

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: P957220

Luminaire Tested: **GLAN-SB9C-927-U-5MQ**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P957220
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB9C-927-U-5MQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 90 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V MEDIUM OPTICS
Light Source: -
Ballast/Driver: -

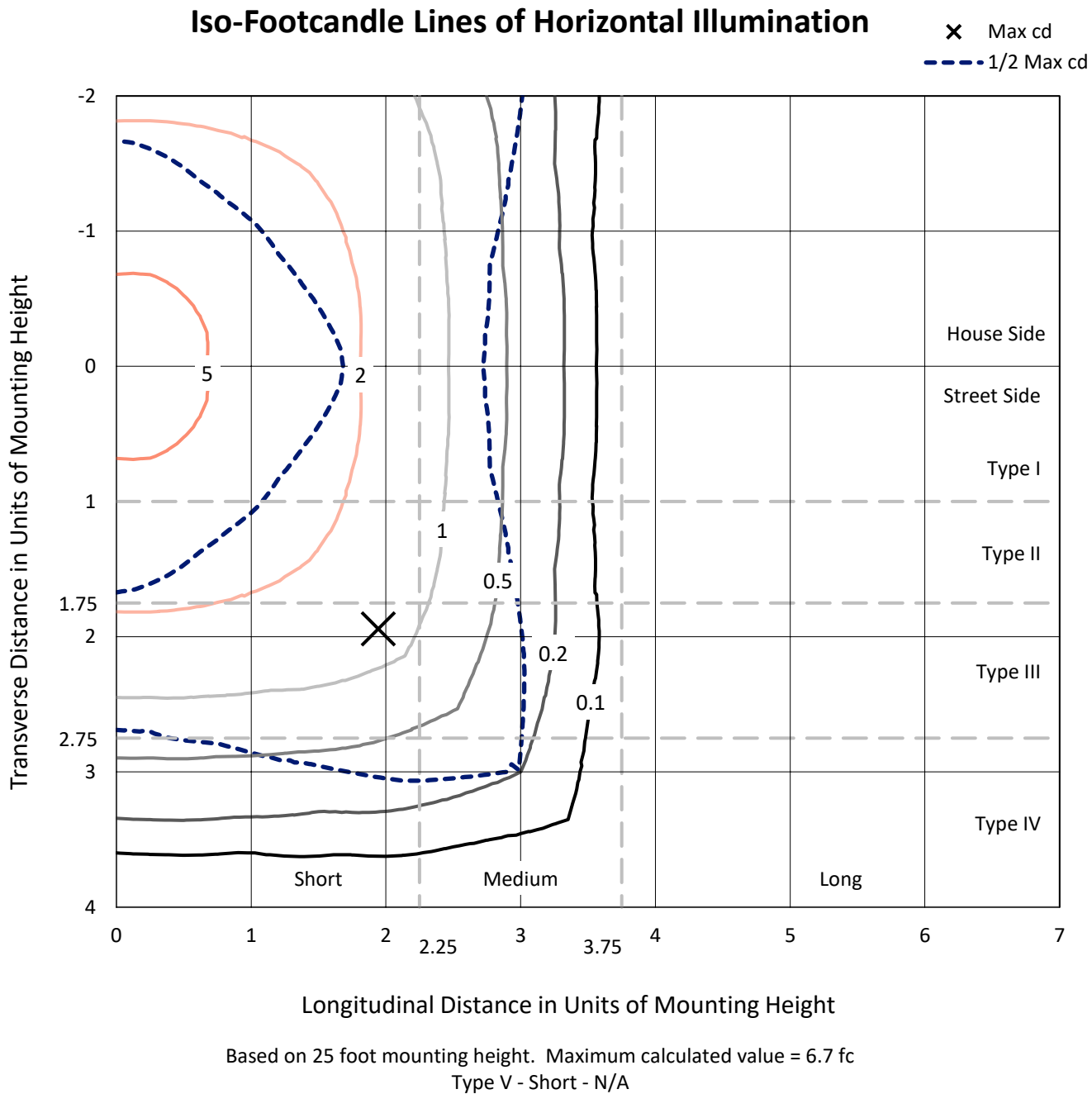
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 43483 lumens
Efficiency: N/A
Efficacy: 96.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B5 - U0 - G4

