



SB03D | Shoebox Light

Project _____ Type _____

Notes _____ Date _____



TECHNICAL SPECIFICATIONS

Watts	100W	150W	200W	240W	300W	450W
Lumens	± 13,500	± 20,250	± 25,000	± 32,400	± 40,500	± 56,250
Size	See Diagrams			CCT	4000K, 4500K, 5000K, 5700K	
Voltage	AC120-277V (50/60Hz)			IP Rating	IP65 (Water Resistant)	
Dimming	0-10V			Materials	Aluminum, PC	
Beam Angle	Type 3 (150x85°)			Finish	Bronze	
CRI	>70			Lens	Clear	
PF	≥0.9			Lifespan	50,000 hours	

SARIN's LED Shoebox Lights are commonly used to replace high-pressure sodium and metal halide lights to provide energy savings of up to 70%. These area lights are safe for outdoor use and protected from rain, snow, and weak jets of water, such as sprinklers.

Shoebox Lights are perfect for stadiums, parks, billboards, parking lots, and office buildings. This fixture turns on and off instantly without flickering or humming. The lens has a glare-reduction composition that softens the light and makes it more uniform and safe to the eye.

OVERVIEW

Applications: Outdoor (IP65)

Efficacy: 120-135 lm/W

Dimming: 0-10V

LED Type: Seoul/Lumileds 3030

450W LED Type: Bridgelux 3030

Driver: Daermay

Operating Temp: -31° to 113° F

Operating Humidity: 20%-90% RH

Lifespan: 50,000 hours

Warranty: 5 years

FEATURES

Compliance: Dark Sky compliant when CCT is 3000K and fixture is mounted with an extruded arm.

Optional Accessories:

- Half Shield
- Full Shield
- Surge Protector

Mount Options:

- Type A Slip Fitter
- Type B Extruded Arm
- Type C Small Yoke
- Type D Large Yoke





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ORDER FORM

Custom housing colors available upon request.

Custom Model Assembly

Fixture	CCT (K)	Watts (W)	Beam Angle	Voltage	Mounting	Accessories
<input type="checkbox"/> SB03D	<input type="checkbox"/> 4000	<input type="checkbox"/> 100	<input checked="" type="checkbox"/> A T3	<input checked="" type="checkbox"/> D 120-277V	<input checked="" type="checkbox"/> F Small Yoke	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> B	<input type="checkbox"/> E	<input type="checkbox"/> G	<input type="checkbox"/> L Surge Protector
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> C		<input type="checkbox"/> H	<input type="checkbox"/> M Motion Sensor
	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> I	
	4500	<input type="checkbox"/> 150	T4	200-480V	<input checked="" type="checkbox"/> J Large Yoke	
	5000	<input type="checkbox"/> 200	T5			Slip Fitter

SES-SB03D-5000-100-A-D-G

EXAMPLE MODEL NUMBER

QUANTITY

SES-SB03D-

MODEL NUMBER

QUANTITY

ACCESSORIES



COMMON STOCK MODELS

Item Code	Model Number
10937	SES-SB03D-5700-150*
10938	SES-SB03D-5700-300*
10949	SES-SB03D-5700-450*
40937-A	SES-SB03D-SLIP-FITTER (100-300W)
40937-B	SES-SB03D-SLIP-FITTER (450W)
40937-C	SES-SB03D-EXTRUDED (100-300W)

*Surge Protector Included, Bracket Not Included



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INSTRUCTIONS

Caution:

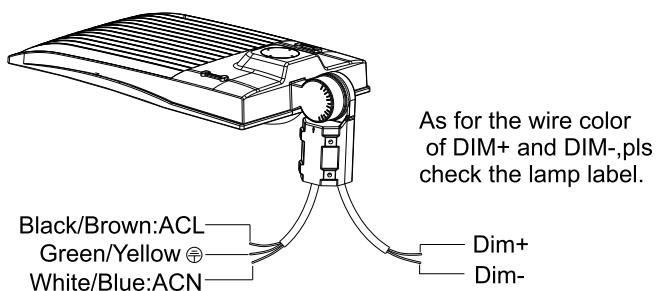
1. Do not use an electric generator to test the LED light fixture.
2. Please abide by regional and local laws and regulations when installing this fixture.
3. To avoid electrical shock and damage, please do not install the lights during rainy weather.
4. Can be used outdoors but should not be submerged under water.

Note:

5. To prevent risk of electric shock or fire, the installation must be conducted by an operator who has professional electrical knowledge.
6. Please wear gloves before installing the fixtures to avoid injury.
7. During or after installation if there are signs of smoke, fire, or sparks coming from the fixture, please turn off the power immediately and notify relevant personnel of the problem.

