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: P887888

Luminaire Tested: **TT-D5-750-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:	P887888
	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-D5-750-U-CQ-TC
Description:	CQ
	5000K, 70 CRI LEDS, CONCENTRATED DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8564 lumens
Efficiency:	N/A
Efficacy:	114.6 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

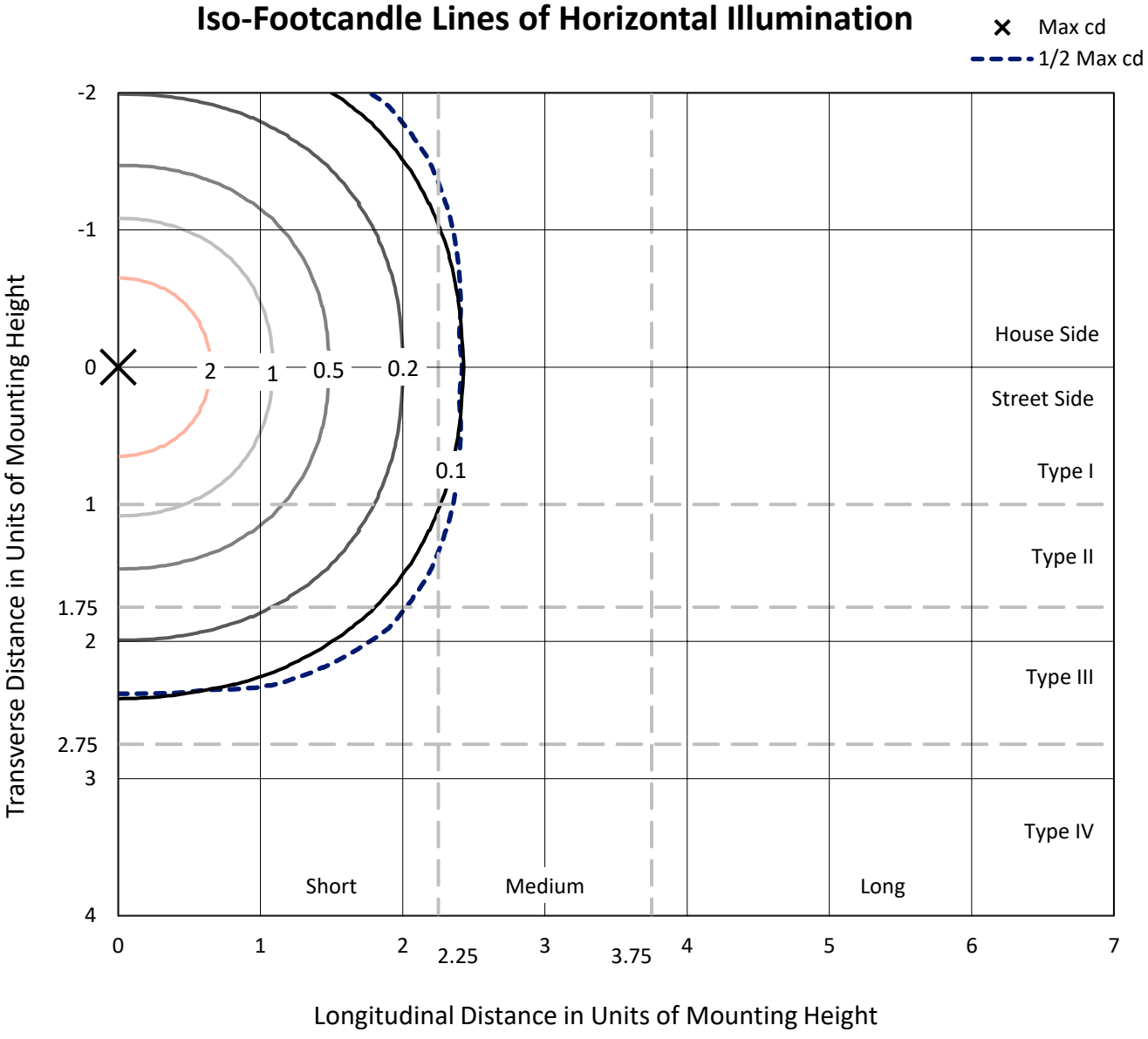


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Iso-Footcandle Lines of Horizontal Illumination



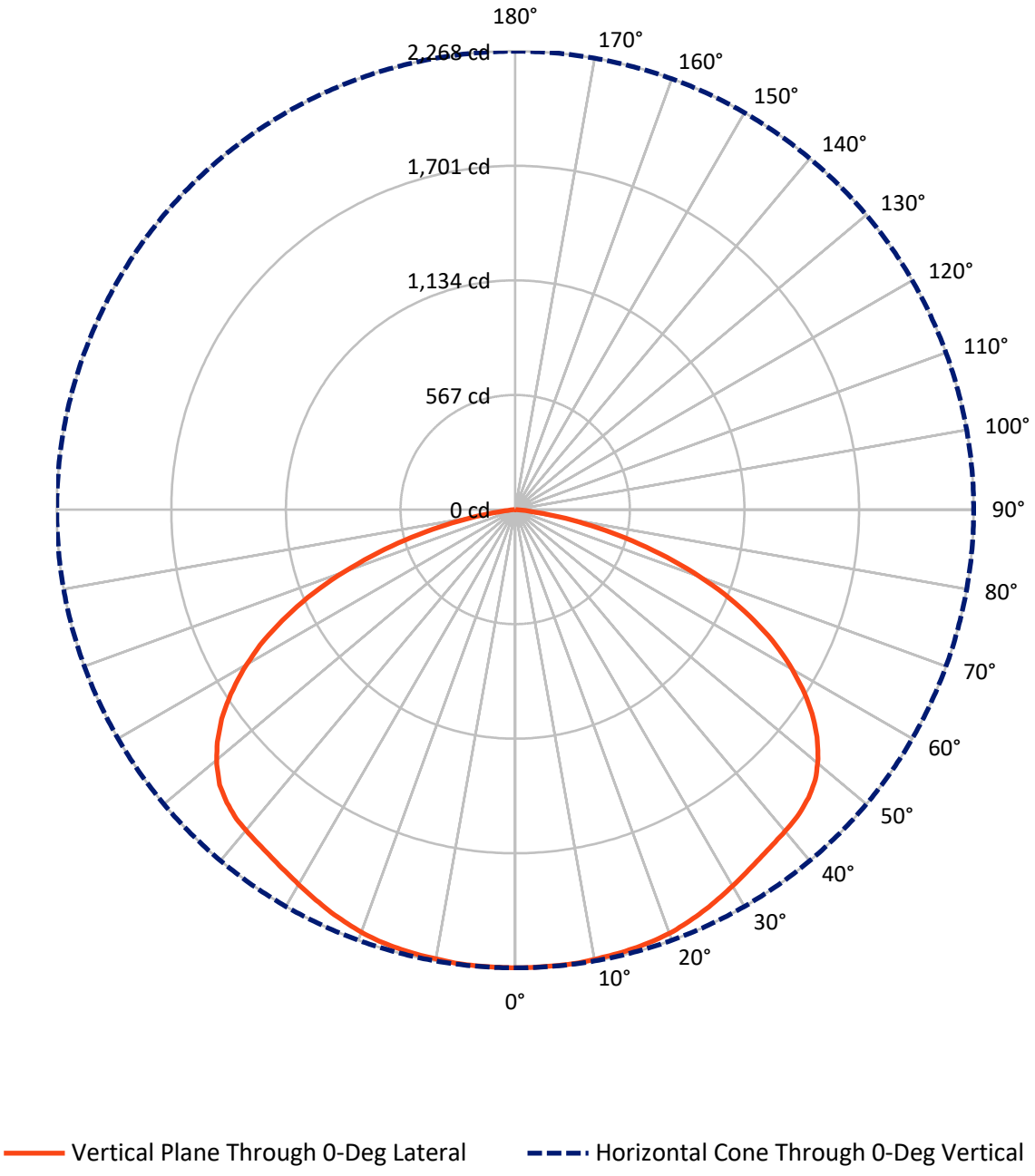
Based on 25 foot mounting height. Maximum calculated value = 3.6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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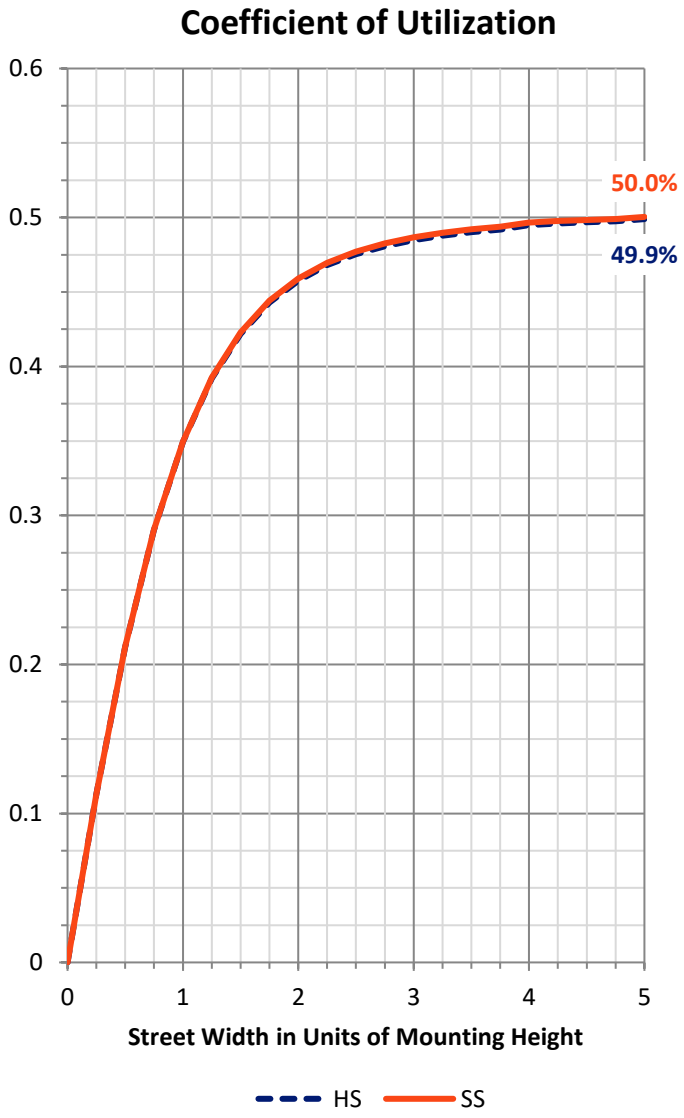
REPORT NUMBER: P887888
