SONAR SPC4

Vandal Resistant

SPC4 Series LED

Fixture Type

Date

Job Name

Approved By

Catalog Number

SPECIFICATIONS

ADA
ADA Compliant

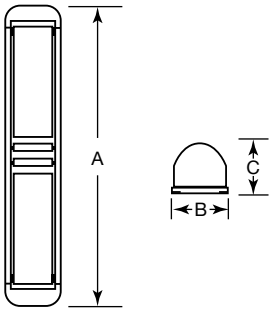
CERTIFIED

BAA BABA

Description	The Sonar SPC4 series features nearly unlimited architectural flexibility while maintaining maximum vandal resistance. A wide variety of grill configuartions, colors and lengths are available which can be combined in nearly unlimited ways. Furthermore, the all aluminum body construction allows the Sonar SPC4 series to be used in manyenvironmental 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.
Trim	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. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed.
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
SPC4 12IN	15.50	4.35	2.70
SPC4 22IN	26.10	4.35	2.70
SPC4 34IN	37.88	4.35	2.70
SPC4 46IN	49.69	4.35	2.70



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ORDERING INFORMATION

Example: SPC4 2CR 12IN MIN1 40W 27K 120 CLP WHT

Series*		Trim*		Size (Nominal)*[2]	Drivers*		Wattage (Nominal)[2]			Lumens (For PRD Only)
SPC4	Vandal Resistant ADA Compliant Decorative Linear Sconce 4" Wide Luminaire	2CR	2 Centered Bars	12IN	MIN1[3,4]	Dimming to 1%	5W	20W	40W	500LM - 5800LM - Lumens available in 100LM increments
		2OF	2 Offset Bars	22IN	MIN10[3,5]	Dimming to 10%	10W	25W	50W	*Lumens required if PRD driver chosen*
		3CR	3 Centered Bars	34IN	NODIM	Non-Dimming Driver	15W	30W		
		3OF	3 Offset Bars	46IN	PRD[1]	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		*PRD not available with Wattage* *PRD standard 0-10V dimming to 1%*					
		6OF2[1]	6 Bars, Sets of 2							
		6OF3[1]	6 Bars, Sets of 3							
		9OF[1]	9 Bars, Sets of 3							
		CUS	Custom Bars							
		NB	No Bars							

CCT*		Voltage*		Lens*		Finish*	
27K	2700K	120	120 Volt	CLP	Clear Prismatic	BLK	Black
30K	3000K	277	277 Volt	OP	Opal	WHT	White
35K	3500K	MVOLT	120-277 Volt			BRZ	Bronze
40K	4000K	347[4]	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

OPTIONS

Emergency[5]			
EMB310[4]	Self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). 1200 lumens	EMB20R[7,8]	Remote mounted micro inverter that will operate a 25W maximum load for 90 minutes. 0°C (32°F) to 45°C (113°F)
EMB310ST[4]	Self-testing, self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Meets CA Title 20 Standards. 1000 lumens	EMB125R[7]	Remote inverter that will operate a maximum 125W load for 90 minutes. 20°C (68°F) to 30°C (86°F)
EMB310T20[4]	Self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Meets CA Title 20 standards. 1200 lumens	EMB250R[7]	Remote inverter that will operate a 250W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F)
		EMB375R[7]	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	
Rigid Stems		COR	Corner mounted back box	WL[9,10]	Wet Location	GLR[11]	Fuse and Fuse Holder	PC[11]	Photoelectric Switch	OCCBT[5,6,12]	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. Consult factory for availability.
RG__[9,10]	(12" - 96")										
Order in 12" increments up to 96".											

Mounting Hardware		Hardware	
DRPCP[9,10]	Aluminum drip cap finished with white polyester powder coat to be used when pendant mounted	PHSC	Phillips Head screws instead of TORX® head
		PHPS	Painted Phillips screws to match luminaire finish
		TXPS	Painted TORX® screws to match luminaire finish

Ordering Notes

1. Not available in 12IN.
2. See Size and Wattage Chart.
3. Not available with 5W or 10W.
4. Not available with 12IN, 22IN or 34IN.
5. Not available with 347V.
6. Not available with 12IN.
7. Not available with MVOLT.
8. Not available with Lumens over 1900 LM.
9. Not available with COR.
10. WL and DRPCP is required with Rigid Stems (RG_).
11. Not available with MVOLT or 347.
12. Not available with any Emergency Battery Pack.

