

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: P674721

Luminaire Tested: **CCP-SA-2C-750-U-T3R-HSS**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P674721
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-750-U-T3R-HSS
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @615mA w/ T3R distribution lens and House Side Shield
Light Source: (32) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

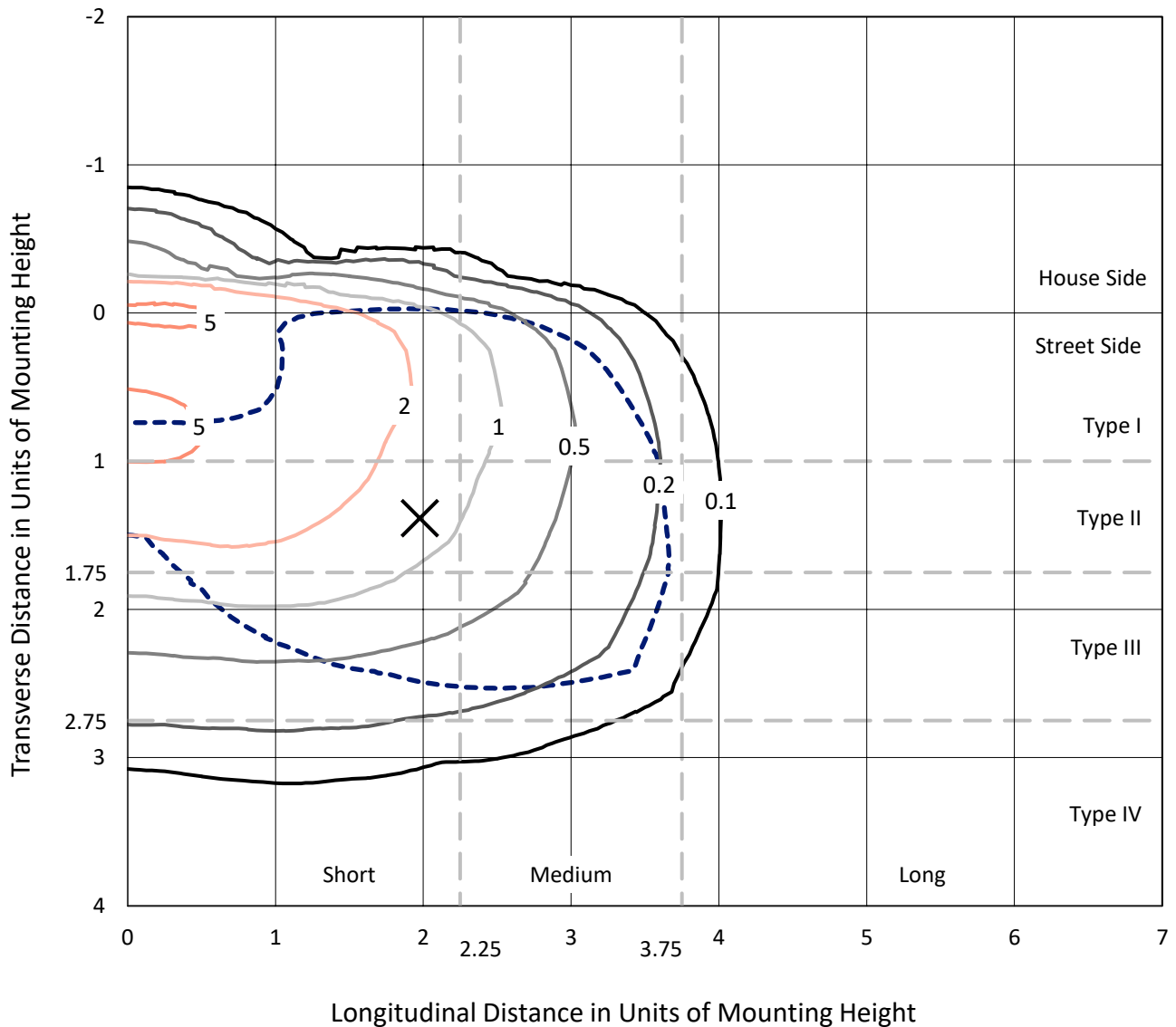
Lumens per Lamp: N/A
Luminaire Lumens: 7335 lumens
Efficiency: N/A
Efficacy: 118.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G2

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

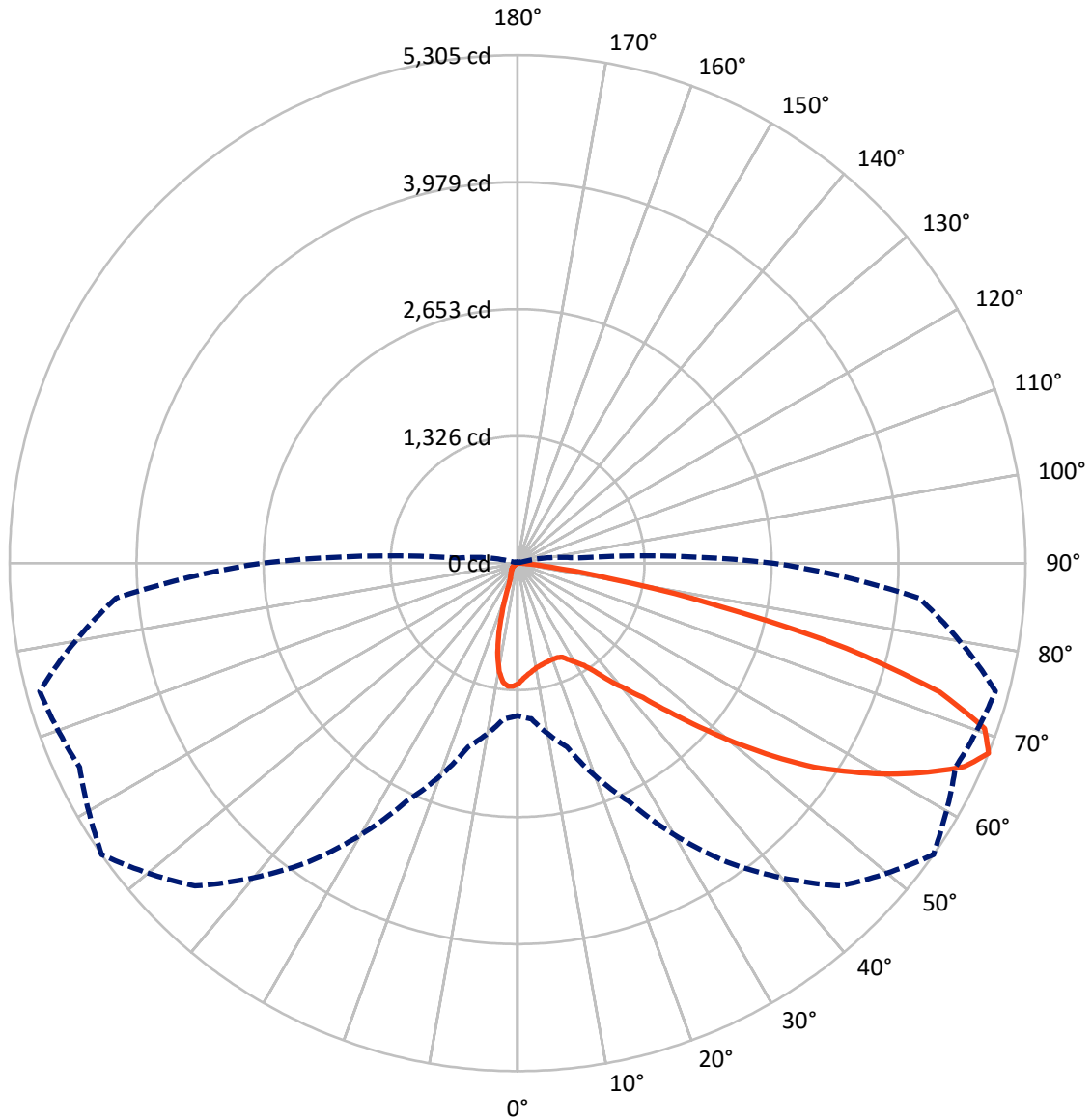
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	658.9	0.0	658.9
	% Fixture	9.0	0.0	9.0
Street Side	Lumens	6676.0	0.0	6676.0
	% Fixture	91.0	0.0	91.0
Total	Lumens	7335.0	0.0	7335.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.3	1.5
10°-20°	251.2	3.4
20°-30°	403.0	5.5
30°-40°	698.9	9.5
40°-50°	1165.4	15.9
50°-60°	1704.2	23.2
60°-70°	1987.1	27.1
70°-80°	964.4	13.1
80°-90°	50.4	0.7
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°	7335.0	100.0
0°-180°	7335.0	100.0



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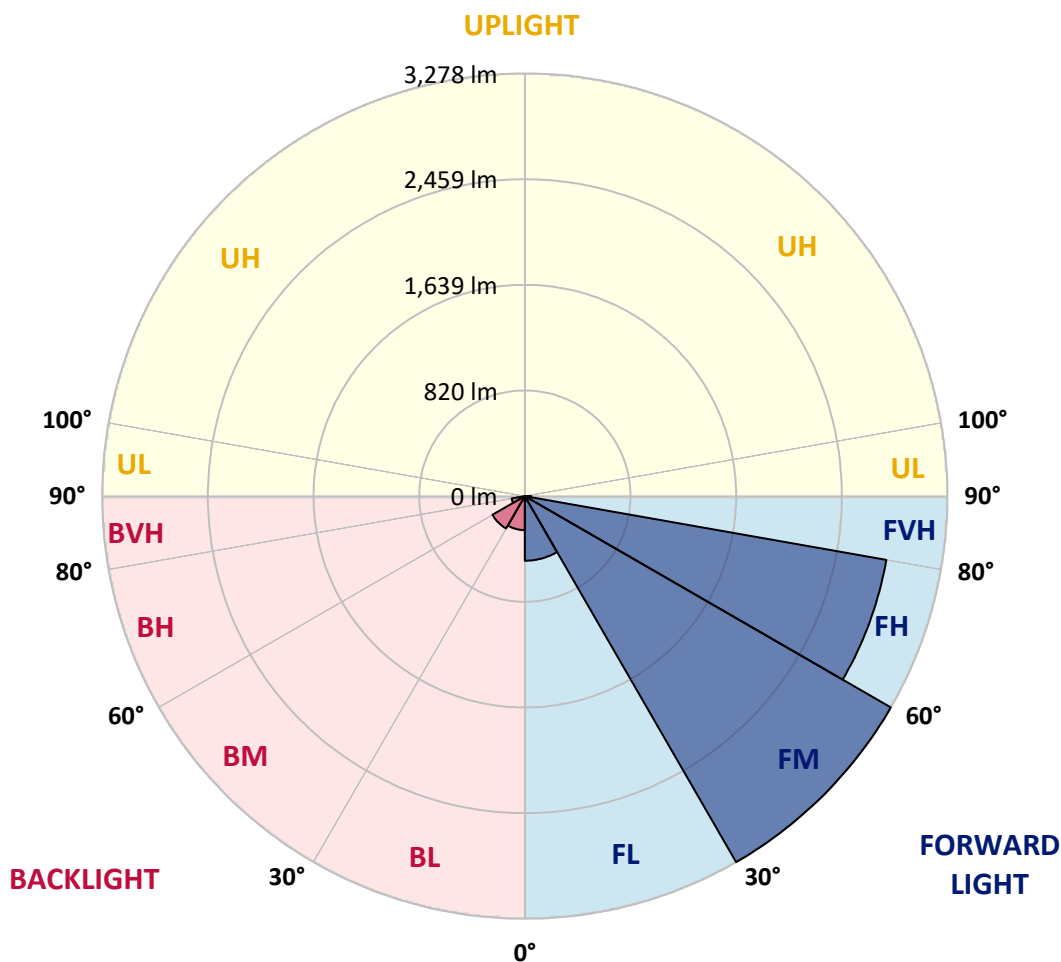
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	501.1	6.8			
FM (30°-60°)	3278.5	44.7			
FH (60°-80°)	2847.5	38.8			G2/5000