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4282.0	0.0	4282.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4282.0	0.0	4282.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	8564.0	0.0	8564.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	216.1	2.5
10°-20°	636.8	7.4
20°-30°	1014.9	11.9
30°-40°	1333.6	15.6
40°-50°	1606.9	18.8
50°-60°	1676.1	19.6
60°-70°	1356.1	15.8
70°-80°	657.3	7.7
80°-90°	66.1	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°	8564.0	100.0
0°-180°	8564.0	100.0



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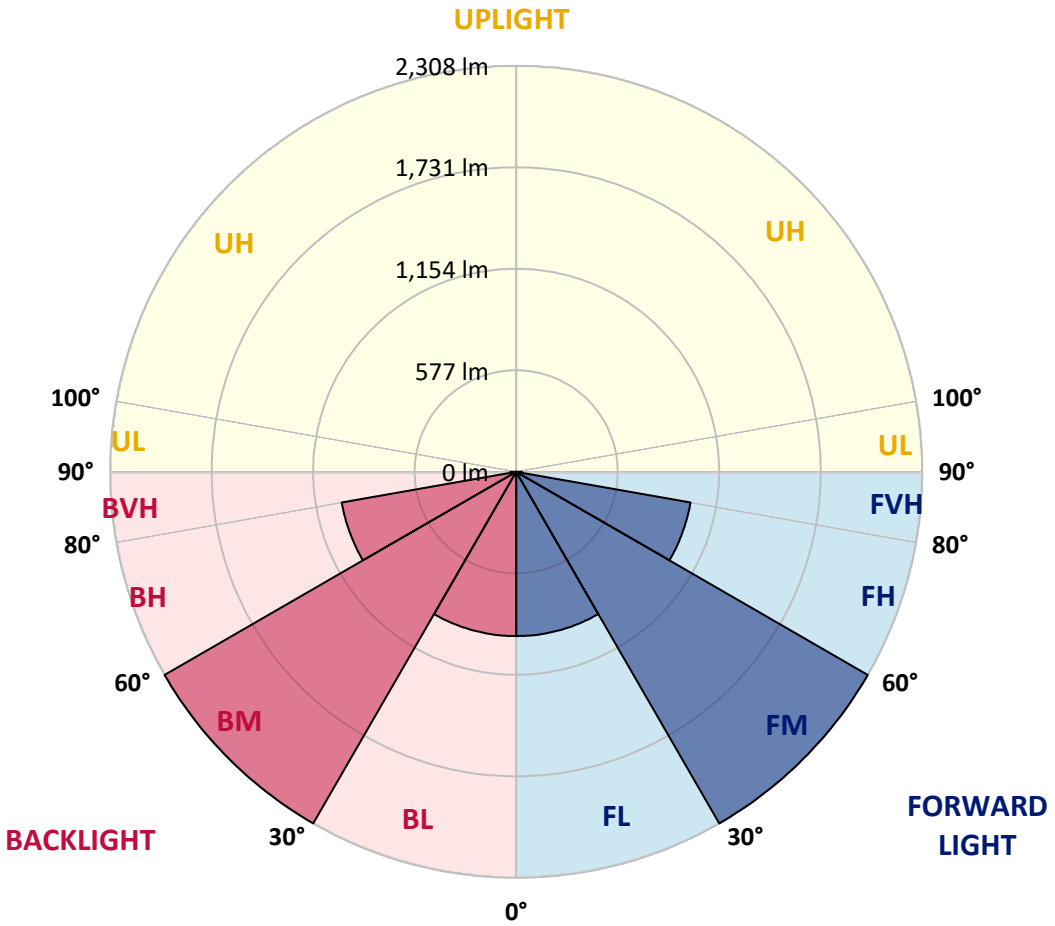
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	933.9	10.9			
FM	(30°-60°)	2308.3	27.0			
FH	(60°-80°)	1006.7	11.8			G1/1800
FVH	(80°-90°)	33.1	0.4			G1/100
BL	(0°-30°)	933.9	10.9	B2/1000		
BM	(30°-60°)	2308.3	27.0	B2/2500		
BH	(60°-80°)	1006.7	11.8	B3/2500		G1/1800
BVH	(80°-90°)	33.1	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°	2268.4	2268.4	2268.4	2268.4	2268.4	2268.4	2268.4	2268.4	2268.4	2268.4	2268.4
