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: P1197811

Luminaire Tested: GPC-SB1B-735-U-5NQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197811
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-18)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1B-735-U-5NQ
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE V NARROW OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5933 lumens
Efficiency:	N/A
Efficacy:	149.1 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B2 - U0 - G1

Input Watts (W):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

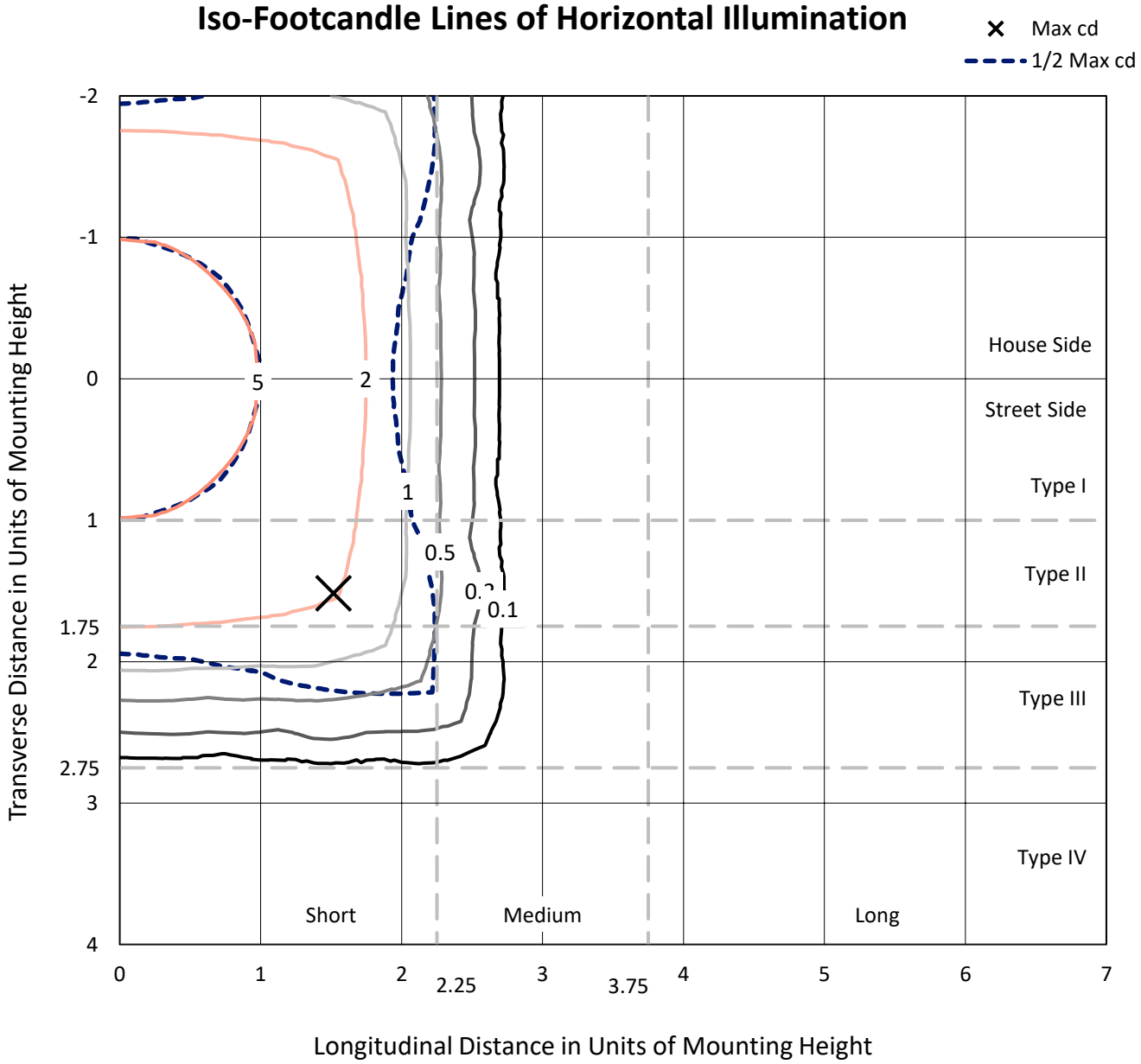


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Iso-Footcandle Lines of Horizontal Illumination



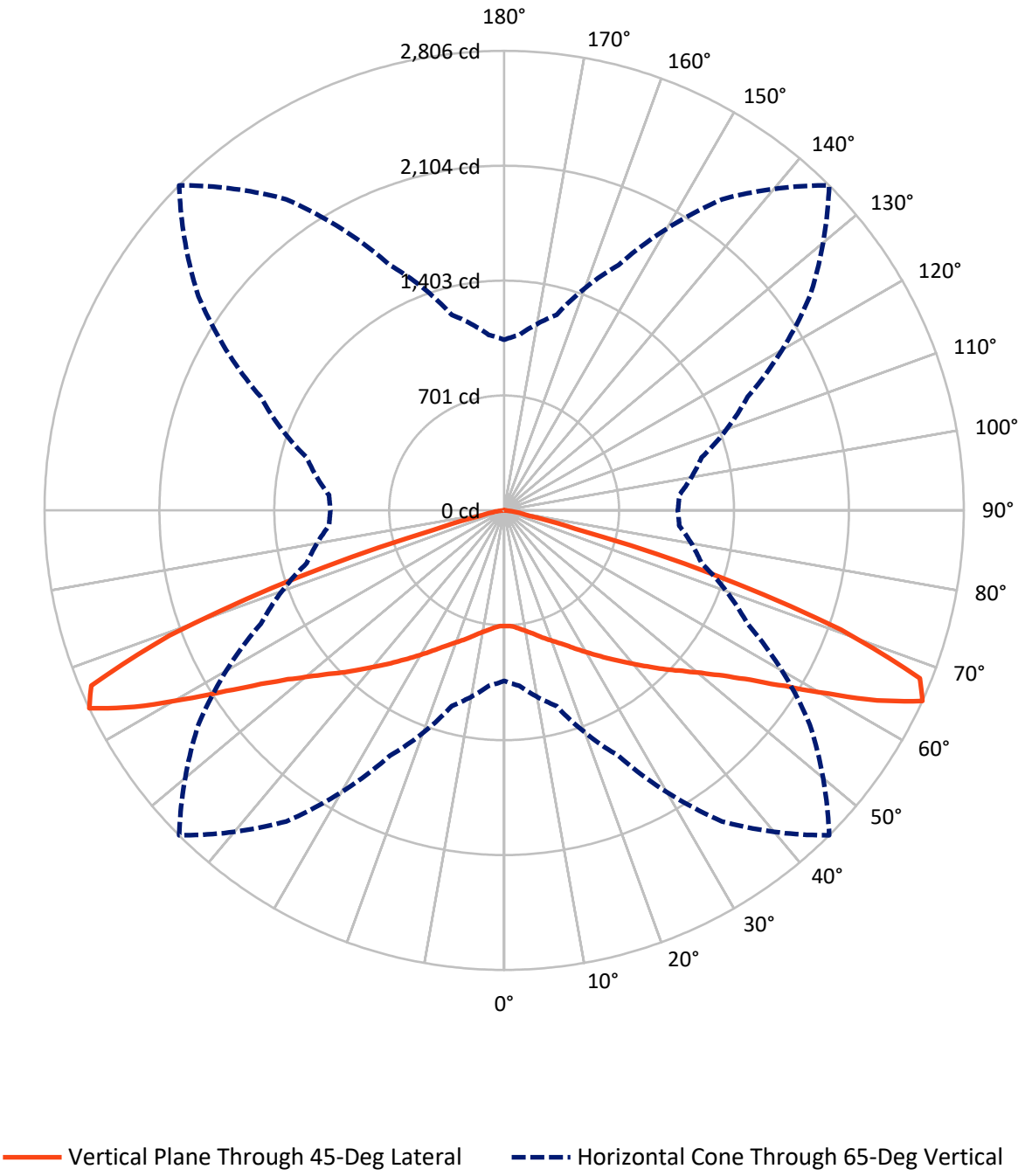
Based on 10 foot mounting height. Maximum calculated value = 7.2 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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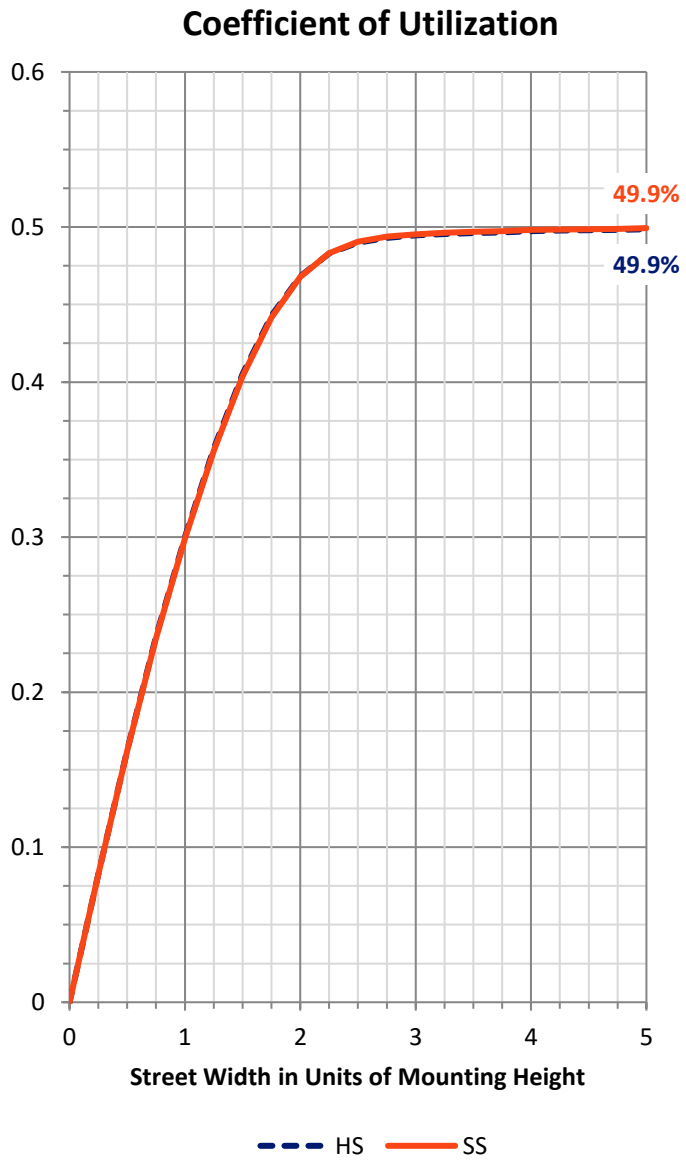
