

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: P674666

Luminaire Tested: **CCP-SA-2C-722-U-T3R-HSS**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P674666
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-722-U-T3R-HSS
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @615mA w/ T3R distribution lens and House Side Shield
Light Source: (32) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

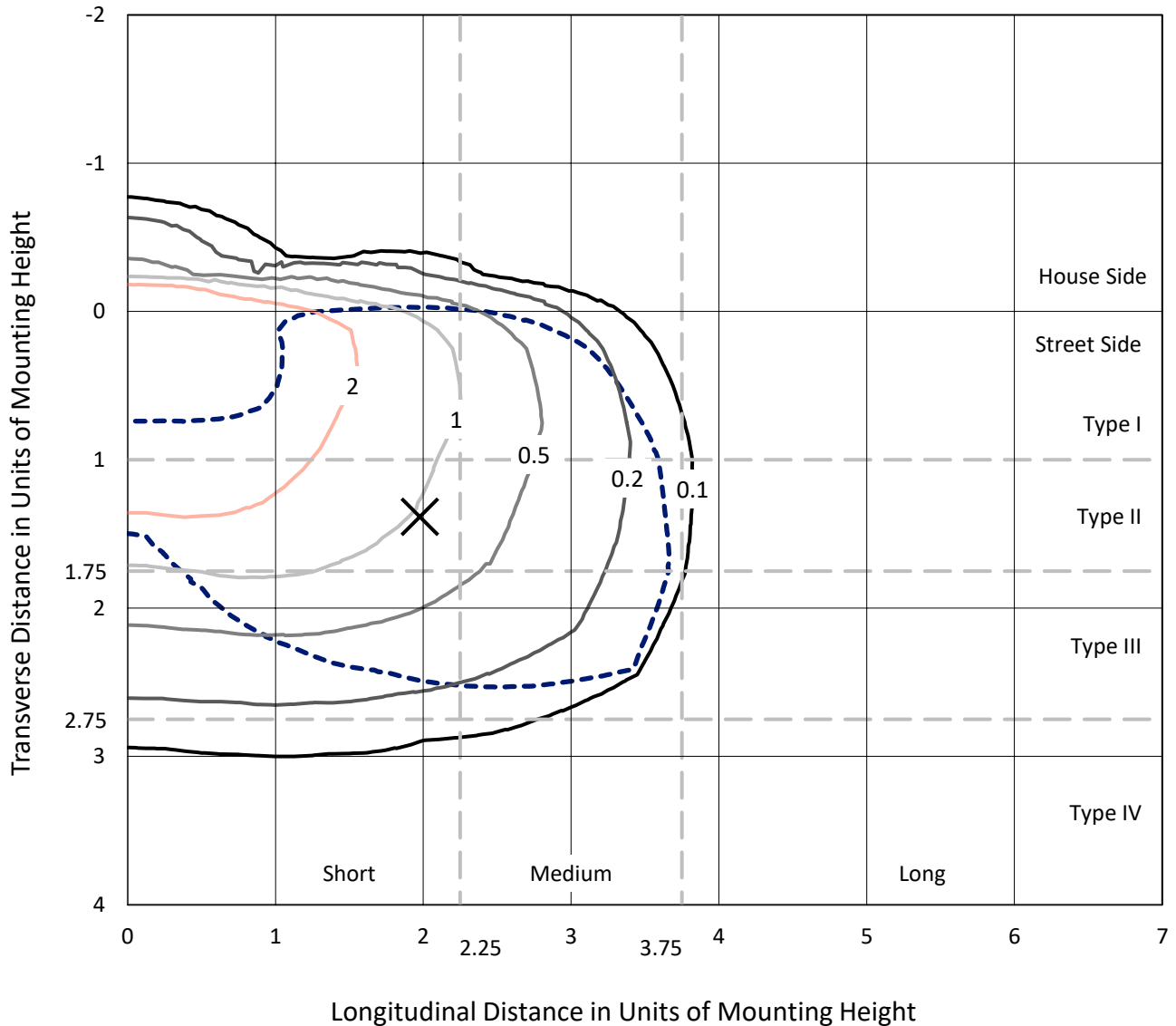
Lumens per Lamp: N/A
Luminaire Lumens: 5282 lumens
Efficiency: N/A
Efficacy: 85.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G2

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

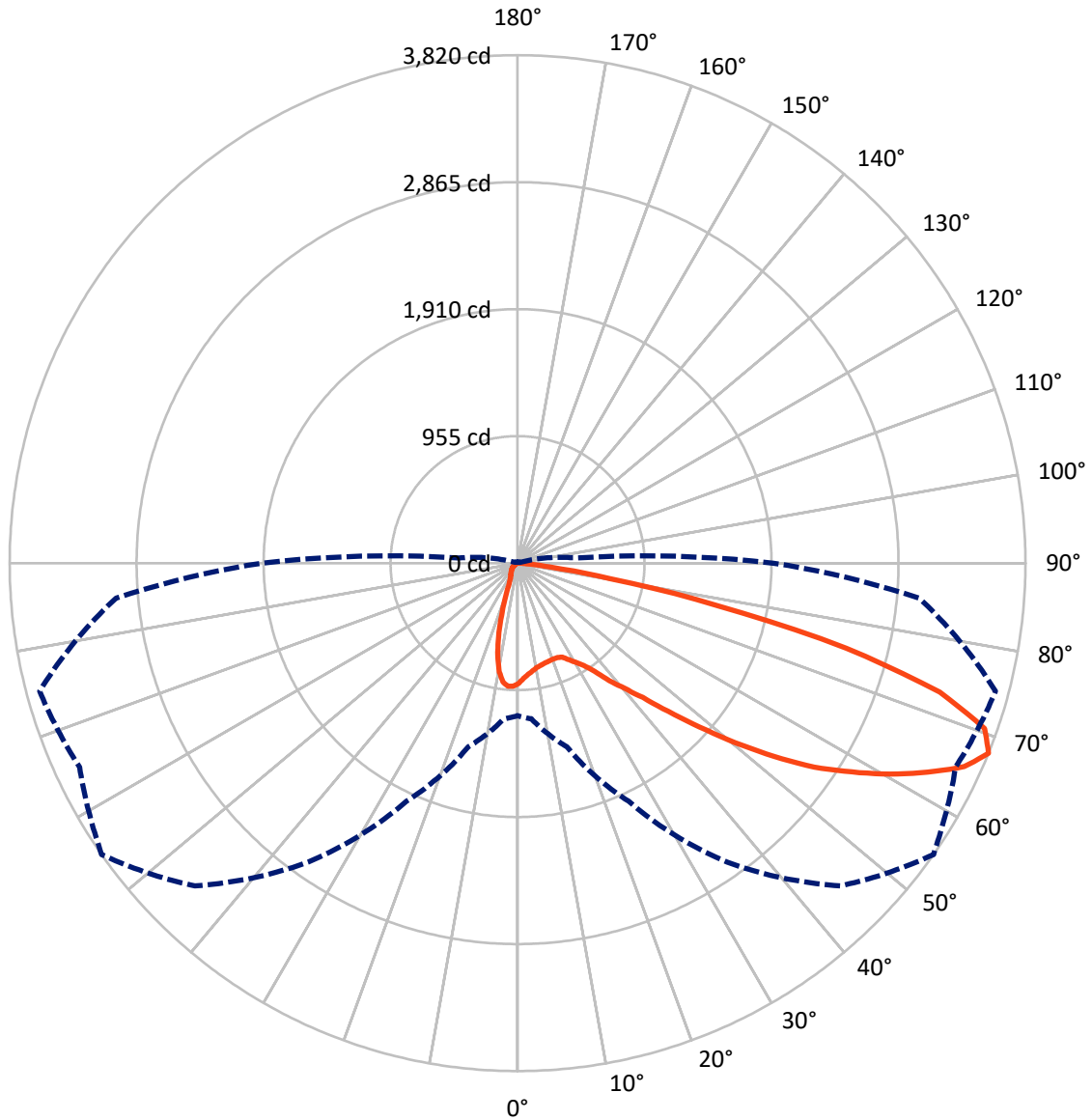
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.4 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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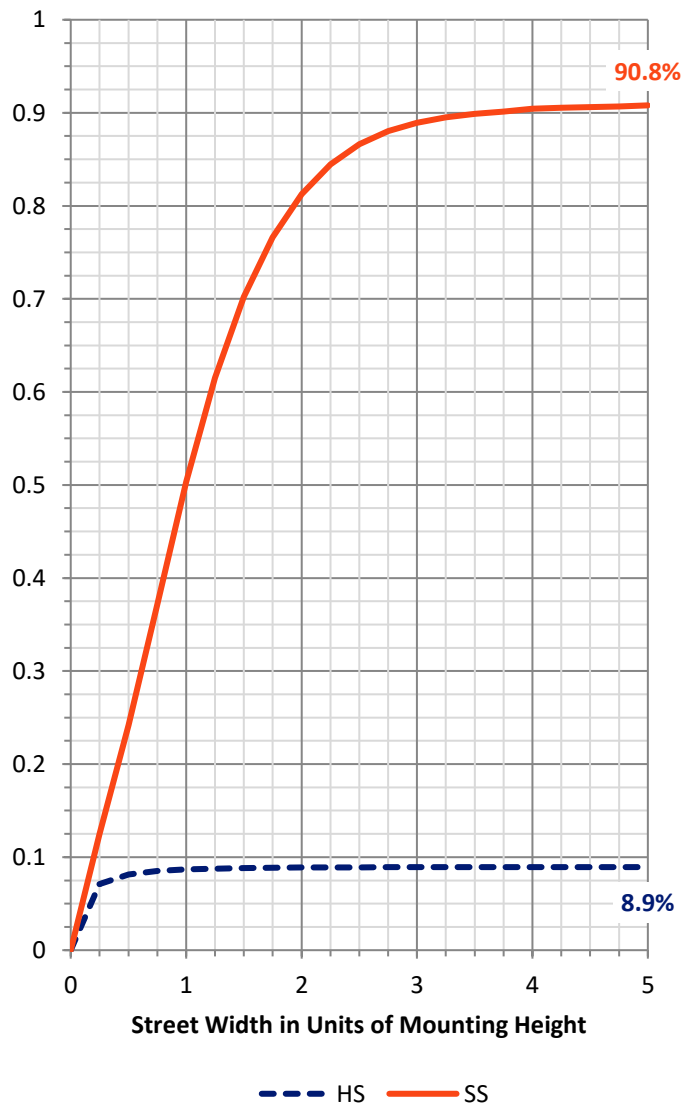
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	474.5	0.0	474.5
	% Fixture	9.0	0.0	9.0
Street Side	Lumens	4807.5	0.0	4807.5
	% Fixture	91.0	0.0	91.0
Total	Lumens	5282.0	0.0	5282.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.4	1.5
