

SONAR **SPC8**

Vandal Resistant

SPC8 Series LED

Fixture Type	Date
Job Name	Approved By
Catalog Number	

SPECIFICATIONS

ADA
ADA Compliant

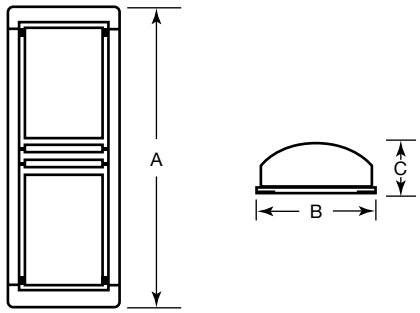
CERTIFIED

BAA BABA

Description	The Sonar SPC8 series features nearly unlimited architectural flexibility while maintaining maximum vandal resistance. A wide variety of grill configurations, colors and lengths are available which can be combined in nearly unlimited ways. Furthermore, the all aluminum body construction allows the Sonar SPC8 series to be used in many environmental conditions.
Housing	Marine grade heat treated extruded aluminum. Finished with Super Durable Corrosion Resistant powder coat (SDCR) that meets AAMA 2605 high performance specification, providing superior UV durability and corrosion resistance. Salt spray test: 4,000 hours.
Grill	Marine grade die cast aluminum finished with polyester powder coat and secured to housing with tamper resistant stainless steel machine screws.
Lens	Extruded UV stabilized polycarbonate with integral prisms. Maximum wall thickness 0.160". Secured to housing with die cast aluminum clamps and stainless steel TORX® head screws.
End Caps	Die cast marine grade aluminum with conduit knockouts that are visible from interior of end cap.
Drivers	Dimming to 1%, 10% or Programable Lumen Output driver options. Non-Dimming Driver is also available.
LED	Samsung LM561B+ series @ 2700K, 3000K, 3500K, 4000K, or 5000K and 82 CRI wired in parallel-series. L_{70} projected life of over 130,000 hours at 50ºC.
UL Listing	U.L., C.UL. Damp Location Listing standard, Wet Location Listing optional.
Government Procurement	**BAA – Buy America(n) Act:** Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations. **BABA – Build America Buy America:** Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/buy-american for additional information.
Warranty	**Lifetime** warranty against vandalism. Luminaire LED will repair or replace any fixture damaged due to vandalism for the lifetime of the installation. **10-year** warranty on LED boards against operational defects. Tested in accordance with LM-80.
Note	Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

DIMENSIONAL DATA

	A	B	C
SPC8 12IN	12.00	8.75	4.00
SPC8 18IN	18.40	8.75	4.00
SPC8 24IN	27.64	8.75	4.00
SPC8 34IN	37.87	8.75	4.00
SPC8 46IN	49.68	8.75	4.00



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ORDERING INFORMATION

Example: SPC8 2CR 12IN MIN1 40W 27K 120 CLP WHT

Series*		Trim		Size (Nominal)[6]	Drivers*		Dual Drivers (Optional)		Wattage (Nominal)[6]		
SPC8	Vandal Resistant ADA Compliant Decorative Linear Sconce 8" Wide Luminaire	2CR	2 Centered Bars	12IN[4]	MIN1	Dimming to 1%	2DRV[3,5]	Two LED drivers for independent LED board operations	5W	25W	70W
		2OF	2 Offset Bars	18IN[4]	MIN10[3,7]	Dimming to 10%			15W	40W	100W
		3CR	3 Centered Bars	24IN[2,4]	NODIM	Non-Dimming Driver			20W	50W	
		3OF	3 Offset Bars	34IN	PRD	Driver Programmed to Specific Lumen Output. *To specify lumens, see size and lumen chart, Consult Factory*			*Required for all drivers except PRD driver*		
		4OF	4 Bars, Sets of 2	46IN							
		6OF2[3]	6 Bars, Sets of 2		*PRD not available with Wattage* *PRD standard 0-10V dimming to 1%*						
		6OF3[3]	6 Bars, Sets of 3								
		9OF[3]	9 Bars, Sets of 3								
		CUS	Custom Bars								
		NB	No Bars								

Lumens (For PRD Only)	CCT*		Voltage*		Lens*		Finish*	
200LM - 11300LM - Lumens available in 100LM increments	27K	2700K	120	120 Volt	CLP	Clear Prismatic	BLK	Black
Lumens required if PRD driver chosen	30K	3000K	277	277 Volt	OP	Opal	WHT	White
	35K	3500K	MVOLT	120-277 Volt			BRZ	Bronze
	40K	4000K	347	347 Volt			GRY	Gray
	50K	5000K					SIL	Silver
							CUST	Custom Color, Consult Factory
							RALTBD	Ral Paint finishes
							RALTBD for pricing only. Replace with applicable RAL call out when ready to order. See the RAL BROCHURE for available options.	

