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: P887957

Luminaire Tested: **TT-D6-740-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:	P887957
	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-D6-740-U-MQ-TC
Description:	MQ
	4000K, 70 CRI LEDS, MEDIUM DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10951 lumens
Efficiency:	N/A
Efficacy:	104.1 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

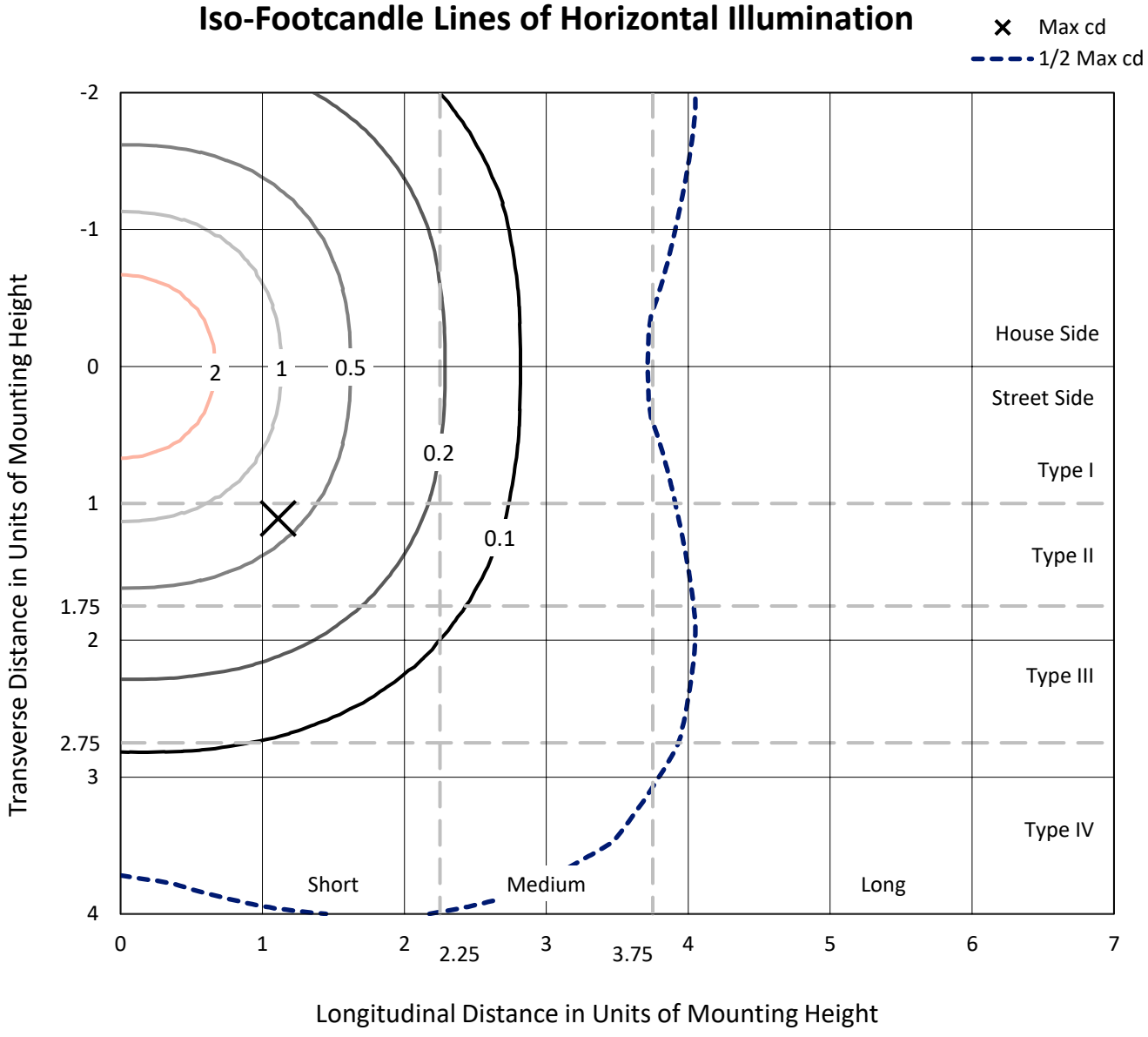


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Iso-Footcandle Lines of Horizontal Illumination



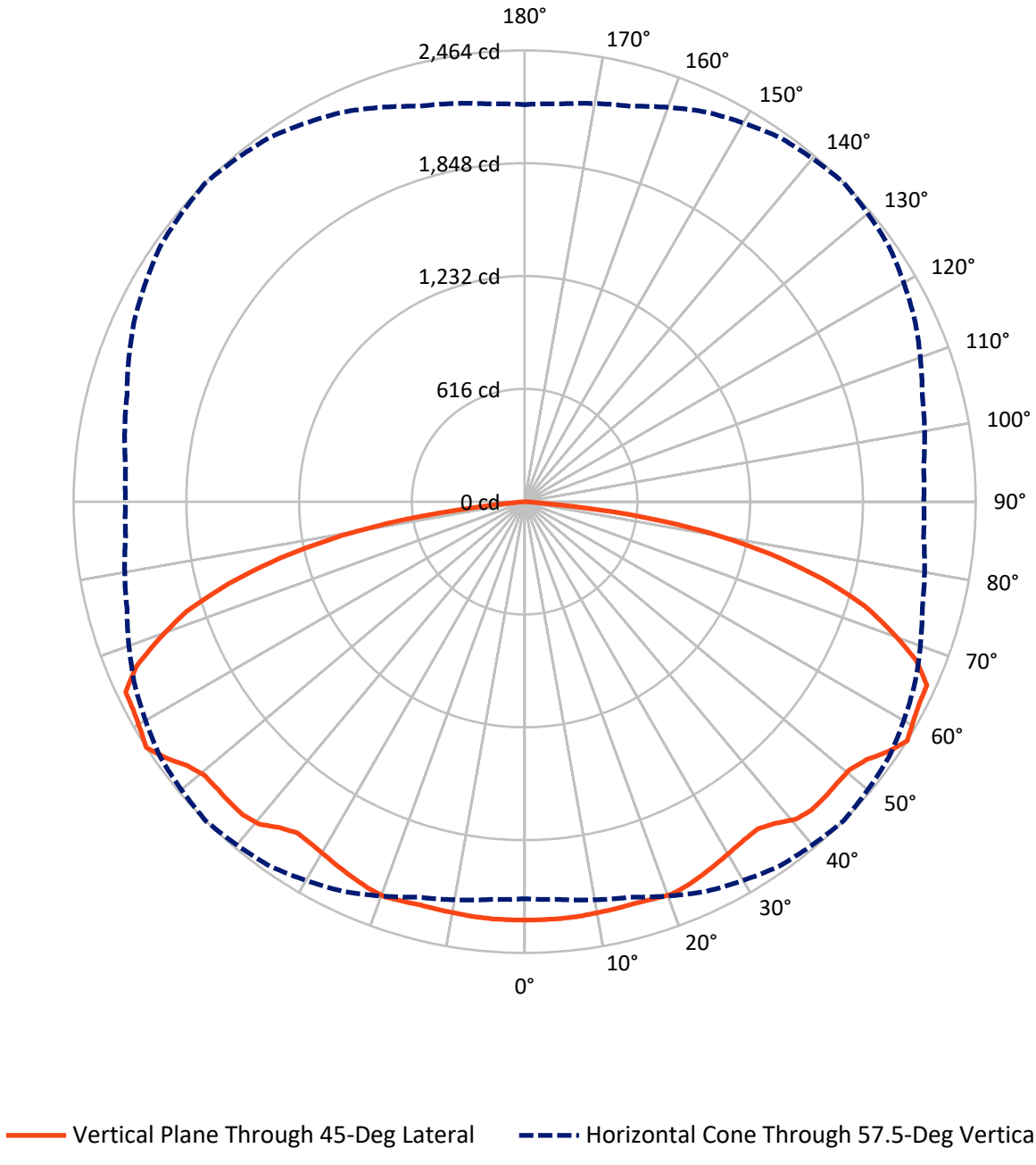
Based on 25 foot mounting height. Maximum calculated value = 3.7 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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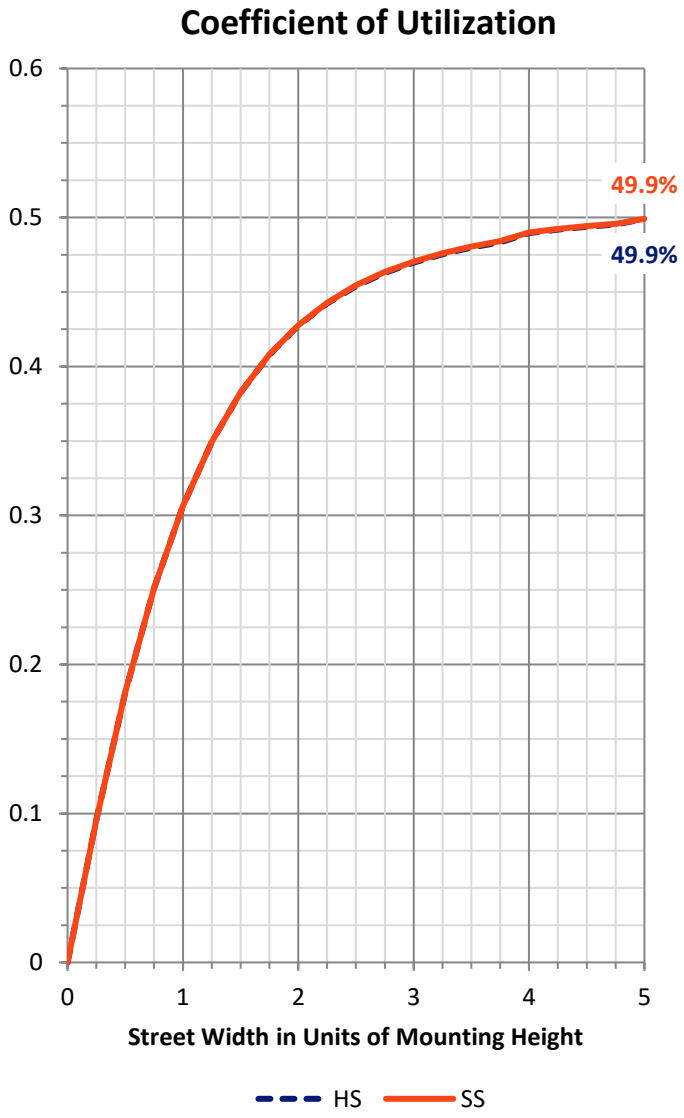
REPORT NUMBER: P887957
