

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: INVUE

Report Number: P670877

Luminaire Tested: **CCP-SA-2C-835-U-T3**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P670877
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-835-U-T3
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ T3
distribution lens
Light Source: (32) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7527.6 lumens
Efficiency: N/A
Efficacy: 121.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

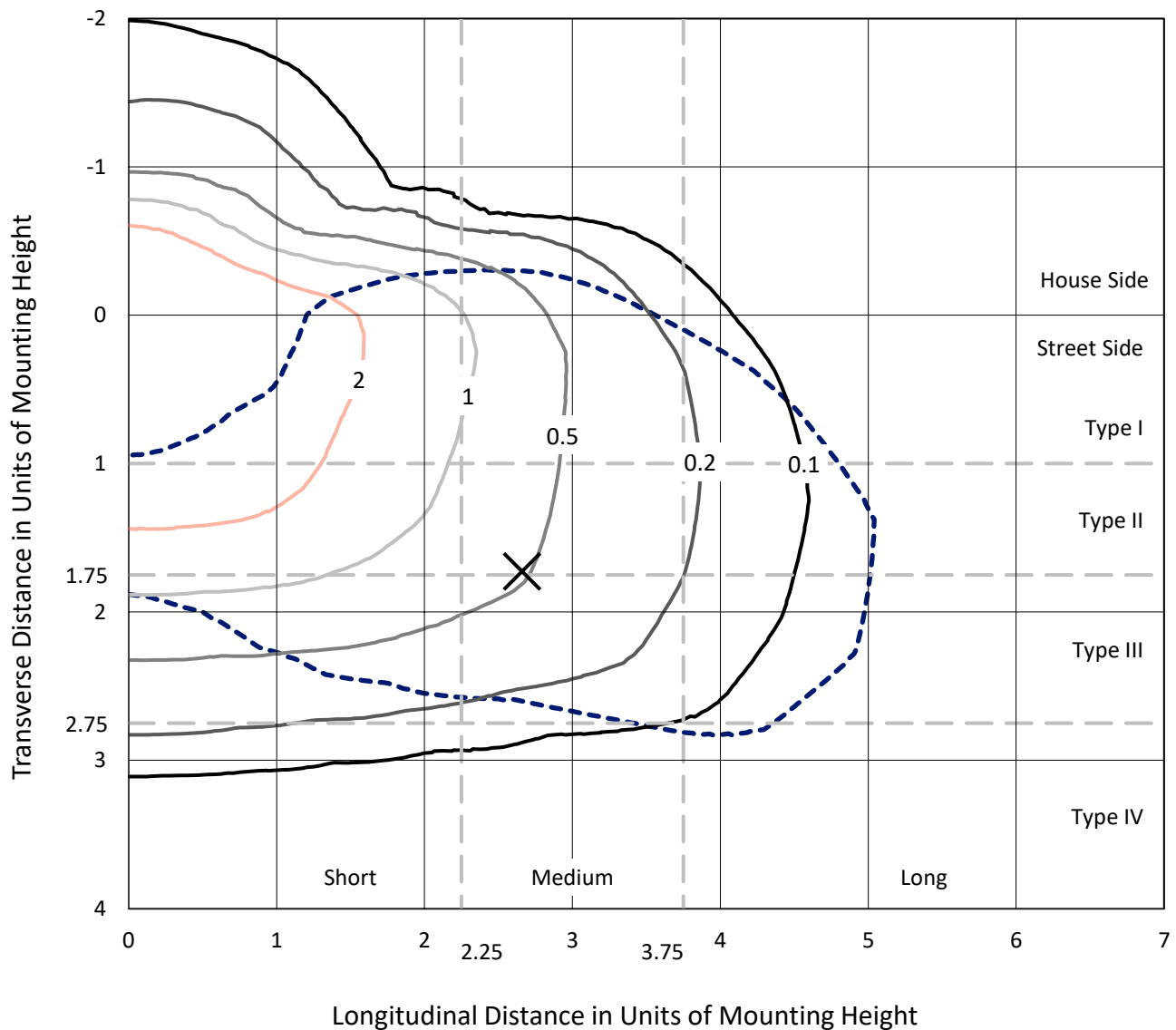
Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

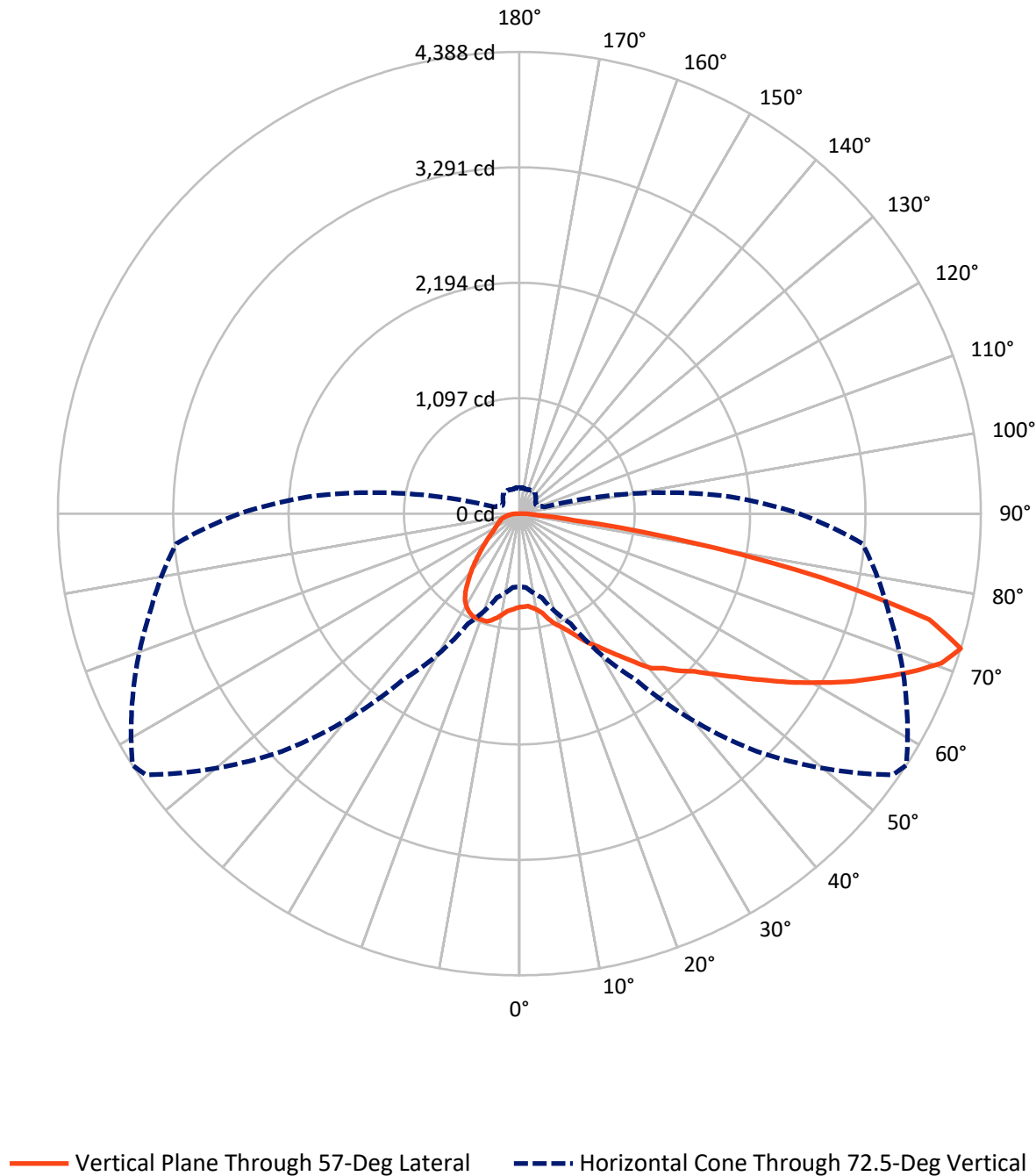
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.5 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1758.0	0.0	1758.0
	% Fixture	23.4	0.0	23.4
Street Side	Lumens	5769.6	0.0	5769.6
	% Fixture	76.6	0.0	76.6
Total	Lumens	7527.6	0.0	7527.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.2	1.2
10°-20°	297.2	3.9
20°-30°	543.4	7.2
30°-40°	797.2	10.6
40°-50°	1097.6	14.6
50°-60°	1505.1	20.0
60°-70°	1814.3	24.1
70°-80°	1208.6	16.1
80°-90°	176.0	2.3
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°	7527.6	100.0
0°-180°	7527.6	100.0

Coefficient of Utilization



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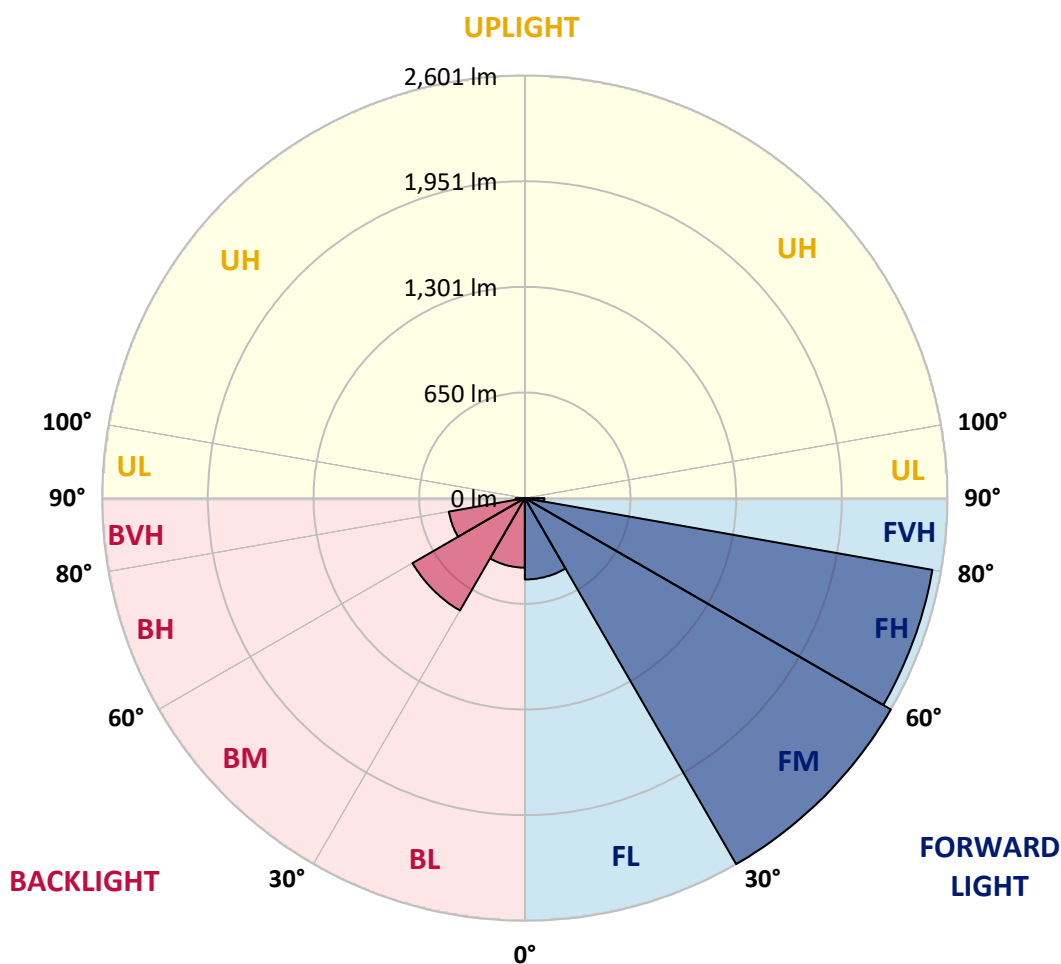
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	500.8	6.7			
FM	(30°-60°)	2601.4	34.6			
FH	(60°-80°)	2547.6	33.8			G2/5000
