Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1198286

Luminaire Tested: GPC-SB1C-735-U-5MQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198286
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-20)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1C-735-U-5MQ
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE V MEDIUM OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7885 lumens
Efficiency:	N/A
Efficacy:	144.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G2

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

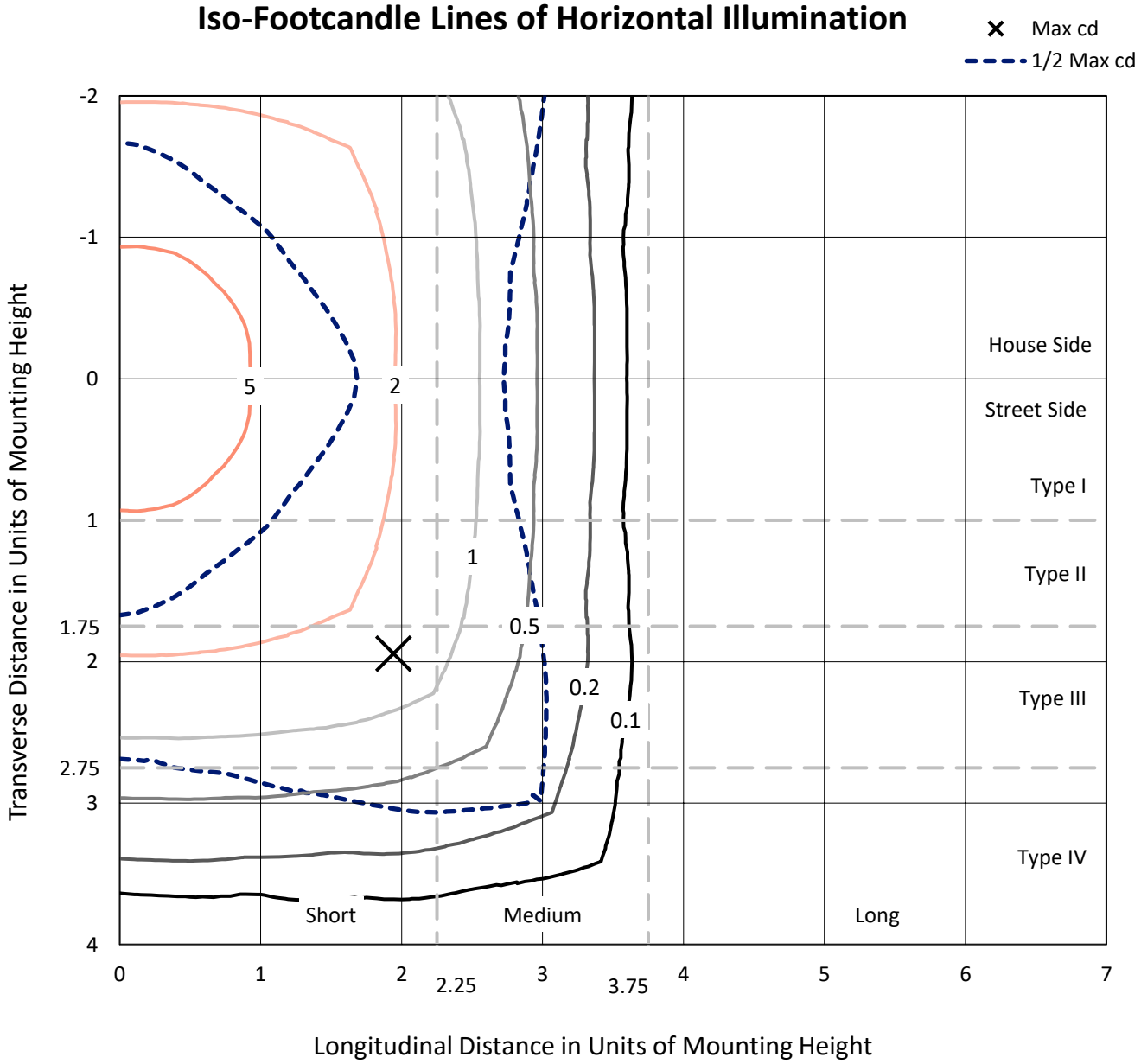


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Iso-Footcandle Lines of Horizontal Illumination



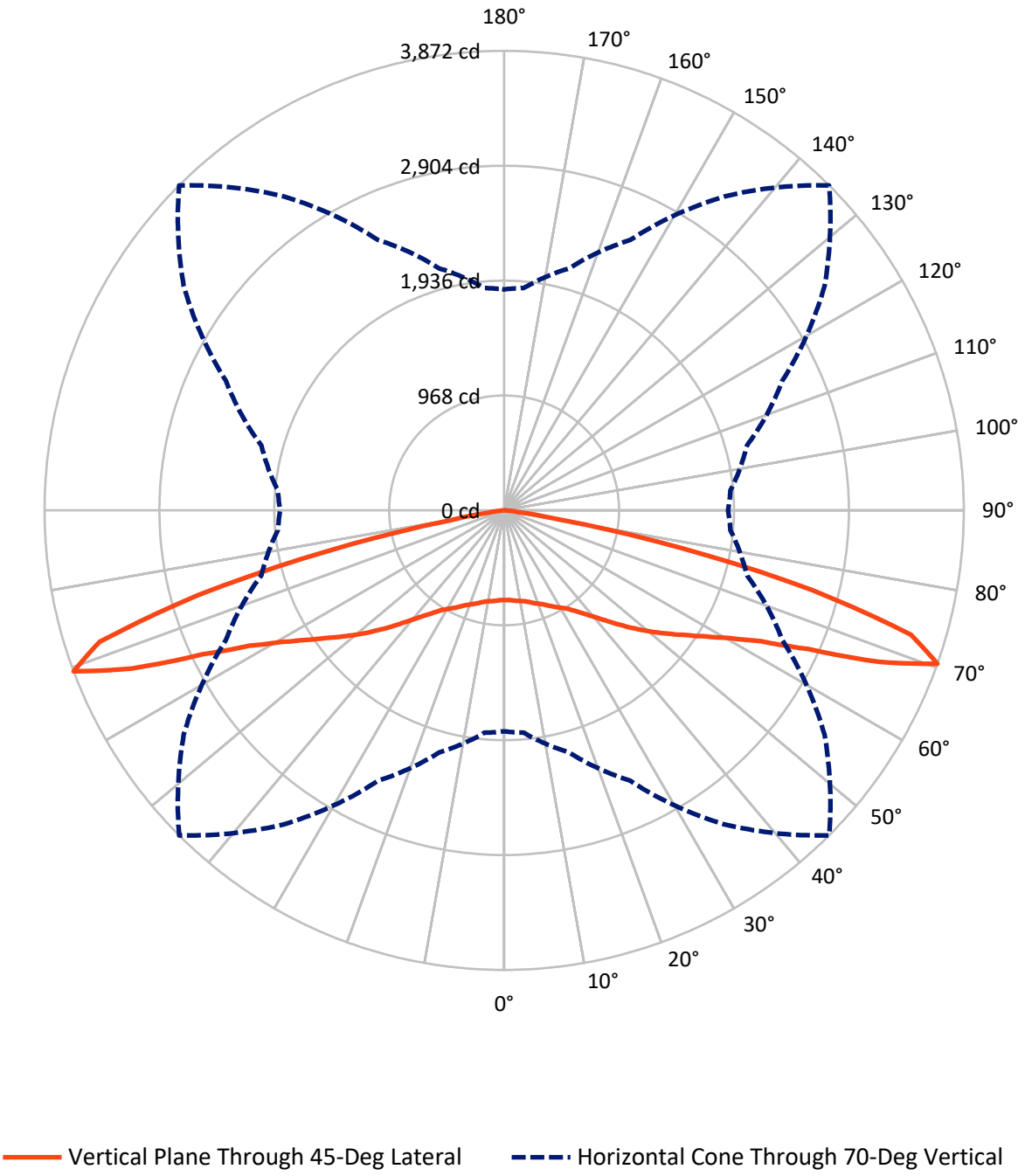
Based on 10 foot mounting height. Maximum calculated value = 7.6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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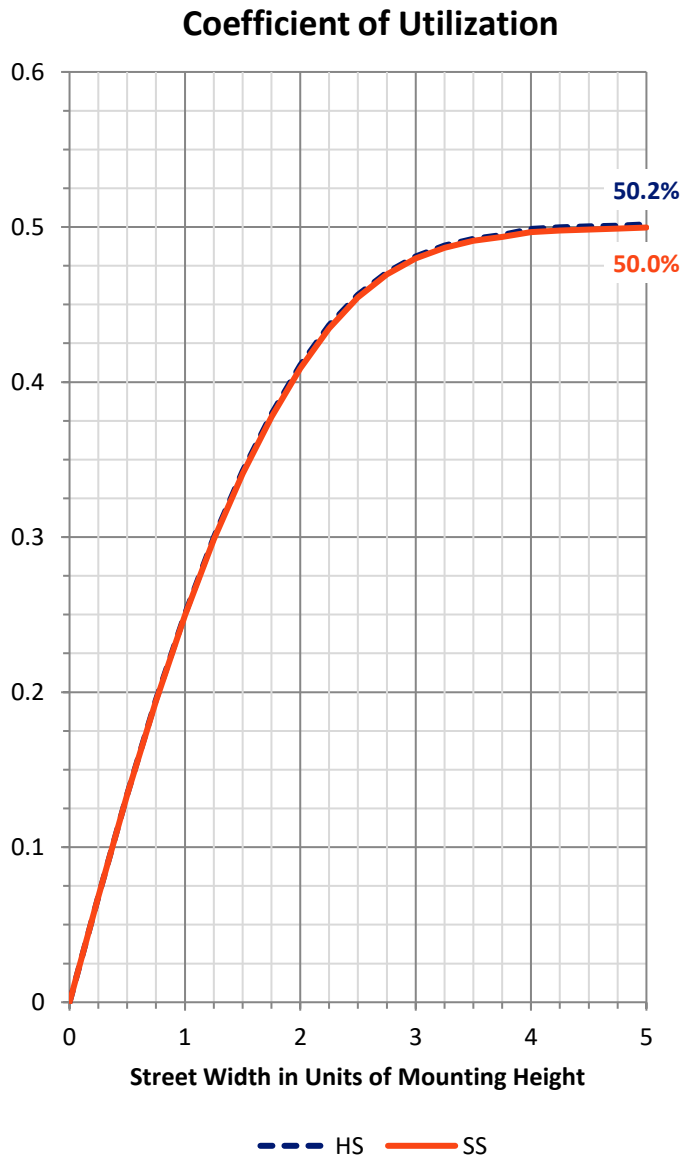
