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: P887880

Luminaire Tested: **TT-D5-735-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:	P887880
	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-D5-735-U-CQ-TC
Description:	CQ
	3500K, 70 CRI LEDS, CONCENTRATED DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8119 lumens
Efficiency:	N/A
Efficacy:	108.7 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B2 - 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

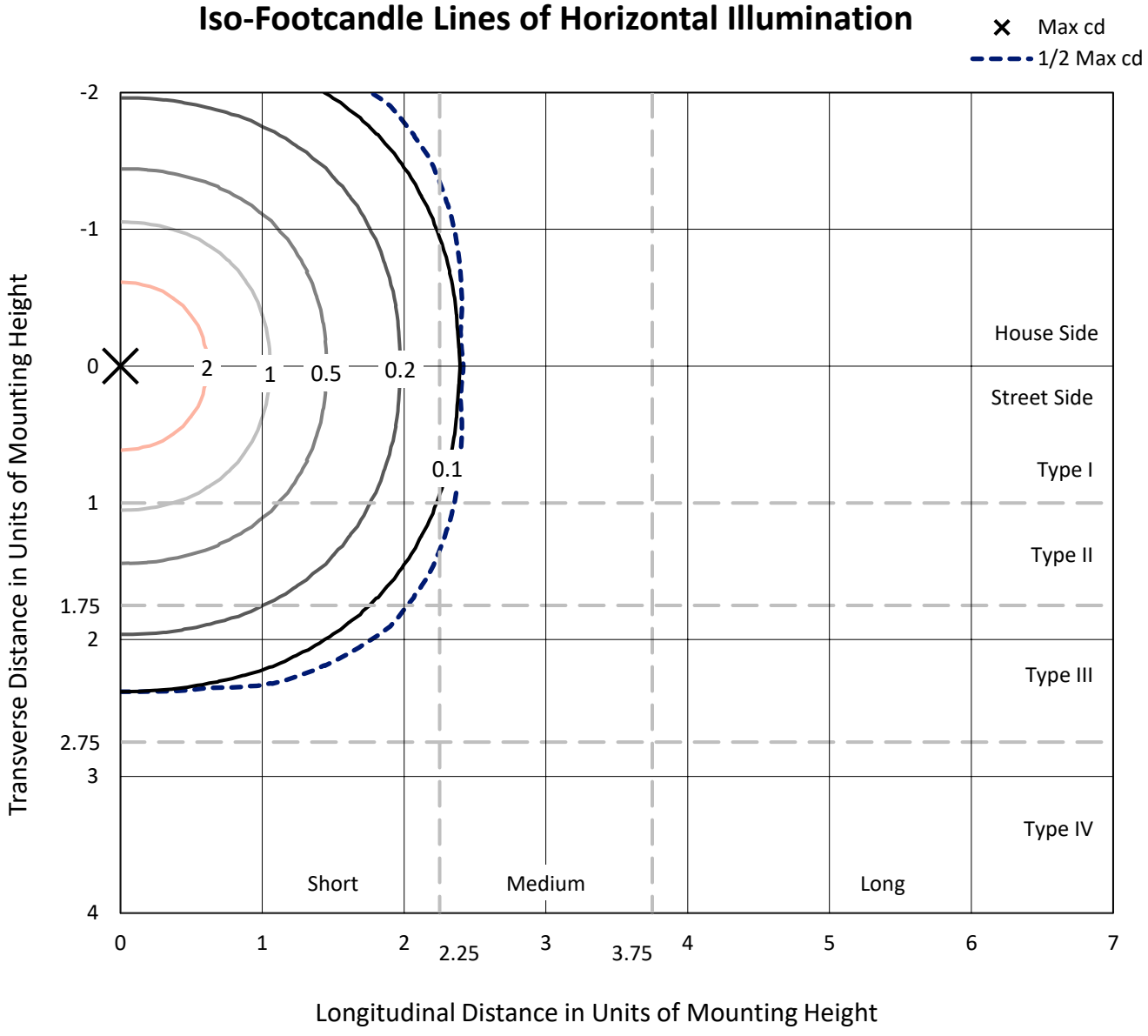


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Iso-Footcandle Lines of Horizontal Illumination



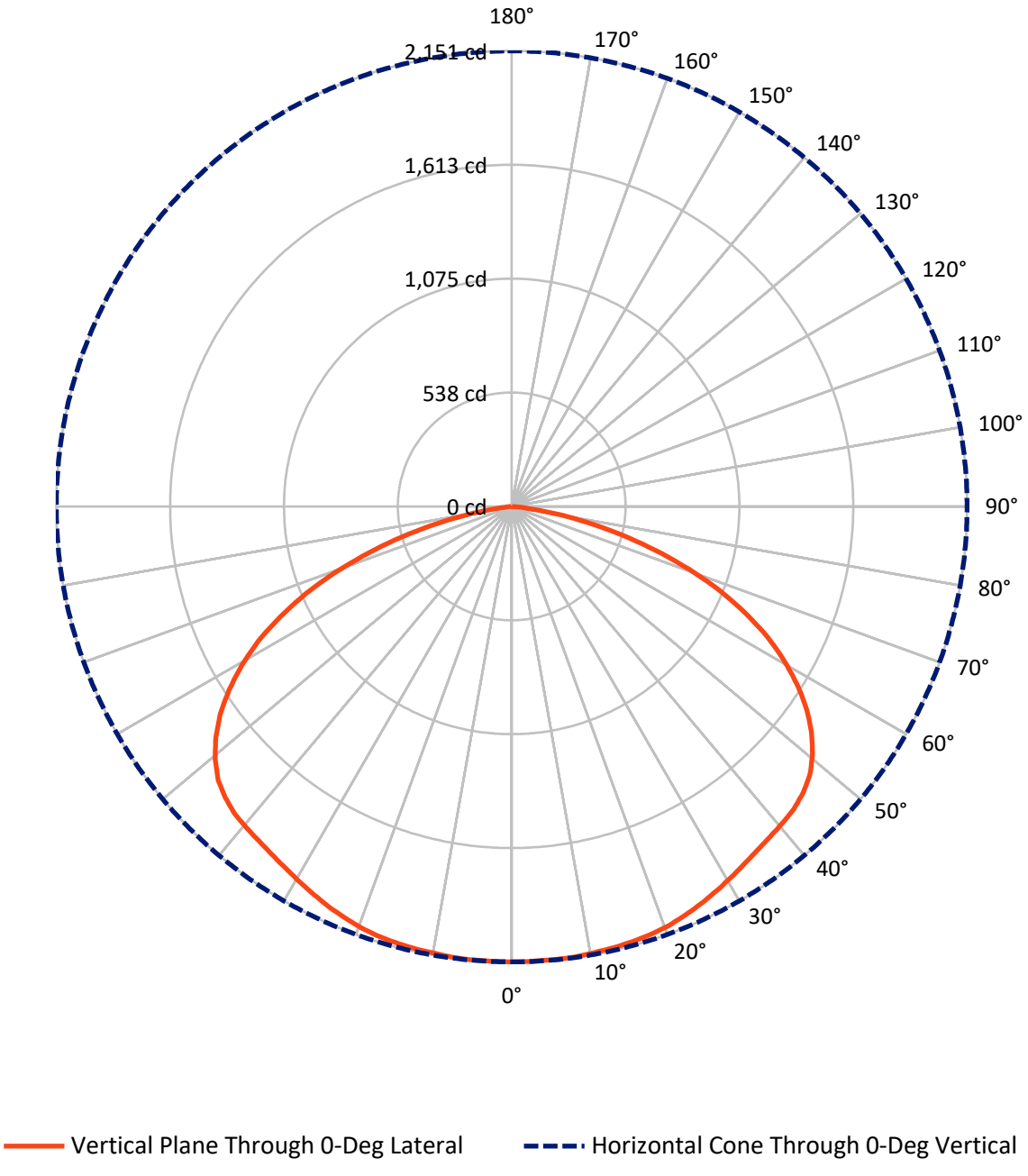
Based on 25 foot mounting height. Maximum calculated value = 3.4 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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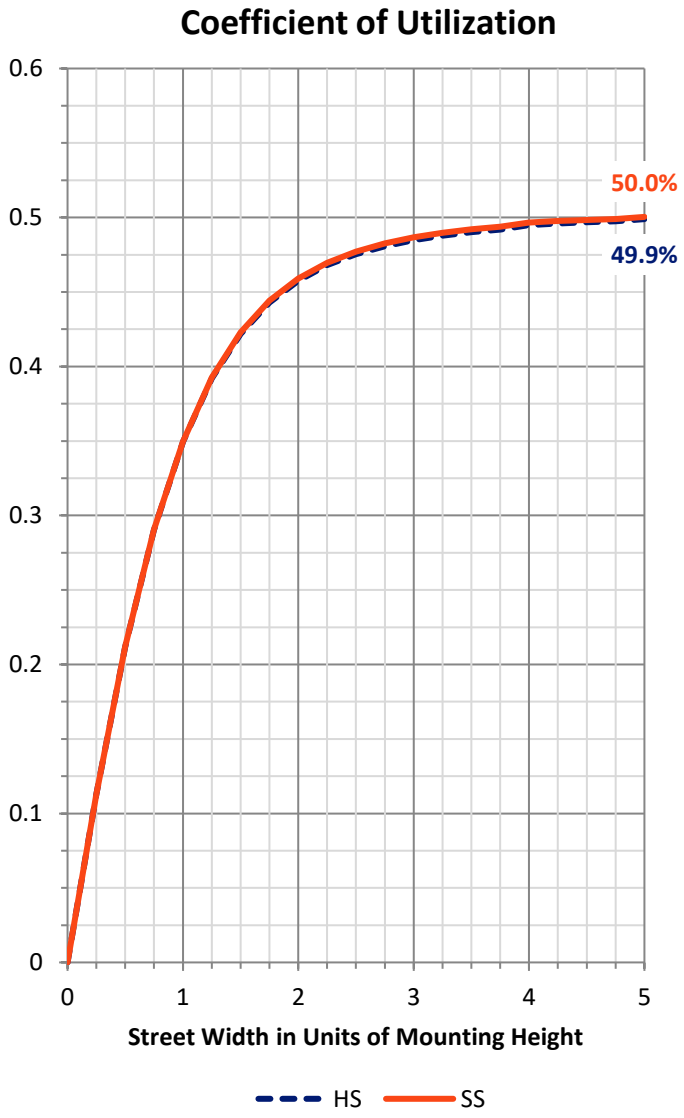
