

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: P671348

Luminaire Tested: **CCP-SA-1C-722-U-SL3**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P671348
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-722-U-SL3
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ SL3 distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

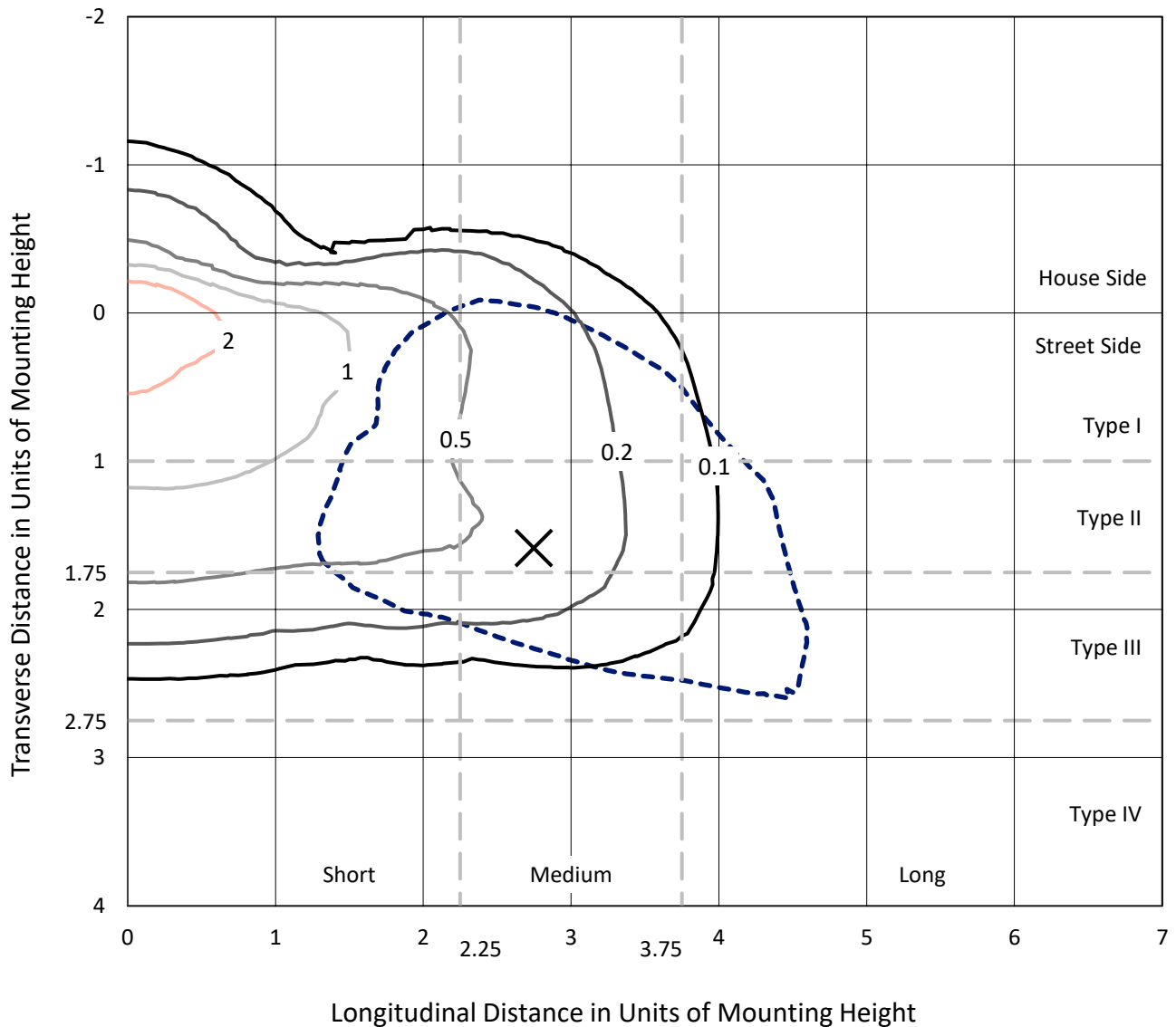
Lumens per Lamp: N/A
Luminaire Lumens: 3292.8 lumens
Efficiency: N/A
Efficacy: 102.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

Input Watts (W): 32
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

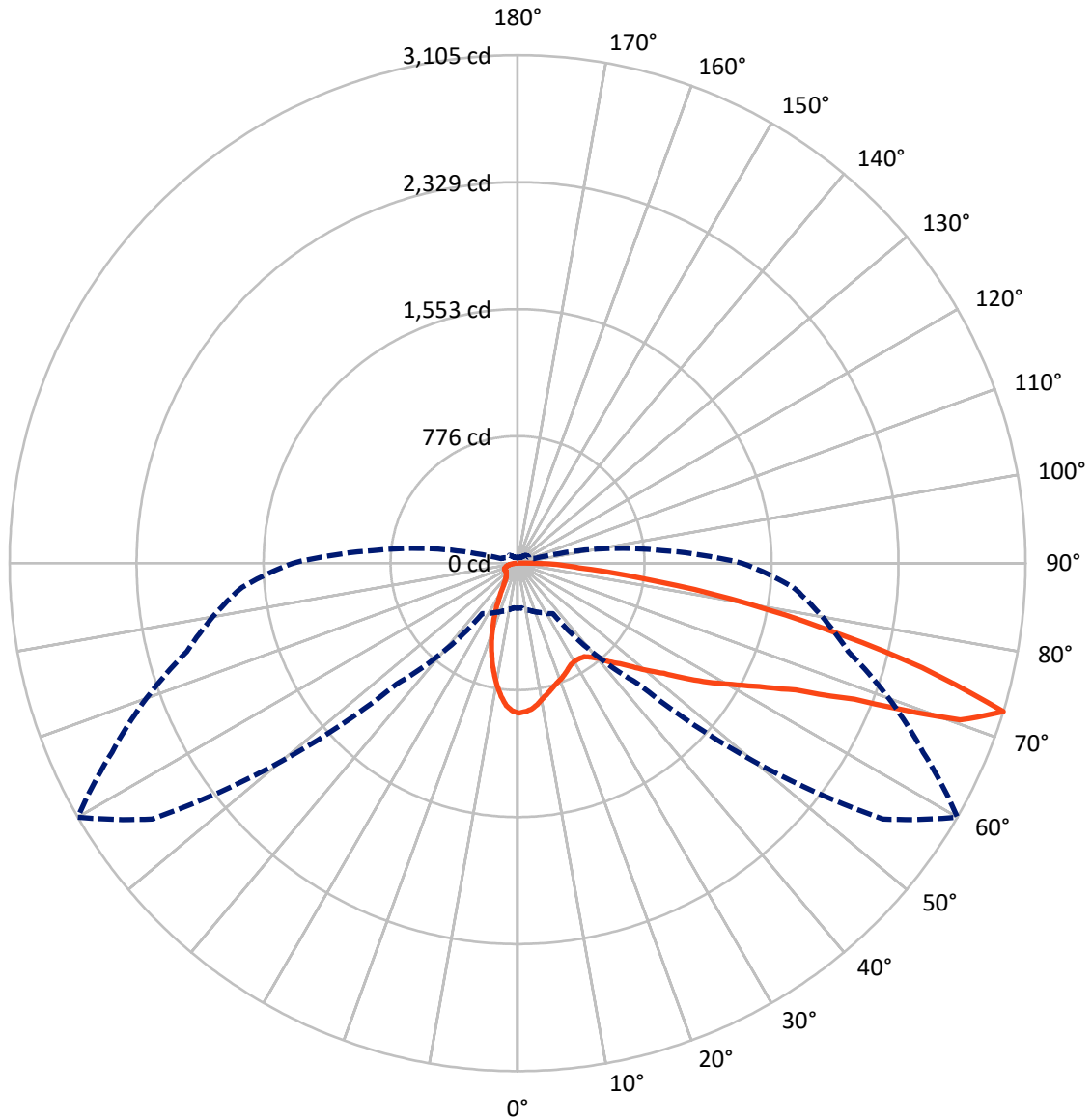
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.1 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	565.6	0.0	565.6
	% Fixture	17.2	0.0	17.2
Street Side	Lumens	2727.2	0.0	2727.2
	% Fixture	82.8	0.0	82.8
Total	Lumens	3292.8	0.0	3292.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.5	2.4
10°-20°	180.2	5.5
20°-30°	230.6	7.0
30°-40°	295.1	9.0
40°-50°	404.7	12.3
50°-60°	585.3	17.8
60°-70°	803.0	24.4
70°-80°	602.5	18.3
80°-90°	112.0	3.4
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°	3292.8	100.0
0°-180°	3292.8	100.0



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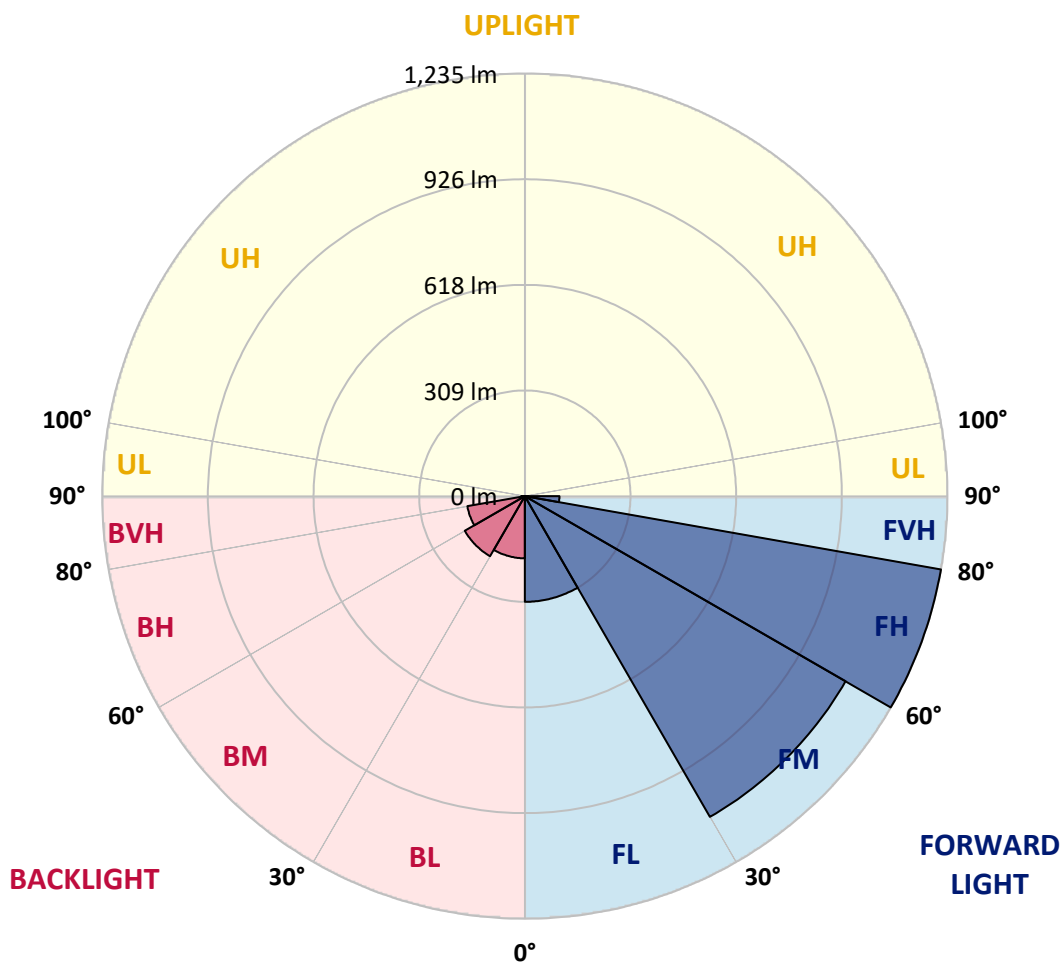
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	308.8	9.4			