REPORT NUMBER: P1198286
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3942.5	0.0	3942.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3942.5	0.0	3942.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	7885.0	0.0	7885.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.4	0.9
10°-20°	227.5	2.9
20°-30°	406.6	5.2
30°-40°	659.1	8.4
40°-50°	1073.6	13.6
50°-60°	1636.9	20.8
60°-70°	2435.2	30.9
70°-80°	1327.3	16.8
80°-90°	45.2	0.6
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°	7885.0	100.0
0°-180°	7885.0	100.0



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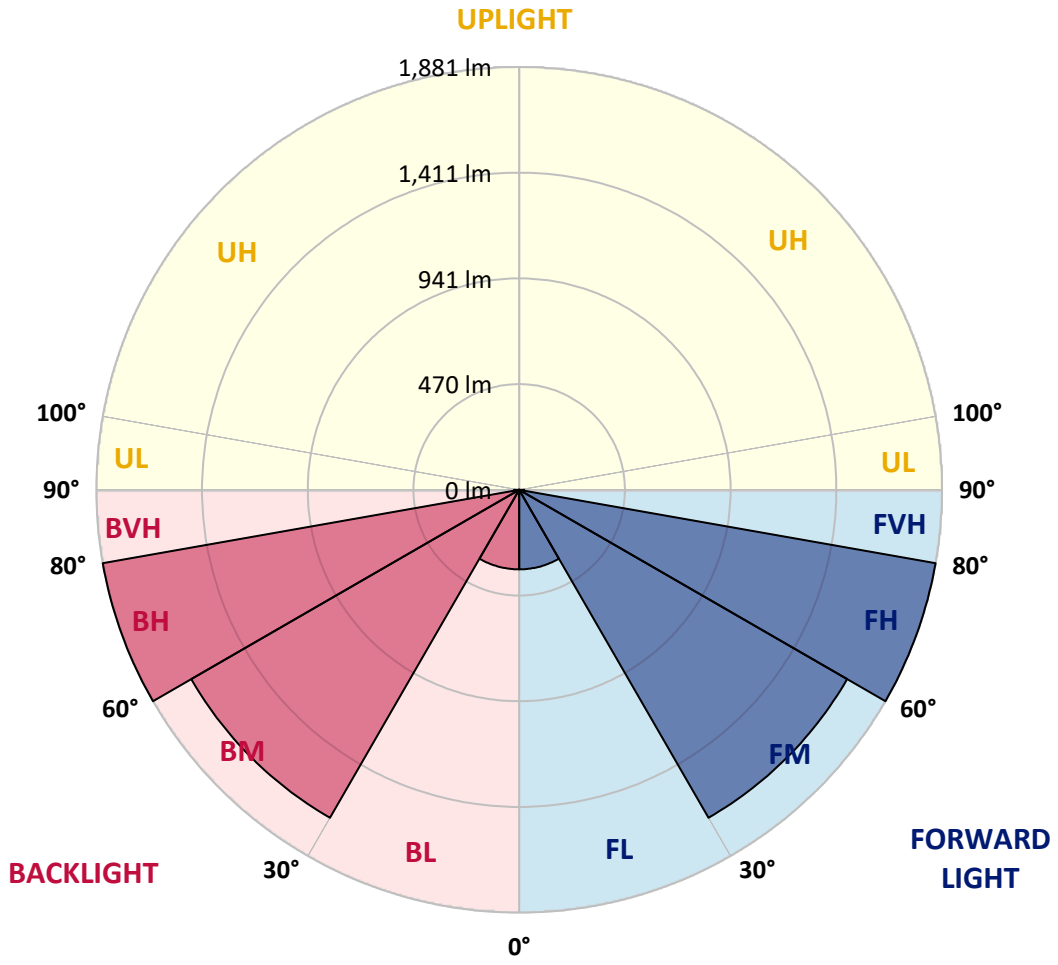
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	353.8	4.5			
FM	(30°-60°)	1684.9	21.4			
FH	(60°-80°)	1881.3	23.9			G2/5000
FVH	(80°-90°)	22.6	0.3			G1/100
BL	(0°-30°)	353.8	4.5	B1/500		
BM	(30°-60°)	1684.9	21.4	B2/2500		
BH	(60°-80°)	1881.3	23.9	B3/2500		G2/5000