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4059.5	0.0	4059.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4059.5	0.0	4059.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	8119.0	0.0	8119.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	204.9	2.5
10°-20°	603.8	7.4
20°-30°	962.2	11.9
30°-40°	1264.3	15.6
40°-50°	1523.4	18.8
50°-60°	1589.0	19.6
60°-70°	1285.7	15.8
70°-80°	623.2	7.7
80°-90°	62.7	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°	8119.0	100.0
0°-180°	8119.0	100.0



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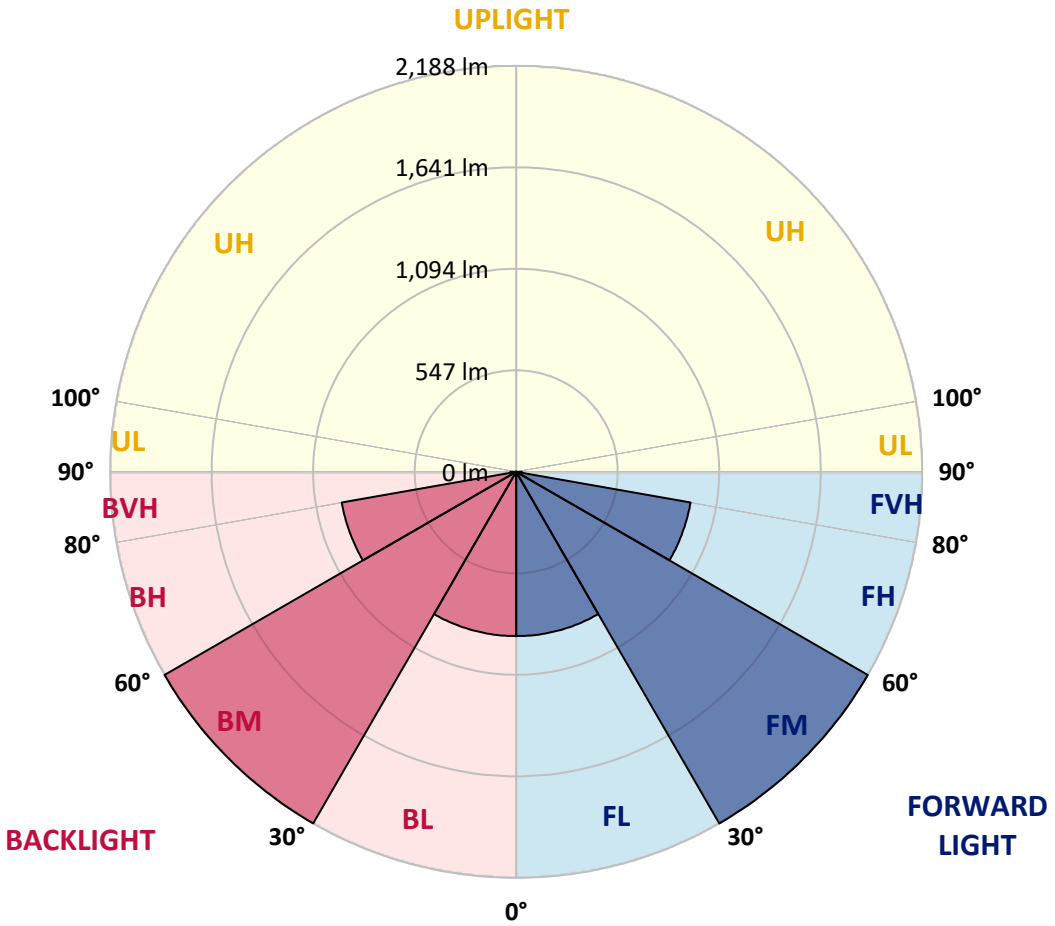
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	885.4	10.9			
FM	(30°-60°)	2188.3	27.0			
FH	(60°-80°)	954.4	11.8			G1/1800
FVH	(80°-90°)	31.3	0.4			G1/100
BL	(0°-30°)	885.4	10.9	B2/1000		
BM	(30°-60°)	2188.3	27.0	B2/2500		
BH	(60°-80°)	954.4	11.8	B2/1000		G1/1800
BVH	(80°-90°)	31.3	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2150.5	2150.5	2150.5	2150.5	2150.5	2150.5	2150.5	2150.5	2150.5	2150.5	2150.5
