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: P887955

Luminaire Tested: **TT-D6-735-U-WQ-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:	P887955
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-1)
Test Lab:	INNOVATION CENTER
Issue Date:	10/9/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	TT-D6-735-U-WQ-TC
Description:	WQ
	3500K, 70 CRI LEDS, WIDE DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10196 lumens
Efficiency:	N/A
Efficacy:	96.9 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G2

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

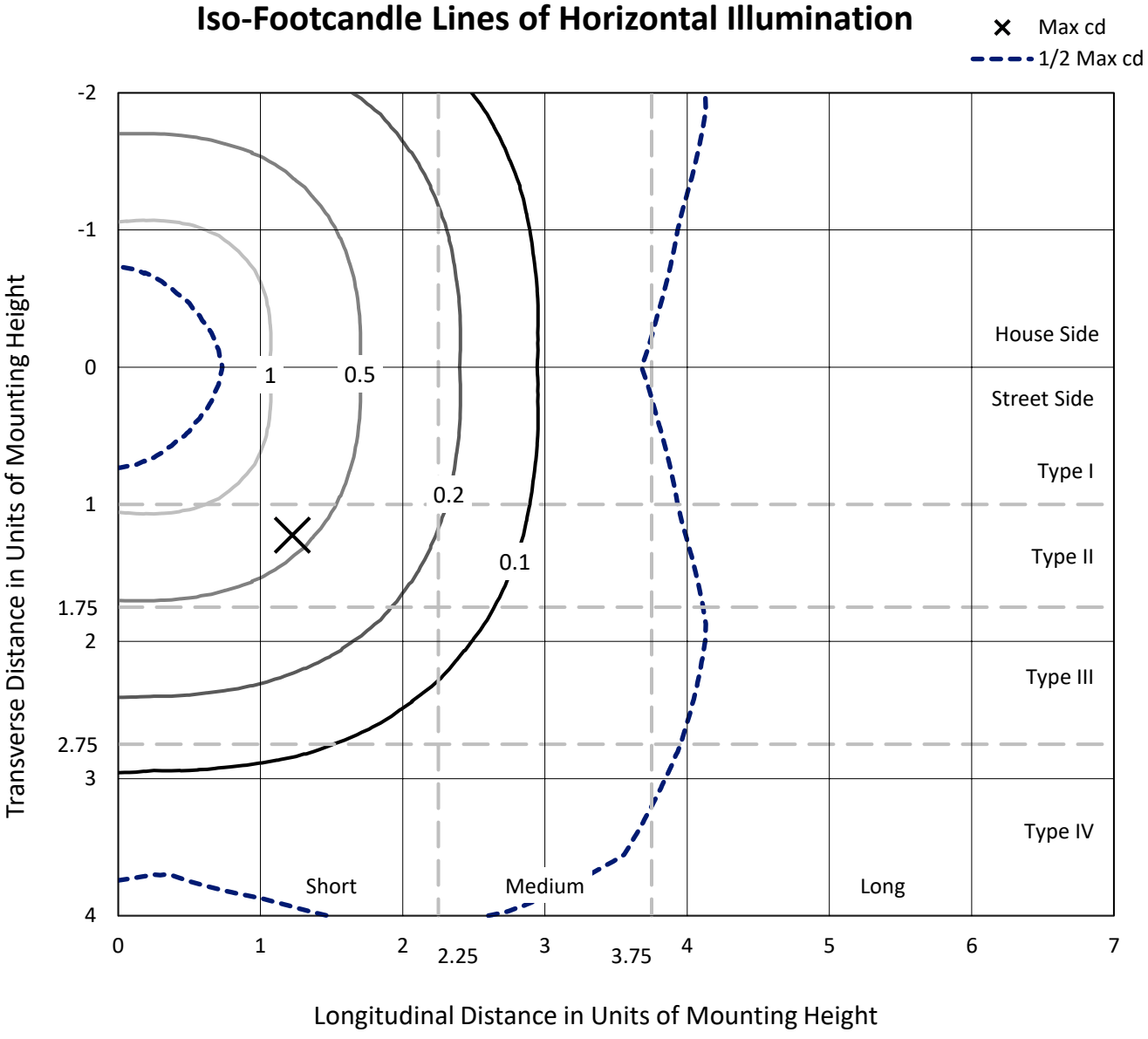


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Iso-Footcandle Lines of Horizontal Illumination



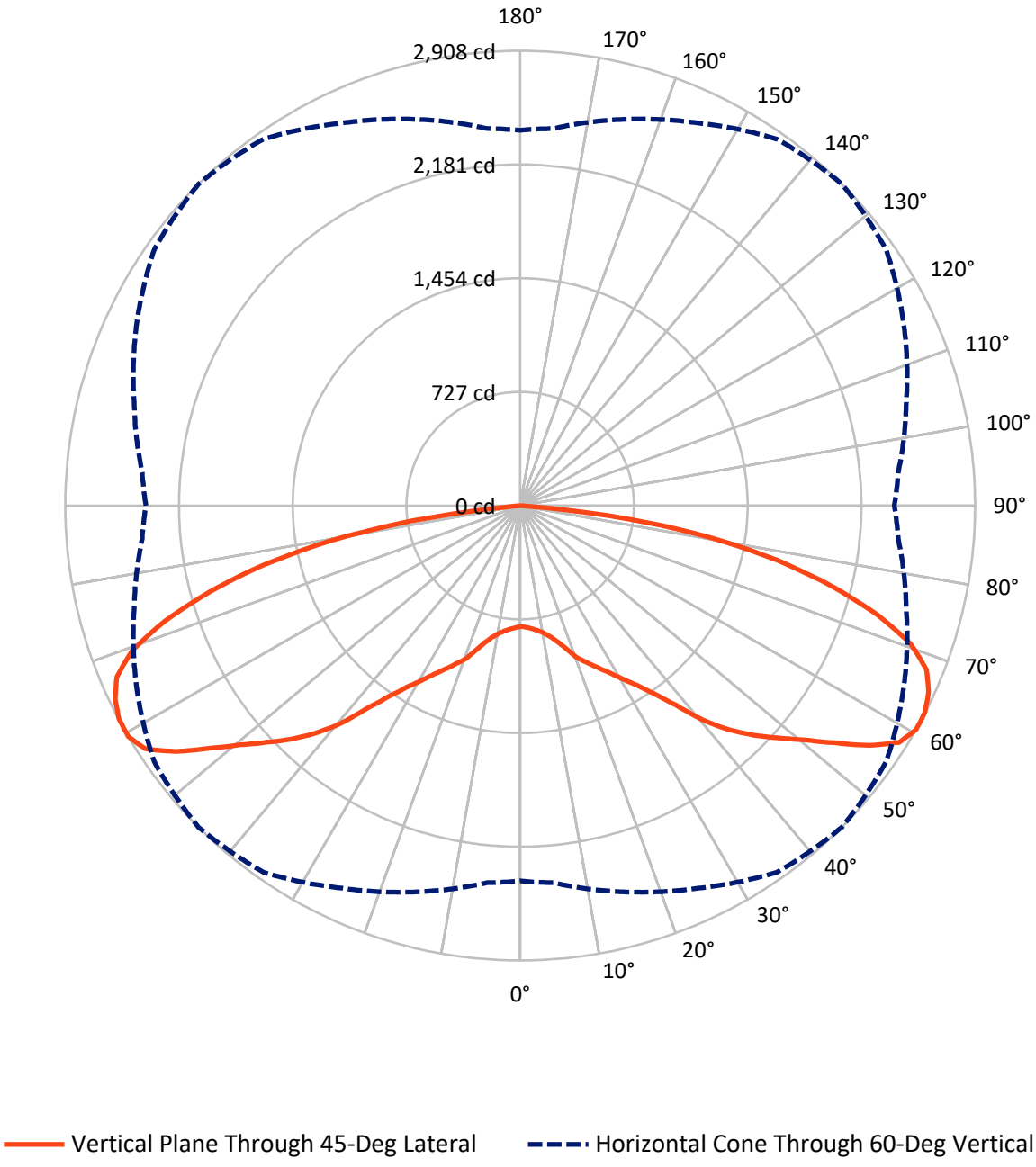
Based on 25 foot mounting height. Maximum calculated value = 1.4 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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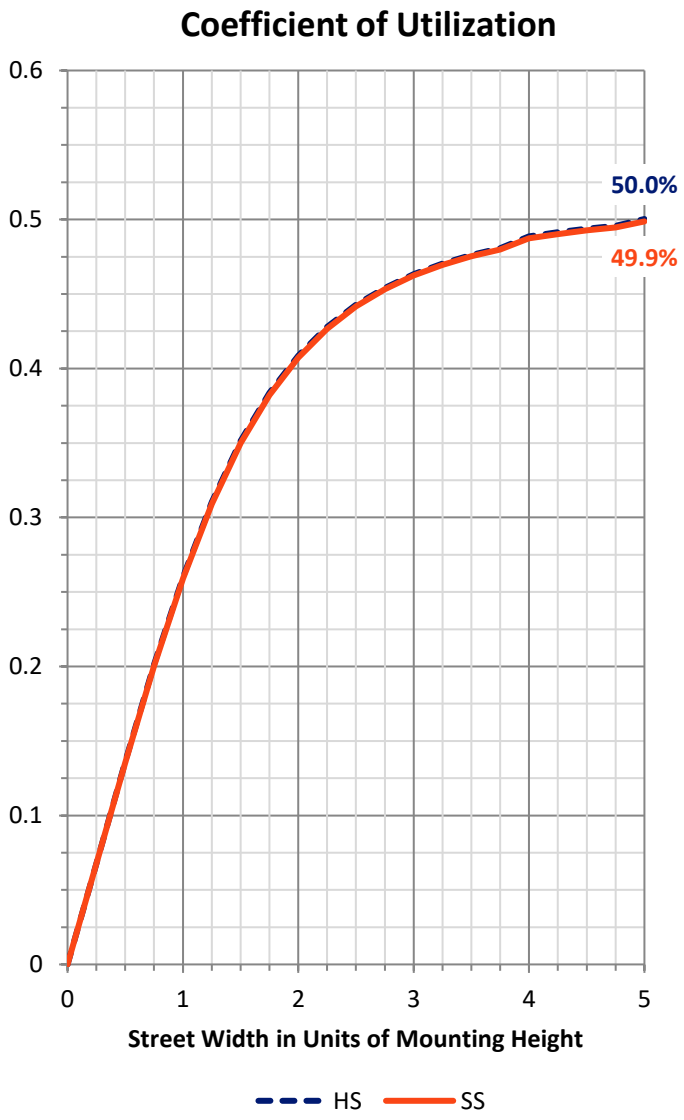