BVH	(80°-90°)	22.6	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	755.3	755.3	755.3	755.3	755.3	755.3	755.3	755.3	755.3	755.3	755.3
2.5°	758.9	759.7	758.1	757.3	756.5	755.3	755.7	757.7	759.3	758.9	759.3
5°	765.2	766.0	764.8	764.4	762.8	762.4	762.4	764.4	765.6	764.8	765.2
7.5°	772.3	773.5	771.5	771.1	770.3	769.6	769.2	771.1	772.3	772.3	772.3
10°	779.1	780.2	778.7	777.5	776.7	776.7	775.9	777.5	779.4	779.1	779.1
12.5°	786.2	787.0	785.4	784.6	784.6	785.8	784.6	785.4	787.0	786.2	785.8
15°	794.9	795.3	794.9	796.1	798.1	802.0	798.5	797.7	798.5	796.5	796.5
17.5°	806.8	807.6	809.1	811.9	814.7	821.8	815.5	813.5	813.5	809.5	809.5
20°	821.4	822.6	825.0	829.7	833.3	840.0	833.7	830.9	829.7	824.6	824.6
22.5°	836.8	838.8	842.4	848.7	855.1	861.4	855.1	850.3	846.7	840.0	839.6
25°	854.7	857.0	862.6	872.9	881.6	890.7	883.2	873.7	866.5	857.0	856.6
27.5°	880.0	882.8	889.5	902.2	913.2	921.2	914.0	901.8	891.9	880.4	880.0
