

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: P670634

Luminaire Tested: **CCP-SA-2C-722-U-T2**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P670634
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-722-U-T2
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ T2
distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6643.4 lumens
Efficiency: N/A
Efficacy: 107.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G2

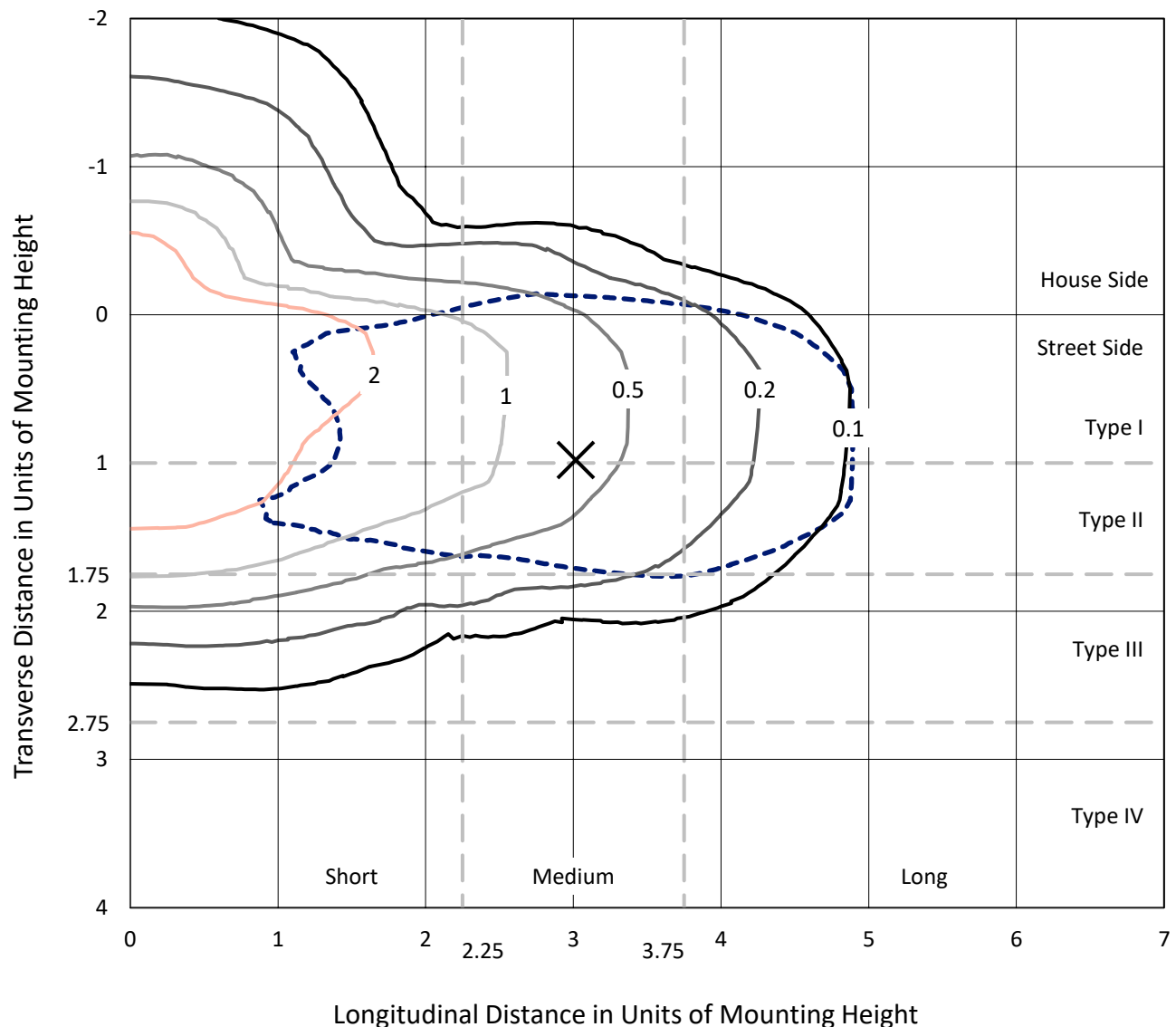
Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

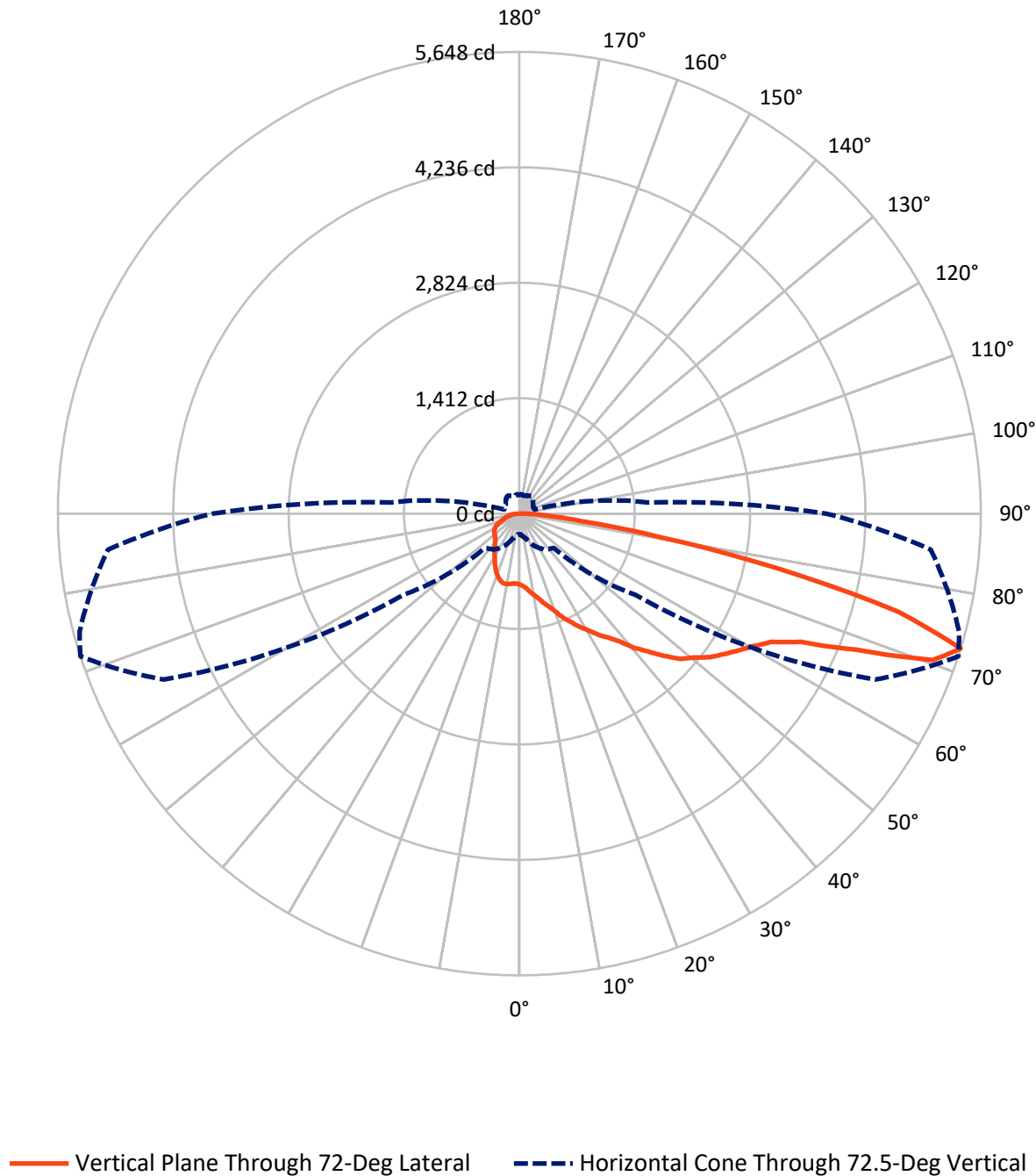
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.8 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1398.1	0.0	1398.1
	% Fixture	21.0	0.0	21.0
Street Side	Lumens	5245.2	0.0	5245.2
	% Fixture	79.0	0.0	79.0
Total	Lumens	6643.4	0.0	6643.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.8	1.3
10°-20°	266.6	4.0
20°-30°	461.3	6.9
30°-40°	681.4	10.3
40°-50°	1013.3	15.3
50°-60°	1389.2	20.9
60°-70°	1506.9	22.7
70°-80°	1062.4	16.0
80°-90°	176.5	2.7
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°	6643.4	100.0
0°-180°	6643.4	100.0

Coefficient of Utilization



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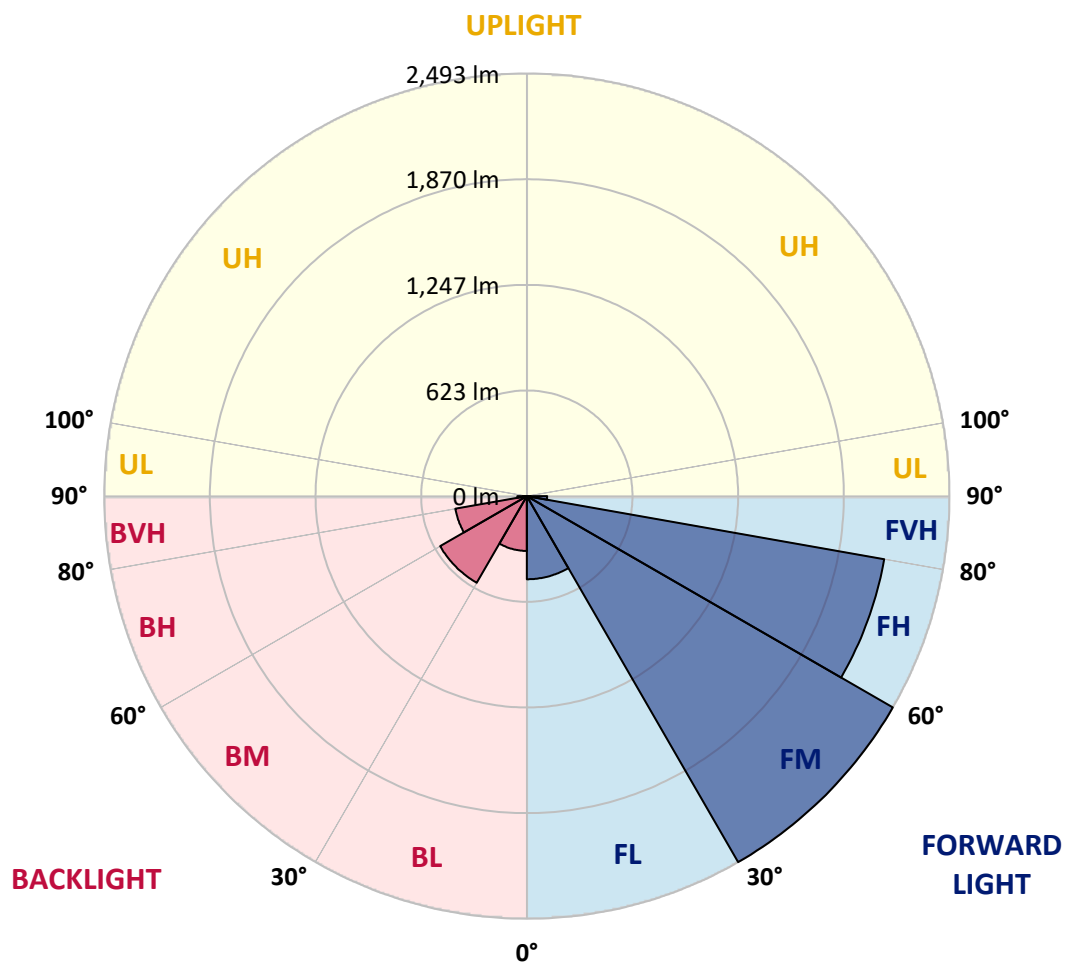
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	490.6	7.4			
FM	(30°-60°)	2493.4	37.5			
FH	(60°-80°)	2140.9	32.2			G2/5000
FVH	(80°-90°)	120.3	1.8			G2/225
BL	(0°-30°)	323.2	4.9	B1/500		
