

Project		Date
Type		
Model		

SBS Series LED Canopy / High Bay

Features & Benefits

01. HOUSING

- Die cast aluminum housing.
- Modular design allows for easy installation, replacement and maintenance.
- IK08 rated.

02. FINISH

- Corrosion resistant polyester powder painted 100µm thickness.
- Meets a 1000-hour salt spray certification per ASTM B117/ ISO 9227:2012.
- Standard colors: Silver, Black, Bronze and White.
- Customized colors are available.

03. LED / OPTICAL ASSEMBLY / FWC

- Each PCB are mounted with a TVS (Transient Voltage Suppressors) to protect the LEDs from voltage transients induced by lightning and other transient voltage events.
- High-uniformity LED optics are constructed of durable optical polycarbonate that is impact and UV resistant.
- The metal plate provides double protection for the LED light engine and prolongs LED optics life.
- Over 20 optical lenses are available for virtually any application.
- Each LED module are 100% tested prior to assembly which is IP67 rated.
- FWC Certification, AMBER light Turtle friendly available, 30W only.

04. MOUNTING

- Ceiling mount

05. ELECTRICAL / KEY COMPONENTS / CONTROLS

- 120-277VAC and 347-480VAC available.
- Surge protection to 20kV/10kA per ANSI/IEEE C62.41.2-2002 available.
- High quality LEDs, driver and components, e.g. MOLEX, WAGO connectors.
- Multiple lighting control options are available, e.g. DALI, 1-10V.



ORDER INFORMATION

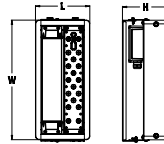
EXAMPLE: SBS-14-120W-50K-3M1-Y-SV



Series	Mount	Wattage	CCT	Optics	Voltage	Finish
SBS	14=Direct Mount	30W	30K = 3000K	2M1 T5U	Y = 120-277V HV = 347-480V**	SV = Silver BZ = Bronze** BK = Black** WH = White**
		60W	40K = 4000K	3M1 T5V		
		90W	50K = 5000K	3L1 T5W		
		120W	4M1 T5S			
		150W	4S1 T5X			
		180W	5M1 T5D			
		210W	5L1			
		240W				
		300W				

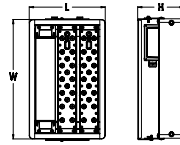
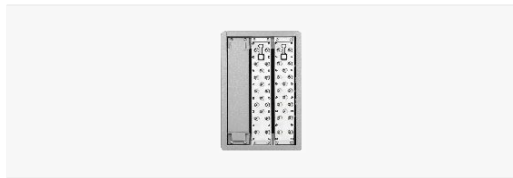
Enter configuration:

** Special Order



Model	SBS-30	Net Weight	3.86kg(8.51lbs)
LED Modules	1	Gross Weight	4.51kg(9.94lbs)
LEDs	18	Product Dimensions	5.91"x12.99"x5.04"
EPA(sq.ft.)	0.324	Carton Dimensions	12.01"x16.34"x6.3"

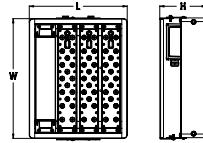
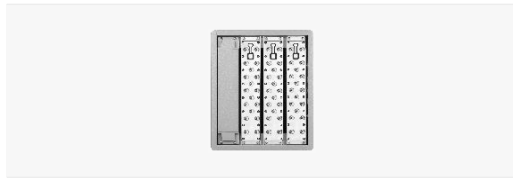
Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
SBS-30	31W	120-277VAC	530mA	3,627 lm	4,030 lm	130



Model	SBS-60 / SBS-80 (347-480V)**	Net Weight	4.93kg(10.87lbs)
LED Modules	2	Gross Weight	5.61kg(12.37lbs)
LEDs	36	Product Dimensions	8.27"x12.99"x5.04"
EPA(sq.ft.)	0.347	Carton Dimensions	12.01"x16.34"x6.3"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
SBS-60	61W	120-277VAC	530mA	7,247lm	8,052lm	132
SBS-80**	78W	347-480VAC**	700mA	8,986lm	9,984 lm	128

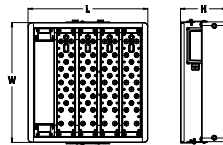
** Special Order / Motion Sensor option NOT available