30°	915.6	918.4	926.3	939.8	947.3	952.4	947.7	938.2	926.3	913.2	913.2
32.5°	961.5	965.1	973.8	986.5	988.1	988.9	987.3	982.5	973.8	958.0	958.4
35°	1019.7	1023.7	1033.6	1043.9	1042.3	1043.9	1041.5	1039.9	1033.6	1015.4	1015.4
37.5°	1091.0	1095.7	1106.0	1114.0	1110.0	1108.0	1108.4	1108.8	1105.2	1085.1	1085.1
40°	1173.7	1180.1	1187.6	1195.9	1189.2	1183.2	1187.2	1190.4	1187.2	1166.6	1166.6
42.5°	1258.8	1267.9	1275.9	1287.7	1282.2	1274.7	1280.2	1283.8	1277.0	1254.9	1256.5
45°	1353.4	1362.2	1372.4	1390.3	1386.3	1378.4	1386.3	1387.1	1375.6	1349.5	1352.3
47.5°	1451.2	1460.3	1475.8	1499.5	1497.9	1489.2	1499.5	1494.0	1479.3	1448.1	1446.1
50°	1543.9	1556.5	1580.3	1613.5	1616.7	1606.0	1619.9	1609.2	1584.6	1545.4	1544.6
52.5°	1630.9	1644.4	1682.0	1727.1	1738.6	1724.8	1743.4	1724.8	1687.9	1637.7	1632.9
55°	1722.4	1737.4	1782.2	1841.1	1864.1	1853.8	1871.2	1843.1	1790.9	1729.9	1721.6
57.5°	1830.1	1839.2	1892.6	1962.7	2001.5	2003.8	2011.8	1964.3	1900.9	1831.6	1822.1