BM	(30°-60°)	590.5	8.9	B1/1000		
BH	(60°-80°)	428.3	6.4	B1/500		G1/500
BVH	(80°-90°)	56.2	0.8			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 II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	72°	75°	85°
0°	867.8	867.8	867.8	867.8	867.8	867.8	867.8	867.8	867.8	867.8	867.8
2.5°	936.4	936.4	929.1	926.6	926.6	907.0	909.5	897.2	887.4	887.4	877.6
5°	985.5	980.6	980.6	980.6	968.3	961.0	958.5	936.4	919.3	921.7	892.3
7.5°	997.7	1000.2	1002.6	1014.9	1007.5	1012.4	1007.5	983.0	970.8	958.5	931.5
10°	1005.1	1010.0	1010.0	1027.2	1027.2	1039.4	1046.8	1037.0	1014.9	1002.6	958.5
12.5°	1022.2	1014.9	1024.7	1037.0	1049.2	1071.3	1093.3	1083.5	1068.8	1054.1	1005.1
15°	1022.2	1024.7	1032.1	1051.7	1071.3	1093.3	1132.6	1147.3	1139.9	1113.0	1061.5
17.5°	992.8	985.5	1019.8	1056.6	1093.3	1120.3	1171.8	1206.1	1201.2	1191.4	1113.0
20°	995.3	1002.6	1014.9	1046.8	1105.6	1154.6	1218.4	1274.7	1287.0	1282.1	1181.6
22.5°	1039.4	1041.9	1054.1	1068.8	1115.4	1179.1	1274.7	1365.5	1387.5	1375.3	1257.6
25°	1083.5	1103.1	1103.1	1113.0	1130.1	1196.3	1311.5	1439.0	1470.9	1473.3	1336.0
27.5°	1154.6	1159.5	1174.2	1179.1	1193.9	1233.1	1353.2	1492.9	1566.5	1556.7	1407.1
30°	1238.0	1240.4	1250.2	1245.3	1247.8	1296.8	1392.4	1554.2	1654.7	1657.2	1483.1
32.5°	1336.0	1355.6	1360.5	1328.7	1333.6	1345.8	1453.7	1627.8	1765.0	1747.9	1549.3
35°	1480.7	1488.0	1473.3	1458.6	1421.8	1414.5	1517.4	1701.3	1860.6	1880.3	1647.4
