Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: McGRAW-EDISON

Report Number: P887956

Luminaire Tested: **TT-D6-740-U-CQ-TC**

Issue Date: 10/9/2024

Report Generated By 670246001

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Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P887956
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-3)
Test Lab:	INNOVATION CENTER
Issue Date:	10/9/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	TT-D6-740-U-CQ-TC
Description:	CQ
	4000K, 70 CRI LEDS, CONCENTRATED DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11267 lumens
Efficiency:	N/A
Efficacy:	107.1 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G1

Input Watts (W):	105.2
Input Voltage (V):	120.0
Input Current (Ain):	0.88
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	9.70%
Frequency (hertz):	60
Stabilization Time:	HR
Operation Time:	HR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

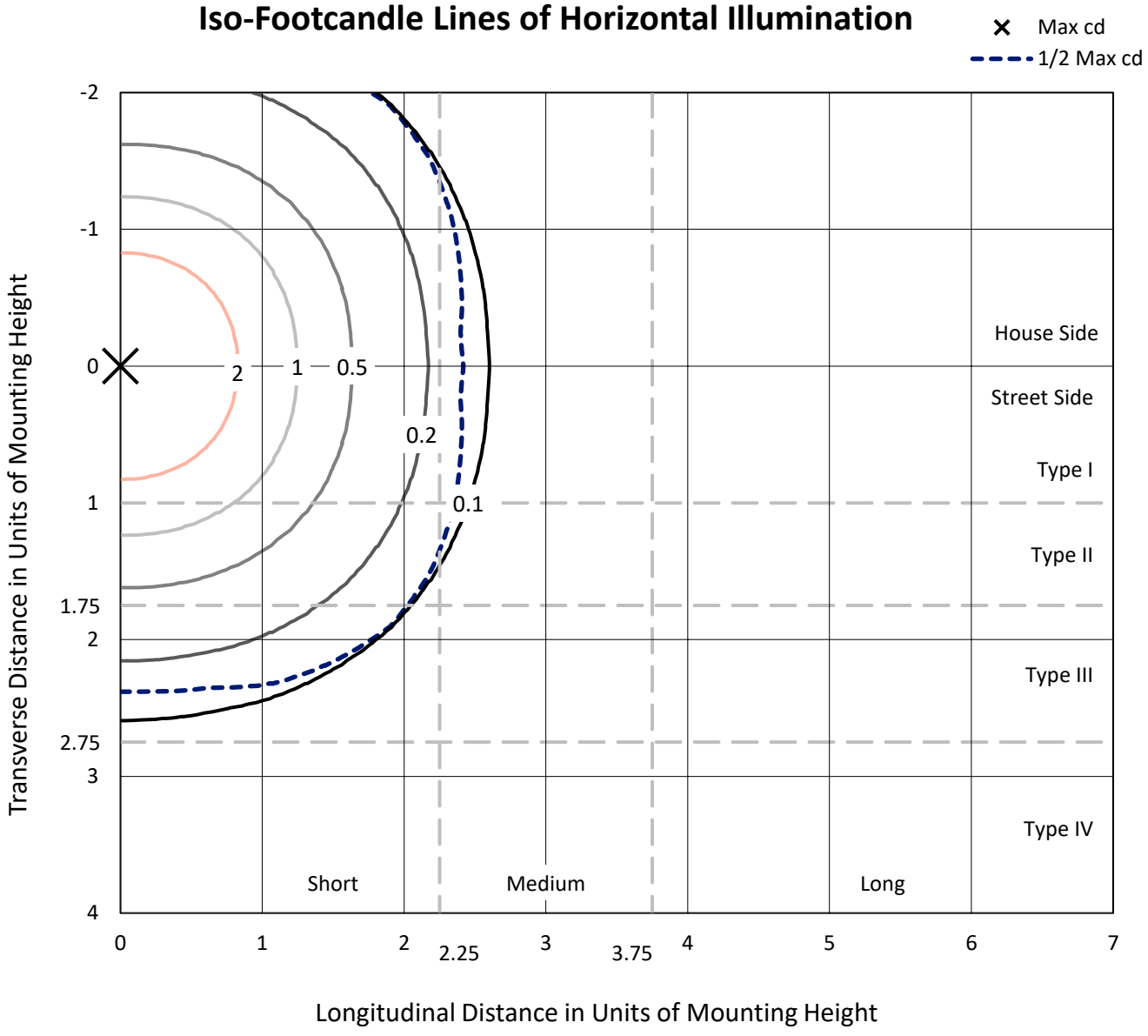


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Iso-Footcandle Lines of Horizontal Illumination



