

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P941043

Luminaire Tested: **GLAN-SB4B-927-U-T1**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P941043
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB4B-927-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(4) 90 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

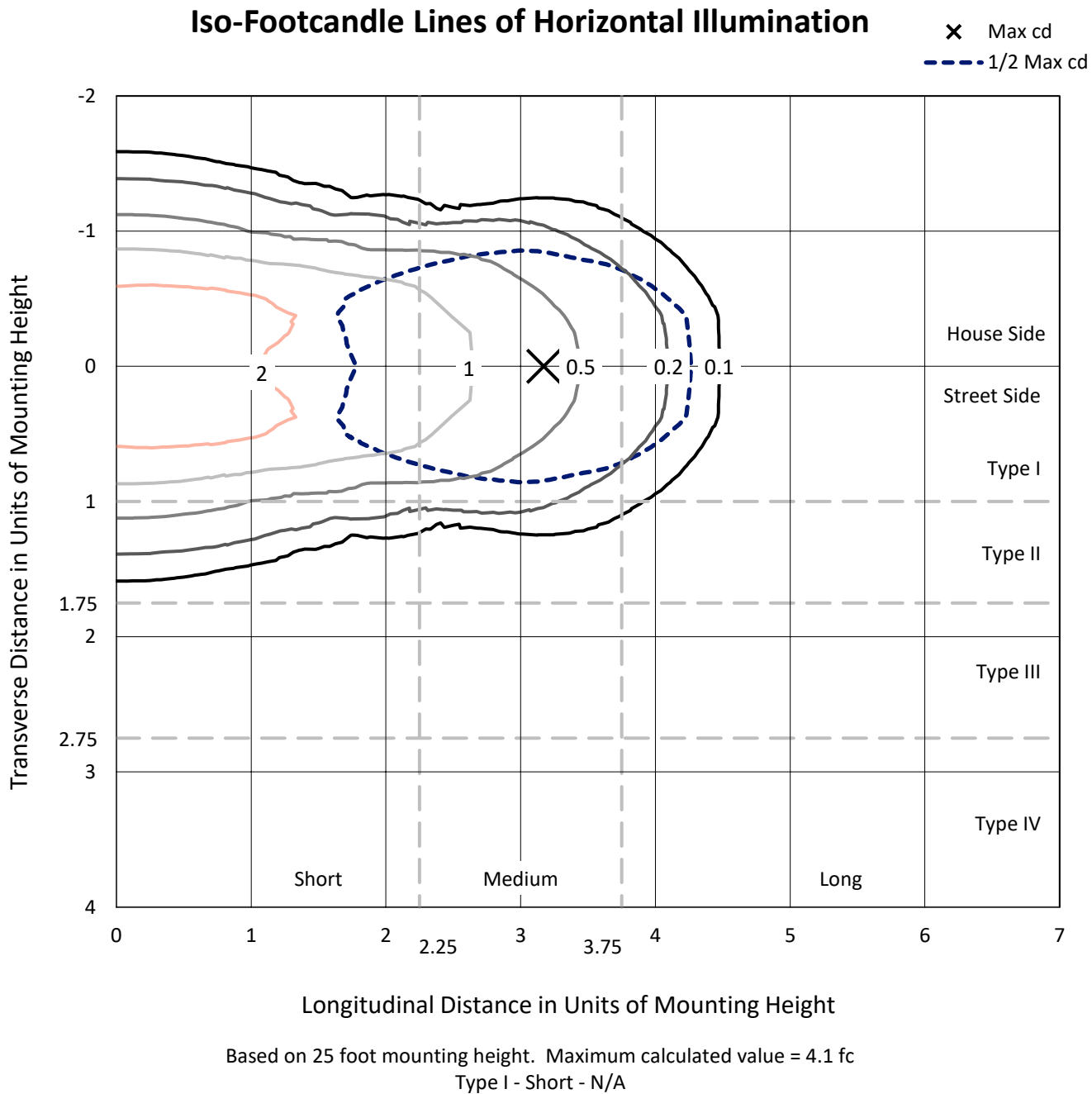
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13590 lumens
Efficiency: N/A
Efficacy: 92.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 147
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