37.5°	1659.6	1679.2	1659.6	1581.2	1542.0	1512.5	1595.9	1782.2	1975.9	2042.0	1745.4
40°	1826.3	1823.9	1804.3	1733.2	1664.5	1642.5	1708.7	1895.0	2154.8	2218.6	1887.6
42.5°	1961.1	1953.8	1941.5	1887.6	1823.9	1787.1	1838.6	2012.6	2304.4	2426.9	2051.9
45°	2078.8	2069.0	2071.5	2010.2	1948.9	1968.5	1968.5	2147.5	2480.9	2632.8	2240.6
47.5°	2189.1	2194.0	2186.7	2140.1	2093.5	2145.0	2118.0	2301.9	2654.9	2824.1	2400.0
50°	2316.6	2326.4	2301.9	2272.5	2230.8	2282.3	2248.0	2446.5	2767.7	2998.1	2591.2
52.5°	2436.7	2446.5	2468.6	2431.8	2390.2	2431.8	2353.4	2581.4	2917.2	3167.3	2738.3
55°	2466.1	2461.2	2583.8	2623.0	2645.1	2520.1	2446.5	2696.6	3034.9	3275.1	2905.0
57.5°	2331.3	2343.6	2510.3	2623.0	2858.4	2750.5	2551.9	2831.4	3157.5	3417.3	3059.4
60°	1995.5	2002.8	2211.2	2478.4	2821.6	2966.2	2836.3	3005.5	3292.3	3537.4	3233.4
62.5°	1333.6	1390.0	1649.8	2069.0	2561.8	3025.1	3289.8	3299.6	3456.5	3689.4	3471.2
65°	703.6	730.5	934.0	1272.3	1941.5	2821.6	3716.4	3883.1	3785.0	3968.9	3814.4
67.5°	460.9	470.7	581.0	772.2	1120.3	2059.2	3765.4	4895.5	4444.5	4500.8	4363.6
70°	343.2	348.1	429.0	571.2	693.8	1100.7	3086.4	5368.6	5366.2	5216.7	5015.6
72.5°	252.5	259.9	316.2	436.4	534.4	593.2	1735.6	4802.4	5648.1	5572.1	5054.9
75°	198.6	203.5	232.9	338.3	431.5	389.8	880.1	3557.0	4790.1	5155.4	4625.9
77.5°	161.8	166.7	183.9	245.1	345.7	301.5	421.6	2294.5	3248.2	3711.5	3539.9
80°	134.8	134.8	147.1	174.1	267.2	228.0	250.0	1289.5	1750.3	1931.7	1605.7