FM (30°-60°)	1082.3	32.9			
FH (60°-80°)	1235.0	37.5			G1/1800
FVH (80°-90°)	101.1	3.1			G2/225
BL (0°-30°)	181.6	5.5	B1/500		
BM (30°-60°)	202.7	6.2	B0/220		
BH (60°-80°)	170.5	5.2	B1/500		G1/500
BVH (80°-90°)	10.9	0.3			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°	60°	65°	75°	85°
0°	916.9	916.9	916.9	916.9	916.9	916.9	916.9	916.9	916.9	916.9	916.9
2.5°	897.3	905.9	908.3	908.3	915.7	907.1	919.4	909.5	912.0	915.7	913.2
5°	854.4	869.1	860.5	876.4	870.3	881.4	896.1	896.1	892.4	899.7	893.6
7.5°	812.7	807.8	822.5	822.5	832.3	847.0	859.3	871.5	872.8	875.2	874.0
10°	756.3	762.4	769.8	779.6	791.9	806.6	832.3	842.1	844.6	859.3	855.6
12.5°	709.7	718.3	723.2	742.8	753.9	774.7	804.1	817.6	818.8	839.7	839.7
15°	675.4	680.3	691.4	698.7	723.2	752.6	780.8	793.1	806.6	828.6	822.5
17.5°	652.1	658.3	663.2	673.0	696.3	720.8	764.9	772.3	788.2	820.1	812.7
20°	638.6	639.9	647.2	653.4	674.2	697.5	736.7	756.3	777.2	805.4	798.0
22.5°	641.1	636.2	635.0	643.5	647.2	669.3	717.1	737.9	767.4	800.4	788.2
25°	646.0	647.2	644.8	637.4	638.6	658.3	690.1	717.1	750.2	799.2	774.7
27.5°	658.3	664.4	654.6	647.2	639.9	647.2	680.3	699.9	736.7	805.4	773.5
30°	670.5	676.6	674.2	663.2	648.4	646.0	669.3	693.8	729.4	810.3	773.5
32.5°	688.9	697.5	688.9	692.6	675.4	664.4	673.0	695.0	736.7	827.4	774.7
35°	709.7	717.1	719.5	711.0	707.3	686.4	691.4	702.4	744.1	847.0	787.0
