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: P887953

Luminaire Tested: **TT-D6-735-U-MQ-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:	P887953
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-2)
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-MQ-TC
Description:	MQ
	3500K, 70 CRI LEDS, MEDIUM DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10382 lumens
Efficiency:	N/A
Efficacy:	98.7 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

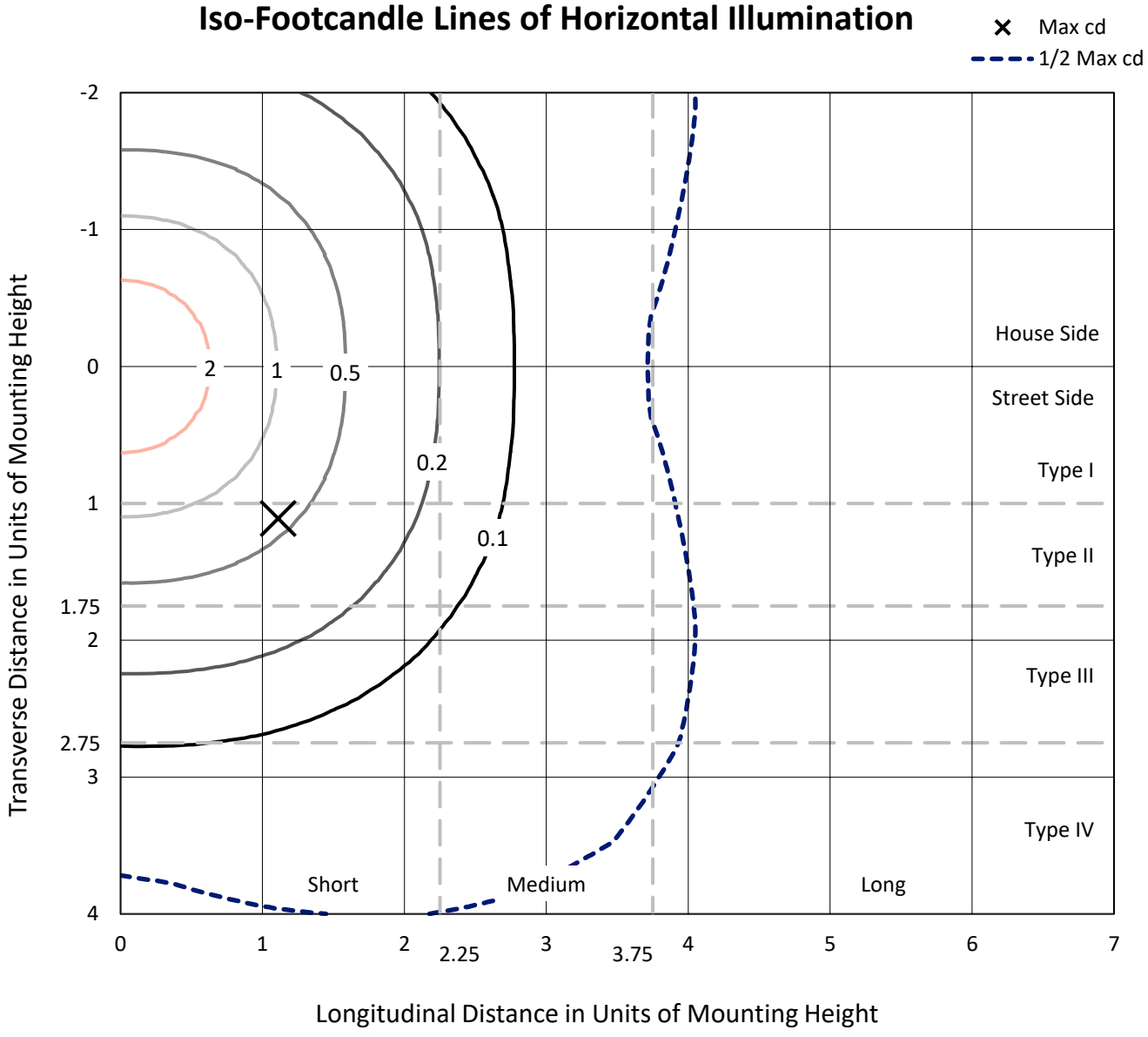


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Iso-Footcandle Lines of Horizontal Illumination



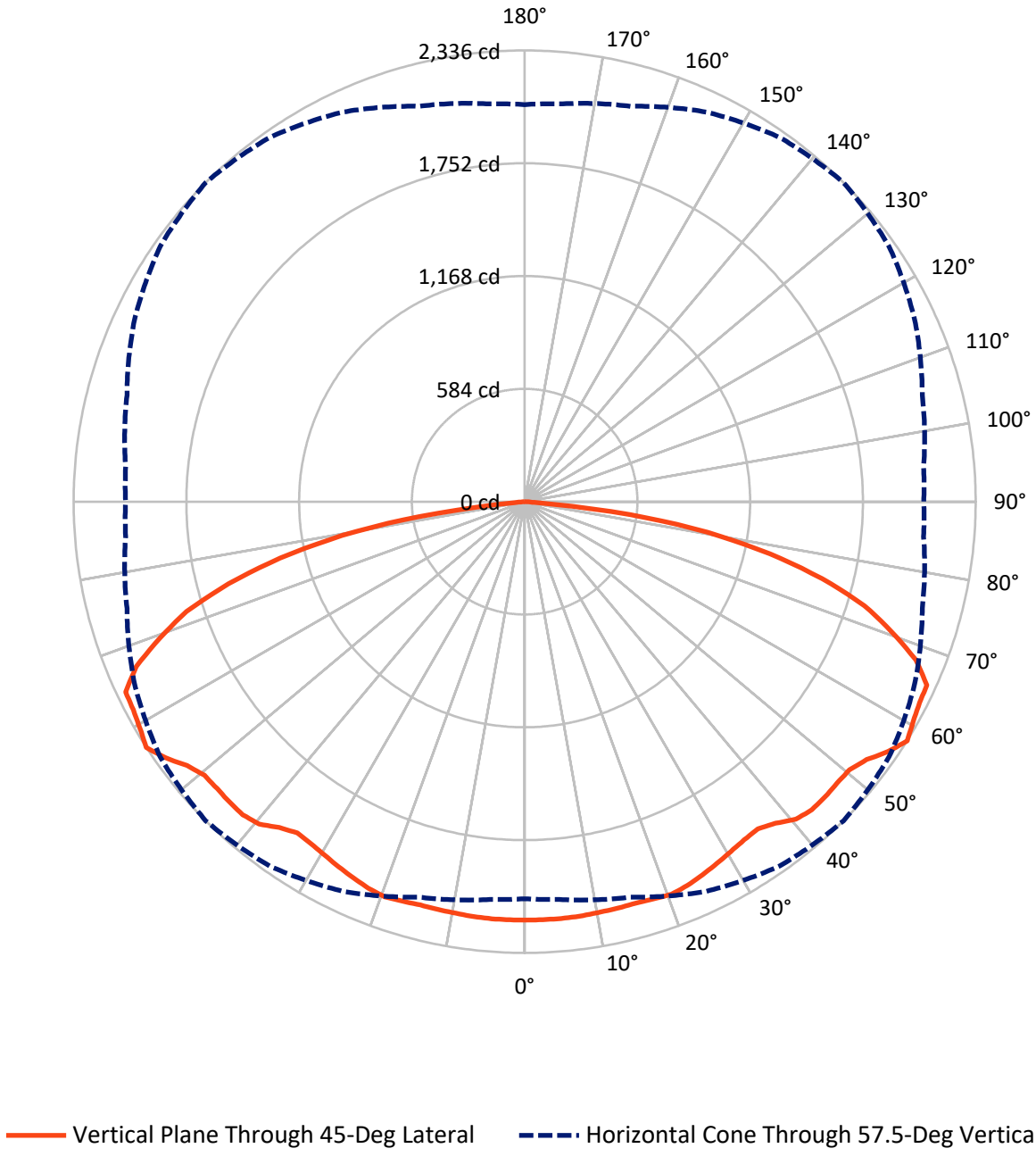
Based on 25 foot mounting height. Maximum calculated value = 3.5 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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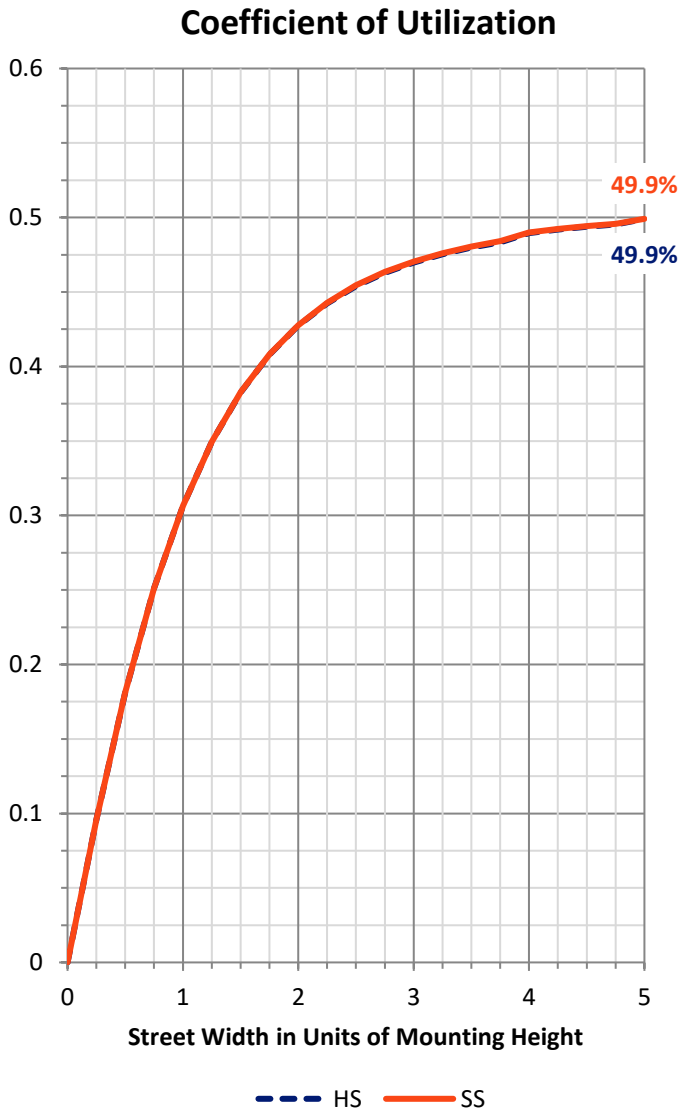
REPORT NUMBER: P887953