82.5°	115.2	112.8	122.6	127.5	198.6	164.2	161.8	583.4	769.8	816.3	603.1
85°	73.5	76.0	115.2	110.3	129.9	112.8	90.7	277.0	362.8	370.2	225.5
87.5°	29.4	29.4	49.0	61.3	73.5	68.6	44.1	125.0	159.3	159.3	63.7
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°	867.8	867.8	867.8	867.8	867.8	867.8	867.8	867.8	867.8	867.8	867.8
2.5°	875.2	865.4	858.0	853.1	840.8	828.6	831.0	828.6	818.8	813.9	813.9
5°	885.0	875.2	862.9	843.3	831.0	816.3	821.2	811.4	801.6	809.0	796.7
7.5°	909.5	892.3	875.2	845.7	826.1	804.1	794.3	789.4	782.0	777.1	777.1
10°	943.8	919.3	887.4	843.3	811.4	777.1	772.2	762.4	755.0	755.0	752.6
12.5°	978.1	951.2	897.2	826.1	772.2	747.7	745.2	747.7	752.6	755.0	757.5
15°	1022.2	978.1	894.8	794.3	740.3	730.5	742.8	752.6	762.4	772.2	769.8
17.5°	1063.9	1012.4	872.7	755.0	713.4	715.8	737.9	757.5	777.1	786.9	789.4
20°	1120.3	1044.3	840.8	708.5	686.4	708.5	737.9	762.4	784.5	796.7	799.2
22.5°	1184.0	1081.1	799.2	666.8	664.3	686.4	715.8	752.6	777.1	799.2	796.7
25°	1240.4	1105.6	745.2	632.5	637.4	652.1	686.4	725.6	750.1	774.7	767.3
27.5°	1277.2	1110.5	688.9	608.0	608.0	622.7	654.5	679.0	701.1	720.7	723.2
30°	1318.9	1100.7	625.1	576.1	576.1	595.7	608.0	622.7	634.9	639.8	644.7
32.5°	1367.9	1078.6	585.9	551.6	551.6	566.3	573.6	568.7	566.3	554.0	561.4
35°	1414.5	1046.8	541.8	519.7	529.5	536.9	534.4	519.7	505.0	482.9	475.6
37.5°	1470.9	1014.9	502.5	485.4	502.5	505.0	505.0	487.8	468.2	441.3	441.3
40°	1556.7	990.4	470.7	463.3	480.5	478.0	465.8	453.5	460.9	446.2	446.2
