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: P887907

Luminaire Tested: **TT-D5-830-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:	P887907
	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-D5-830-U-WQ-TC
Description:	WQ
	3000K, 80 CRI LEDS, WIDE DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7325 lumens
Efficiency:	N/A
Efficacy:	98.1 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G1

Input Watts (W):	74.7
Input Voltage (V):	120.0
Input Current (Ain):	0.62
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	9.98%
Frequency (hertz):	60
Stabilization Time:	HR
Operation Time:	HR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

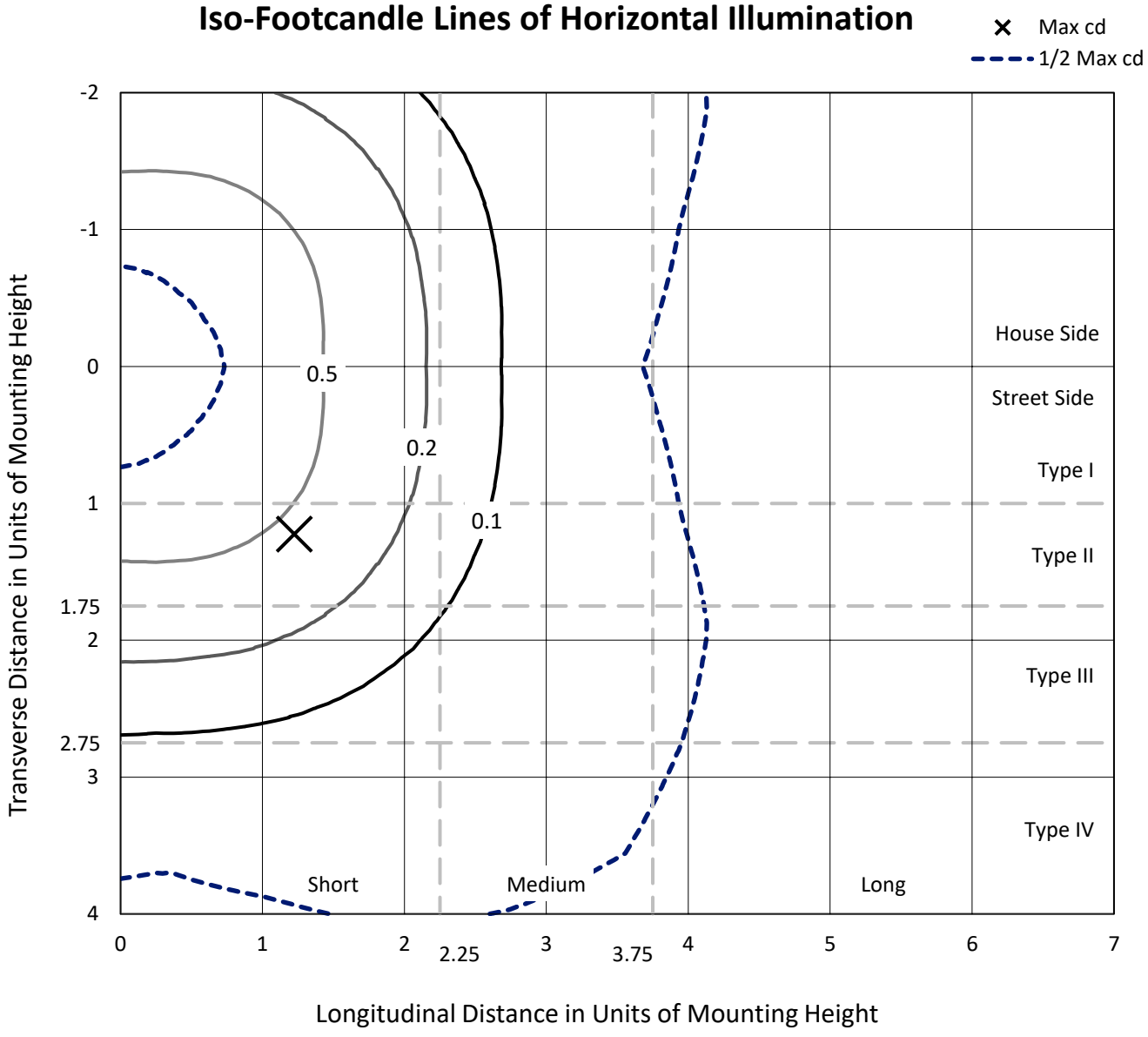


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Iso-Footcandle Lines of Horizontal Illumination



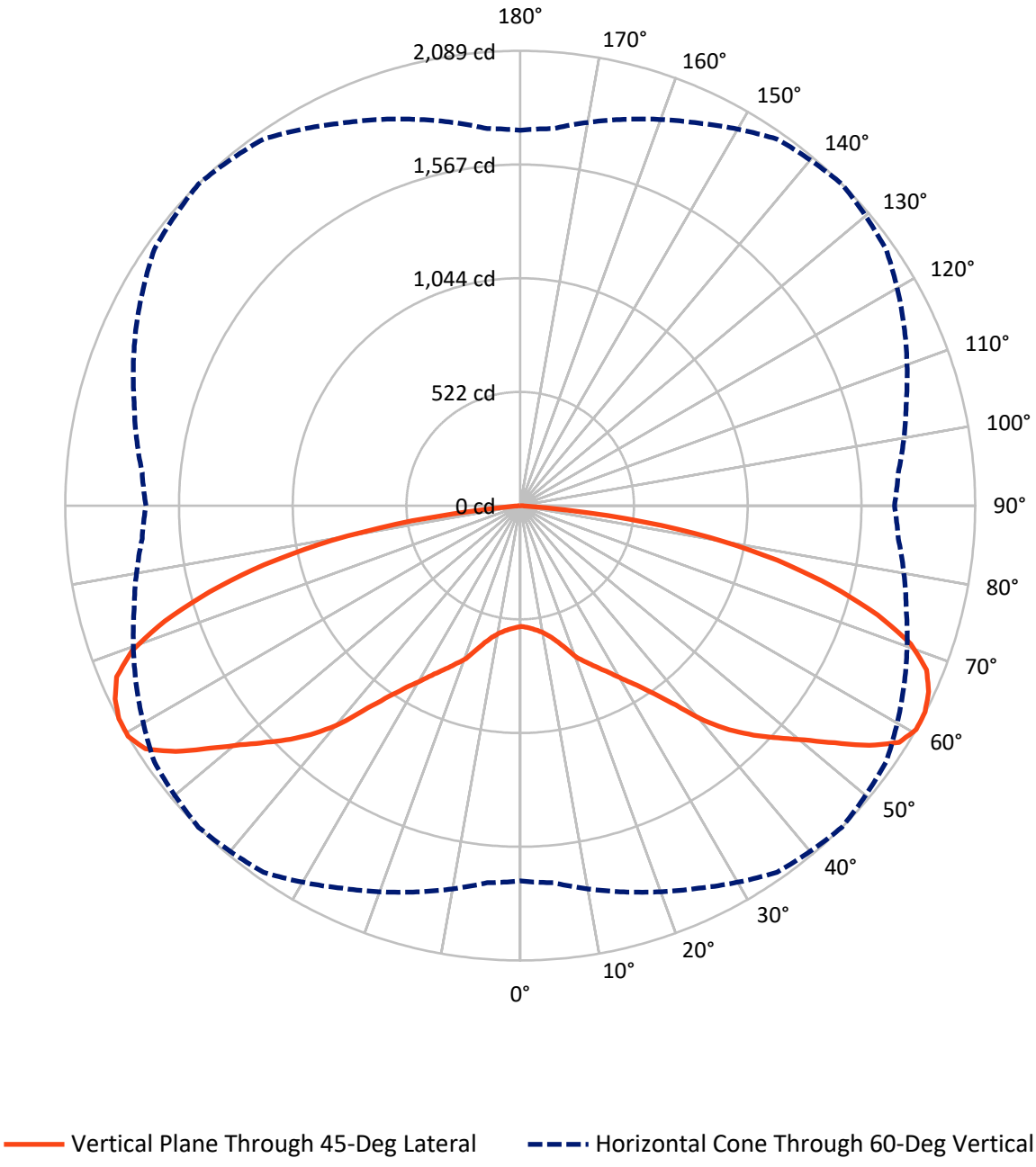
Based on 25 foot mounting height. Maximum calculated value = 1 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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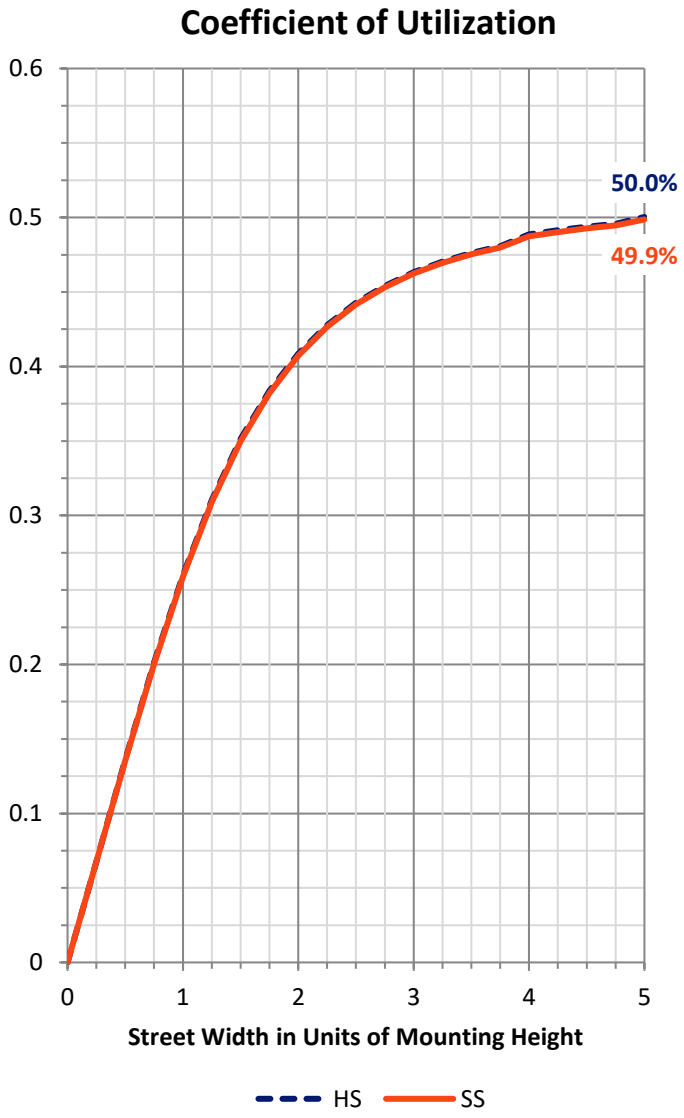