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5475.5	0.0	5475.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5475.5	0.0	5475.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	10951.0	0.0	10951.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	218.0	2.0
10°-20°	645.4	5.9
20°-30°	1040.4	9.5
30°-40°	1380.8	12.6
40°-50°	1734.4	15.8
50°-60°	2045.2	18.7
60°-70°	2146.9	19.6
70°-80°	1509.0	13.8
80°-90°	230.8	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°	10951.0	100.0
0°-180°	10951.0	100.0



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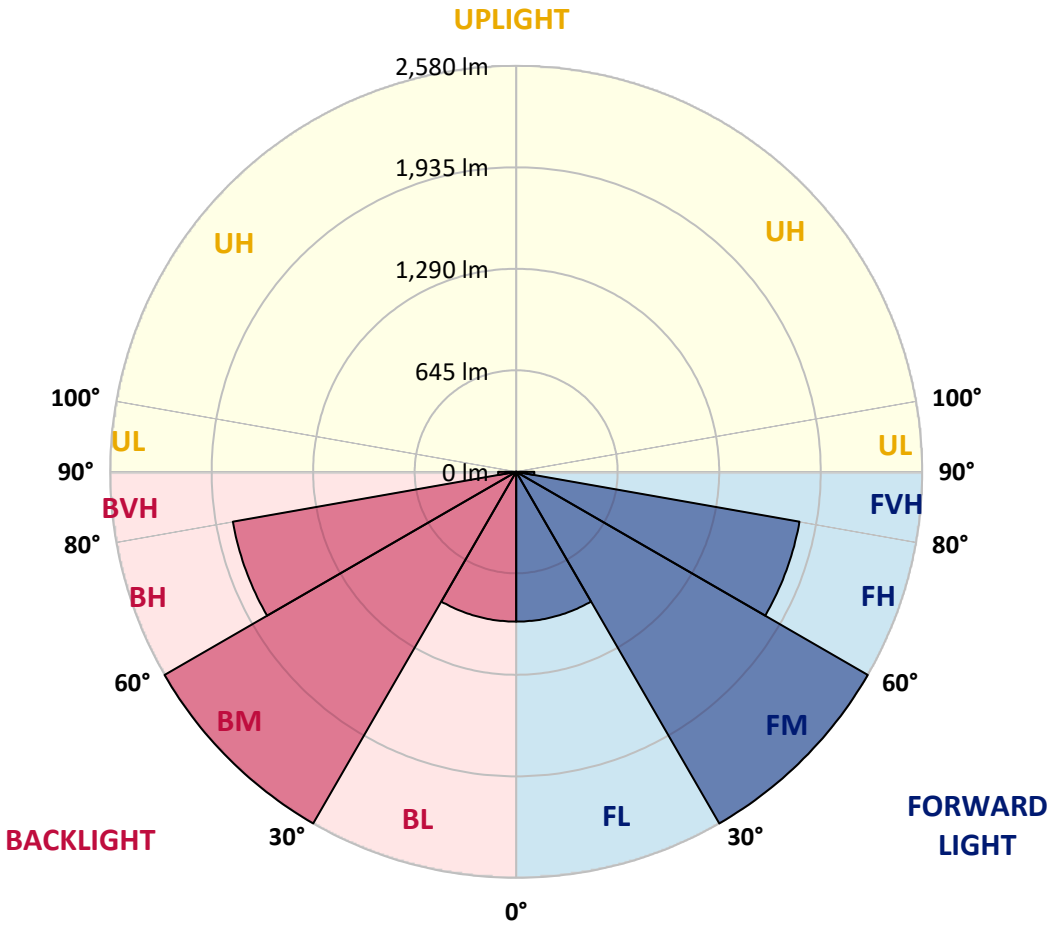
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	951.9	8.7			
FM	(30°-60°)	2580.2	23.6			
FH	(60°-80°)	1828.0	16.7			G2/5000
FVH	(80°-90°)	115.4	1.1			G2/225
BL	(0°-30°)	951.9	8.7	B2/1000		
BM	(30°-60°)	2580.2	23.6	B3/5000		
BH	(60°-80°)	1828.0	16.7	B3/2500		G2/5000
BVH	(80°-90°)	115.4	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°	2284.8	2284.8	2284.8	2284.8	2284.8	2284.8	2284.8	2284.8	2284.8	2284.8	2284.8