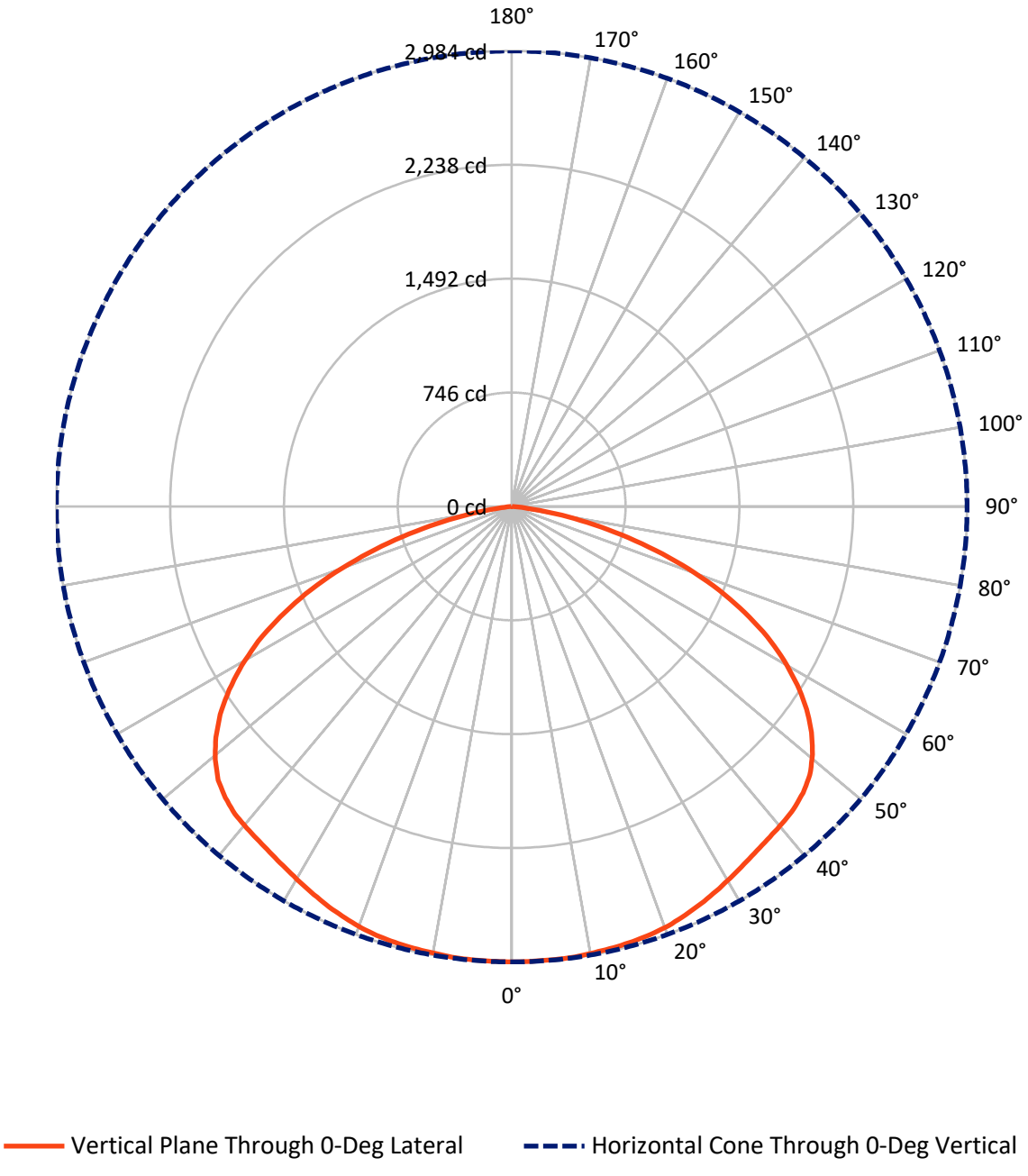
Based on 25 foot mounting height. Maximum calculated value = 4.8 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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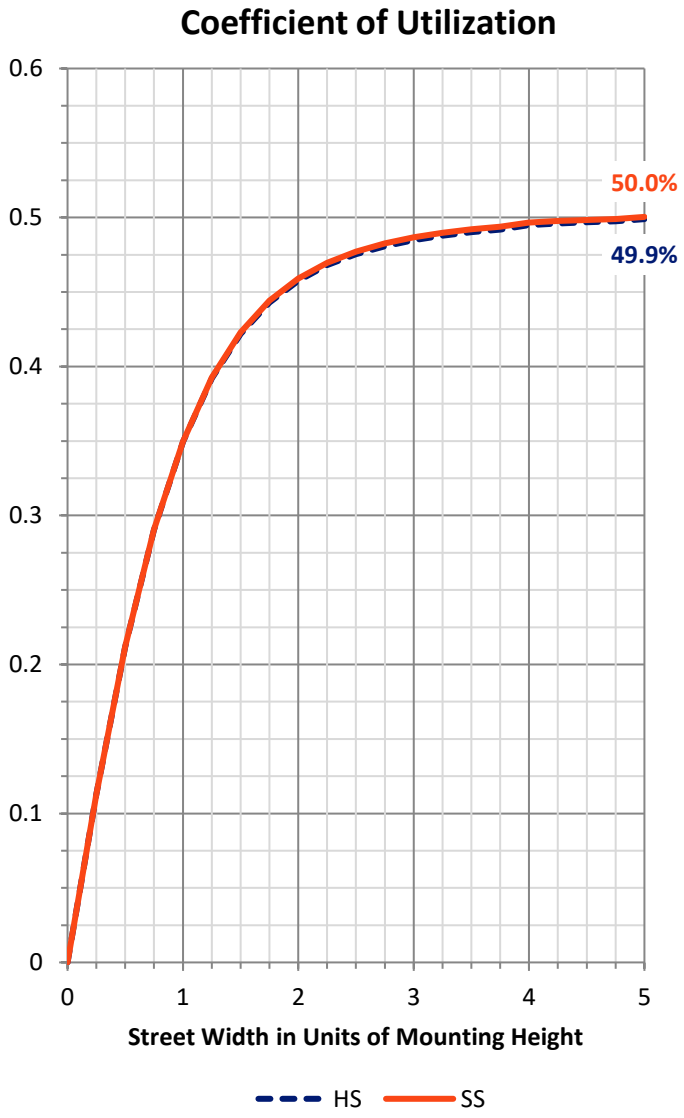
REPORT NUMBER: P887956
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5633.5	0.0	5633.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5633.5	0.0	5633.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	11267.0	0.0	11267.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	284.3	2.5
10°-20°	837.8	7.4
20°-30°	1335.3	11.9
30°-40°	1754.5	15.6
40°-50°	2114.1	18.8
50°-60°	2205.1	19.6
60°-70°	1784.2	15.8
70°-80°	864.8	7.7
80°-90°	87.0	0.8
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°	11267.0	100.0
0°-180°	11267.0	100.0