2.5°	2266.9	2266.9	2266.9	2265.4	2265.4	2265.4	2265.4	2266.9	2266.9	2266.9	2266.9
5°	2266.9	2266.9	2266.9	2266.9	2265.4	2265.4	2265.4	2266.9	2266.9	2266.9	2266.9
7.5°	2265.4	2265.4	2265.4	2263.9	2263.9	2263.9	2263.9	2263.9	2263.9	2263.9	2263.9
10°	2259.4	2259.4	2260.9	2259.4	2259.4	2259.4	2259.4	2260.9	2259.4	2259.4	2259.4
12.5°	2254.9	2254.9	2254.9	2254.9	2253.4	2254.9	2253.4	2253.4	2253.4	2253.4	2253.4
15°	2248.9	2250.4	2248.9	2248.9	2250.4	2250.4	2248.9	2248.9	2247.4	2247.4	2247.4
17.5°	2241.4	2241.4	2242.9	2242.9	2244.4	2244.4	2242.9	2242.9	2241.4	2239.9	2239.9
20°	2229.5	2231.0	2231.0	2232.4	2233.9	2235.4	2233.9	2232.4	2231.0	2229.5	2228.0
22.5°	2211.5	2213.0	2214.5	2217.5	2219.0	2220.5	2217.5	2216.0	2214.5	2213.0	2213.0
25°	2192.0	2193.5	2195.0	2198.0	2199.5	2201.0	2199.5	2196.5	2195.0	2193.5	2193.5
27.5°	2169.5	2171.0	2172.5	2177.0	2178.5	2180.0	2177.0	2174.0	2171.0	2169.5	2169.5