FVH	(80°-90°)	119.9	1.6			G2/225
BL	(0°-30°)	428.0	5.7	B1/500		
BM	(30°-60°)	798.5	10.6	B1/1000		
BH	(60°-80°)	475.3	6.3	B1/500		G1/500
BVH	(80°-90°)	56.2	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	888.5	888.5	888.5	888.5	888.5	888.5	888.5	888.5	888.5	888.5	888.5
2.5°	872.0	874.8	880.3	877.5	877.5	869.3	883.0	885.8	880.3	883.0	888.5
5°	872.0	877.5	885.8	880.3	883.0	880.3	874.8	883.0	883.0	885.8	894.0
7.5°	918.7	915.9	915.9	907.7	904.9	902.2	904.9	904.9	899.5	902.2	902.2
10°	970.8	970.8	965.3	965.3	959.8	946.1	932.4	929.6	921.4	924.1	924.1
12.5°	1025.6	1031.1	1036.6	1020.1	1014.6	992.7	984.5	968.0	968.0	962.5	959.8
15°	1094.2	1085.9	1091.4	1085.9	1072.2	1050.3	1036.6	1039.3	1020.1	1014.6	1006.4
17.5°	1154.5	1157.2	1149.0	1143.5	1118.8	1102.4	1105.1	1102.4	1077.7	1069.5	1055.8
20°	1225.8	1223.1	1223.1	1206.6	1184.7	1162.7	1154.5	1151.8	1157.2	1140.8	1107.9
22.5°	1299.8	1288.9	1288.9	1275.2	1245.0	1231.3	1225.8	1214.8	1220.3	1206.6	1157.2
25°	1360.2	1360.2	1379.4	1351.9	1335.5	1308.1	1297.1	1299.8	1302.6	1275.2	1217.6
27.5°	1439.7	1426.0	1445.2	1431.5	1423.2	1393.1	1379.4	1387.6	1382.1	1351.9	1272.4
30°	1541.2	1543.9	1532.9	1513.7	1502.8	1480.8	1472.6	1464.4	1472.6	1434.2	1332.7
32.5°	1667.3	1675.5	1648.1	1626.2	1607.0	1585.0	1568.6	1560.4	1568.6	1511.0	1379.4
35°	1812.6	1820.9	1798.9	1774.2	1752.3	1697.5	1683.8	1670.0	1639.9	1546.6	1423.2
37.5°	1947.0	1936.0	1930.6	1930.6	1889.4	1809.9	1801.7	1793.4	1735.9	1617.9	1483.6