*Required

Ordering Information continued next page.

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OPTIONS

Emergency[7]	
E10W[7]	Self contained, 90 minute emergency battery pack. Meets CA Title 20 standards.
EMB20R[8,10]	Remote mounted micro inverter that will operate a 25W maximum load for 90 minutes. 0°C (32°F) to 45°C (113°F)
EMB125R[8]	Remote inverter that will operate a maximum 125W load for 90 minutes. 20°C (68°F) to 30°C (86°F)
EMB250R[8]	Remote inverter that will operate a 250W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F)
EMB375R[8]	Remote inverter that will operate a 375W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F)

Pendant Type/Length	Back Box	Environment	Fusing	Photocell	Sensors[14]
Rigid Stems RG__[1,11,12] (12" - 96") *Order in 12" increments up to 96".*	COR Corner mounted back box	WL[11,12] Wet Location	GLR[13] Fuse and Fuse Holder	PC[13] Photoelectric Switch	OCC[1] Microwave occupancy sensor mounted behind the lens. On/Off operation only. OCC50[1,3,5,15] Microwave occupancy sensor. 50% of LED's constantly on and 50% sensored on/off. OCCBT Bluetooth connected microwave occupancy sensor mounted behind the lens. All LED board sensored to dim to 50%, 40%, 30%, 20%, or 10%, field selectable low levels. OCCFA[1] Microwave occupancy sensor mounted behind the lens. All LED board sensored to dim to 50%, 30%, 20%, or 10%, field selectable low levels. Factory standard preset of 50% dimming level and 20 minute time out

Nightlight (Consult Factory)		Mounting Hardware		Hardware	
AMBNL	Amber LED Night Light with field adjustable levels with peak wavelengths at 593 nm. Requires separately controlled circuit. Consult factory for availability	DRPCP[1,11,12]	Aluminum drip cap finished with white polyester powder coat to be used when pendant mounted	PHSC	Phillips Head screws instead of TORX® head
LEDNL	LED Night Light with field adjustable levels matched to CCT of main source. Requires separately controlled circuit			PHPS	Painted Phillips screws to match luminaire finish
REDNL	Red LED Night Light with field adjustable levels with peak wavelength at 621 nm. Requires separately controlled circuit. Consult factory for availability			TXPS	Painted TORX® screws to match luminaire finish

Ordering Notes

1. Not available in 12IN or 18IN.
2. Not available with E10W and 2DRV or OCC50.
3. Not available in 12IN or 18IN.
4. Not available with 15W and 2DRV or OCC50.
5. Not available in 34IN.
6. See Size and Wattage Chart.
7. Not available with 347V.
8. Not available with MVOLT.
9. Not available in 12IN, 18IN or 24IN.
10. Not available with Lumens over 2200LM or Wattage over 25W.
11. Not available with COR.
12. WL and DRPCP is required with Rigid Stems (RG_).
13. Not available with MVOLT or 347.
14. Not available with EMB20R, EMB125R, EMB250R, EMB375R.
15. Not available with 2DRV.

Accessories: *Order as separate catalog number*	
TXSD	TORX® Screwdriver Bit
Initial shipment includes one (1) TXSD per fixture.	

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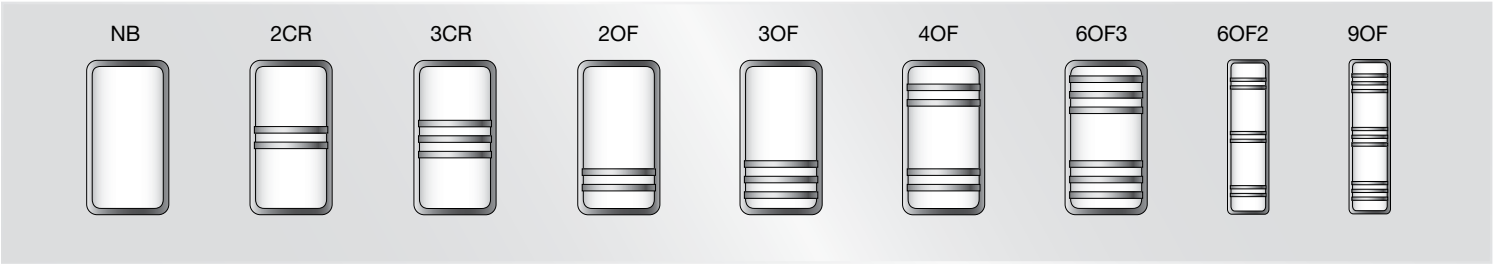
SIZE & WATTAGE CHART

Size	Wattage
12IN	5W | 15W
18IN	5W | 15W
24IN	15W | 25W | 50W
34IN	20W | 40W
46IN	25W | 50W | 70W | 100W