2.5°	2286.8	2286.8	2286.8	2284.8	2282.9	2284.8	2282.9	2284.8	2284.8	2284.8	2286.8
5°	2286.8	2286.8	2286.8	2284.8	2284.8	2284.8	2284.8	2284.8	2284.8	2284.8	2284.8
7.5°	2284.8	2284.8	2282.9	2282.9	2282.9	2282.9	2282.9	2282.9	2282.9	2282.9	2282.9
10°	2282.9	2282.9	2280.9	2280.9	2278.9	2278.9	2278.9	2280.9	2280.9	2280.9	2280.9
12.5°	2276.9	2278.9	2278.9	2276.9	2276.9	2276.9	2275.0	2276.9	2276.9	2275.0	2275.0
15°	2273.0	2275.0	2275.0	2275.0	2275.0	2275.0	2273.0	2275.0	2273.0	2273.0	2273.0
17.5°	2273.0	2273.0	2275.0	2276.9	2278.9	2280.9	2276.9	2276.9	2273.0	2271.0	2271.0
20°	2276.9	2276.9	2278.9	2280.9	2286.8	2288.8	2286.8	2280.9	2278.9	2275.0	2275.0
22.5°	2265.1	2267.1	2269.1	2269.1	2273.0	2276.9	2275.0	2271.0	2267.1	2265.1	2265.1
25°	2249.3	2249.3	2249.3	2253.3	2257.2	2257.2	2255.3	2253.3	2249.3	2247.4	2247.4
27.5°	2227.7	2225.7	2227.7	2231.6	2235.5	2237.5	2235.5	2233.6	2227.7	2227.7	2225.7
