

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: P674936

Luminaire Tested: **CCW-SA-1C-722-U-T3**

Issue Date: 04/25/2023



Test Information

Test Method: LM-79-08
Report Number: P674936
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/25/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCW-SA-1C-722-U-T3
Description: INVUE CLEAR CURVE Wall Pack MOUNT LIGHT SQUARE LUMINAIRE @615mA w/
T3 distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3365 lumens
Efficiency: N/A
Efficacy: 105.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

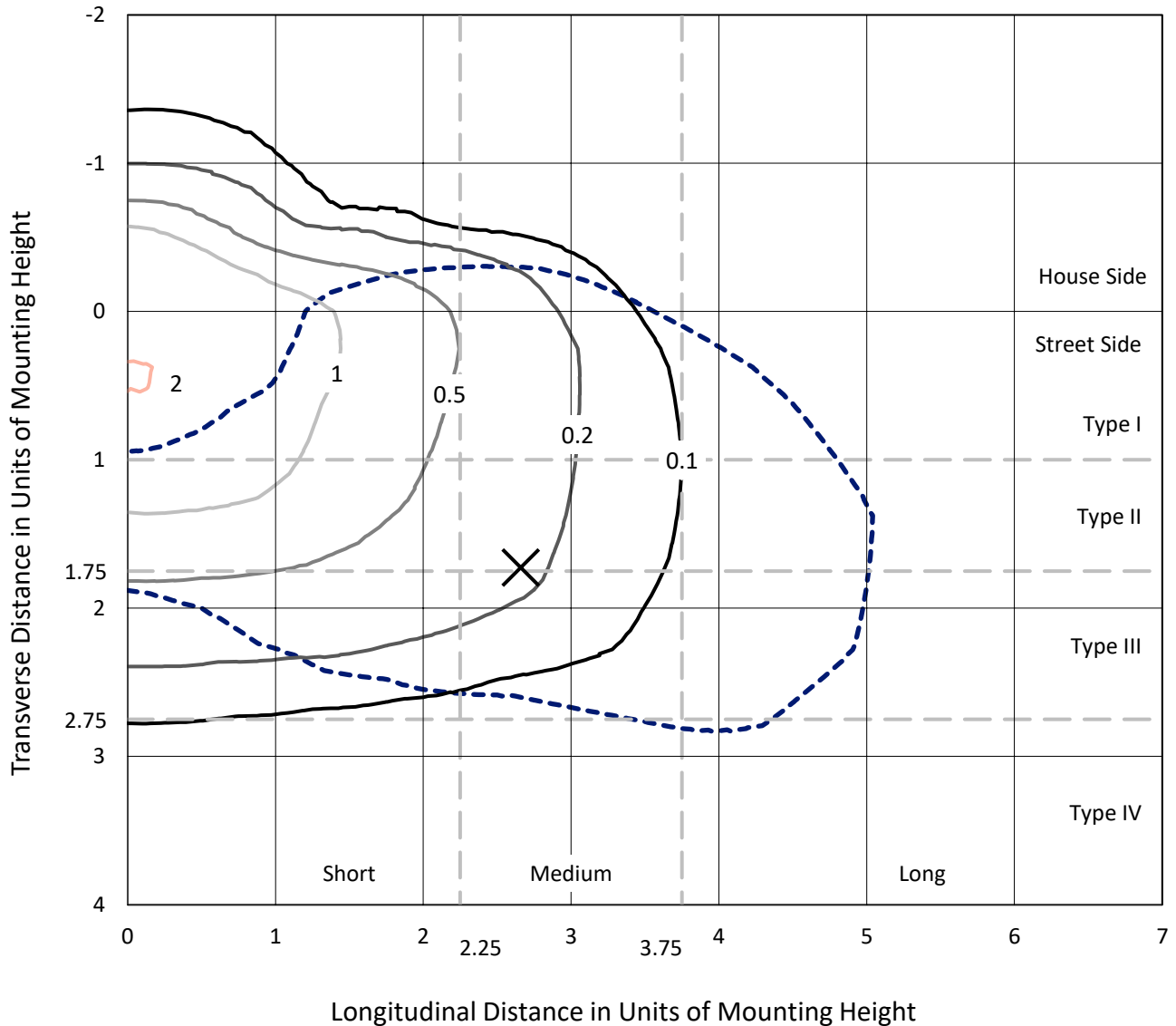
Input Watts (W): 32
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

