SNOWBALL
LIGHTING INCORPORATED

SIGMALUX
COMMERCIAL LIGHTING

Tunable LED Area Light (AR07)

Field-selectable wattages: 150/100/70W | 200/150/100W | 300/240/200W | 500/450/400W



This area light features outstanding photometric performance, uniform illumination, low-profile design, high efficacy, long lifespan, and easy installation. The one piece die-cast aluminum housing with UV resistant powder coatfinish offers outstanding corrosion protection. Ideal for use in various commercial environments, such as auto dealerships, parking lots, walkways, roadways, campuses, facade lighting, grocery stores and other public areas.

5 YEARS WARRANTY

CERTIFIED

RoHS

FEATURES

- High luminous efficiency and long working life.
- High efficiency LED Driver, the wide range input voltage AC120-277V/AC120-347V/AC277-480V.
- Die-cast aluminum cooling design, high quality and better cooling for LED Tj < 85°C.
- Excellent optics design, greatly improve the light utilization and evenness.
- Motion sensor control available (Optional)

SPECIFICATION				
MODEL	SB-AR07-150W-H-TCP	SB-AR07-200W-H-TCP	SB-AR07-300W-H-TCP	SB-AR07-500W-H-TCP
WATTAGE	150/100/70W Tunable	200/150/100W Tunable	300/240/200W Tunable	500/450/400W Tunable
LUMENS	23186LM(Max)	31220LM(Max)	46659LM(Max)	73430LM(Max)
CCT	3000K/4000K/5000K Tunable			
CRI	Ra>70			
INPUT VOLTAGE	AC120-277V			
DISTRIBUTION	Type Ⅱ, TypeⅢ, Type Ⅳ, Type Ⅴ			
POWER FACTOR	0.95			
DRIVER EFFICACY	90%			
DIMMING	0-10Vdc			
LIFE SPAN	over 50,000 hrs			
WORKING TEMPERATURE	-40℉~113℉			
STORAGE TEMPERATURE	-40℉~176℉			
OUTDOOR RATING	Wet location/IP65			
WARRANTY	5 years limited			

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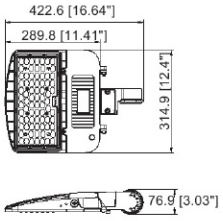
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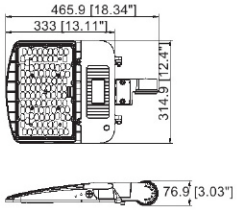
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DIMENSION (ORDERING GUIDE):

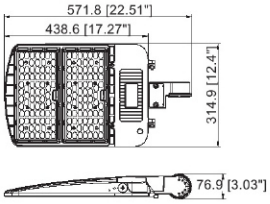
150/100/70W



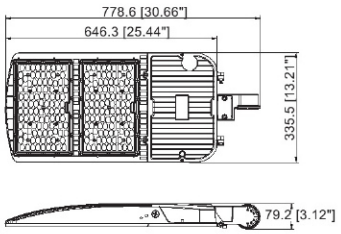
200/150/100W



300/240/200W



500/450/400W



Wattage	Packing	Size	Net weight	Gross Weight	pcs/ctn
150/100/70W	Outer Packing Size	L14.29xW12.8xH3.94 inch L363xW325xH100 mm	6.57 LBS(2.98Kg)	8.00 LBS(3.63Kg)	1pcs/ctn
200/150/100W	Outer Packing Size	L15.87xW12.8xH3.94 inch L403xW325xH100 mm	7.41 LBS(3.36Kg)	10.05 LBS(4.56Kg)	1pcs/ctn
300/240/200W	Outer Packing Size	L20.04xW12.8xH3.94 inch L509xW325xH100 mm	9.5 LBS(4.31Kg)	11.51 LBS(5.22Kg)	1pcs/ctn
500/450/400W	Outer Packing Size	L28.19xW13.58xH3.94 inch L716xW345xH100 mm	17.42 LBS(7.90Kg)	20.28 LBS(9.20Kg)	1pcs/ctn

ACCESSORIES MOUNTING BRACKETS(SOLE SEPARATELY)



TYPE A(Slip-fitter)



TYPE D(Trunnion)



TYPE E(Yoke)



TYPE F(Slip fitter+Arm mounted)



Dark Shield



PIR Sensor



Motion sensor



Surge Protector



Photocell Sensor



RC (Remote Controller)