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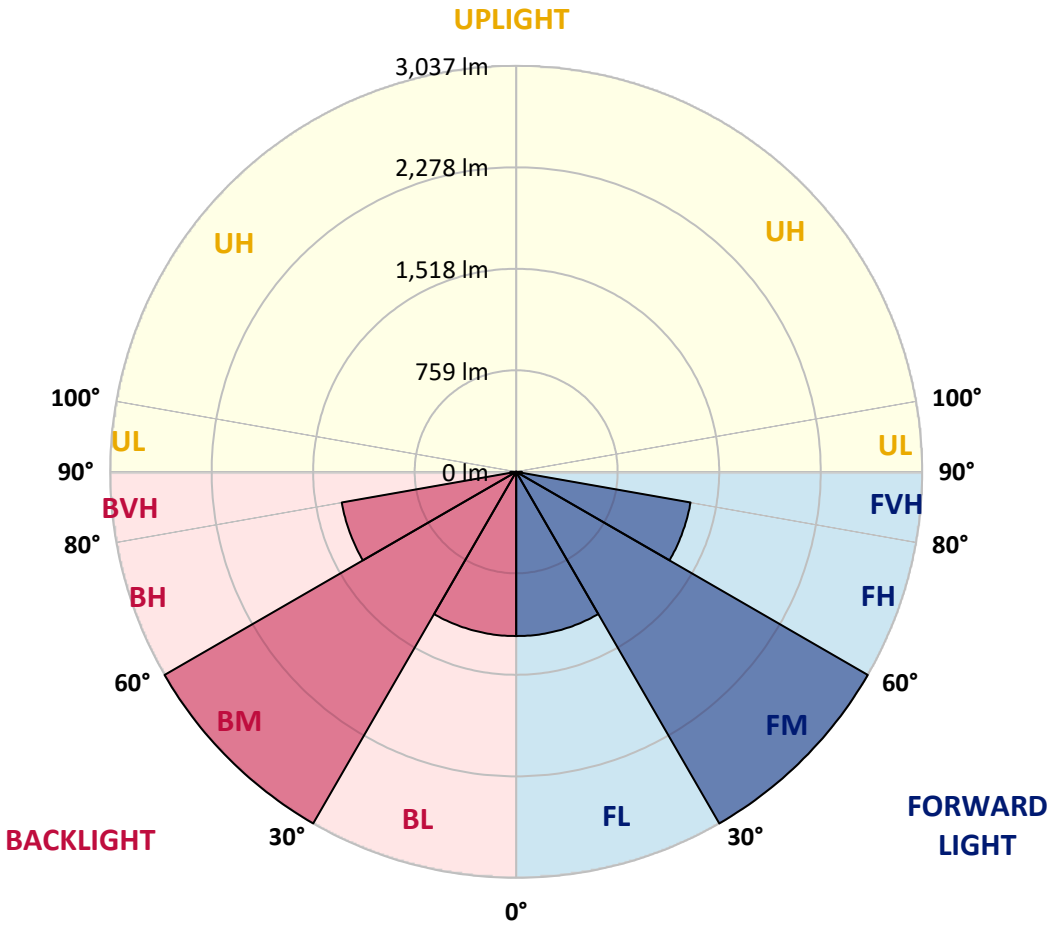
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1228.7	10.9			
FM	(30°-60°)	3036.8	27.0			
FH	(60°-80°)	1324.5	11.8			G1/1800
FVH	(80°-90°)	43.5	0.4			G1/100
BL	(0°-30°)	1228.7	10.9	B3/2500		
BM	(30°-60°)	3036.8	27.0	B3/5000		
BH	(60°-80°)	1324.5	11.8	B3/2500		G1/1800
BVH	(80°-90°)	43.5	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2984.4	2984.4	2984.4	2984.4	2984.4	2984.4	2984.4	2984.4	2984.4	2984.4	2984.4
2.5°	2982.4	2982.4	2982.4	2980.4	2980.4	2980.4	2980.4	2982.4	2982.4	2982.4	2982.4
5°	2982.4	2982.4	2982.4	2982.4	2980.4	2980.4	2980.4	2982.4	2982.4	2982.4	2982.4
7.5°	2980.4	2980.4	2980.4	2978.5	2978.5	2978.5	2978.5	2978.5	2978.5	2978.5	2978.5
10°	2972.5	2972.5	2974.5	2972.5	2972.5	2972.5	2972.5	2974.5	2972.5	2972.5	2972.5
12.5°	2966.6	2966.6	2966.6	2966.6	2964.7	2966.6	2964.7	2964.7	2964.7	2964.7	2964.7
15°	2958.7	2960.7	2958.7	2958.7	2960.7	2960.7	2958.7	2958.7	2956.8	2956.8	2956.8
17.5°	2948.9	2948.9	2950.9	2950.9	2952.8	2952.8	2950.9	2950.9	2948.9	2946.9	2946.9
20°	2933.1	2935.1	2935.1	2937.1	2939.0	2941.0	2939.0	2937.1	2935.1	2933.1	2931.2
22.5°	2909.5	2911.4	2913.4	2917.4	2919.3	2921.3	2917.4	2915.4	2913.4	2911.4	2911.4
25°	2883.8	2885.8	2887.8	2891.7	2893.7	2895.7	2893.7	2889.8	2887.8	2885.8	2885.8
27.5°	2854.3	2856.2	2858.2	2864.1	2866.1	2868.1	2864.1	2860.2	2856.2	2854.3	2854.3
30°	2824.7	2826.7	2830.6	2836.5	2842.4	2844.4	2836.5	2832.6	2826.7	2822.7	2822.7
32.5°	2795.1	2797.1	2801.1	2812.9	2818.8	2820.8	2816.8	2808.9	2799.1	2793.2	2791.2
35°	2769.5	2773.5	2781.3	2795.1	2803.0	2807.0	2803.0	2791.2	2777.4	2767.5	2767.5