Model	SBS-90 / SBS-120 (347-480V)**	Net Weight	5.96kg(13.14lbs)
LED Modules	3	Gross Weight	6.66kg(14.68lbs)
LEDs	54	Product Dimensions	10.63"x12.99"x5.04"
EPA(sq.ft.)	0.372	Carton Dimensions	14.37"x16.34"x6.30"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
SBS-90	87W	120-277VAC	530mA	10,571 lm	11,745 lm	135
SBS-120**	118W	347-480VAC**	700mA	13,806 lm	15,340 lm	130

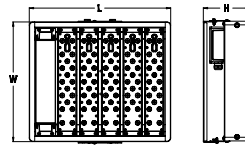
** Special Order / Motion Sensor option NOT available



Model	SBS-120 / SBS-160 (347-480V)**	Net Weight	6.45kg(14.22lbs)
LED Modules	4	Gross Weight	7.24kg(15.96lbs)
LEDs	72	Product Dimensions	12.99"x12.99"x5.04"
EPA(sq.ft.)	0.404	Carton Dimensions	16.73"x16.34"x6.30"

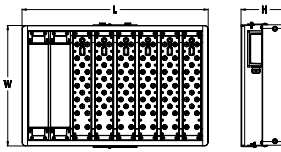
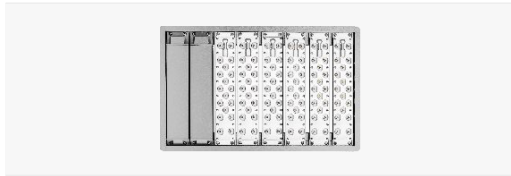
Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
SBS-120	110W	120-277VAC	530mA	13,365lm	14,850lm	135
SBS-160**	156W	347-480VAC**	700mA	18,252 lm	20,280 lm	130

** Special Order / Motion Sensor option NOT available



Model	SBS-150	Net Weight	6.94kg(15.30lbs)
LED Modules	5	Gross Weight	7.82kg(17.24lbs)
LEDs	90	Product Dimensions	15.35"x12.99"x5.04"
EPA(sq.ft.)	0.437	Carton Dimensions	19.09"x16.34"x6.30"

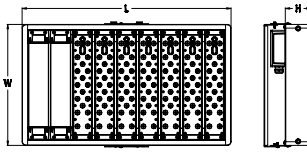
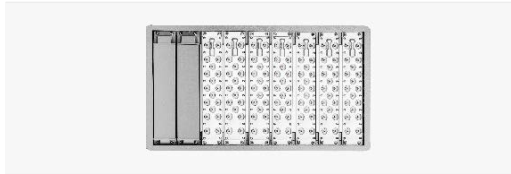
Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
SBS-150	141W	120-277VAC	530mA	17,132lm	19,035lm	135



Model	SBS-180 / SBS-240 (347-480V)**	Net Weight	9.57kg(21.10lbs)
LED Modules	6	Gross Weight	10.67kg(23.52lbs)
LEDs	108	Product Dimensions	20.08"x12.99"x5.04"
EPA(sq.ft.)	0.509	Carton Dimensions	23.82"x16.34"x6.30"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
SBS-180	172W	120-277VAC	530mA	20,898 lm	23,220 lm	135
SBS-240**	234W	347-480VAC**	700mA	27,378 lm	30,420 lm	130

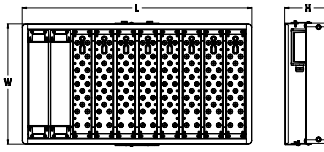
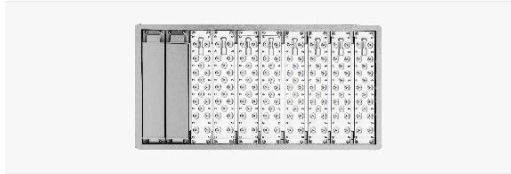
** Special Order / Motion Sensor option NOT available



Model	SBS-210 / SBS-280 (347-480V)**	Net Weight	10.15kg(22.37lbs)
LED Modules	7	Gross Weight	11.35kg(25.02lbs)
LEDs	126	Product Dimensions	22.44"x12.99"x5.04"
EPA(sq.ft.)	0.548	Carton Dimensions	26.18"x16.34"x6.30"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
SBS-210	202W	120-277VAC	530mA	24,543lm	27,270lm	135
SBS-280**	274W	347-480VAC**	700mA	32,058lm3	5,620lm	130