42.5°	1647.4	980.6	441.3	443.7	451.1	453.5	441.3	426.6	456.0	438.8	441.3
45°	1760.1	987.9	421.6	419.2	436.4	433.9	426.6	414.3	424.1	380.0	367.7
47.5°	1865.5	1002.6	411.8	402.0	421.6	426.6	416.7	389.8	375.1	348.1	343.2
50°	1961.1	1034.5	402.0	382.4	402.0	411.8	394.7	365.3	348.1	330.9	330.9
52.5°	2051.9	1081.1	397.1	360.4	377.5	389.8	380.0	350.6	330.9	323.6	316.2
55°	2145.0	1122.8	389.8	345.7	350.6	375.1	372.6	333.4	313.8	313.8	311.3
57.5°	2277.4	1179.1	380.0	321.1	330.9	357.9	357.9	326.0	304.0	306.4	308.9
60°	2412.2	1245.3	370.2	296.6	304.0	340.7	345.7	316.2	296.6	299.1	296.6
62.5°	2627.9	1367.9	350.6	267.2	281.9	318.7	330.9	304.0	286.8	291.7	291.7
65°	2954.0	1578.7	308.9	242.7	259.9	299.1	316.2	291.7	272.1	286.8	281.9
67.5°	3478.6	1868.0	259.9	223.1	245.1	279.5	299.1	277.0	259.9	281.9	274.6
70°	3949.3	2010.2	223.1	205.9	223.1	257.4	279.5	262.3	245.1	267.2	257.4
72.5°	3758.1	1576.3	193.7	186.3	203.5	232.9	259.9	242.7	225.5	237.8	228.0
75°	3243.3	1255.1	169.1	166.7	181.4	210.8	237.8	225.5	208.4	213.3	208.4
77.5°	2458.8	1037.0	144.6	142.2	154.4	188.8	213.3	203.5	186.3	183.9	183.9
80°	1098.2	509.9	120.1	120.1	127.5	161.8	181.4	176.5	159.3	156.9	154.4
82.5°	360.4	193.7	98.1	93.2	103.0	134.8	161.8	156.9	139.7	134.8	129.9
85°	144.6	93.2	71.1	71.1	80.9	112.8	144.6	134.8	112.8	100.5	100.5
87.5°	49.0	39.2	36.8	36.8	51.5	76.0	107.9	90.7	80.9	71.1	73.5
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)