2.5°	2149.1	2149.1	2149.1	2147.7	2147.7	2147.7	2147.7	2149.1	2149.1	2149.1	2149.1
5°	2149.1	2149.1	2149.1	2149.1	2147.7	2147.7	2147.7	2149.1	2149.1	2149.1	2149.1
7.5°	2147.7	2147.7	2147.7	2146.3	2146.3	2146.3	2146.3	2146.3	2146.3	2146.3	2146.3
10°	2142.0	2142.0	2143.4	2142.0	2142.0	2142.0	2142.0	2143.4	2142.0	2142.0	2142.0
12.5°	2137.8	2137.8	2137.8	2137.8	2136.3	2137.8	2136.3	2136.3	2136.3	2136.3	2136.3
15°	2132.1	2133.5	2132.1	2132.1	2133.5	2133.5	2132.1	2132.1	2130.7	2130.7	2130.7
17.5°	2125.0	2125.0	2126.4	2126.4	2127.8	2127.8	2126.4	2126.4	2125.0	2123.6	2123.6
20°	2113.6	2115.0	2115.0	2116.4	2117.9	2119.3	2117.9	2116.4	2115.0	2113.6	2112.2
22.5°	2096.6	2098.0	2099.4	2102.2	2103.7	2105.1	2102.2	2100.8	2099.4	2098.0	2098.0
25°	2078.1	2079.5	2080.9	2083.8	2085.2	2086.6	2085.2	2082.4	2080.9	2079.5	2079.5
27.5°	2056.8	2058.2	2059.6	2063.9	2065.3	2066.7	2063.9	2061.1	2058.2	2056.8	2056.8