10°-20°	180.9	3.4
20°-30°	290.2	5.5
30°-40°	503.3	9.5
40°-50°	839.2	15.9
50°-60°	1227.2	23.2
60°-70°	1430.9	27.1
70°-80°	694.4	13.1
80°-90°	36.3	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°	5282.0	100.0
0°-180°	5282.0	100.0



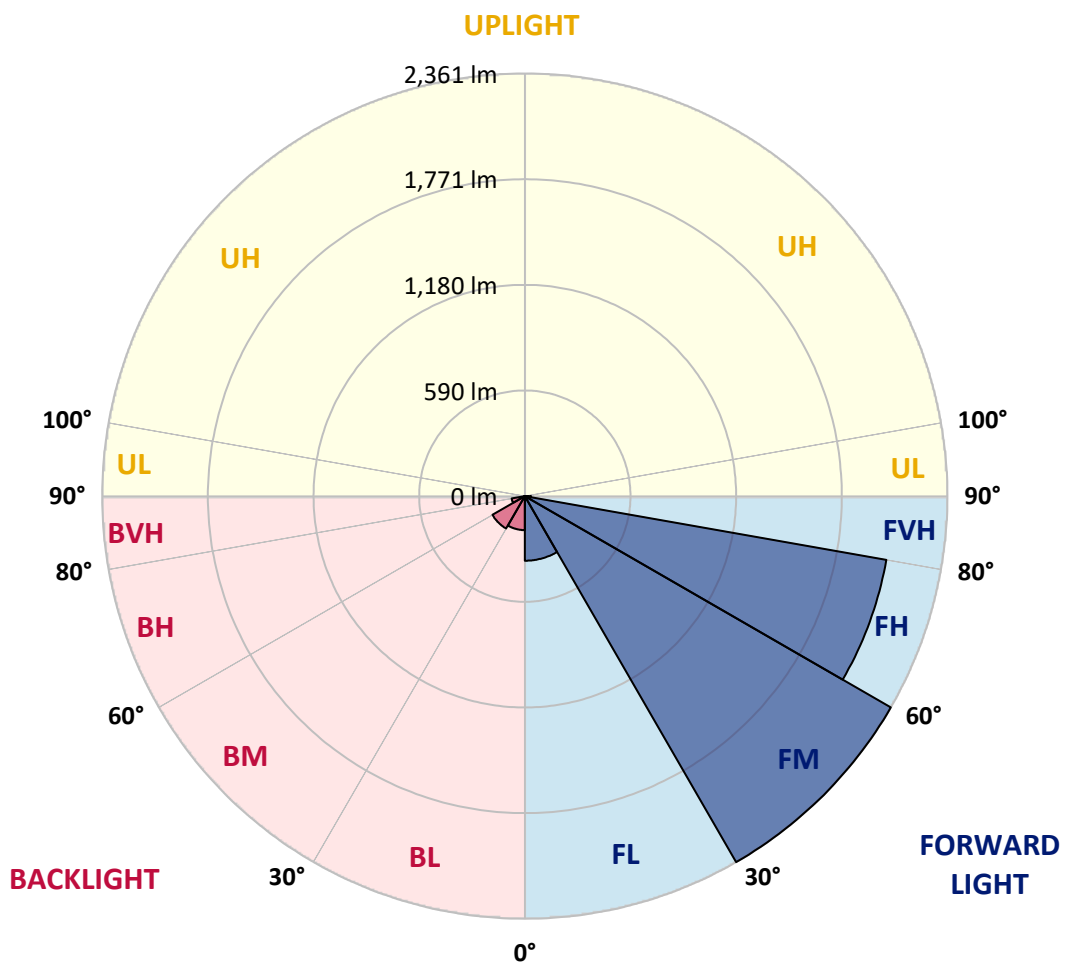
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	360.8	6.8			
FM (30°-60°)	2360.9	44.7			
FH (60°-80°)	2050.5	38.8			G2/5000
FVH (80°-90°)	35.3	0.7			G1/100
BL (0°-30°)	189.7	3.6	B1/500		
BM (30°-60°)	208.9	4.0	B0/220		
BH (60°-80°)	74.8	1.4	B0/110		G0/110
BVH (80°-90°)	1.1	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°	905.2	905.2	905.2	905.2	905.2	905.2	905.2	905.2	905.2	905.2	905.2
2.5°	835.6	840.9	847.8	850.2	858.5	870.1	866.7	864.3	877.4	895.4	901.3
5°	783.5	784.0	794.7	802.5	816.6	827.8	840.0	839.0	862.8	893.5	913.0
7.5°	732.4	733.4	744.6	756.8	777.2	799.1	817.6	816.6	855.1	895.9	932.9
10°	665.3	670.1	683.8	705.2	737.3	771.8	797.6	800.1	846.3	905.2	960.2
12.5°	611.2	613.7	628.8	656.5	694.5	739.7	787.9	786.4	848.2	922.2	995.7
15°	588.4	586.9	596.2	616.6	659.9	716.8	778.2	781.6	855.1	941.7	1032.7
17.5°	593.7	592.3	597.1	604.4	635.1	697.9	772.8	778.6	865.8	962.1	1067.2