40°	2037.5	2051.2	2045.7	2040.2	2034.8	1960.7	1944.3	1930.6	1834.6	1724.9	1568.6
42.5°	2139.0	2130.7	2152.7	2160.9	2141.7	2119.8	2054.0	2007.3	1922.3	1834.6	1694.7
45°	2259.6	2254.1	2262.4	2292.5	2265.1	2273.3	2163.6	2130.7	2023.8	1971.7	1853.8
47.5°	2366.6	2380.3	2421.4	2429.6	2407.7	2446.1	2292.5	2240.4	2171.9	2130.7	2018.3
50°	2413.2	2429.6	2522.9	2580.5	2583.2	2643.5	2421.4	2399.5	2306.2	2322.7	2224.0
52.5°	2374.8	2426.9	2539.3	2690.2	2783.4	2843.7	2591.4	2580.5	2495.5	2547.6	2448.8
55°	2410.5	2459.8	2533.9	2745.0	2980.8	2994.6	2827.3	2786.1	2701.1	2772.4	2681.9
57.5°	2426.9	2399.5	2539.3	2805.3	3126.2	3161.8	3052.1	3022.0	2956.2	3024.7	2972.6
60°	2298.0	2330.9	2462.6	2788.9	3134.4	3340.1	3304.4	3260.6	3200.2	3263.3	3233.1
62.5°	2152.7	2174.6	2317.2	2690.2	3181.0	3469.0	3548.5	3515.6	3430.6	3485.4	3537.5
65°	1968.9	1971.7	2130.7	2514.7	3090.5	3543.0	3762.4	3759.6	3699.3	3685.6	3767.9
67.5°	1744.1	1766.0	1892.2	2328.2	2967.1	3625.3	3973.5	4014.7	3894.0	3787.1	3817.2
70°	1338.2	1360.2	1480.8	1908.6	2714.8	3600.6	4234.1	4256.0	4020.2	3748.7	3671.9
72.5°	696.5	702.0	825.4	1151.8	1925.1	3197.5	4330.0	4387.6	4053.1	3636.2	3274.3
75°	230.4	230.4	282.5	438.8	907.7	2045.7	3921.4	4025.6	3891.3	3356.5	2679.2
77.5°	137.1	139.9	167.3	219.4	362.0	817.2	2764.2	2947.9	3183.8	2854.7	1958.0
80°	98.7	101.5	126.1	150.8	216.6	263.3	1387.6	1642.6	1955.2	1837.3	1044.8
82.5°	74.0	74.0	98.7	112.4	148.1	156.3	386.7	529.3	844.6	658.1	287.9