FVH (80°-90°)	48.9	0.7			G1/100
BL (0°-30°)	263.4	3.6	B1/500		
BM (30°-60°)	290.1	4.0	B1/1000		
BH (60°-80°)	103.9	1.4	B0/110		G0/110
BVH (80°-90°)	1.5	0.0			G0/10
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 Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
0°	1257.0	1257.0	1257.0	1257.0	1257.0	1257.0	1257.0	1257.0	1257.0	1257.0	1257.0
2.5°	1160.4	1167.8	1177.3	1180.6	1192.1	1208.3	1203.6	1200.2	1218.5	1243.5	1251.6
5°	1088.1	1088.7	1103.6	1114.4	1134.0	1149.5	1166.4	1165.1	1198.2	1240.8	1267.8
7.5°	1017.1	1018.4	1034.0	1050.9	1079.3	1109.7	1135.4	1134.0	1187.4	1244.2	1295.5
10°	923.8	930.6	949.5	979.2	1023.8	1071.8	1107.6	1111.0	1175.2	1257.0	1333.4
12.5°	848.8	852.2	873.1	911.7	964.4	1027.2	1094.1	1092.1	1177.9	1280.7	1382.7
15°	817.1	815.0	827.9	856.2	916.4	995.5	1080.6	1085.3	1187.4	1307.7	1434.1
17.5°	824.5	822.5	829.2	839.4	881.9	969.1	1073.2	1081.3	1202.3	1336.1	1482.0
20°	906.9	892.7	880.6	869.8	875.8	947.5	1068.5	1077.2	1211.0	1357.7	1532.7
22.5°	1065.7	1048.2	1015.7	955.6	915.7	948.8	1069.8	1081.3	1230.6	1392.8	1594.2
25°	1324.6	1307.7	1238.1	1115.1	1009.7	997.5	1088.1	1100.2	1275.9	1446.2	1659.8
27.5°	1667.2	1629.4	1544.9	1368.5	1165.1	1075.2	1142.8	1156.3	1340.1	1487.5	1704.4
30°	1951.7	1942.9	1861.9	1645.6	1379.3	1189.4	1204.3	1211.7	1369.2	1512.5	1749.0
32.5°	2247.1	2228.8	2154.5	1944.3	1628.0	1352.3	1273.2	1276.6	1407.0	1549.6	1813.9