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2966.5	0.0	2966.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2966.5	0.0	2966.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5933.0	0.0	5933.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.7	1.2
10°-20°	227.4	3.8
20°-30°	429.3	7.2
30°-40°	703.0	11.8
40°-50°	1090.0	18.4
50°-60°	1610.2	27.1
60°-70°	1532.8	25.8
70°-80°	247.3	4.2
80°-90°	23.3	0.4
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°	5933.0	100.0
0°-180°	5933.0	100.0



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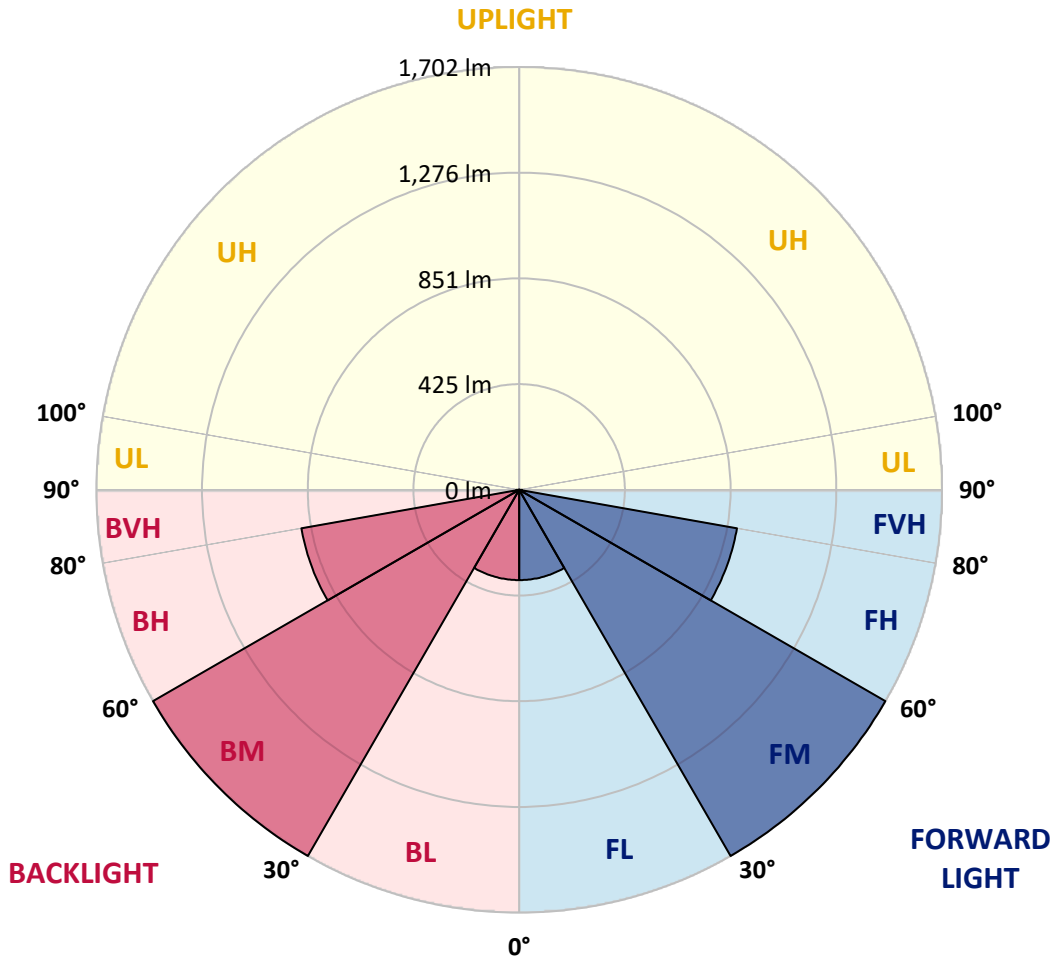
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	363.2	6.1			
FM	(30°-60°)	1701.6	28.7			
FH	(60°-80°)	890.0	15.0			G1/1800
FVH	(80°-90°)	11.7	0.2			G1/100
BL	(0°-30°)	363.2	6.1	B1/500		
BM	(30°-60°)	1701.6	28.7	B2/2500		
BH	(60°-80°)	890.0	15.0	B2/1000		G1/1800