Input Watts (W): 449.8
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

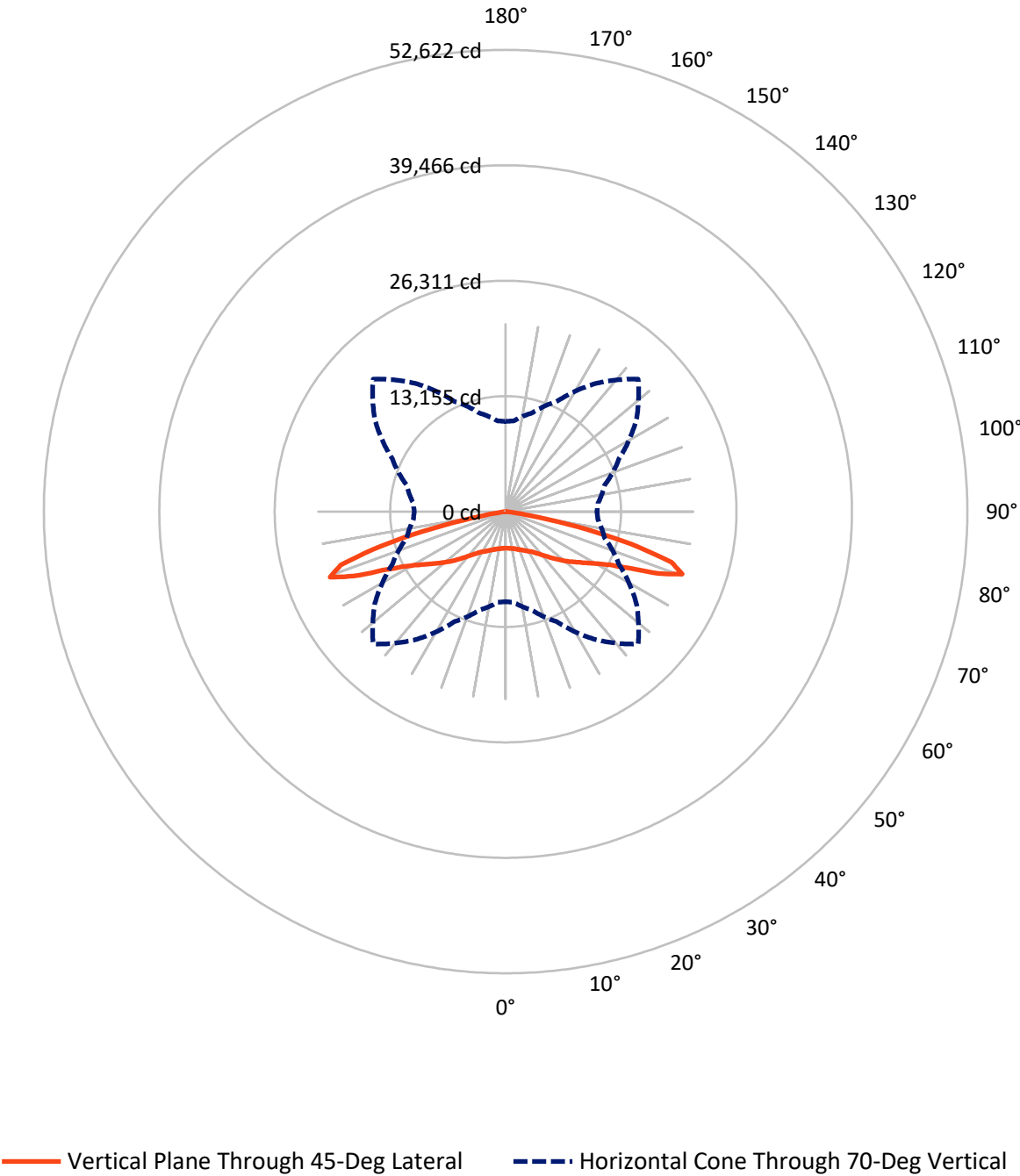


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Luminous Intensity Polar Plot