85°	76.8	76.8	76.8	79.5	101.5	90.5	161.8	172.8	246.8	216.6	79.5
87.5°	27.4	30.2	76.8	52.1	52.1	38.4	63.1	68.6	87.8	90.5	30.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	888.5	888.5	888.5	888.5	888.5	888.5	888.5	888.5	888.5	888.5	888.5
2.5°	891.2	891.2	894.0	894.0	899.5	904.9	913.2	907.7	907.7	910.4	907.7
5°	888.5	891.2	899.5	913.2	918.7	921.4	937.9	937.9	937.9	943.3	943.3
7.5°	899.5	904.9	918.7	932.4	935.1	943.3	965.3	970.8	984.5	990.0	992.7
10°	926.9	935.1	946.1	962.5	973.5	984.5	1000.9	1020.1	1017.4	1033.8	1036.6
12.5°	968.0	965.3	984.5	1000.9	1011.9	1028.4	1033.8	1033.8	1033.8	1033.8	1039.3
15°	1000.9	1006.4	1022.9	1033.8	1047.5	1044.8	1033.8	1022.9	1025.6	1022.9	1022.9
17.5°	1050.3	1050.3	1064.0	1066.7	1072.2	1044.8	1028.4	1028.4	1036.6	1036.6	1031.1
20°	1099.6	1096.9	1102.4	1099.6	1064.0	1031.1	1028.4	1031.1	1033.8	1031.1	1028.4
22.5°	1146.3	1140.8	1132.6	1121.6	1058.5	1028.4	1022.9	1009.2	995.4	995.4	987.2
25°	1187.4	1181.9	1160.0	1127.1	1055.8	1011.9	984.5	951.6	935.1	926.9	937.9
27.5°	1225.8	1214.8	1184.7	1127.1	1031.1	968.0	915.9	874.8	861.1	850.1	861.1
30°	1277.9	1258.7	1217.6	1118.8	992.7	899.5	828.2	778.8	765.1	748.6	754.1
32.5°	1324.5	1280.6	1245.0	1094.2	943.3	822.7	740.4	691.1	666.4	652.7	663.6
35°	1373.9	1330.0	1256.0	1055.8	866.6	729.4	647.2	600.6	581.4	562.2	562.2
37.5°	1423.2	1398.6	1272.4	984.5	773.3	641.7	567.6	532.0	499.1	463.4	463.4
40°	1527.4	1494.5	1291.6	902.2	680.1	556.7	504.6	458.0	425.1	375.7	372.9