BVH	(80°-90°)	11.7	0.2			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°	706.1	706.1	706.1	706.1	706.1	*706.1*	706.1	706.1	706.1	706.1	706.1
2.5°	710.8	708.5	710.3	708.8	707.6	*706.4*	707.0	709.1	710.0	710.3	710.3
5°	720.4	718.3	719.2	719.2	717.1	*716.5*	716.8	718.3	720.1	720.1	720.1
7.5°	735.9	733.8	735.9	734.7	732.9	*732.3*	732.0	733.2	735.9	735.9	735.0
10°	754.6	752.2	753.4	752.8	750.7	*749.8*	749.5	751.3	753.7	753.4	752.8
12.5°	775.1	772.5	774.0	772.2	771.6	*770.7*	770.7	770.4	771.9	770.7	771.3
15°	798.1	796.3	796.9	795.7	796.6	*796.0*	793.6	792.4	793.0	791.2	791.5
17.5°	825.2	821.0	823.1	822.5	822.5	*823.7*	819.8	818.3	819.5	817.7	819.2
20°	856.4	852.2	853.1	851.9	850.5	*851.6*	846.9	848.1	849.0	847.8	850.5
22.5°	890.6	885.3	885.0	885.6	882.3	*882.6*	879.3	882.3	884.1	880.8	884.1
25°	925.8	920.1	924.0	922.5	918.3	*919.2*	916.8	919.8	921.3	917.1	921.9
27.5°	963.0	959.1	962.7	963.6	958.5	*962.1*	958.5	961.2	962.7	956.4	961.2