30°	2147.0	2148.5	2151.5	2156.0	2160.5	2162.0	2156.0	2153.0	2148.5	2145.5	2145.5
32.5°	2124.6	2126.1	2129.1	2138.1	2142.6	2144.1	2141.1	2135.1	2127.6	2123.1	2121.6
35°	2105.1	2108.1	2114.1	2124.6	2130.6	2133.6	2130.6	2121.6	2111.1	2103.6	2103.6
37.5°	2088.6	2093.1	2102.1	2117.1	2129.1	2132.1	2127.6	2115.6	2100.6	2090.1	2088.6
40°	2075.1	2079.6	2093.1	2112.6	2129.1	2133.6	2127.6	2111.1	2091.6	2078.1	2075.1
42.5°	2060.1	2064.6	2082.6	2106.6	2126.1	2133.6	2126.1	2105.1	2079.6	2061.6	2060.1
45°	2034.7	2040.7	2061.6	2093.1	2117.1	2126.1	2117.1	2093.1	2061.6	2040.7	2039.2
47.5°	1998.7	2004.7	2028.7	2069.1	2097.6	2111.1	2102.1	2073.6	2039.2	2012.2	2009.2
50°	1941.8	1952.3	1977.7	2027.2	2060.1	2079.6	2072.1	2040.7	2000.2	1971.7	1968.8
52.5°	1869.9	1880.4	1911.8	1967.3	2004.7	2030.2	2022.7	1988.2	1946.3	1910.3	1908.8
55°	1783.0	1794.9	1827.9	1892.3	1934.3	1962.8	1953.8	1913.3	1866.9	1826.4	1824.9