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Multiple Mounting Options:



TYPE A(Slip-fitter)



TYPE F(Slip-fitter+arm mounted)



TYPE E(Yoke)



TYPE D(Trunnion)

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EXAMPLE:

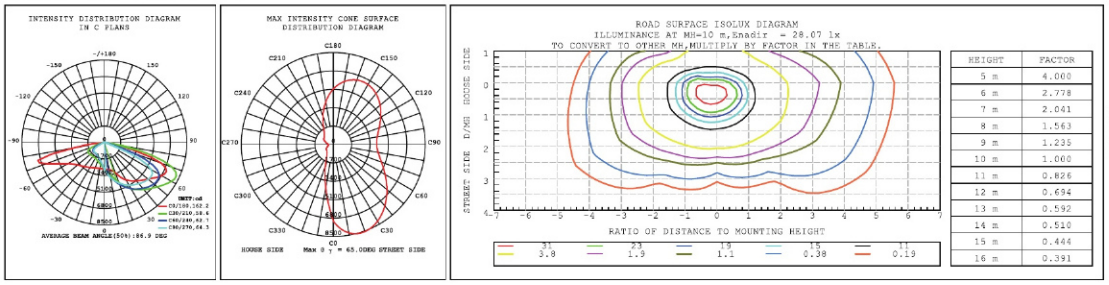
SB-AR07-500W-H-xx-TCP-Y-zz

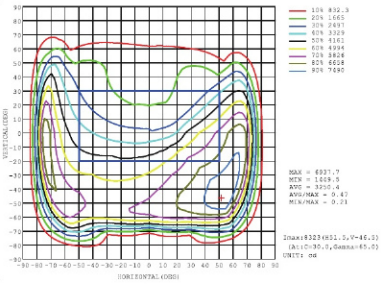
SB	AR07	500W	H	xx	TCP	Y	zz
COMPANY	PRODUCT	POWER	HIGH LUMENS	VOLTAGE	CCT	CONTROL	LIGHT DISTRIBUTION TYPE
Snowball	Area Light	150W=150/100/70W 200W=200/150/100W 300W=300/240/200W 500W=500/450/400W		Blank=120-277V MV=120-347V HV=277-480V	3000K 4000K 5000K	A: PIR sensor (Infrared sensor) B: MS sensor (occupancy sensor) C: BRT sensor (occupancy+bluetooth) D: PHB sensor (Infrared bluetooth) Blank: no provide sensor	T2 T3 T4 T5

DISTRIBUTION

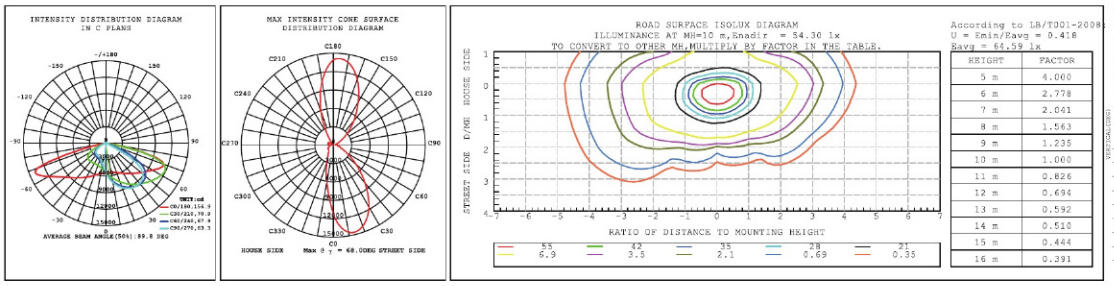
For complete IES files, please visit our website.