SIZE & LUMEN CHART (For PRD)

Size	Lumen Range
12IN	200LM - 1300LM
18IN	200LM - 1500LM
24IN	500LM - 5500LM
34IN	700LM - 4300LM
46IN	1100LM - 11300LM

TRIM DETAILS



PHOTOMETRIC DATA

Model	Watts	Input Watts	Delivered Lumens Clear	Opal	Delivered Lumens Clear	Opal	Delivered Lumens Clear	Opal	Delivered Lumens Clear	Opal	Delivered Lumens Clear	Opal
			2700K		3000K		3500K		4000K		5000K	
SPC8 12IN	5W	6.8	550	509	555	514	567	525	585	542	603	558
SPC8 12IN	15W	13.6	1187	1100	1199	1111	1224	1135	1263	1171	1299	1205
SPC8 18IN	5W	6.5	662	613	670	620	684	633	705	653	973	726
SPC8 18IN	15W	13.0	1325	1227	1339	1241	1367	1267	1410	1307	1453	1346
SPC8 24IN	15W	13.0	1325	1227	1339	1241	1367	1267	1410	1307	1453	1346
SPC8 24IN	25W	26.6	2879	2668	2911	2698	2971	2754	3064	2839	3156	2925
SPC8 24IN	50W	56.0	5059	4689	5116	4742	5221	4839	5383	4990	5544	5139
SPC8 34IN	20W	19.5	1988	1842	2011	1864	2052	1902	2116	1960	2178	2019
SPC8 34IN	40W	38.9	3967	3677	4012	3718	4094	3795	4222	3913	4348	4031
SPC8 46IN	25W	26.6	2879	2668	2911	2698	2971	2754	3064	2839	3156	2925
SPC8 46IN	50W	53.5	5560	5154	5621	5211	5737	5318	5915	5483	6092	5647
SPC8 46IN	70W	74	7783	7214	7869	7295	8030	7444	8280	7675	8528	7905
SPC8 46IN	100W	114.6	10357	9601	10474	9709	10688	9907	11019	10215	11350	10520
SPC8xx	PRD		Programmable Driver. Specify Delivered Lumens in Ordering Information, see Chart above.									

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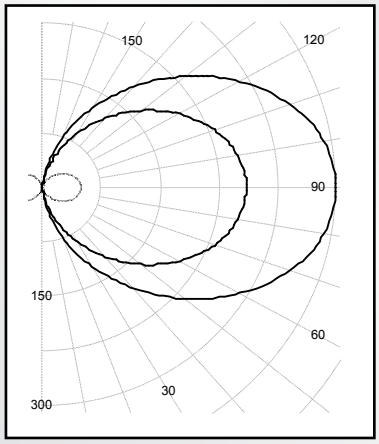
PHOTOMETRIC DATA

MODEL SPC8 NB 12IN 15W 40K CLP

Delivered Lumens: 1,084 Lumens

Total Power: 7.5W

Testing was performed in accordance with IES LM-79-08



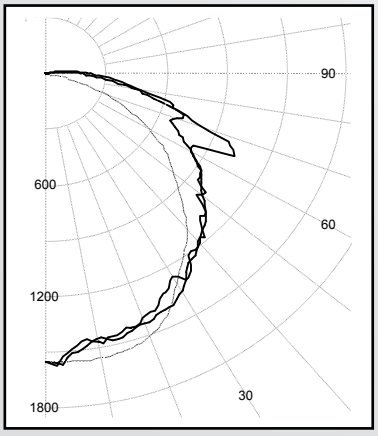
Zone	Lumens	% Lamps
0 - 30	19	1.7
0 - 40	50	4.6
0 - 60	182	16.8
60 - 90	360	33.2
0 - 90	542	50.0
90 -180	542	50.0
0 - 180	1084	100.0

MODEL SPC8 NB 46IN 50W 40K CLP

Delivered Lumens: 5,215 Lumens

Total Power: 26.9W

Testing was performed in accordance with IES LM-79-08

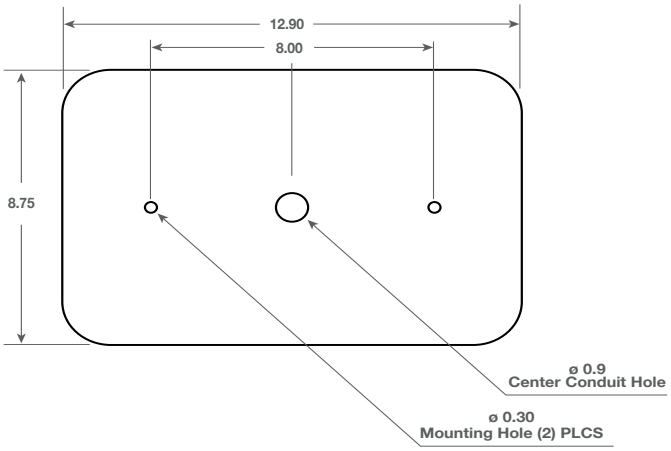


Zone	Lumens	% Lamps
0 - 30	1196	22.9
0 - 40	1974	37.9
0 - 60	3592	68.9
60 - 90	1484	28.5
0 - 90	5076	97.3
90 -180	138	2.7
0 - 180	5215	100.0