20°	653.1	642.9	634.1	626.3	630.7	682.3	769.4	775.7	872.1	977.7	1103.7
22.5°	767.5	754.8	731.4	688.1	659.4	683.3	770.4	778.6	886.2	1003.0	1148.0
25°	953.8	941.7	891.6	803.0	727.1	718.3	783.5	792.3	918.8	1041.4	1195.2
27.5°	1200.6	1173.3	1112.5	985.5	839.0	774.3	822.9	832.7	965.0	1071.1	1227.3
30°	1405.5	1399.1	1340.7	1185.0	993.3	856.5	867.2	872.6	986.0	1089.1	1259.5
32.5°	1618.1	1605.0	1551.5	1400.1	1172.4	973.8	916.9	919.3	1013.2	1115.9	1306.2
35°	1803.1	1790.9	1746.1	1599.2	1381.6	1131.5	999.1	993.8	1069.7	1174.8	1369.4
37.5°	1974.4	1972.9	1933.5	1783.6	1569.5	1295.0	1120.3	1115.9	1157.8	1239.5	1455.1
40°	2141.8	2137.9	2104.3	1967.6	1754.4	1458.0	1235.6	1224.4	1232.7	1330.0	1568.0
42.5°	2244.5	2252.7	2264.4	2177.8	1973.9	1649.3	1381.6	1374.8	1373.3	1471.6	1716.4
45°	2299.9	2314.5	2383.2	2375.4	2206.5	1887.3	1589.4	1571.9	1566.1	1666.3	1886.3
47.5°	2354.0	2360.3	2472.7	2519.9	2429.4	2135.4	1840.5	1816.2	1792.4	1903.8	2089.2
50°	2357.4	2367.6	2506.8	2621.6	2616.3	2379.7	2122.3	2100.9	2073.6	2192.9	2287.3
52.5°	2309.7	2330.1	2502.4	2685.9	2732.1	2595.3	2414.8	2397.3	2374.9	2463.9	2454.2