REPORT NUMBER: P887907
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3662.5	0.0	3662.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3662.5	0.0	3662.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	7325.0	0.0	7325.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.1	0.8
10°-20°	187.7	2.6
20°-30°	381.0	5.2
30°-40°	664.7	9.1
40°-50°	1109.9	15.2
50°-60°	1608.0	22.0
60°-70°	1830.0	25.0
70°-80°	1302.3	17.8
80°-90°	186.3	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°	7325.0	100.0
0°-180°	7325.0	100.0



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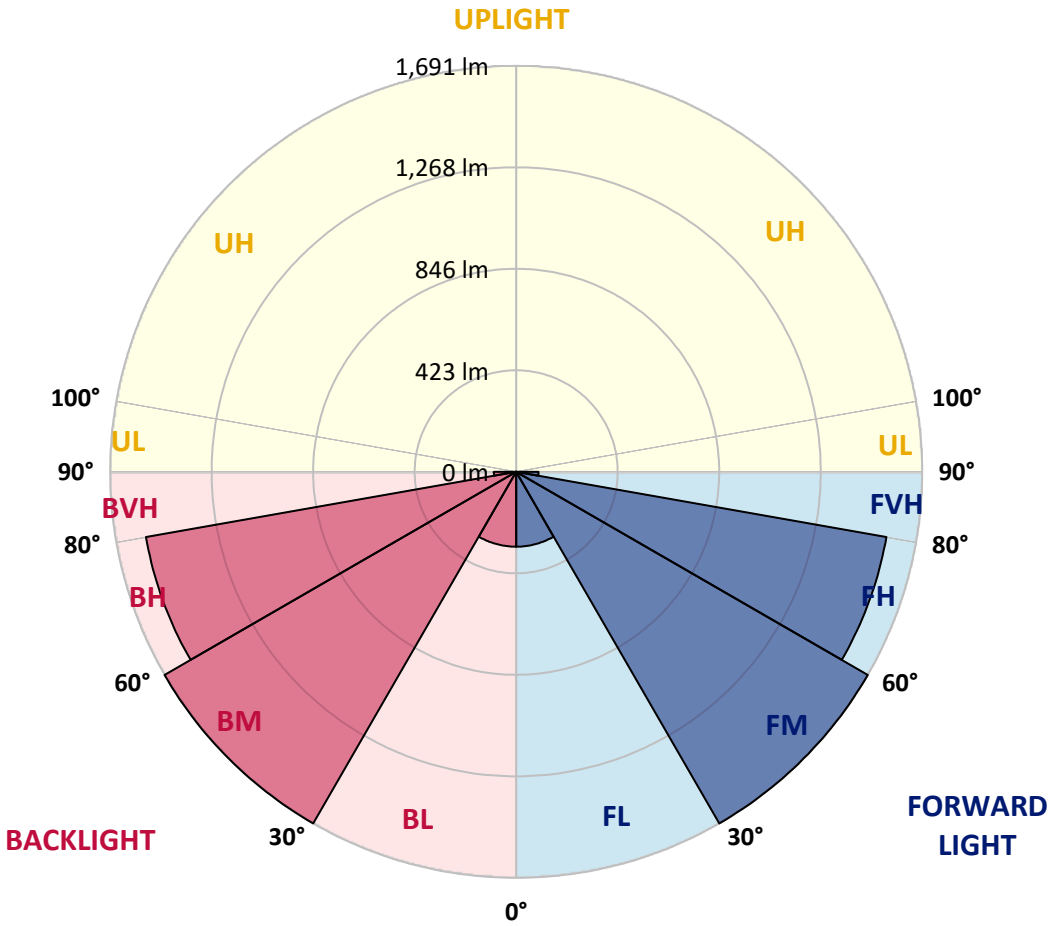
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	311.9	4.3			
FM	(30°-60°)	1691.3	23.1			
FH	(60°-80°)	1566.1	21.4			G1/1800
FVH	(80°-90°)	93.2	1.3			G1/100
BL	(0°-30°)	311.9	4.3	B1/500		
BM	(30°-60°)	1691.3	23.1	B2/2500		