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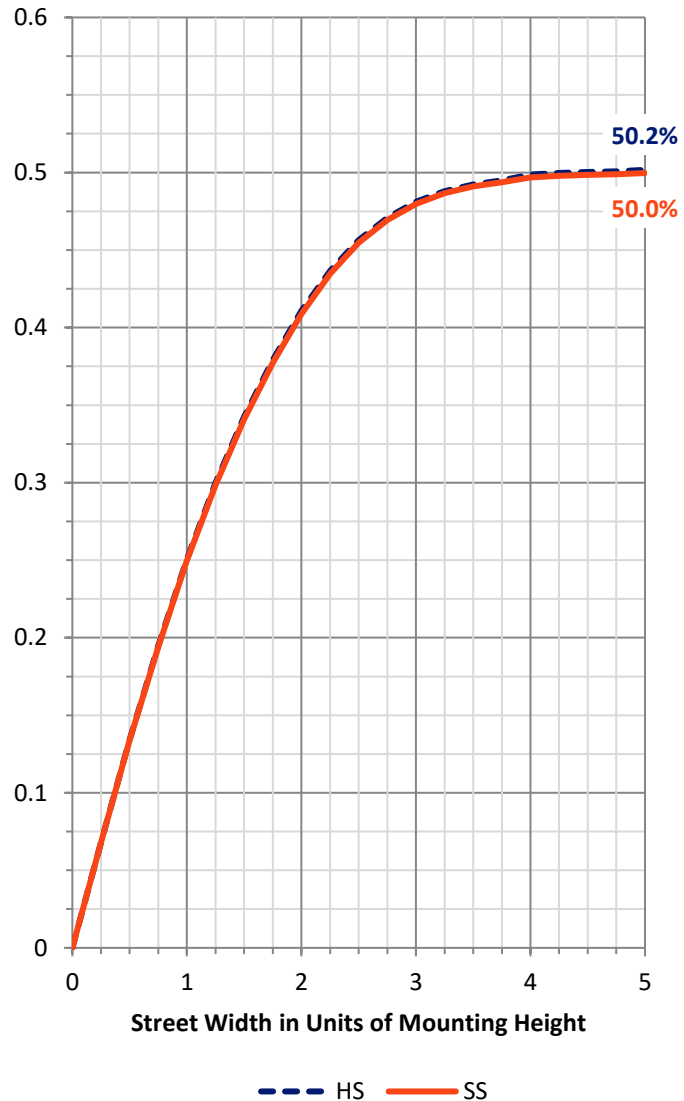
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	21741.5	0.0	21741.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	21741.5	0.0	21741.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	43483.0	0.0	43483.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	404.6	0.9
10°-20°	1254.8	2.9
20°-30°	2242.4	5.2
30°-40°	3635.0	8.4
40°-50°	5920.8	13.6
50°-60°	9027.2	20.8
60°-70°	13429.5	30.9
70°-80°	7319.5	16.8
80°-90°	249.2	0.6
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°	43483.0	100.0
0°-180°	43483.0	100.0