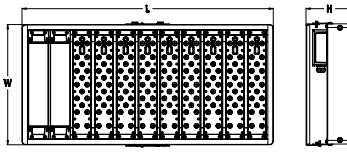
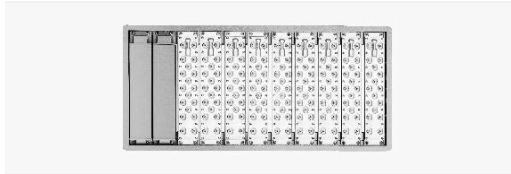
** Special Order / Motion Sensor option NOT available



Model	SBS-240 / SBS-320 (347-480V)**	Net Weight	11.16kg(24.60lbs)
LED Modules	8	Gross Weight	12.36kg(27.25lbs)
LEDs	144	Product Dimensions	24.80"x12.99"x5.03"
EPA(sq.ft.)	0.588	Carton Dimensions	28.54"x16.34"x6.30"

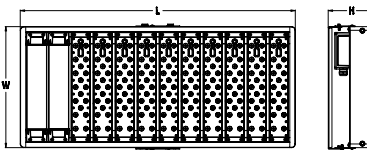
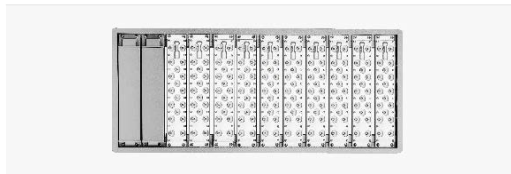
Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
SBS-240	228W	120-277VAC	530mA	27,702lm	30,780lm	135
SBS-320**	310W	347-480VAC**	700mA	36,270 lm	40,300 lm	130

** Special Order / Motion Sensor option NOT available



Model	SBS-270	Net Weight	11.88kg(26.15lbs)
LED Modules	9	Gross Weight	13.19kg(29.08lbs)
LEDs	162	Product Dimensions	27.17"x12.99"x5.04"
EPA(sq.ft.)	0.629	Carton Dimensions	30.91"x16.34"x6.30"

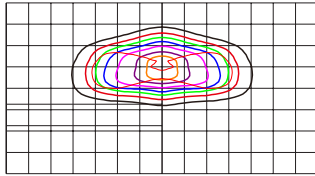
Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
SBS-270	256W	120-277VAC	530mA	31,104lm	34,560lm	135



Model	SBS-300	Net Weight	12.58kg(27.73lbs)
LED Modules	10	Gross Weight	14.03kg(30.93lbs)
LEDs	180	Product Dimensions	29.53"x12.99"x5.04"
EPA(sq.ft.)	0.668	Carton Dimensions	33.27"x16.34"x6.30"

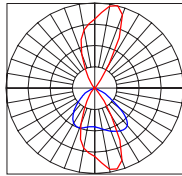
Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
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SBS-300	283W	120-277VAC	530mA	34,385lm	38,205lm	135

ISO Plot

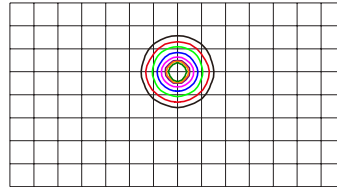


T2M Type II Medium

Polar Curve

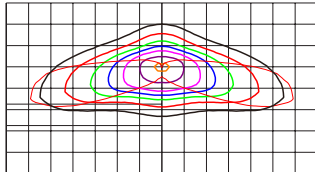
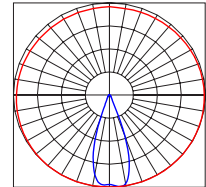


ISO Plot

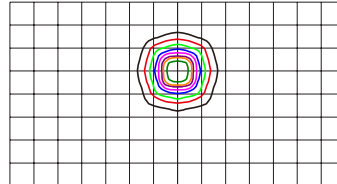
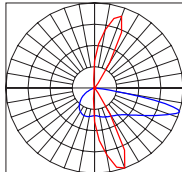


T5W Average beam angle 40°

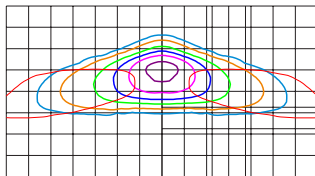
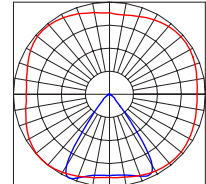
Polar Curve