55°	1980.2	2014.8	2416.7	2691.7	2813.4	2780.3	2708.7	2684.4	2662.5	2725.8	2617.7
57.5°	1823.5	1843.0	2156.9	2687.3	2917.0	2951.6	2963.7	2952.5	2921.9	3000.7	2788.5
60°	1729.6	1757.8	2032.8	2638.6	3028.9	3145.3	3221.7	3199.3	3161.8	3270.3	2971.5
62.5°	1617.2	1637.6	1909.2	2498.5	3095.6	3342.4	3463.5	3443.1	3365.7	3519.0	3119.5
65°	1409.8	1440.5	1712.5	2278.0	3006.1	3486.9	3691.3	3684.5	3550.2	3706.9	3159.9
67.5°	1147.5	1175.3	1428.8	1975.8	2744.3	3432.9	3820.2	3798.8	3633.9	3721.0	3031.9
70°	861.4	876.5	1067.7	1509.6	2248.4	3144.3	3726.8	3722.4	3506.8	3511.7	2639.1
72.5°	462.3	504.2	710.0	1010.3	1581.1	2546.7	3321.4	3303.9	3128.7	2876.1	1898.0
75°	161.6	173.7	378.1	567.4	858.9	1696.5	2554.0	2513.1	2339.8	1870.7	1034.1
77.5°	99.3	109.0	167.9	290.0	334.3	736.3	1534.4	1481.4	1369.4	808.8	353.3
80°	68.6	77.4	112.4	151.8	113.9	238.5	706.1	686.2	528.0	192.7	81.3
82.5°	38.4	46.2	85.2	74.5	45.7	61.8	244.8	226.8	140.6	52.1	27.3
85°	22.4	26.8	59.9	52.6	23.4	21.9	63.8	56.9	36.5	19.5	13.1
87.5°	11.7	15.1	43.8	35.0	14.1	7.8	14.6	14.1	9.2	6.8	8.8
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°	905.2	905.2	905.2	905.2	905.2	905.2	905.2	905.2	905.2	905.2	905.2