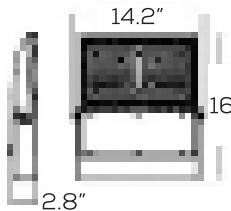
Installation:

1. This product has dimming and non-dimming models which changes the installation wiring.
2. Three dimming functions are available:
 - Constant current can be achieved by 1-10VDC dimming.
 - PWM signal dimming.
 - Variation of resistance unit dimming
(Please choose the appropriate dimming type according to your needs. You can also choose not to use this function).
3. Choose the wire connection, dimming, and installation methods according to your needs and the LED fixture purchased.

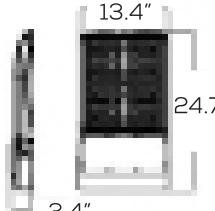


DIMENSIONS

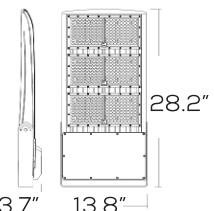
100-200W



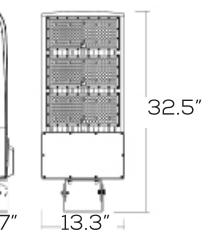
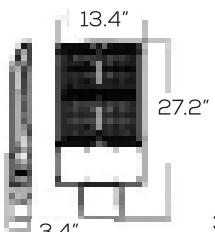
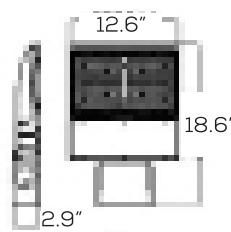
240-300W



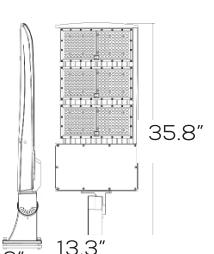
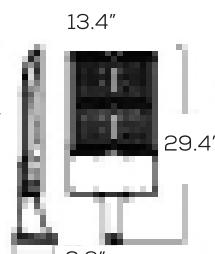
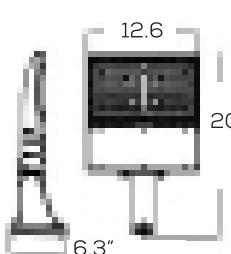
450W



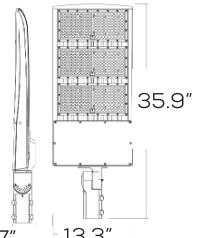
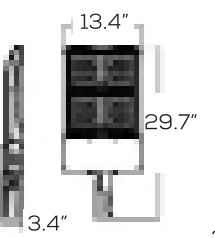
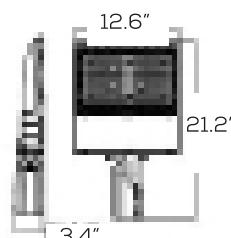
Large Yoke



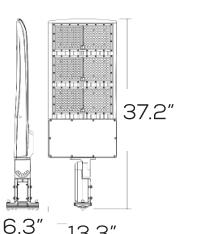
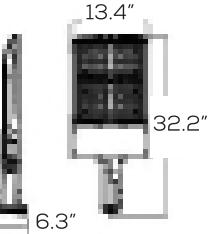
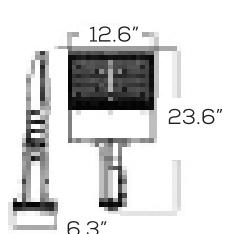
Small Yoke



Extruded Arm



Slip Fitter



2-in-1 Slip Fitter



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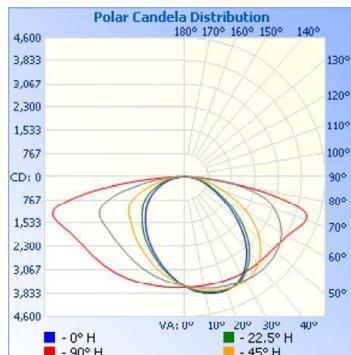
Notes _____ Date _____

ENERGY & PERFORMANCE DATA

Watts	Size (Yoke Mount)	Lens	Voltage	Lumens	Lumens Per Watt
100W	16" (L) x 14.2" (H) x 2.8" (D)	Clear	AC120-277V (50/60Hz)	13,000-13,500 lm	130-135 lm/W
150W	16" (L) x 14.2" (H) x 2.8" (D)	Clear	AC120-277V (50/60Hz)	19,500-20,250 lm	130-135 lm/W
200W	16" (L) x 14.2" (H) x 2.8" (D)	Clear	AC120-277V (50/60Hz)	25,000 lm	125 lm/W
240W	24.7" (L) x 13.4" (H) x 3.4" (D)	Clear	AC120-277V (50/60Hz)	31,200-32,400 lm	130-135 lm/W
300W	24.7" (L) x 13.4" (H) x 3.4" (D)	Clear	AC120-277V (50/60Hz)	39,000-40,500 lm	130-135 lm/W
450W	28.2" (L) x 13.8" (H) x 3.7" (D)	Clear	AC120-277V (50/60Hz)	54,000-56,250 lm	120-125 lm/W