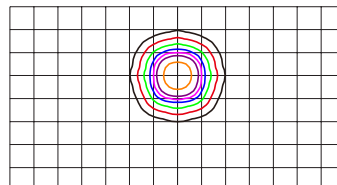
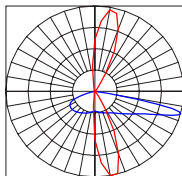
T3M Type III Medium



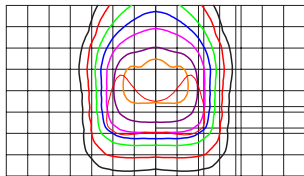
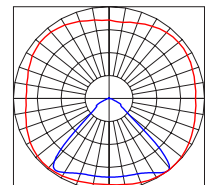
T5S Average beam angle 60°



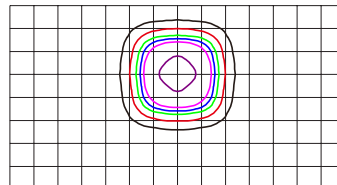
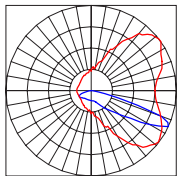
T3L Type III Long



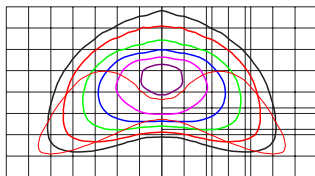
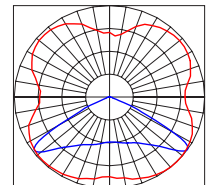
T5M Average beam angle 90°



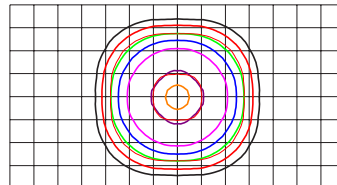
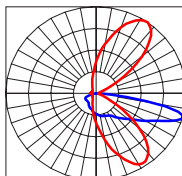
T4S Type IV Short



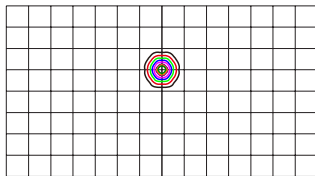
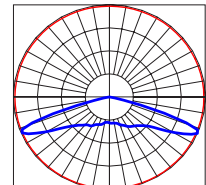
T5L Average beam angle 120°



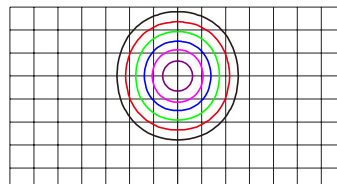
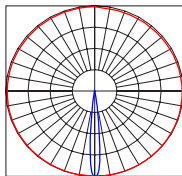
T4M Type IV Medium



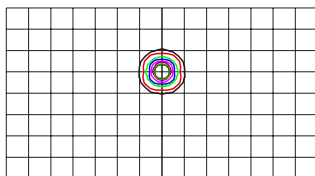
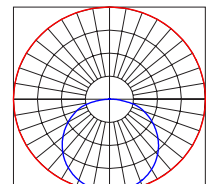
T5X Average beam angle 150°



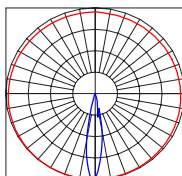
T5U Average beam angle 10°



T5D Diffuser



T5V Average beam angle 25°



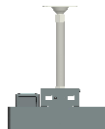
01.3/5/7 -pin NEMA Receptacle+Shorting Cap/Photocell



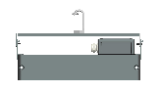
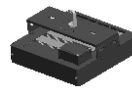
02.Motion Sensor



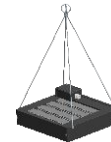
03.G3/4 pendant Rod+Ceiling Plate



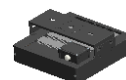
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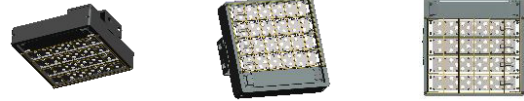
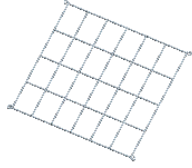
05.Steel Suspension Cable



06.Mini Photocell



07.Anti-vandal Grill



08.Separate Junction Box



09.Safety Cable



10.No Junction Box



11.Light Shielding