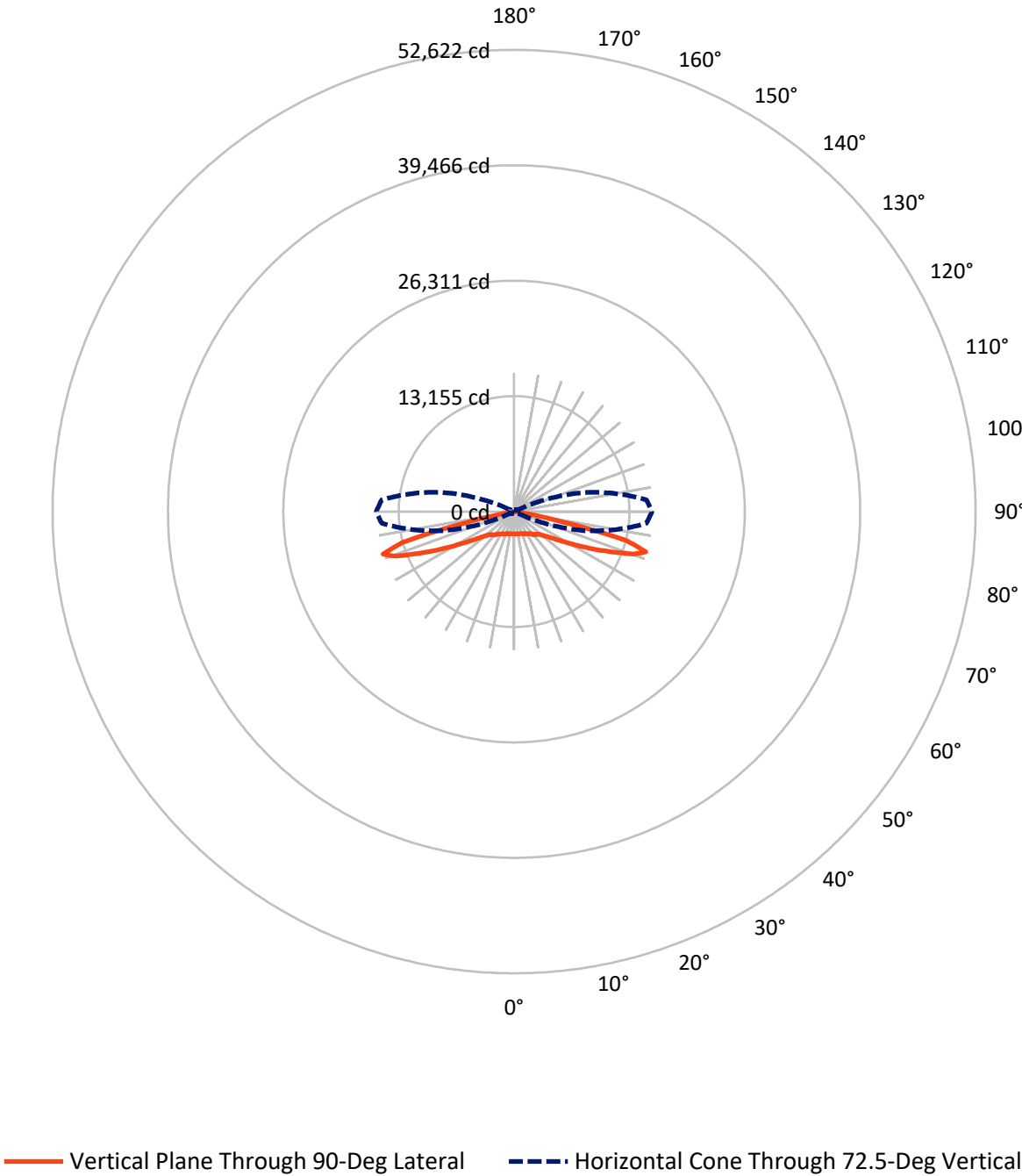


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Luminous Intensity Polar Plot