BH	(60°-80°)	1566.1	21.4	B3/2500		G1/1800
BVH	(80°-90°)	93.2	1.3			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°	554.4	554.4	554.4	554.4	554.4	*554.4*	554.4	554.4	554.4	554.4	554.4
2.5°	561.2	561.2	561.2	561.2	561.2	*559.8*	559.8	561.2	561.2	561.2	562.5
5°	567.9	569.2	567.9	569.2	567.9	*567.9*	567.9	569.2	569.2	569.2	569.2
7.5°	578.6	578.6	577.3	578.6	577.3	*578.6*	578.6	580.0	580.0	580.0	580.0
10°	596.1	596.1	596.1	596.1	594.7	*594.7*	596.1	597.4	598.8	598.8	598.8
12.5°	618.9	618.9	618.9	621.6	618.9	*617.5*	617.5	620.2	621.6	620.2	618.9
15°	645.7	645.7	647.1	649.8	649.8	*649.8*	648.4	648.4	649.8	647.1	645.7
17.5°	682.0	682.0	682.0	687.4	691.4	*692.7*	688.7	686.0	686.0	683.3	680.6
20°	729.0	730.3	730.3	735.7	742.4	*745.1*	741.1	735.7	734.3	730.3	729.0
22.5°	767.9	770.6	771.9	776.0	781.3	*782.7*	782.7	777.3	776.0	773.3	767.9
25°	805.5	808.2	809.5	817.6	822.9	*822.9*	824.3	817.6	814.9	810.9	805.5
27.5°	847.1	847.1	848.5	859.2	868.6	*867.3*	867.3	861.9	856.5	849.8	848.5