Coefficient of Utilization



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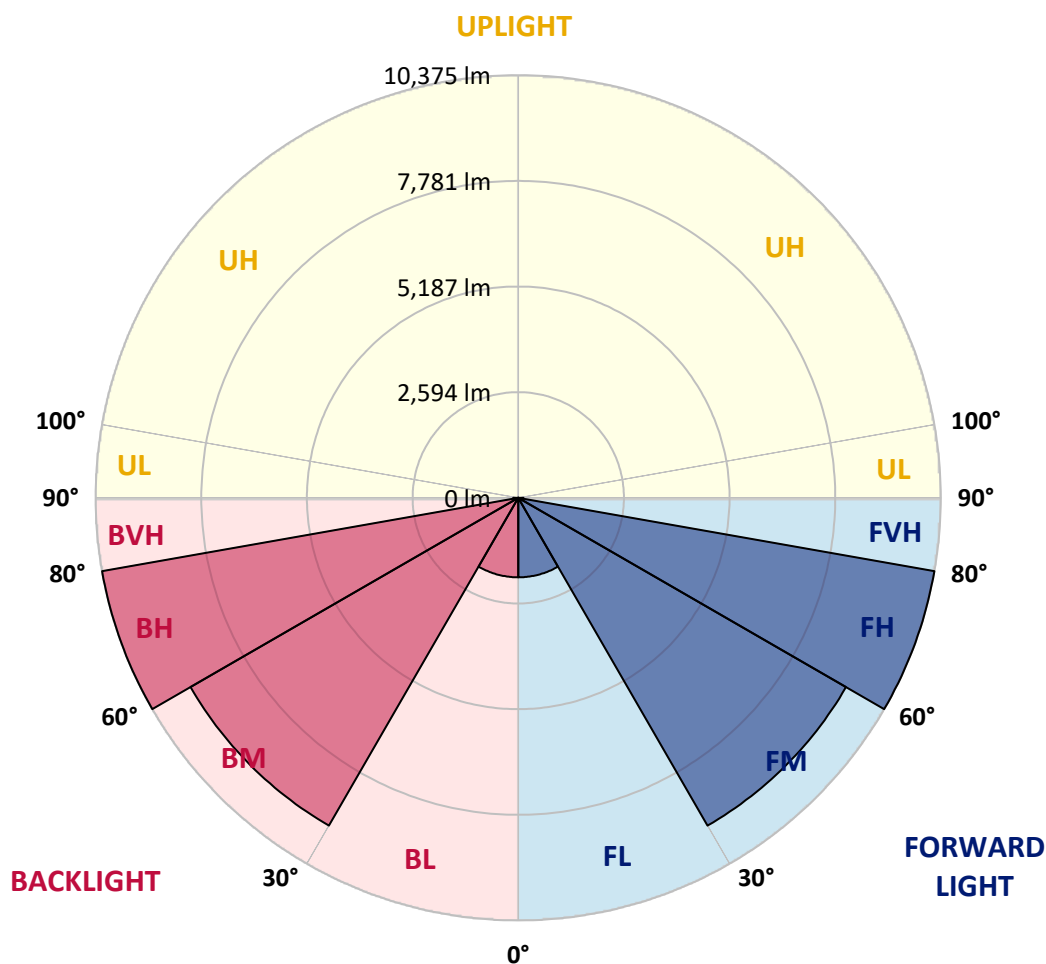
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1950.9	4.5			
FM	(30°-60°)	9291.4	21.4			
FH	(60°-80°)	10374.5	23.9			G4/12000
FVH	(80°-90°)	124.6	0.3			G2/225
BL	(0°-30°)	1950.9	4.5	B3/2500		
BM	(30°-60°)	9291.4	21.4	B5		
BH	(60°-80°)	10374.5	23.9	B5		G4/12000
BVH	(80°-90°)	124.6	0.3			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G4