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5191.0	0.0	5191.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5191.0	0.0	5191.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	10382.0	0.0	10382.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	206.6	2.0
10°-20°	611.9	5.9
20°-30°	986.4	9.5
30°-40°	1309.1	12.6
40°-50°	1644.2	15.8
50°-60°	1939.0	18.7
60°-70°	2035.4	19.6
70°-80°	1430.6	13.8
80°-90°	218.8	2.1
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°	10382.0	100.0
0°-180°	10382.0	100.0



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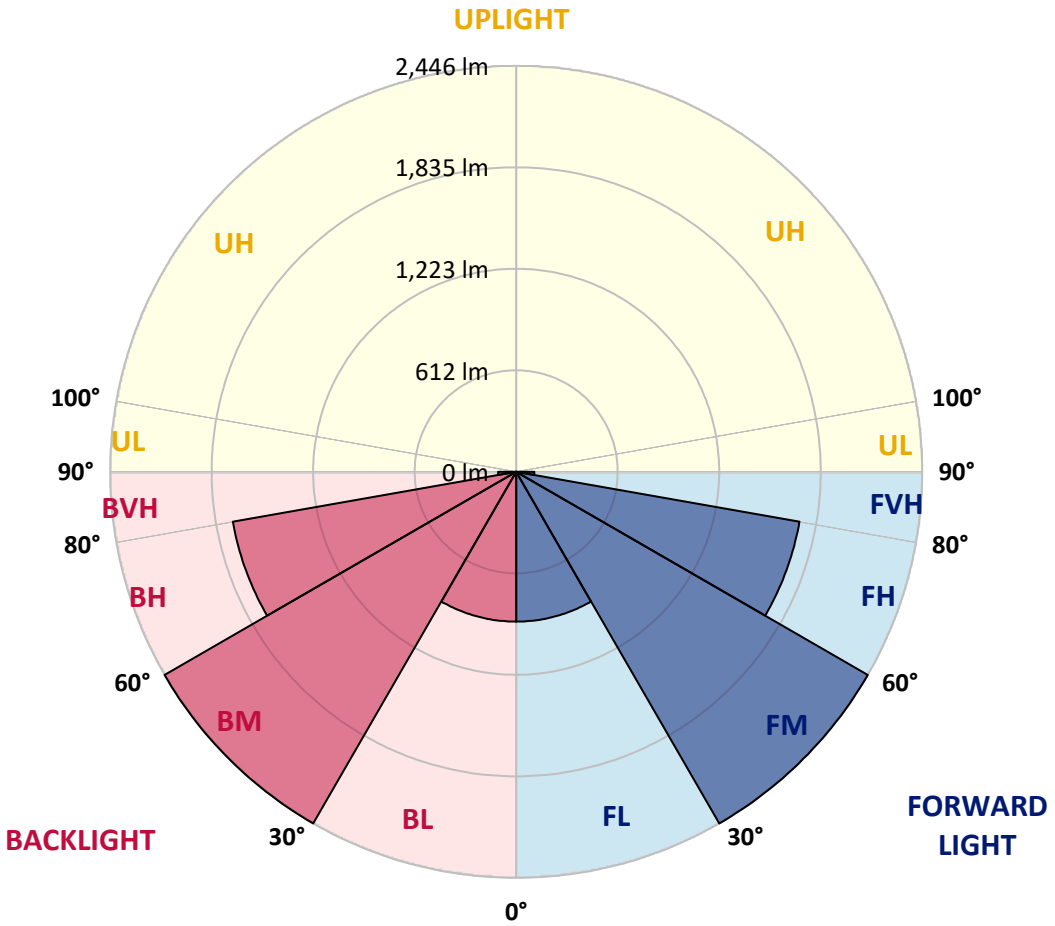
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	902.5	8.7			
FM	(30°-60°)	2446.2	23.6			
FH	(60°-80°)	1733.0	16.7			G1/1800
FVH	(80°-90°)	109.4	1.1			G2/225
BL	(0°-30°)	902.5	8.7	B2/1000		
BM	(30°-60°)	2446.2	23.6	B2/2500		
BH	(60°-80°)	1733.0	16.7	B3/2500		G1/1800
BVH	(80°-90°)	109.4	1.1			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°	2166.1	2166.1	2166.1	2166.1	2166.1	2166.1	2166.1	2166.1	2166.1	2166.1	2166.1