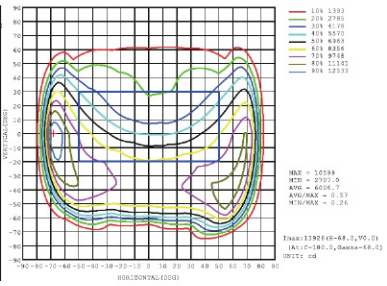
SB-AR07-150W-H-xx-TCP-Y-zz



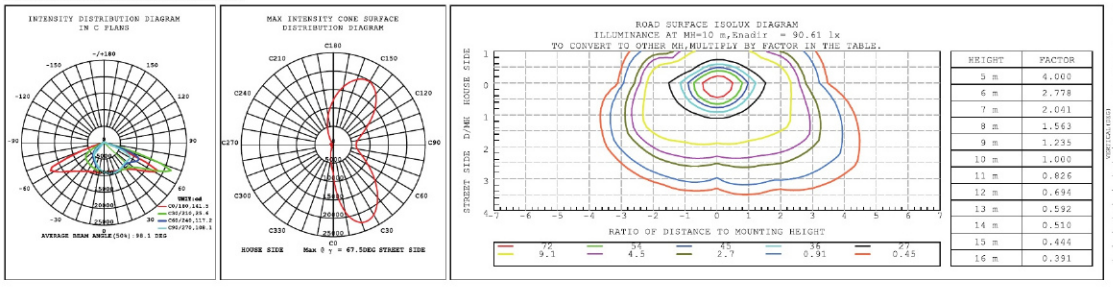


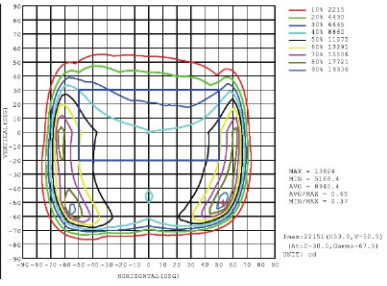
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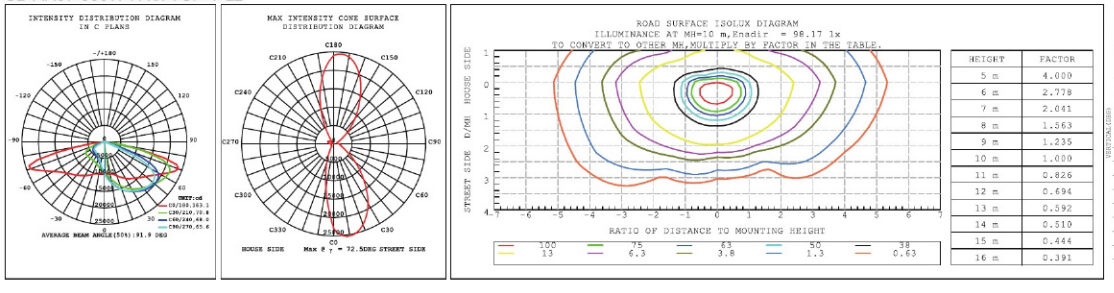


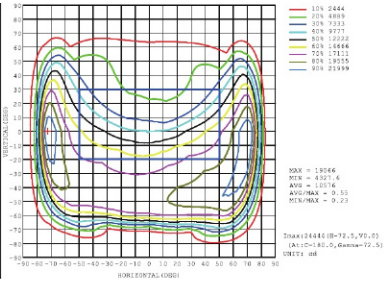
SB-AR07-300W-H-xx-TCP-Y-zz





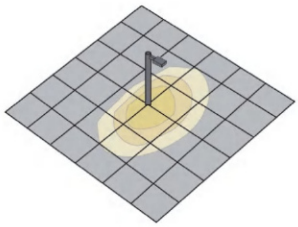
SB-AR07-500W-H-xx-TCP-Y-zz



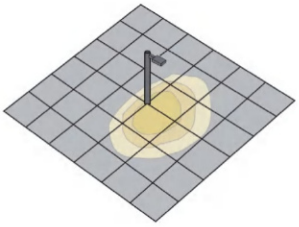


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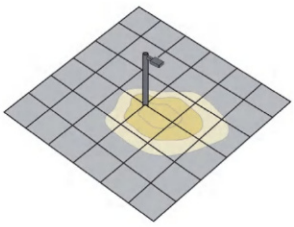
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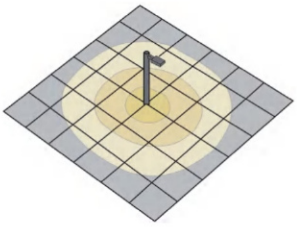
Type II optics produce a pattern that evenly shines light on both sides of the lamp. In a back-to-back configuration, it creates a rectangular pattern.



Type III optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates a rectangular pattern.



Type IV is suitable for applications where light is primarily required forward with minimal backlight. Typical installations include perimeter poles.



Type V optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. Type V luminaires are universal for most area lighting applications.

Applications