57.5°	1678.1	1693.1	1729.0	1796.4	1844.4	1877.4	1863.9	1821.9	1768.0	1721.5	1723.0
60°	1559.7	1576.2	1613.7	1684.1	1735.0	1766.5	1754.5	1708.0	1651.1	1601.7	1603.2
62.5°	1429.4	1439.9	1477.3	1550.7	1601.7	1637.6	1619.6	1571.7	1513.3	1462.3	1469.8
65°	1276.5	1287.0	1323.0	1396.4	1444.4	1480.3	1462.3	1412.9	1353.0	1299.0	1311.0
67.5°	1116.2	1119.2	1146.2	1222.6	1267.6	1302.0	1282.5	1234.6	1177.7	1128.2	1137.2
70°	936.4	933.4	961.9	1032.3	1071.3	1102.7	1083.3	1038.3	987.4	940.9	949.9
72.5°	749.1	746.1	768.6	833.0	858.5	894.5	876.5	834.5	794.1	747.6	756.6
75°	564.9	558.9	578.3	632.3	653.3	684.7	668.2	630.8	597.8	555.9	566.4
77.5°	385.1	380.6	395.5	440.5	454.0	485.4	463.0	437.5	410.5	368.6	383.6
80°	221.7	217.3	226.2	263.7	272.7	293.7	278.7	259.2	238.2	209.8	218.8
82.5°	82.4	85.4	89.9	113.9	122.9	142.3	127.4	112.4	97.4	79.4	85.4
85°	6.0	6.0	6.0	9.0	12.0	19.5	13.5	10.5	7.5	4.5	7.5
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)