2.5°	2168.0	2168.0	2168.0	2166.1	2164.2	2166.1	2164.2	2166.1	2166.1	2166.1	2168.0
5°	2168.0	2168.0	2168.0	2166.1	2166.1	2166.1	2166.1	2166.1	2166.1	2166.1	2166.1
7.5°	2166.1	2166.1	2164.2	2164.2	2164.2	2164.2	2164.2	2164.2	2164.2	2164.2	2164.2
10°	2164.2	2164.2	2162.4	2162.4	2160.5	2160.5	2160.5	2162.4	2162.4	2162.4	2162.4
12.5°	2158.6	2160.5	2160.5	2158.6	2158.6	2158.6	2156.8	2158.6	2158.6	2156.8	2156.8
15°	2154.9	2156.8	2156.8	2156.8	2156.8	2156.8	2154.9	2156.8	2154.9	2154.9	2154.9
17.5°	2154.9	2154.9	2156.8	2158.6	2160.5	2162.4	2158.6	2158.6	2154.9	2153.0	2153.0
20°	2158.6	2158.6	2160.5	2162.4	2168.0	2169.9	2168.0	2162.4	2160.5	2156.8	2156.8
22.5°	2147.4	2149.3	2151.2	2151.2	2154.9	2158.6	2156.8	2153.0	2149.3	2147.4	2147.4
25°	2132.5	2132.5	2132.5	2136.2	2139.9	2139.9	2138.1	2136.2	2132.5	2130.6	2130.6
27.5°	2111.9	2110.0	2111.9	2115.7	2119.4	2121.3	2119.4	2117.5	2111.9	2111.9	2110.0