ISOLUX DIAGRAMS

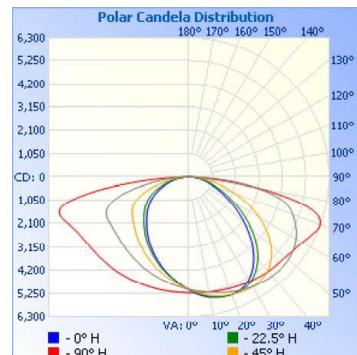
100W T3



	Center Beam fc	Beam Width
17.0 ft	12.5 fc	54.8 ft 232.5 ft
34.0 ft	3.12 fc	109.5 ft 465.0 ft
51.0 ft	1.39 fc	164.3 ft 697.5 ft
68.0 ft	0.78 fc	219.1 ft 930.0 ft
85.0 ft	0.50 fc	273.8 ft 1,162.5 ft
102.0 ft	0.35 fc	328.6 ft 1,395.0 ft

■ Vert. Spread: 116.3°
■ Horiz. Spread: 163.4°

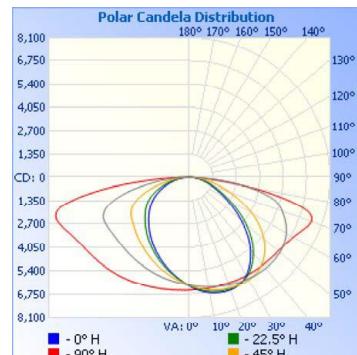
150W T3



	Center Beam fc	Beam Width
17.0 ft	17.7 fc	47.7 ft 243.0 ft
34.0 ft	4.42 fc	95.4 ft 486.0 ft
51.0 ft	1.96 fc	143.1 ft 729.0 ft
68.0 ft	1.10 fc	190.8 ft 972.1 ft
85.0 ft	0.71 fc	238.4 ft 1,215.1 ft
102.0 ft	0.49 fc	286.1 ft 1,458.1 ft

■ Vert. Spread: 109.0°
■ Horiz. Spread: 164.1°

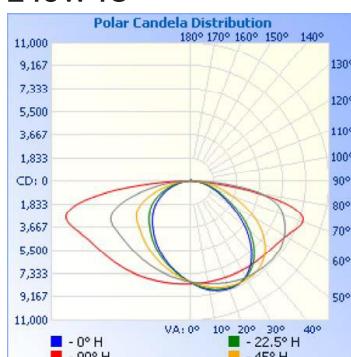
200W T3



	Center Beam fc	Beam Width
17.0 ft	21.7 fc	58.5 ft 236.0 ft
34.0 ft	5.42 fc	117.0 ft 471.9 ft
51.0 ft	2.41 fc	175.5 ft 707.9 ft
68.0 ft	1.36 fc	234.0 ft 943.8 ft
85.0 ft	0.87 fc	292.5 ft 1,179.8 ft
102.0 ft	0.60 fc	351.0 ft 1,415.7 ft

■ Vert. Spread: 119.7°
■ Horiz. Spread: 163.6°

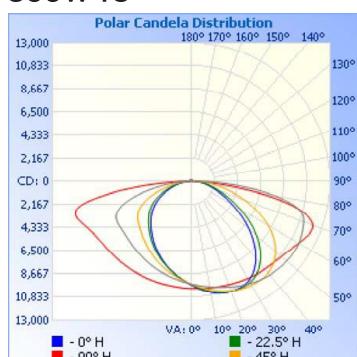
240W T3



	Center Beam fc	Beam Width
17.0 ft	27.6 fc	64.4 ft 244.7 ft
34.0 ft	6.90 fc	128.7 ft 489.4 ft
51.0 ft	3.07 fc	193.1 ft 734.1 ft
68.0 ft	1.73 fc	257.5 ft 978.8 ft
85.0 ft	1.10 fc	321.9 ft 1,223.5 ft
102.0 ft	0.77 fc	386.2 ft 1,468.3 ft

■ Vert. Spread: 124.3°
■ Horiz. Spread: 164.2°

300W T3



	Center Beam fc	Beam Width
17.0 ft	33.6 fc	54.5 ft 235.6 ft
34.0 ft	8.40 fc	109.0 ft 471.1 ft
51.0 ft	3.73 fc	163.5 ft 706.7 ft
68.0 ft	2.10 fc	218.1 ft 942.3 ft
85.0 ft	1.34 fc	272.6 ft 1,177.8 ft
102.0 ft	0.93 fc	327.1 ft 1,413.4 ft

■ Vert. Spread: 116.1°
■ Horiz. Spread: 163.6°