2.5°	912.0	909.6	922.2	926.6	925.6	923.7	928.5	922.2	921.7	920.3	918.8
5°	928.5	932.4	942.7	942.7	929.0	906.6	893.0	874.5	858.9	849.7	848.2
7.5°	953.4	961.1	968.0	947.0	900.3	844.8	785.9	739.7	699.3	678.4	676.5
10°	988.4	995.7	990.3	930.5	830.2	715.4	619.5	523.2	475.0	448.7	448.7
12.5°	1030.3	1036.1	1003.5	889.1	714.9	548.5	420.5	319.2	271.1	239.9	238.0
15°	1075.5	1077.0	1001.5	817.1	572.3	368.4	241.4	177.1	156.7	152.3	151.4
17.5°	1114.9	1109.1	981.1	710.5	412.2	219.5	153.3	138.7	134.8	134.8	134.8
20°	1151.9	1132.4	940.2	586.4	264.3	149.4	131.9	128.0	128.0	128.5	128.5
22.5°	1192.8	1154.3	881.8	448.7	169.8	128.0	123.6	121.7	121.2	122.6	122.2
25°	1241.0	1175.8	798.1	310.0	131.4	119.2	117.3	115.3	115.3	115.3	115.3
27.5°	1267.7	1172.8	702.7	195.6	114.9	110.5	108.5	106.6	105.1	104.6	105.1
30°	1291.1	1155.8	578.1	136.8	103.7	98.8	97.3	94.9	92.0	91.0	91.0
32.5°	1321.8	1141.7	447.7	110.0	93.9	88.6	84.2	80.3	75.4	73.5	73.0
35°	1355.8	1115.9	328.0	96.8	85.2	78.4	71.5	65.2	58.9	56.9	56.5
37.5°	1398.2	1092.5	222.4	89.5	77.9	69.6	60.3	51.6	45.7	44.8	44.8
40°	1455.6	1073.1	153.8	83.2	71.1	61.3	50.1	40.9	37.0	36.0	36.0