30°	2089.5	2087.6	2091.4	2095.1	2100.7	2102.6	2100.7	2097.0	2091.4	2089.5	2087.6
32.5°	2067.1	2067.1	2070.8	2076.4	2083.9	2087.6	2083.9	2080.1	2070.8	2067.1	2067.1
35°	2046.5	2046.5	2055.8	2067.1	2076.4	2080.1	2076.4	2070.8	2059.6	2050.2	2050.2
37.5°	2048.4	2052.1	2065.2	2091.4	2106.3	2111.9	2108.2	2091.4	2072.7	2057.7	2052.1
40°	2076.4	2080.1	2102.6	2128.7	2153.0	2162.4	2154.9	2132.5	2106.3	2083.9	2080.1
42.5°	2078.3	2080.1	2106.3	2139.9	2168.0	2181.1	2171.7	2143.7	2111.9	2085.7	2082.0
45°	2063.3	2068.9	2098.8	2138.1	2168.0	2181.1	2168.0	2143.7	2104.4	2074.5	2072.7
47.5°	2048.4	2052.1	2085.7	2128.7	2164.2	2177.3	2166.1	2132.5	2089.5	2057.7	2055.8
50°	2037.2	2040.9	2070.8	2126.9	2166.1	2181.1	2168.0	2132.5	2080.1	2048.4	2046.5
52.5°	2033.4	2037.2	2085.7	2145.6	2205.4	2218.4	2203.5	2149.3	2093.2	2044.6	2044.6
55°	2042.8	2044.6	2110.0	2199.8	2255.8	2283.9	2259.6	2201.6	2123.1	2059.6	2052.1
57.5°	2055.8	2067.1	2119.4	2225.9	2302.5	2336.2	2304.4	2229.7	2132.5	2074.5	2067.1