35°	2503.9	2487.0	2424.8	2220.7	1918.6	1571.3	1387.4	1380.0	1485.4	1631.4	1901.7
37.5°	2741.8	2739.7	2685.0	2476.8	2179.5	1798.3	1555.7	1549.6	1607.7	1721.3	2020.7
40°	2974.2	2968.8	2922.2	2732.3	2436.3	2024.7	1715.9	1700.3	1711.8	1847.0	2177.5
42.5°	3116.8	3128.3	3144.5	3024.2	2741.1	2290.3	1918.6	1909.2	1907.1	2043.6	2383.6
45°	3193.9	3214.1	3309.4	3298.6	3064.1	2620.8	2207.2	2182.9	2174.8	2314.0	2619.4
47.5°	3268.9	3277.7	3433.8	3499.3	3373.6	2965.4	2555.9	2522.1	2489.0	2643.8	2901.2
50°	3273.6	3287.8	3481.1	3640.6	3633.1	3304.7	2947.2	2917.5	2879.6	3045.2	3176.3
52.5°	3207.4	3235.8	3475.0	3729.8	3794.0	3604.1	3353.4	3329.0	3297.9	3421.6	3408.1
55°	2749.9	2797.8	3356.1	3737.9	3906.8	3860.9	3761.5	3727.8	3697.3	3785.2	3635.2
57.5°	2532.3	2559.3	2995.2	3731.8	4050.8	4098.8	4115.7	4100.1	4057.6	4167.0	3872.4
60°	2401.8	2441.0	2822.9	3664.2	4206.2	4367.7	4473.9	4442.8	4390.7	4541.4	4126.5
62.5°	2245.7	2274.1	2651.2	3469.6	4298.8	4641.5	4809.7	4781.3	4673.9	4886.8	4331.9
65°	1957.8	2000.4	2378.2	3163.5	4174.5	4842.2	5126.0	5116.5	4930.0	5147.6	4388.0
67.5°	1593.6	1632.1	1984.2	2743.8	3810.9	4767.2	5305.1	5275.4	5046.3	5167.2	4210.3
70°	1196.2	1217.1	1482.7	2096.4	3122.2	4366.4	5175.3	5169.3	4869.9	4876.6	3664.9
72.5°	642.0	700.1	986.0	1403.0	2195.7	3536.5	4612.4	4588.1	4344.8	3994.0	2635.7
75°	224.4	241.3	525.1	788.0	1192.8	2355.9	3546.6	3489.9	3249.3	2597.8	1436.1
