

SONAR SPC4

Vandal Resistant

SPC4 Series LED



Fixture Type	Date
Job Name	Approved By
Catalog Number	

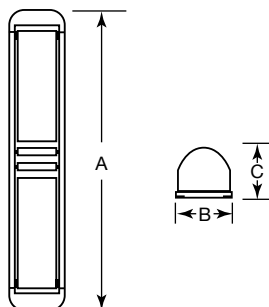
SPECIFICATIONS



Description	The Sonar SPC4 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 SPC4 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.
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 50°C.
UL Listing	U.L., C.UL. Damp Location Listing standard, Wet Location Listing optional.
Buy American Act	Luminaire LED, LLC products are assembled in the USA. Our products meet the Buy America(n) government procurement requirements under FAR, DFARS, and DOT regulations. 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



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 <i>Lumens required if PRD driver chosen</i>	
	20F 2 Offset Bars	22IN	MIN10 ^{3,5} Dimming to 10%	10W 25W 50W		
	3CR 3 Centered Bars	34IN	NODIM Non-Dimming Driver	15W 30W		
	30F 3 Offset Bars	46IN	PRD ¹ Driver Programmed to Specific Lumen Output. To specify lumens, see size and lumen chart, Consult Factory	<i>Required for all drivers except PRD driver</i>		
	40F 4 Bars, Sets of 2					
	60F2 ¹ 6 Bars, Sets of 2					
	60F3 ¹ 6 Bars, Sets of 3					
	90F 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
			RALTB Ral Paint finishes

RALTB 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)
EMB10ST 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	EMB250R ⁷	Remote inverter that will operate a 250W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F)
EMB310T2 ⁴	Self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Meets CA Title 20 standards. 1200 lumens	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 RG ^{9,10} (12" - 96") <i>Order in 12" increments up to 96".</i>	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 sensed to dim to 50%, 40%, 30%, 20%, or 10%, field selectable low levels. Consult factory for availability.

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

- Not available in 12IN.
- See Size and Wattage Chart.
- Not available with 5W or 10W.
- Not available with 12IN, 22IN or 34IN.
- Not available with 347V.
- Not available with 12IN.
- Not available with MVOLT.
- Not available with Lumens over 1900 LM.
- Not available with COR.
- WL and DRPCP is required with Rigid Stems (RG_).
- Not available with MVOLT or 347.
- 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.

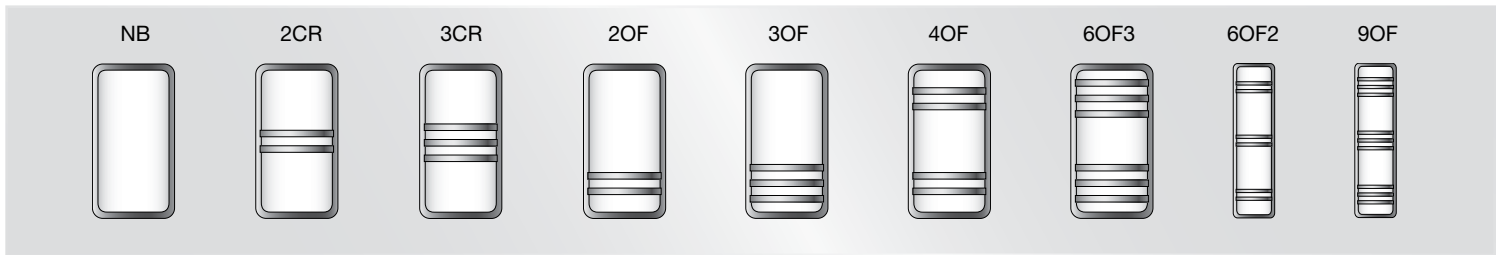
SIZE & WATTAGE CHART

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		Delivered Lumens		Delivered Lumens		Delivered Lumens		Delivered Lumens	
			Clear	Opal	Clear	Opal	Clear	Opal	Clear	Opal	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.										