REPORT NUMBER: P887955
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5098.0	0.0	5098.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5098.0	0.0	5098.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	10196.0	0.0	10196.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.7	0.8
10°-20°	261.3	2.6
20°-30°	530.3	5.2
30°-40°	925.2	9.1
40°-50°	1544.9	15.2
50°-60°	2238.3	22.0
60°-70°	2547.2	25.0
70°-80°	1812.7	17.8
80°-90°	259.4	2.5
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°	10196.0	100.0
0°-180°	10196.0	100.0



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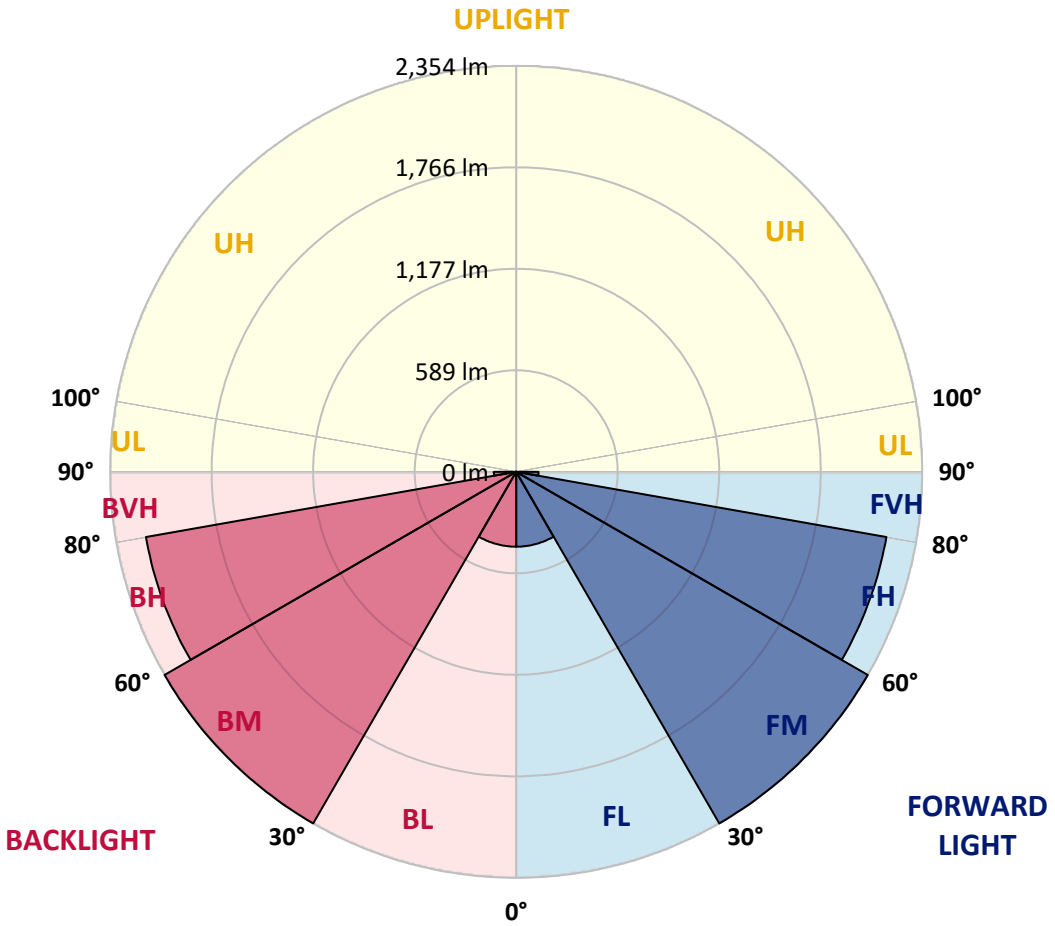
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	434.1	4.3			
FM	(30°-60°)	2354.2	23.1			
FH	(60°-80°)	2180.0	21.4			G2/5000
FVH	(80°-90°)	129.7	1.3			G2/225
BL	(0°-30°)	434.1	4.3	B1/500		
BM	(30°-60°)	2354.2	23.1	B2/2500		
BH	(60°-80°)	2180.0	21.4	B3/2500		G2/5000
