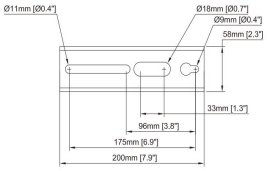
(unit: mm & inch)



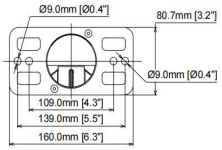
SF



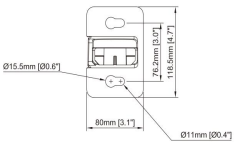
DI



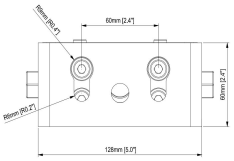
UDI



SR



YM



TR

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 16.61"X8.66"X2.07"	575*285*125 22.63"X11.22"X4.92"	1	2.35	3.35	1366	2636	3319
SB08-150	150W	422.4*219.9*52.5 16.61"X8.66"X2.07"	575*285*125 22.63"X11.22"X4.92"	1	2.35	3.35	1366	2636	3319
SB08-200	200W	461.6*256.9*52.5 18.17"X10.11"X2.07"	621*335*125 24.44"X13.18"X4.92"	1	2.95	3.95	1076	2076	2614
SB08-240	240W	509.3*301.9*52.5 20.05"X11.89"X2.07"	660*381*125 25.98"X15"X4.92"	1	3.50	4.50	890	1717	2162
SB08-300	300W	509.3*301.9*52.5 20.05"X11.89"X2.07"	660*381*125 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 4.25"X3.31"X9.45"	1	360*230*260 14.17"X9.06"X10.24"	8	9.04	9.84	10405	25269
DI Mount	175*110*245 6.89"X4.33"X9.65"	1	465*370*265 18.31"X14.57"X10.43"	8	12.24	13.14	4913	11930
YM Mount	128*90*205 5.04"X3.54"X8.07"	1	538*195*225 21.18"X7.68"X8.86"	8	7.84	8.84	9489	23046
SR Mount	175*110*295 6.89"X4.33"X11.61"	1	460*365*310 18.11"X14.37"X12.20"	8	18.08	19.14	4302	10451
UDI Mount	210*110*260 8.27"X4.33"X10.24"	1	465*438*280 18.31"X17.24"X11.02"	8	13.4	14.14	3926	9538
TR Mount	185*160*80 7.28"X6.29"X3.14"	1	350*335*205 13.77"X13.18"X8.07"	8	10.4	11.4	9319	22632

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