60°	2011.0	2027.8	2100.7	2192.3	2280.1	2311.9	2285.7	2203.5	2100.7	2025.9	2024.1
62.5°	1930.6	1938.1	2037.2	2153.0	2254.0	2295.1	2259.6	2169.9	2044.6	1966.1	1956.8
65°	1908.2	1917.5	1988.6	2132.5	2237.1	2289.5	2254.0	2143.7	1999.8	1915.7	1908.2
67.5°	1771.8	1792.3	1895.1	2022.2	2139.9	2184.8	2151.2	2054.0	1895.1	1792.3	1777.4
70°	1609.2	1633.5	1730.6	1870.8	1969.9	2016.6	1975.5	1897.0	1728.8	1629.7	1612.9
72.5°	1420.4	1435.4	1547.5	1661.5	1784.8	1840.9	1788.6	1687.7	1541.9	1422.3	1414.8
75°	1160.6	1186.8	1312.0	1416.7	1532.5	1592.3	1553.1	1435.4	1297.1	1168.1	1158.7
77.5°	887.8	897.1	1026.1	1147.5	1244.7	1298.9	1267.1	1155.0	1013.0	885.9	874.7
80°	588.7	596.2	699.0	809.3	902.7	962.5	925.1	824.2	669.1	577.5	564.4
82.5°	254.2	259.8	321.5	414.9	499.0	551.3	521.4	426.1	295.3	239.2	226.1
85°	20.6	18.7	20.6	24.3	24.3	50.5	43.0	37.4	15.0	18.7	15.0
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)