30°	2035.5	2036.9	2039.7	2044.0	2048.3	2049.7	2044.0	2041.2	2036.9	2034.1	2034.1
32.5°	2014.2	2015.6	2018.4	2027.0	2031.2	2032.6	2029.8	2024.1	2017.0	2012.8	2011.3
35°	1995.7	1998.6	2004.2	2014.2	2019.9	2022.7	2019.9	2011.3	2001.4	1994.3	1994.3
37.5°	1980.1	1984.3	1992.9	2007.1	2018.4	2021.3	2017.0	2005.7	1991.4	1981.5	1980.1
40°	1967.3	1971.6	1984.3	2002.8	2018.4	2022.7	2017.0	2001.4	1982.9	1970.1	1967.3
42.5°	1953.1	1957.4	1974.4	1997.1	2015.6	2022.7	2015.6	1995.7	1971.6	1954.5	1953.1
45°	1929.0	1934.6	1954.5	1984.3	2007.1	2015.6	2007.1	1984.3	1954.5	1934.6	1933.2
47.5°	1894.9	1900.5	1923.3	1961.6	1988.6	2001.4	1992.9	1965.9	1933.2	1907.6	1904.8
50°	1840.9	1850.8	1875.0	1921.8	1953.1	1971.6	1964.5	1934.6	1896.3	1869.3	1866.5
52.5°	1772.7	1782.6	1812.5	1865.0	1900.5	1924.7	1917.6	1884.9	1845.1	1811.1	1809.6
55°	1690.3	1701.7	1732.9	1794.0	1833.8	1860.8	1852.2	1813.9	1769.9	1731.5	1730.1