37.5°	733.0	741.6	749.0	750.2	737.9	725.7	723.2	729.4	762.4	881.4	800.4
40°	749.0	753.9	768.6	780.8	784.5	767.4	766.1	766.1	795.5	912.0	825.0
42.5°	775.9	773.5	794.3	816.4	822.5	812.7	815.2	825.0	842.1	956.1	864.2
45°	789.4	787.0	811.5	848.3	876.4	871.5	874.0	877.7	893.6	1026.0	930.4
47.5°	807.8	810.3	845.8	887.5	916.9	934.1	947.5	946.3	958.6	1097.1	1003.9
50°	826.2	831.1	874.0	918.1	969.6	999.0	1018.6	1032.1	1044.4	1171.9	1088.5
52.5°	861.7	866.6	914.4	962.3	1028.4	1071.3	1120.4	1119.2	1120.4	1246.6	1173.1
55°	913.2	914.4	942.6	997.8	1087.3	1165.7	1233.2	1240.5	1219.7	1339.8	1269.9
57.5°	972.1	977.0	1001.5	1043.2	1133.9	1256.4	1359.4	1374.1	1317.7	1415.8	1358.2
60°	1027.2	1030.9	1068.9	1116.7	1214.8	1370.4	1486.9	1504.1	1442.8	1509.0	1450.1
62.5°	964.7	983.1	1050.5	1159.6	1357.0	1543.3	1648.7	1659.7	1564.1	1603.3	1548.2
65°	772.3	784.5	881.4	1057.9	1366.8	1857.1	1898.8	1869.3	1730.8	1724.7	1696.5
67.5°	430.3	440.1	506.3	691.4	1151.0	1974.8	2436.9	2221.2	1989.5	1907.3	1897.5
70°	339.5	342.0	350.6	388.6	638.6	1740.6	2861.0	2870.8	2412.4	2158.6	1940.4
72.5°	275.8	274.6	300.3	333.4	377.5	1044.4	2727.4	3105.0	2736.0	2092.4	1690.4
75°	210.8	214.5	247.6	295.4	345.7	491.5	2034.8	2554.6	2563.1	1950.2	1425.6
77.5°	160.6	161.8	198.6	261.1	338.3	346.9	1327.5	1903.7	1912.2	1510.2	785.7
80°	120.1	120.1	150.8	220.6	329.7	319.9	817.6	1320.2	1195.2	530.8	171.6