42.5°	1533.9	1057.0	116.3	77.9	65.2	53.0	40.4	33.6	30.7	29.7	29.7
45°	1626.4	1032.2	98.3	73.0	59.4	44.8	33.6	28.2	26.8	26.8	26.8
47.5°	1732.5	1001.1	89.5	68.1	53.0	36.5	28.2	25.8	25.3	25.3	25.8
50°	1839.6	964.1	83.2	62.3	45.7	31.1	25.8	24.3	24.3	24.8	24.8
52.5°	1912.1	906.2	76.9	56.0	38.4	27.3	24.3	23.8	23.4	23.4	23.4
55°	1982.6	855.5	68.1	49.2	32.1	25.3	23.4	22.9	22.9	22.4	22.4
57.5°	2056.1	815.6	56.9	40.9	27.3	23.8	22.4	22.4	21.4	20.9	20.9
60°	2141.3	780.6	43.8	32.1	23.8	22.4	20.9	20.4	19.5	18.5	18.5
62.5°	2166.1	706.6	33.1	25.8	20.4	19.5	19.0	18.0	15.6	13.6	14.1
65°	2101.4	590.3	26.3	20.4	16.5	16.5	15.1	12.7	10.2	8.8	8.8
67.5°	1922.8	440.9	21.4	16.1	13.1	12.7	10.7	9.2	6.3	5.4	5.4
70°	1584.6	291.5	17.5	12.7	10.7	8.8	7.3	6.8	4.9	3.9	3.9
72.5°	1110.5	158.2	14.6	10.2	7.8	5.8	4.9	4.4	3.4	2.9	2.4
75°	586.4	60.8	11.7	7.8	4.9	3.9	2.9	2.9	2.4	1.9	1.9
77.5°	201.0	25.8	8.3	4.4	3.4	2.4	1.9	1.5	1.9	1.5	1.5
80°	47.7	15.1	5.4	2.9	1.9	1.5	1.5	1.0	1.0	1.0	1.0
82.5°	20.9	8.8	3.4	1.9	1.9	1.5	1.0	0.5	0.5	0.5	0.5
85°	14.1	5.4	2.4	1.9	1.5	1.0	0.5	0.5	0.0	0.0	0.0
87.5°	11.2	3.4	1.9	1.9	1.5	1.0	0.5	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)