37.5°	2747.8	2753.7	2765.6	2785.3	2801.1	2805.0	2799.1	2783.3	2763.6	2749.8	2747.8
40°	2730.1	2736.0	2753.7	2779.4	2801.1	2807.0	2799.1	2777.4	2751.8	2734.0	2730.1
42.5°	2710.4	2716.3	2739.9	2771.5	2797.1	2807.0	2797.1	2769.5	2736.0	2712.3	2710.4
45°	2676.9	2684.8	2712.3	2753.7	2785.3	2797.1	2785.3	2753.7	2712.3	2684.8	2682.8
47.5°	2629.6	2637.4	2669.0	2722.2	2759.7	2777.4	2765.6	2728.1	2682.8	2647.3	2643.4
50°	2554.7	2568.5	2602.0	2667.0	2710.4	2736.0	2726.1	2684.8	2631.5	2594.1	2590.1
52.5°	2460.0	2473.8	2515.2	2588.2	2637.4	2671.0	2661.1	2615.8	2560.6	2513.3	2511.3
55°	2345.7	2361.5	2404.8	2489.6	2544.8	2582.3	2570.4	2517.2	2456.1	2402.9	2400.9
57.5°	2207.7	2227.4	2274.7	2363.4	2426.5	2469.9	2452.2	2397.0	2326.0	2264.9	2266.9
60°	2052.0	2073.7	2123.0	2215.6	2282.6	2324.0	2308.3	2247.1	2172.2	2107.2	2109.2
62.5°	1880.5	1894.3	1943.6	2040.2	2107.2	2154.5	2130.8	2067.8	1990.9	1923.9	1933.7
65°	1679.4	1693.2	1740.6	1837.1	1900.2	1947.5	1923.9	1858.8	1780.0	1709.0	1724.8
67.5°	1468.5	1472.5	1508.0	1608.5	1667.6	1713.0	1687.3	1624.3	1549.4	1484.3	1496.1
70°	1232.0	1228.0	1265.5	1358.1	1409.4	1450.8	1425.2	1366.0	1299.0	1237.9	1249.7
72.5°	985.6	981.6	1011.2	1096.0	1129.5	1176.8	1153.1	1097.9	1044.7	983.6	995.4
75°	743.1	735.3	760.9	831.8	859.4	900.8	879.1	829.9	786.5	731.3	745.1
77.5°	506.6	500.7	520.4	579.5	597.3	638.7	609.1	575.6	540.1	484.9	504.6
80°	291.7	285.8	297.6	346.9	358.8	386.4	366.6	341.0	313.4	276.0	287.8
82.5°	108.4	112.4	118.3	149.8	161.6	187.3	167.6	147.8	128.1	104.5	112.4
85°	7.9	7.9	7.9	11.8	15.8	25.6	17.7	13.8	9.9	5.9	9.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)