77.5°	137.9	151.4	233.2	402.8	464.3	1022.5	2130.8	2057.2	1901.7	1123.2	490.6
80°	95.3	107.5	156.1	210.9	158.1	331.1	980.6	952.9	733.3	267.6	112.9
82.5°	53.4	64.2	118.3	103.4	63.5	85.8	339.9	314.9	195.3	72.3	37.8
85°	31.1	37.2	83.1	73.0	32.4	30.4	88.5	79.1	50.7	27.0	18.2
87.5°	16.2	21.0	60.8	48.7	19.6	10.8	20.3	19.6	12.8	9.5	12.2
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°	1257.0	1257.0	1257.0	1257.0	1257.0	1257.0	1257.0	1257.0	1257.0	1257.0	1257.0
2.5°	1266.5	1263.1	1280.7	1286.7	1285.4	1282.7	1289.4	1280.7	1280.0	1278.0	1275.9
5°	1289.4	1294.8	1309.0	1309.0	1290.1	1259.0	1240.1	1214.4	1192.8	1180.0	1177.9
7.5°	1323.9	1334.7	1344.2	1315.1	1250.2	1173.2	1091.4	1027.2	971.1	942.1	939.4
10°	1372.6	1382.7	1375.3	1292.1	1152.9	993.4	860.3	726.5	659.6	623.1	623.1
12.5°	1430.7	1438.8	1393.5	1234.7	992.8	761.6	583.9	443.3	376.4	333.2	330.5
15°	1493.5	1495.6	1390.8	1134.7	794.8	511.6	335.2	246.0	217.6	211.5	210.2
17.5°	1548.3	1540.2	1362.4	986.7	572.4	304.8	212.9	192.6	187.2	187.2	187.2
20°	1599.6	1572.6	1305.7	814.3	367.0	207.5	183.1	177.7	177.7	178.4	178.4
22.5°	1656.4	1603.0	1224.6	623.1	235.9	177.7	171.7	169.0	168.3	170.3	169.6
25°	1723.3	1632.8	1108.3	430.5	182.5	165.6	162.9	160.2	160.2	160.2	160.2
27.5°	1760.5	1628.7	975.9	271.7	159.5	153.4	150.7	148.0	146.0	145.3	146.0
30°	1792.9	1605.0	802.9	189.9	143.9	137.2	135.2	131.8	127.7	126.4	126.4
32.5°	1835.5	1585.4	621.7	152.7	130.4	123.0	116.9	111.5	104.8	102.0	101.4