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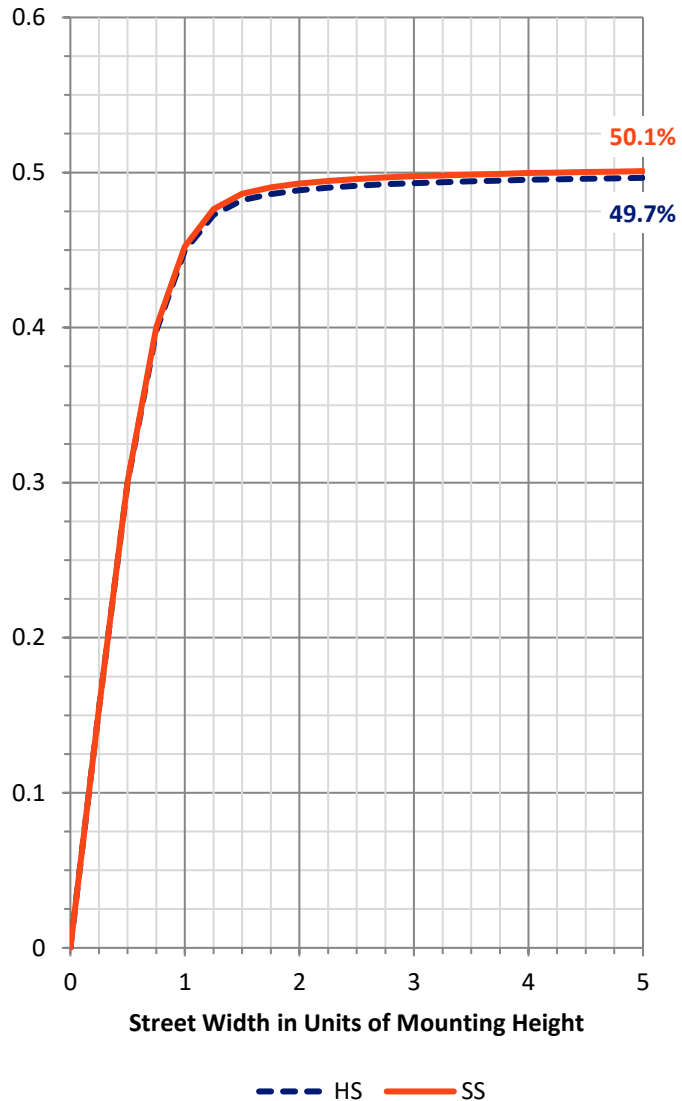
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6795.0	0.0	6795.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	6795.0	0.0	6795.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	13590.0	0.0	13590.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	246.2	1.8
10°-20°	752.9	5.5
20°-30°	1255.3	9.2
30°-40°	1726.5	12.7
40°-50°	2108.5	15.5
50°-60°	2438.7	17.9
60°-70°	2907.8	21.4
70°-80°	2029.4	14.9
80°-90°	124.6	0.9
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	13590.0	100.0
0°-180°	13590.0	100.0