BVH	(80°-90°)	129.7	1.3			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	771.8	771.8	771.8	771.8	771.8	*771.8*	771.8	771.8	771.8	771.8	771.8
2.5°	781.1	781.1	781.1	781.1	781.1	*779.2*	779.2	781.1	781.1	781.1	783.0
5°	790.5	792.3	790.5	792.3	790.5	*790.5*	790.5	792.3	792.3	792.3	792.3
7.5°	805.4	805.4	803.5	805.4	803.5	*805.4*	805.4	807.3	807.3	807.3	807.3
10°	829.7	829.7	829.7	829.7	827.8	*827.8*	829.7	831.6	833.4	833.4	833.4
12.5°	861.5	861.5	861.5	865.2	861.5	*859.6*	859.6	863.3	865.2	863.3	861.5
15°	898.8	898.8	900.7	904.4	904.4	*904.4*	902.6	902.6	904.4	900.7	898.8
17.5°	949.3	949.3	949.3	956.8	962.4	*964.2*	958.6	954.9	954.9	951.2	947.4
20°	1014.7	1016.6	1016.6	1024.0	1033.4	*1037.1*	1031.5	1024.0	1022.2	1016.6	1014.7
22.5°	1068.9	1072.6	1074.5	1080.1	1087.6	*1089.4*	1089.4	1082.0	1080.1	1076.4	1068.9
25°	1121.2	1124.9	1126.8	1138.0	1145.5	*1145.5*	1147.4	1138.0	1134.3	1128.7	1121.2
27.5°	1179.1	1179.1	1181.0	1196.0	1209.0	*1207.2*	1207.2	1199.7	1192.2	1182.9	1181.0