35°	1882.8	1549.6	455.5	134.5	118.3	108.8	99.3	90.6	81.8	79.1	78.4
37.5°	1941.6	1517.2	308.8	124.3	108.1	96.6	83.8	71.6	63.5	62.2	62.2
40°	2021.3	1490.2	213.6	115.6	98.7	85.2	69.6	56.8	51.4	50.0	50.0
42.5°	2130.1	1467.9	161.5	108.1	90.6	73.7	56.1	46.6	42.6	41.2	41.2
45°	2258.6	1433.4	136.5	101.4	82.4	62.2	46.6	39.2	37.2	37.2	37.2
47.5°	2405.9	1390.1	124.3	94.6	73.7	50.7	39.2	35.8	35.1	35.1	35.8
50°	2554.6	1338.8	115.6	86.5	63.5	43.3	35.8	33.8	33.8	34.5	34.5
52.5°	2655.3	1258.4	106.8	77.7	53.4	37.8	33.8	33.1	32.4	32.4	32.4
55°	2753.2	1188.1	94.6	68.3	44.6	35.1	32.4	31.8	31.8	31.1	31.1
57.5°	2855.3	1132.7	79.1	56.8	37.8	33.1	31.1	31.1	29.7	29.1	29.1
60°	2973.6	1084.0	60.8	44.6	33.1	31.1	29.1	28.4	27.0	25.7	25.7
62.5°	3008.0	981.3	46.0	35.8	28.4	27.0	26.4	25.0	21.6	18.9	19.6
65°	2918.1	819.8	36.5	28.4	23.0	23.0	21.0	17.6	14.2	12.2	12.2
67.5°	2670.1	612.3	29.7	22.3	18.2	17.6	14.9	12.8	8.8	7.4	7.4
70°	2200.4	404.8	24.3	17.6	14.9	12.2	10.1	9.5	6.8	5.4	5.4
72.5°	1542.2	219.6	20.3	14.2	10.8	8.1	6.8	6.1	4.7	4.1	3.4
75°	814.3	84.5	16.2	10.8	6.8	5.4	4.1	4.1	3.4	2.7	2.7
77.5°	279.1	35.8	11.5	6.1	4.7	3.4	2.7	2.0	2.7	2.0	2.0
80°	66.2	21.0	7.4	4.1	2.7	2.0	2.0	1.4	1.4	1.4	1.4
82.5°	29.1	12.2	4.7	2.7	2.7	2.0	1.4	0.7	0.7	0.7	0.7
85°	19.6	7.4	3.4	2.7	2.0	1.4	0.7	0.7	0.0	0.0	0.0
87.5°	15.5	4.7	2.7	2.7	2.0	1.4	0.7	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)