57.5°	1590.9	1605.1	1639.2	1703.1	1748.6	1779.8	1767.0	1727.2	1676.1	1632.1	1633.5
60°	1478.7	1494.3	1529.8	1596.6	1644.9	1674.7	1663.3	1619.3	1565.3	1518.4	1519.9
62.5°	1355.1	1365.0	1400.5	1470.2	1518.4	1552.5	1535.5	1490.0	1434.6	1386.3	1393.4
65°	1210.2	1220.2	1254.2	1323.8	1369.3	1403.4	1386.3	1339.5	1282.7	1231.5	1242.9
67.5°	1058.2	1061.1	1086.6	1159.1	1201.7	1234.4	1215.9	1170.4	1116.5	1069.6	1078.1
70°	887.8	884.9	911.9	978.7	1015.6	1045.4	1027.0	984.4	936.1	892.0	900.6
72.5°	710.2	707.4	728.7	789.8	813.9	848.0	831.0	791.2	752.8	708.8	717.3
75°	535.5	529.8	548.3	599.4	619.3	649.1	633.5	598.0	566.8	527.0	536.9
77.5°	365.1	360.8	375.0	417.6	430.4	460.2	438.9	414.8	389.2	349.4	363.6
80°	210.2	206.0	214.5	250.0	258.5	278.4	264.2	245.7	225.8	198.9	207.4
82.5°	78.1	81.0	85.2	108.0	116.5	134.9	120.7	106.5	92.3	75.3	81.0
85°	5.7	5.7	5.7	8.5	11.4	18.5	12.8	9.9	7.1	4.3	7.1
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)