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

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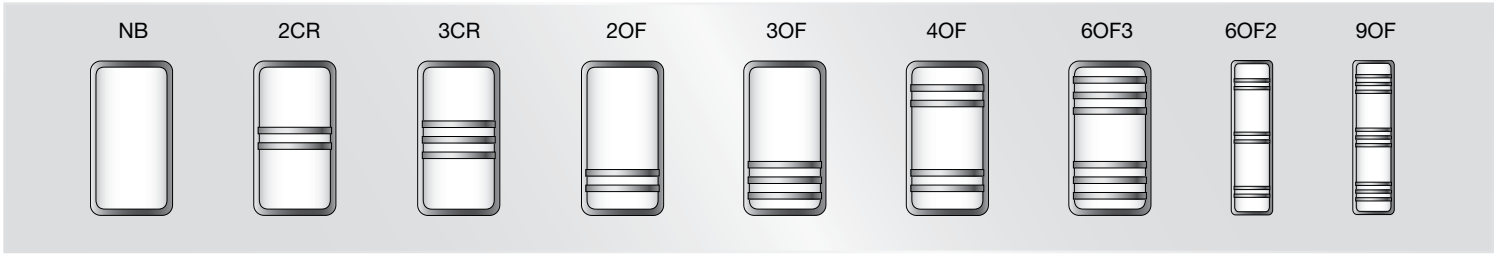
SIZE & WATTAGE CHART

Size	Wattage
12IN	5W | 10W
22IN	15W | 20W
34IN	20W | 30W
46IN	25W | 40W | 50W

SIZE & LUMEN CHART (FOR PRD)

Size	Lumen Range
22IN	400LM - 2400LM
34IN	800LM - 3200LM
46IN	1000LM - 5800LM

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	
SPC4 12IN	5W	7.5	628	581	635	586	648	599	669	619	688	637
SPC4 12IN	10W	10.4	898	814	907	841	927	859	956	866	984	912
SPC4 22IN	15W	14.0	1193	1106	1206	1118	1231	1142	1270	1177	1308	1212
SPC4 22IN	20W	21.0	2166	2007	2189	2029	2235	2071	2305	2136	2374	2200
SPC4 34IN	20W	20.2	2111	1966	2134	1987	2178	2028	2246	2092	2349	2200
SPC4 34IN	30W	31.1	2965	2748	2998	2778	3060	2835	3155	2924	3249	3011
SPC4 46IN	25W	26.9	2814	2608	2845	2636	2903	2690	2994	2775	3083	2858
SPC4 46IN	40W	42.2	4332	4015	4380	4061	4470	4144	4609	4272	4748	4400
SPC4 46IN	50W	54.6	5262	4877	5320	4929	5428	5030	5598	5198	5765	5344
SPC4x	PRD		Programmable Driver. Specify Delivered Lumens in Ordering Information, see Chart above.									

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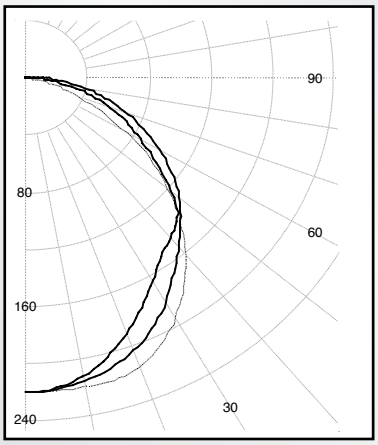
PHOTOMETRIC DATA