Coefficient of Utilization



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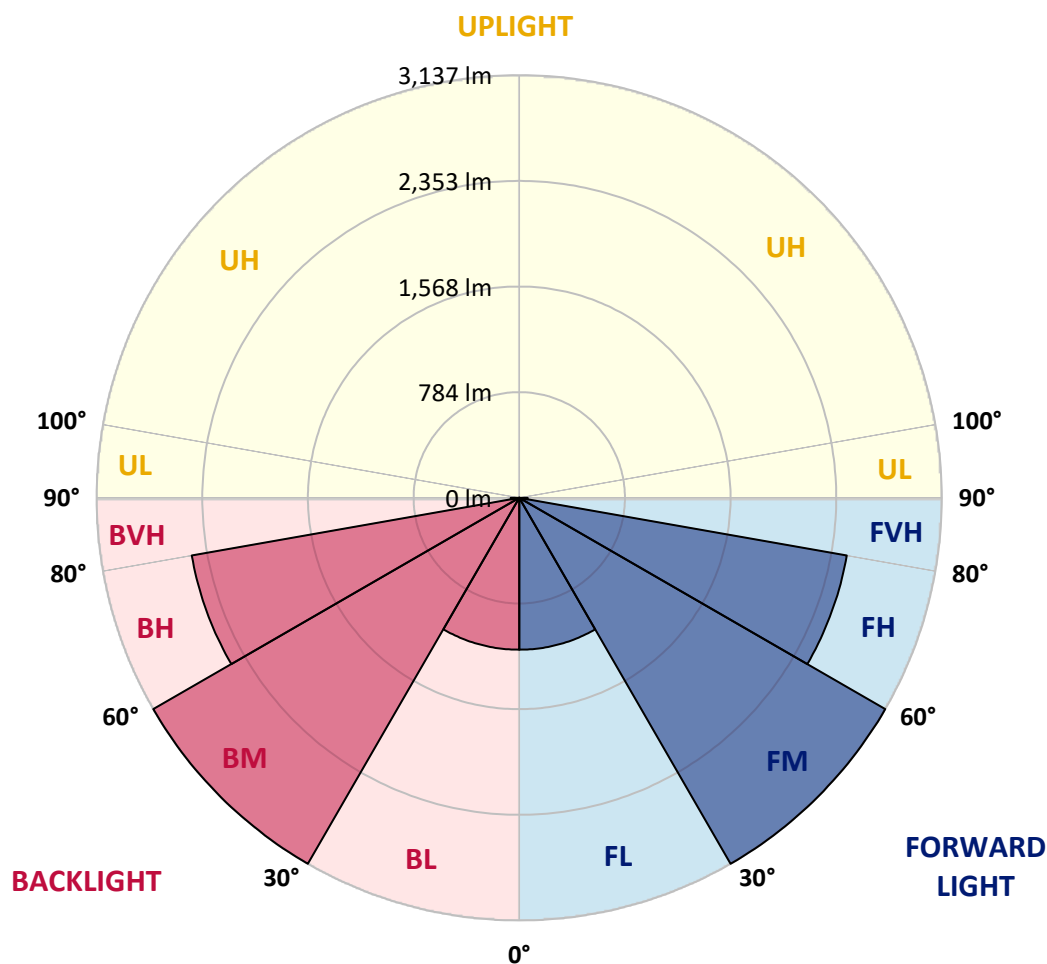
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1127.2	8.3			
FM	(30°-60°)	3136.9	23.1			
FH	(60°-80°)	2468.6	18.2			G2/5000
FVH	(80°-90°)	62.3	0.5			G1/100
BL	(0°-30°)	1127.2	8.3	B3/2500		
BM	(30°-60°)	3136.9	23.1	B3/5000		
BH	(60°-80°)	2468.6	18.2	B3/2500		G3/2500
BVH	(80°-90°)	62.3	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2539.4	2539.4	2539.4	2539.4	2539.4	2539.4	2539.4	2539.4	2539.4	2539.4
2.5°	2541.6	2544.5	2544.5	2542.3	2547.4	2543.0	2543.0	2540.9	2543.0	2540.9
5°	2554.6	2558.2	2559.7	2558.9	2565.4	2561.8	2561.8	2558.9	2559.7	2557.5
7.5°	2579.2	2584.2	2587.1	2590.7	2600.1	2595.8	2592.9	2584.2	2580.6	2574.8
10°	2587.1	2592.9	2602.3	2621.0	2642.7	2643.4	2634.8	2613.1	2596.5	2583.5
12.5°	2562.5	2570.5	2590.0	2628.3	2676.7	2696.2	2682.4	2646.3	2613.8	2590.7
15°	2531.5	2540.2	2569.8	2627.5	2699.1	2744.6	2743.1	2695.4	2643.4	2607.3
17.5°	2483.1	2491.8	2534.4	2615.3	2716.4	2791.5	2811.7	2762.6	2689.7	2641.3
20°	2395.7	2403.7	2462.9	2576.3	2722.2	2841.3	2894.1	2850.7	2759.7	2694.0
22.5°	2282.3	2294.6	2363.9	2509.1	2708.4	2893.3	2988.0	2958.3	2841.3	2750.3
25°	2161.0	2174.0	2254.9	2426.8	2673.1	2930.9	3099.2	3080.4	2933.8	2820.4
27.5°	2056.2	2070.0	2158.1	2345.1	2618.2	2945.3	3209.0	3218.4	3045.7	2897.7
30°	1973.9	1986.9	2080.8	2279.4	2547.4	2930.9	3305.0	3370.0	3159.8	2964.8
32.5°	1883.6	1900.2	1999.2	2199.3	2463.6	2896.2	3388.8	3534.0	3292.0	3037.1
35°	1769.5	1784.7	1888.7	2089.5	2353.8	2840.6	3458.9	3716.0	3481.3	3146.8
37.5°	1630.8	1645.3	1748.6	1952.2	2244.8	2762.6	3512.3	3921.1	3706.6	3305.0