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4165.2	4165.2	4165.2	4165.2	4165.2	4165.2	4165.2	4165.2	4165.2	4165.2
2.5°	4184.9	4189.2	4180.5	4176.1	4171.8	4165.2	4167.4	4178.3	4187.1	4184.9
5°	4219.8	4224.2	4217.6	4215.4	4206.7	4204.5	4204.5	4215.4	4222.0	4217.6
7.5°	4259.1	4265.6	4254.7	4252.5	4248.2	4243.8	4241.6	4252.5	4259.1	4259.1
10°	4296.2	4302.8	4294.0	4287.5	4283.1	4283.1	4278.7	4287.5	4298.4	4296.2
12.5°	4335.5	4339.9	4331.1	4326.8	4326.8	4333.3	4326.8	4331.1	4339.9	4335.5
15°	4383.5	4385.7	4383.5	4390.1	4401.0	4422.8	4403.2	4398.8	4403.2	4392.3
17.5°	4449.0	4453.4	4462.1	4477.4	4492.7	4532.0	4497.0	4486.1	4486.1	4464.3
20°	4529.8	4536.3	4549.4	4575.6	4595.3	4632.4	4597.5	4582.2	4575.6	4547.3
22.5°	4614.9	4625.8	4645.5	4680.4	4715.3	4750.3	4715.3	4689.1	4669.5	4632.4
25°	4713.2	4726.3	4756.8	4813.6	4861.6	4911.8	4870.3	4817.9	4778.7	4726.3
27.5°	4852.9	4868.2	4905.3	4975.1	5036.3	5079.9	5040.6	4972.9	4918.4	4855.1
30°	5049.3	5064.6	5108.3	5182.5	5224.0	5252.4	5226.2	5173.8	5108.3	5036.3
32.5°	5302.6	5322.2	5370.3	5440.1	5448.8	5453.2	5444.5	5418.3	5370.3	5282.9
35°	5623.5	5645.3	5699.9	5756.7	5747.9	5756.7	5743.6	5734.8	5699.9	5599.5
37.5°	6016.4	6042.6	6099.4	6143.0	6121.2	6110.3	6112.5	6114.7	6095.0	5983.7
40°	6472.7	6507.6	6549.1	6594.9	6557.8	6525.1	6546.9	6564.4	6546.9	6433.4
42.5°	6942.0	6992.2	7035.9	7101.4	7070.8	7029.4	7059.9	7079.6	7042.5	6920.2
45°	7463.8	7511.8	7568.6	7666.8	7645.0	7601.3	7645.0	7649.3	7586.0	7441.9
47.5°	8003.0	8053.2	8138.3	8269.3	8260.6	8212.6	8269.3	8238.8	8158.0	7985.5
50°	8513.8	8583.7	8714.7	8898.0	8915.5	8856.6	8933.0	8874.0	8738.7	8522.5
52.5°	8994.1	9068.3	9275.7	9524.6	9587.9	9511.5	9614.1	9511.5	9308.4	9031.2
55°	9498.4	9581.3	9828.0	10153.3	10279.9	10223.1	10319.2	10164.2	9876.0	9539.8
57.5°	10092.1	10142.4	10437.1	10823.5	11037.4	11050.5	11094.2	10832.2	10482.9	10100.9
60°	10736.1	10806.0	11126.9	11589.7	11928.1	12037.2	11991.4	11602.8	11196.8	10758.0
62.5°	11561.3	11637.7	12021.9	12576.4	13111.3	13382.0	13203.0	12639.7	12137.6	11611.5
65°	12244.6	12329.8	13024.0	14012.9	14986.5	15530.1	15080.4	14043.4	13139.7	12397.4
67.5°	11749.1	11853.9	12943.2	14759.5	17180.4	18802.4	17263.4	14982.1	13211.7	12205.3
70°	10269.0	10367.2	11637.7	13857.9	17798.2	21352.2	18169.4	14266.1	11679.2	10552.8
72.5°	6817.6	7134.1	8419.9	11083.2	15892.5	19758.6	16049.6	10858.4	7810.9	6802.3
75°	2261.6	2514.9	3392.4	5745.7	10644.5	14776.9	10133.6	5084.3	2687.3	1934.2
77.5°	569.8	657.1	906.0	1643.8	4246.0	8413.4	3822.5	1342.6	731.3	510.8
80°	277.2	305.6	436.6	547.9	1063.1	2674.2	997.6	515.2	344.9	266.3
82.5°	152.8	155.0	246.7	310.0	395.1	692.0	410.4	301.3	198.7	161.5
85°	93.9	91.7	131.0	165.9	165.9	246.7	196.5	165.9	113.5	100.4
87.5°	37.1	37.1	48.0	52.4	45.8	63.3	50.2	54.6	43.7	41.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
4165.2
4187.1
4219.8
4259.1
4296.2
4333.3
4392.3
4464.3
4547.3
4630.2
4724.1
4852.9
5036.3
5285.1
5599.5
5983.7
6433.4
6928.9
7457.2
7974.6
8518.2
9005.0
9494.0
10048.5
10688.1
11519.8
12275.2
12054.7
10402.1
6581.8
1829.4
456.3
244.5
161.5
104.8
43.7
0.0

OF REPORT)