60°	1946.8	1959.5	2017.7	2101.6	2163.0	2182.8	2174.5	2104.0	2030.4	1950.8	1938.1
62.5°	2096.5	2110.3	2180.0	2280.6	2377.5	2426.6	2394.2	2292.0	2201.0	2105.6	2089.0
65°	2220.4	2235.8	2361.7	2541.0	2717.6	2816.1	2734.6	2546.6	2382.7	2248.1	2225.9
67.5°	2130.5	2149.5	2347.1	2676.4	3115.4	3409.5	3130.5	2716.8	2395.7	2213.3	2185.9
70°	1862.1	1879.9	2110.3	2512.9	3227.4	3871.9	3294.7	2586.9	2117.9	1913.6	1886.3
72.5°	1236.3	1293.7	1526.8	2009.8	2881.9	3582.9	2910.4	1969.0	1416.4	1233.5	1193.5
75°	410.1	456.0	615.2	1041.9	1930.2	2679.6	1837.6	922.0	487.3	350.7	331.7
77.5°	103.3	119.2	164.3	298.1	769.9	1525.6	693.2	243.5	132.6	92.6	82.7
80°	50.3	55.4	79.2	99.4	192.8	484.9	180.9	93.4	62.5	48.3	44.3
82.5°	27.7	28.1	44.7	56.2	71.7	125.5	74.4	54.6	36.0	29.3	29.3
85°	17.0	16.6	23.8	30.1	30.1	44.7	35.6	30.1	20.6	18.2	19.0
87.5°	6.7	6.7	8.7	9.5	8.3	11.5	9.1	9.9	7.9	7.5	7.9
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)