30°	1240.8	1244.5	1244.5	1263.2	1278.2	*1283.8*	1276.3	1268.8	1257.6	1248.3	1242.7
32.5°	1311.8	1313.7	1321.2	1347.3	1362.3	*1367.9*	1364.1	1351.1	1332.4	1323.0	1317.4
35°	1392.2	1394.0	1412.7	1448.2	1470.6	*1476.3*	1476.3	1450.1	1425.8	1405.2	1395.9
37.5°	1504.3	1509.9	1539.8	1584.6	1627.6	*1618.3*	1633.2	1586.5	1549.1	1521.1	1508.0
40°	1644.4	1650.0	1694.9	1745.3	1803.3	*1805.1*	1810.7	1747.2	1698.6	1663.1	1648.2
42.5°	1749.1	1765.9	1822.0	1887.4	1937.8	*1958.4*	1947.2	1889.2	1823.8	1779.0	1762.2
45°	1859.3	1876.2	1943.4	2016.3	2070.5	*2092.9*	2074.2	2018.2	1949.0	1891.1	1870.5
47.5°	1969.6	1986.4	2055.5	2135.9	2203.2	*2218.1*	2206.9	2139.6	2059.3	1995.7	1975.2
50°	2078.0	2098.5	2165.8	2266.7	2341.5	*2352.7*	2345.2	2268.6	2167.7	2102.3	2089.2
52.5°	2173.3	2205.0	2304.1	2406.9	2507.8	*2519.0*	2513.4	2405.0	2291.0	2206.9	2169.5
55°	2289.1	2309.7	2412.5	2580.6	2664.7	*2705.8*	2677.8	2569.4	2416.2	2320.9	2292.9
57.5°	2391.9	2410.6	2507.8	2670.3	2797.4	*2855.3*	2808.6	2672.2	2511.5	2405.0	2397.5