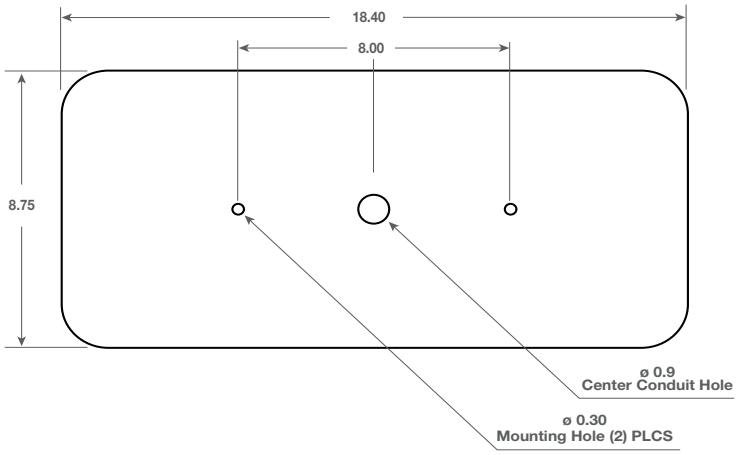
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MOUNTING PLATE DETAILS

SPC8 12IN



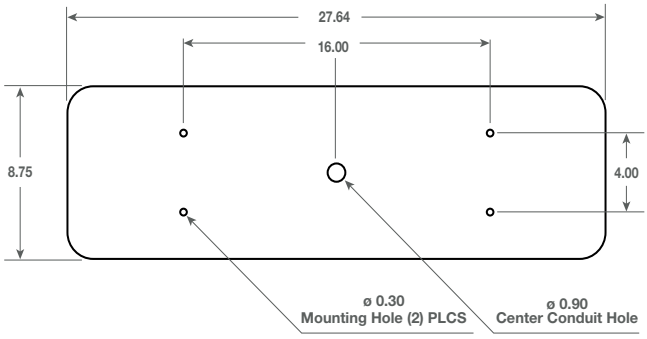
SPC8 18IN



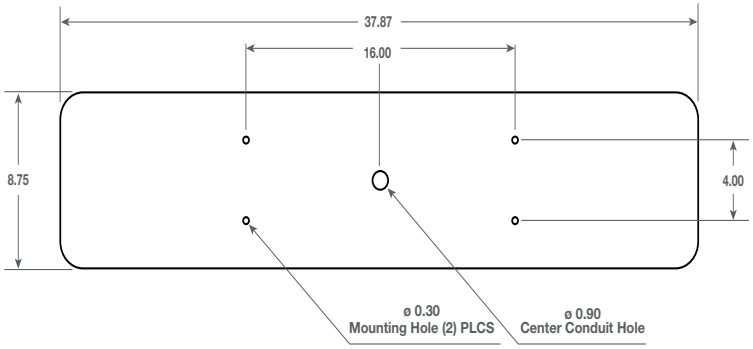
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MOUNTING PLATE DETAILS

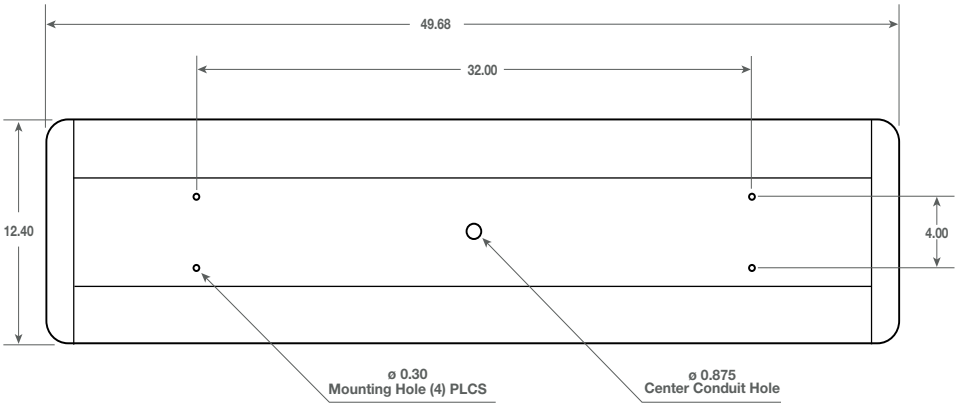
SPC8 24IN



SPC8 34IN



SPC8 46IN



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