82.5°	68.6	73.5	100.5	167.9	299.1	307.7	460.9	756.3	505.0	144.6	79.7
85°	36.8	38.0	61.3	112.8	246.4	294.2	351.8	376.3	201.0	77.2	36.8
87.5°	13.5	13.5	28.2	57.6	155.7	218.2	279.5	240.3	115.2	35.5	18.4
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°	916.9	916.9	916.9	916.9	916.9	916.9	916.9	916.9	916.9	916.9	916.9
2.5°	915.7	910.8	907.1	910.8	897.3	891.2	898.5	894.8	887.5	883.8	881.4
5°	897.3	891.2	885.0	881.4	866.6	851.9	844.6	829.9	817.6	821.3	813.9
7.5°	877.7	871.5	853.2	836.0	806.6	777.2	763.7	742.8	735.5	729.4	725.7
10°	853.2	842.1	813.9	779.6	736.7	703.6	669.3	644.8	619.0	608.0	611.7
12.5°	822.5	816.4	772.3	719.5	659.5	604.3	563.9	524.6	490.3	471.9	467.0
15°	809.0	790.6	726.9	657.0	581.0	512.4	452.3	383.7	343.2	323.6	323.6
17.5°	794.3	760.0	684.0	588.4	501.4	413.1	328.5	266.0	234.1	223.1	223.1
20°	771.0	733.0	633.7	523.4	418.0	311.4	235.4	201.0	191.2	183.9	185.1
22.5°	753.9	707.3	587.2	459.7	331.0	231.7	185.1	174.1	170.4	167.9	169.2
25°	734.3	676.6	538.1	391.0	259.9	182.6	160.6	155.7	158.1	159.4	159.4
27.5°	718.3	650.9	487.9	317.5	196.1	154.5	144.6	143.4	148.3	150.8	152.0
30°	707.3	627.6	438.8	250.1	156.9	137.3	132.4	132.4	138.5	141.0	142.2
32.5°	696.3	608.0	386.1	191.2	133.6	122.6	121.4	122.6	126.3	126.3	127.5
35°	699.9	589.6	335.9	154.5	120.1	112.8	112.8	112.8	114.0	115.2	115.2