60°	*2399.4*	*2419.9*	*2556.4*	*2698.4*	*2860.9*	*2907.7*	*2855.3*	*2707.7*	*2554.5*	*2425.5*	*2391.9*
62.5°	2356.4	2382.6	2513.4	2726.4	2875.9	*2903.9*	2860.9	2709.6	2522.7	2395.6	2358.3
65°	2350.8	2362.0	2476.0	2698.4	2812.4	*2868.4*	2814.2	2689.0	2487.2	2365.7	2334.0
67.5°	2210.6	2206.9	2360.1	2558.2	2739.5	*2801.1*	2733.9	2562.0	2373.2	2225.6	2188.2
70°	2025.6	2016.3	2167.7	2386.3	2567.6	*2647.9*	2563.8	2393.8	2186.4	2031.3	2003.2
72.5°	1779.0	1762.2	1917.3	2150.8	2324.6	*2388.2*	2320.9	2158.3	1937.8	1790.2	1747.2
75°	1459.4	1437.0	1608.9	1833.2	1992.0	*2059.3*	1982.7	1855.6	1637.0	1485.6	1427.7
77.5°	1093.2	1063.3	1225.9	1459.4	1599.6	*1679.9*	1597.7	1478.1	1263.2	1113.7	1067.0
80°	702.6	663.4	794.2	1027.8	1149.2	*1227.7*	1134.3	1037.1	829.7	706.4	672.7
82.5°	285.9	252.3	338.2	508.3	603.6	*695.1*	598.0	513.9	362.5	282.2	259.7
85°	20.6	11.2	16.8	20.6	16.8	*31.8*	13.1	16.8	14.9	14.9	14.9
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)