30°	1006.4	1002.6	1005.8	1008.2	1002.3	*1007.9*	1005.0	1006.7	1007.0	999.6	1004.1
32.5°	1053.8	1047.8	1056.2	1057.3	1050.8	*1057.6*	1053.8	1056.2	1057.6	1047.5	1054.4
35°	1111.5	1104.1	1113.6	1112.1	1106.5	*1112.1*	1108.5	1112.1	1115.7	1103.5	1110.9
37.5°	1173.7	1166.0	1176.1	1173.4	1168.1	*1171.9*	1169.9	1172.2	1177.9	1164.8	1172.8
40°	1242.2	1232.7	1246.4	1241.6	1236.5	*1235.9*	1237.1	1238.6	1246.1	1231.5	1236.2
42.5°	1315.4	1305.3	1325.8	1318.4	1311.3	*1306.5*	1310.4	1313.3	1320.5	1304.1	1312.7
45°	1399.1	1387.5	1414.3	1405.3	1394.0	*1384.2*	1390.4	1394.9	1405.3	1385.7	1395.8
47.5°	1491.4	1478.3	1506.8	1504.2	1485.7	*1464.3*	1478.6	1491.4	1499.1	1475.3	1483.3
50°	1581.6	1571.4	1608.9	1612.2	1589.6	*1559.5*	1579.5	1598.8	1600.9	1569.6	1573.5
52.5°	1666.1	1656.0	1710.4	1731.0	1710.7	*1675.0*	1696.2	1715.8	1700.0	1659.5	1660.7
55°	1733.7	1725.3	1794.7	1847.7	1854.5	*1825.0*	1837.6	1837.0	1785.2	1722.9	1725.0
57.5°	1750.0	1748.8	1836.4	1948.6	2020.0	*2023.6*	1998.9	1935.8	1824.2	1740.5	1735.2