30°	2204.0	2202.0	2206.0	2209.9	2215.8	2217.8	2215.8	2211.9	2206.0	2204.0	2202.0
32.5°	2180.3	2180.3	2184.3	2190.2	2198.1	2202.0	2198.1	2194.1	2184.3	2180.3	2180.3
35°	2158.7	2158.7	2168.5	2180.3	2190.2	2194.1	2190.2	2184.3	2172.5	2162.6	2162.6
37.5°	2160.6	2164.6	2178.4	2206.0	2221.7	2227.7	2223.7	2206.0	2186.3	2170.5	2164.6
40°	2190.2	2194.1	2217.8	2245.4	2271.0	2280.9	2273.0	2249.3	2221.7	2198.1	2194.1
42.5°	2192.2	2194.1	2221.7	2257.2	2286.8	2300.6	2290.7	2261.2	2227.7	2200.1	2196.1
45°	2176.4	2182.3	2213.9	2255.3	2286.8	2300.6	2286.8	2261.2	2219.8	2188.2	2186.3
47.5°	2160.6	2164.6	2200.1	2245.4	2282.9	2296.7	2284.8	2249.3	2204.0	2170.5	2168.5
50°	2148.8	2152.7	2184.3	2243.4	2284.8	2300.6	2286.8	2249.3	2194.1	2160.6	2158.7
52.5°	2144.9	2148.8	2200.1	2263.1	2326.2	2340.0	2324.3	2267.1	2207.9	2156.7	2156.7
55°	2154.7	2156.7	2225.7	2320.3	2379.5	2409.0	2383.4	2322.3	2239.5	2172.5	2164.6
57.5°	2168.5	2180.3	2235.5	2347.9	2428.7	2464.2	2430.7	2351.9	2249.3	2188.2	2180.3