37.5°	707.3	584.7	281.9	129.9	110.3	105.4	105.4	104.2	105.4	104.2	105.4
40°	714.6	577.4	232.9	115.2	104.2	100.5	99.3	96.8	95.6	95.6	96.8
42.5°	745.3	587.2	191.2	105.4	99.3	96.8	93.2	90.7	89.5	89.5	89.5
45°	784.5	605.5	158.1	100.5	95.6	89.5	87.0	85.8	83.4	84.6	85.8
47.5°	843.4	633.7	138.5	96.8	91.9	84.6	82.1	79.7	79.7	82.1	82.1
50°	920.6	680.3	126.3	93.2	88.3	80.9	77.2	76.0	76.0	79.7	79.7
52.5°	1003.9	734.3	121.4	91.9	84.6	77.2	73.5	72.3	72.3	77.2	77.2
55°	1087.3	800.4	125.0	91.9	82.1	73.5	69.9	67.4	68.6	72.3	72.3
57.5°	1179.2	871.5	143.4	91.9	79.7	72.3	67.4	63.7	65.0	66.2	66.2
60°	1279.7	964.7	175.3	91.9	78.5	69.9	63.7	58.8	58.8	60.1	60.1
62.5°	1381.5	1056.6	220.6	93.2	79.7	68.6	58.8	53.9	52.7	53.9	53.9
65°	1515.1	1203.7	266.0	93.2	83.4	66.2	55.2	49.0	47.8	47.8	49.0
67.5°	1702.6	1309.2	205.9	89.5	85.8	66.2	51.5	45.4	42.9	42.9	42.9
70°	1603.3	1104.4	131.2	83.4	82.1	68.6	49.0	41.7	39.2	38.0	38.0
72.5°	1372.9	883.8	105.4	78.5	76.0	67.4	46.6	39.2	35.5	34.3	34.3
75°	1100.8	697.5	91.9	71.1	66.2	56.4	42.9	35.5	33.1	30.6	30.6
77.5°	539.4	291.7	69.9	62.5	56.4	42.9	38.0	33.1	29.4	27.0	27.0
80°	134.8	101.7	51.5	49.0	41.7	33.1	30.6	28.2	25.7	23.3	23.3
82.5°	72.3	60.1	36.8	33.1	28.2	23.3	23.3	22.1	20.8	18.4	17.2
85°	36.8	35.5	24.5	22.1	18.4	14.7	15.9	15.9	14.7	11.0	11.0
87.5°	19.6	19.6	12.3	9.8	8.6	7.4	7.4	7.4	6.1	4.9	4.9
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)