42.5°	1637.1	1565.8	1291.6	803.5	597.8	496.4	447.0	397.6	337.3	307.1	309.9
45°	1777.0	1694.7	1256.0	715.7	515.5	447.0	392.1	329.1	301.6	282.5	282.5
47.5°	1952.5	1823.6	1212.1	619.8	449.7	403.1	334.6	296.2	277.0	260.5	257.8
50°	2160.9	1941.5	1157.2	537.5	394.9	362.0	304.4	274.2	257.8	246.8	246.8
52.5°	2380.3	2114.3	1118.8	463.4	351.0	307.1	282.5	263.3	249.5	241.3	238.6
55°	2602.4	2287.1	1091.4	383.9	309.9	282.5	277.0	260.5	255.0	246.8	241.3
57.5°	2852.0	2429.6	1085.9	329.1	277.0	271.5	282.5	268.7	260.5	252.3	244.1
60°	3120.7	2621.6	1036.6	285.2	260.5	266.0	274.2	260.5	255.0	246.8	241.3
62.5°	3386.7	2764.2	902.2	252.3	244.1	249.5	260.5	249.5	241.3	244.1	246.8
65°	3496.4	2775.2	699.3	227.6	224.9	227.6	244.1	241.3	233.1	249.5	249.5
67.5°	3386.7	2676.5	493.6	205.7	205.7	219.4	246.8	252.3	244.1	266.0	263.3
70°	3137.2	2432.4	334.6	192.0	197.4	233.1	255.0	249.5	238.6	266.0	260.5
72.5°	2662.7	1947.0	244.1	178.2	186.5	222.1	252.3	246.8	238.6	249.5	238.6
75°	1999.1	1384.8	192.0	161.8	164.5	200.2	260.5	246.8	224.9	219.4	211.2
77.5°	1335.5	855.6	148.1	142.6	142.6	175.5	249.5	230.4	202.9	194.7	192.0
80°	636.2	342.8	117.9	120.7	123.4	150.8	227.6	205.7	183.7	172.8	172.8
82.5°	202.9	128.9	98.7	98.7	98.7	123.4	189.2	172.8	159.1	150.8	137.1
85°	71.3	71.3	85.0	87.8	79.5	90.5	156.3	148.1	131.6	109.7	106.9
87.5°	27.4	41.1	57.6	68.6	49.4	63.1	112.4	104.2	96.0	71.3	68.6
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)