30°	891.4	894.1	894.1	907.5	918.3	*922.3*	916.9	911.6	903.5	896.8	892.8
32.5°	942.4	943.8	949.1	967.9	978.7	*982.7*	980.0	970.6	957.2	950.5	946.5
35°	1000.2	1001.5	1014.9	1040.4	1056.5	*1060.6*	1060.6	1041.8	1024.3	1009.6	1002.8
37.5°	1080.7	1084.7	1106.2	1138.4	1169.3	*1162.6*	1173.3	1139.8	1112.9	1092.8	1083.4
40°	1181.4	1185.4	1217.6	1253.9	1295.5	*1296.8*	1300.9	1255.2	1220.3	1194.8	1184.1
42.5°	1256.6	1268.7	1308.9	1355.9	1392.2	*1406.9*	1398.9	1357.3	1310.3	1278.1	1266.0
45°	1335.8	1347.9	1396.2	1448.6	1487.5	*1503.6*	1490.2	1449.9	1400.2	1358.6	1343.8
47.5°	1415.0	1427.1	1476.7	1534.5	1582.8	*1593.5*	1585.5	1537.2	1479.4	1433.8	1419.0
50°	1492.9	1507.6	1555.9	1628.4	1682.1	*1690.2*	1684.8	1629.8	1557.3	1510.3	1500.9
52.5°	1561.3	1584.1	1655.3	1729.1	1801.6	*1809.7*	1805.7	1727.8	1645.9	1585.5	1558.6
55°	1644.6	1659.3	1733.2	1854.0	1914.4	*1943.9*	1923.8	1845.9	1735.8	1667.4	1647.2
57.5°	1718.4	1731.8	1801.6	1918.4	2009.7	*2051.3*	2017.8	1919.8	1804.3	1727.8	1722.4