40°	1491.4	1505.2	1602.0	1799.1	2114.0	2662.9	3531.1	4121.9	3965.2	3522.4
42.5°	1363.6	1375.9	1464.7	1648.2	1967.4	2535.8	3506.5	4296.7	4197.0	3674.1
45°	1245.9	1256.7	1335.4	1506.6	1815.0	2381.3	3432.9	4484.5	4472.9	3782.4
47.5°	1111.5	1122.4	1204.0	1369.4	1662.6	2200.0	3307.9	4669.4	4856.4	4028.0
50°	947.6	957.0	1040.8	1211.2	1504.4	2007.1	3134.6	4814.5	5340.3	4400.0
52.5°	753.3	763.4	845.0	1015.5	1316.7	1799.8	2906.3	4909.1	5899.3	4943.1
55°	560.5	567.7	638.5	791.6	1084.1	1563.7	2620.3	4935.9	6533.5	5685.6
57.5°	406.6	411.0	456.5	570.6	821.9	1268.3	2272.9	4866.5	7288.2	6637.5
60°	329.3	330.8	344.5	395.1	571.3	934.6	1853.3	4628.2	8107.3	7864.6
62.5°	299.0	299.0	302.6	316.3	386.4	616.8	1345.6	4134.2	8985.5	9415.3
65°	278.1	278.1	279.5	286.0	304.8	392.9	849.4	3329.6	9725.8	11231.7
67.5°	259.3	260.0	259.3	261.5	272.3	290.3	492.6	2299.6	10124.5	13113.9
70°	239.8	241.2	237.6	237.6	246.3	247.0	308.4	1261.1	9793.7	14691.3
72.5°	216.7	218.8	213.1	211.6	218.1	215.2	231.8	605.2	8408.4	15162.2
75°	196.5	199.3	186.3	182.7	182.7	180.6	188.5	310.6	5457.3	12368.6
77.5°	178.4	184.2	163.2	151.7	148.8	142.3	153.8	190.0	2387.0	5806.9
80°	147.3	155.3	134.3	120.6	115.6	108.3	121.3	132.9	710.0	1348.4
82.5°	109.8	113.4	95.3	85.9	81.6	76.6	91.0	92.4	231.1	477.4
85°	70.1	71.5	58.5	50.6	48.4	46.2	57.8	50.6	88.1	351.0
87.5°	24.6	28.2	22.4	20.2	21.7	18.1	26.7	15.2	24.6	247.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

2539.4
2540.9
2557.5
2574.8
2581.3
2587.1
2601.5
2633.3
2681.7
2733.7
2797.3
2873.1
2929.5
2992.3
3097.0
3238.6
3451.6
3583.1
3659.6
3886.4
4222.3
4724.2
5411.8
6293.0
7430.5
8833.9
10496.5
12320.2
14482.6
15711.1
13229.5
5686.3
1291.4
539.5
509.9
307.0
0.0