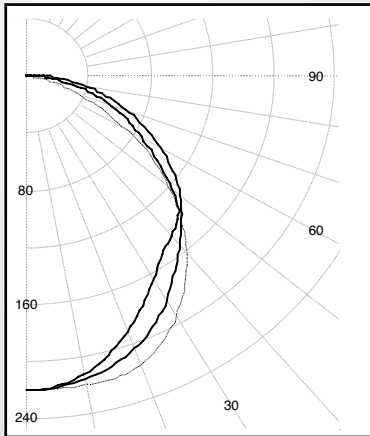
PHOTOMETRIC DATA

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



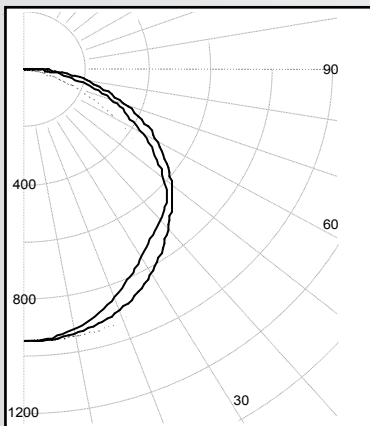
Zone	Lumens	% Lamps
0 - 30	169	27.3
0 - 40	273	44.1
0 - 60	479	77.3
60 - 90	136	21.9
0 - 90	615	99.3
90 - 180	5	0.7
0 - 180	619	100.0

MODEL SPC4 NB 46IN 25W 40K CLP

Delivered Lumens: 2,772 Lumens

Total Power: 26.9W

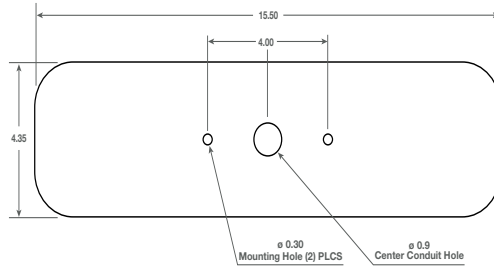
Testing was performed in accordance with IES LM-79-08



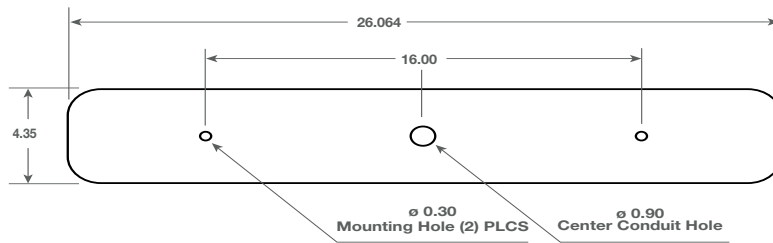
Zone	Lumens	% Lamps
0 - 30	733	26.4
0 - 40	1194	43.1
0 - 60	2116	76.3
60 - 90	633	22.8
0 - 90	2749	99.2
90 - 180	24	0.8
0 - 180	2772	100.0

MOUNTING PLATE DETAILS

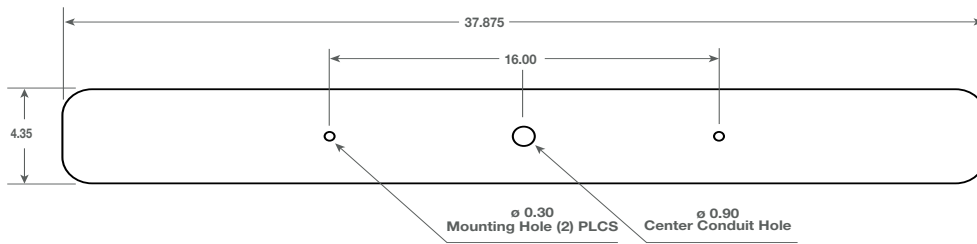
SPC4 12IN



SPC4 22IN



SPC4 34IN



SPC4 46IN