60°	*1723.8*	*1738.5*	*1836.5*	*1938.6*	*2055.4*	*2088.9*	*2051.3*	*1945.3*	*1835.2*	*1742.6*	*1718.4*
62.5°	1692.9	1711.7	1805.7	1958.7	2066.1	*2086.2*	2055.4	1946.6	1812.4	1721.1	1694.2
65°	1688.9	1696.9	1778.8	1938.6	2020.5	*2060.7*	2021.8	1931.8	1786.9	1699.6	1676.8
67.5°	1588.2	1585.5	1695.6	1837.9	1968.1	*2012.4*	1964.1	1840.6	1705.0	1598.9	1572.1
70°	1455.3	1448.6	1557.3	1714.4	1844.6	*1902.3*	1841.9	1719.7	1570.7	1459.3	1439.2
72.5°	1278.1	1266.0	1377.4	1545.2	1670.1	*1715.7*	1667.4	1550.6	1392.2	1286.1	1255.2
75°	1048.5	1032.4	1155.9	1317.0	1431.1	*1479.4*	1424.4	1333.1	1176.0	1067.3	1025.7
77.5°	785.4	763.9	880.7	1048.5	1149.2	*1206.9*	1147.8	1061.9	907.5	800.1	766.6
80°	504.8	476.6	570.6	738.4	825.6	*882.0*	814.9	745.1	596.1	507.5	483.3
82.5°	205.4	181.2	243.0	365.2	433.6	*499.4*	429.6	369.2	260.4	202.7	186.6
85°	14.8	8.1	12.1	14.8	12.1	*22.8*	9.4	12.1	10.7	10.7	10.7
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)