60°	2121.2	2138.9	2215.8	2312.4	2405.1	2438.6	2411.0	2324.3	2215.8	2137.0	2135.0
62.5°	2036.4	2044.3	2148.8	2271.0	2377.5	2420.9	2383.4	2288.8	2156.7	2073.9	2064.0
65°	2012.8	2022.6	2097.5	2249.3	2359.7	2414.9	2377.5	2261.2	2109.4	2020.7	2012.8
67.5°	1868.9	1890.6	1999.0	2133.0	2257.2	2304.5	2269.1	2166.5	1999.0	1890.6	1874.8
70°	1697.4	1723.0	1825.5	1973.4	2077.8	2127.1	2083.7	2001.0	1823.5	1719.0	1701.3
72.5°	1498.2	1514.0	1632.3	1752.6	1882.7	1941.8	1886.6	1780.2	1626.4	1500.2	1492.3
75°	1224.2	1251.8	1383.9	1494.3	1616.5	1679.6	1638.2	1514.0	1368.1	1232.1	1222.3
77.5°	936.4	946.3	1082.3	1210.4	1312.9	1370.1	1336.6	1218.3	1068.5	934.4	922.6
80°	621.0	628.9	737.3	853.6	952.2	1015.3	975.8	869.4	705.8	609.2	595.4
82.5°	268.1	274.0	339.1	437.6	526.4	581.6	550.0	449.5	311.5	252.3	238.5
85°	21.7	19.7	21.7	25.6	25.6	53.2	45.3	39.4	15.8	19.7	15.8
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)