MODEL SPC4 NB 12IN 5W 40K CLP

Delivered Lumens: 619 Lumens

Total Power: 7.5W

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



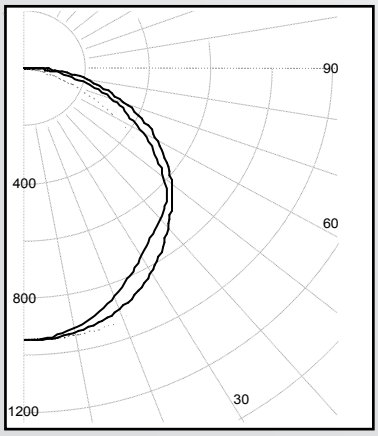
Zone	Lumens	% Lamps
0 - 30	169	27.3
0 - 40	273	44.1
0 - 60	479	77.3
60 - 90	136	21.9
0 - 90	615	99.3
90 -180	5	0.7
0 - 180	619	100.0

MODEL SPC4 NB 46IN 25W 40K CLP

Delivered Lumens: 2,772 Lumens

Total Power: 26.9W

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



Zone	Lumens	% Lamps
0 - 30	733	26.4
0 - 40	1194	43.1
0 - 60	2116	76.3
60 - 90	633	22.8
0 - 90	2749	99.2
90 -180	24	0.8
0 - 180	2772	100.0

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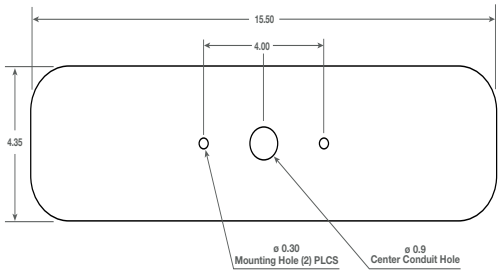
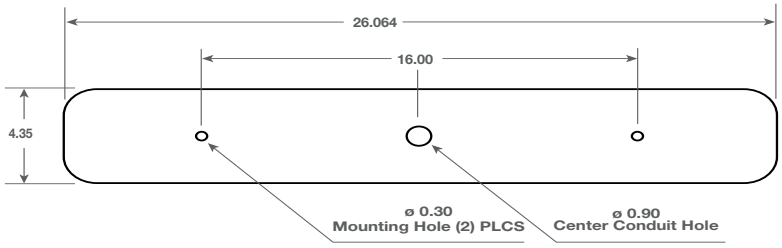
MOUNTING PLATE DETAILS

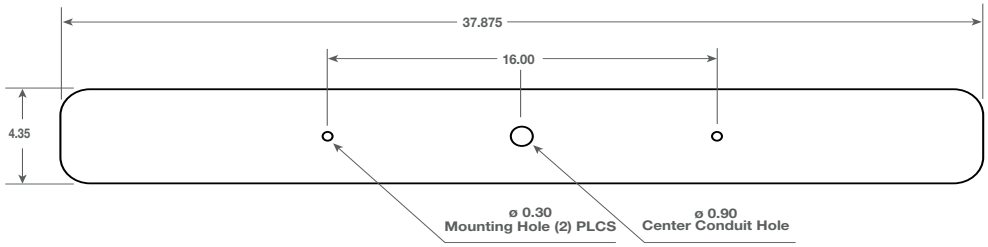
SPC4 12IN



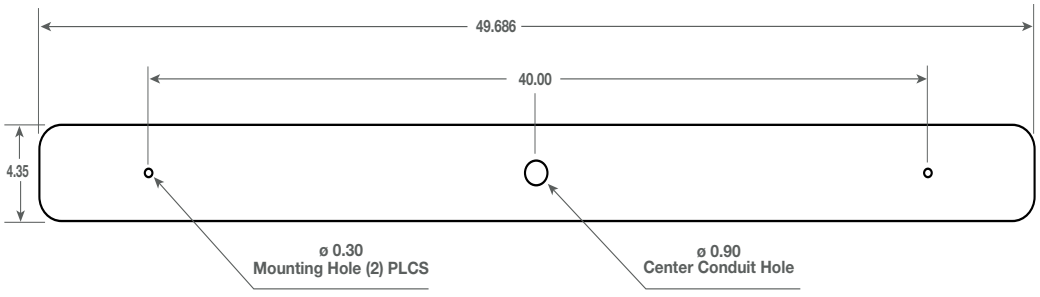
SPC4 22IN



SPC4 34IN



SPC4 46IN



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