60°	1675.6	1683.1	1803.3	2001.3	2191.8	*2271.0*	2164.1	1984.0	1779.8	1663.7	1650.0
62.5°	1453.0	1472.6	1617.6	1937.0	2330.5	*2555.5*	2296.6	1910.8	1597.6	1446.1	1437.2
65°	*1041.3*	*1075.5*	*1235.7*	*1653.0*	*2318.0*	*2805.6*	*2277.5*	*1639.6*	*1247.6*	*1072.8*	*1060.0*
67.5°	472.4	507.2	643.3	1131.8	2015.0	*2737.7*	2010.2	1143.7	675.4	509.0	501.6
70°	171.2	177.1	220.9	453.1	1287.7	*2181.4*	1342.8	456.3	234.9	188.7	186.3
72.5°	103.6	104.5	113.7	162.2	447.4	*1324.4*	466.5	167.6	116.1	103.0	104.8
75°	65.8	65.2	81.0	99.1	158.7	*446.8*	166.4	99.1	80.7	73.5	74.1
77.5°	47.3	48.8	58.0	74.1	100.0	*151.5*	98.2	70.8	58.0	47.6	48.5
80°	35.4	36.3	42.3	57.7	70.3	*94.4*	62.5	52.4	43.8	29.8	30.7
82.5°	25.6	25.6	27.7	42.0	42.9	*50.9*	33.9	36.9	28.9	21.1	21.1
85°	15.2	14.9	17.3	25.0	22.3	*18.8*	15.5	22.6	18.2	13.1	12.8
87.5°	5.4	5.7	5.4	7.1	6.0	*5.1*	4.8	6.3	5.1	4.5	4.2
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)