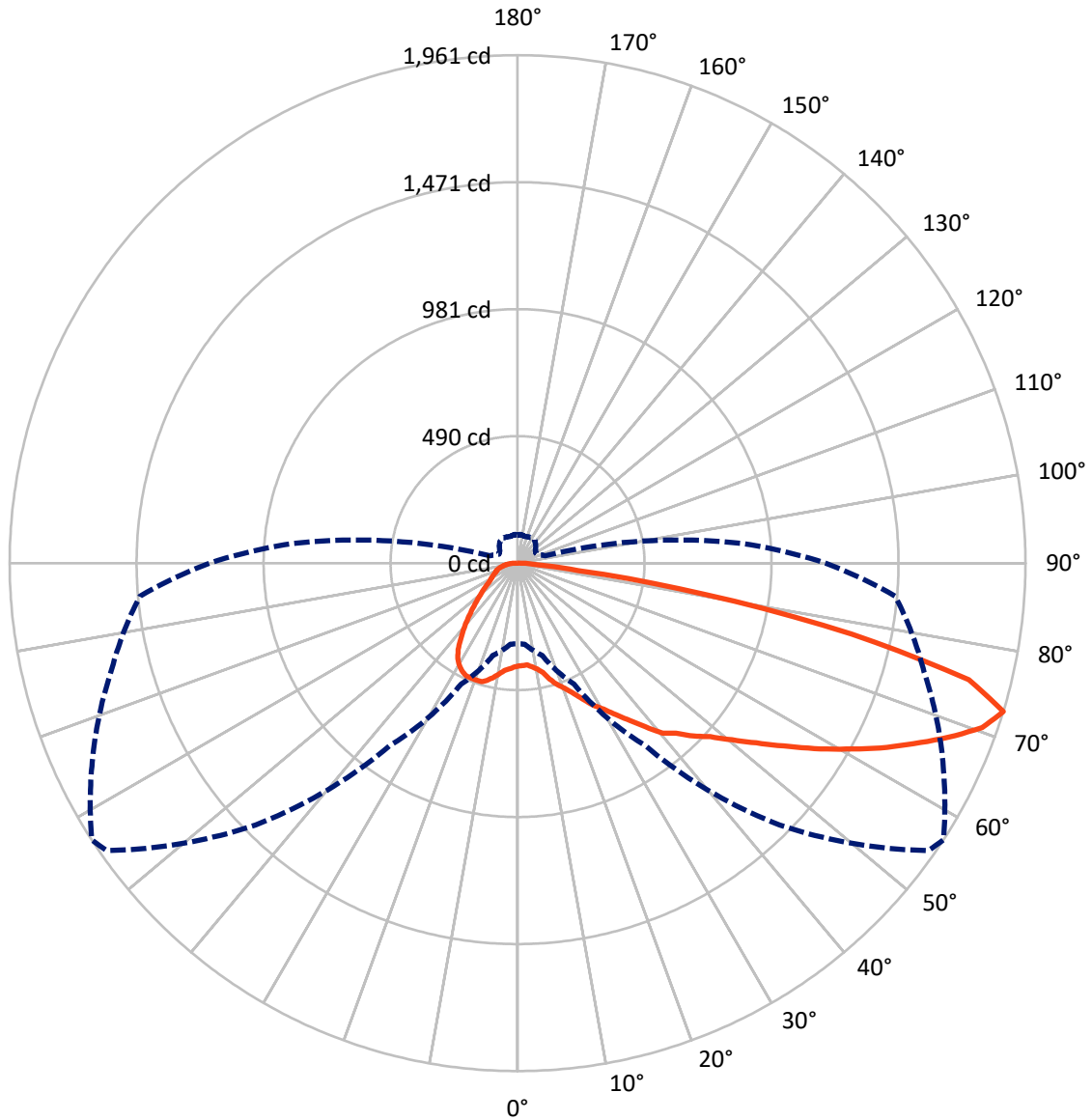
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 57-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	785.8	0.0	785.8
	% Fixture	23.4	0.0	23.4
Street Side	Lumens	2579.1	0.0	2579.1
	% Fixture	76.6	0.0	76.6
Total	Lumens	3365.0	0.0	3365.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.4	1.2
10°-20°	132.9	3.9
20°-30°	242.9	7.2
30°-40°	356.3	10.6
40°-50°	490.6	14.6
50°-60°	672.8	20.0
60°-70°	811.0	24.1
70°-80°	540.3	16.1
80°-90°	78.7	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°	3365.0	100.0
0°-180°	3365.0	100.0



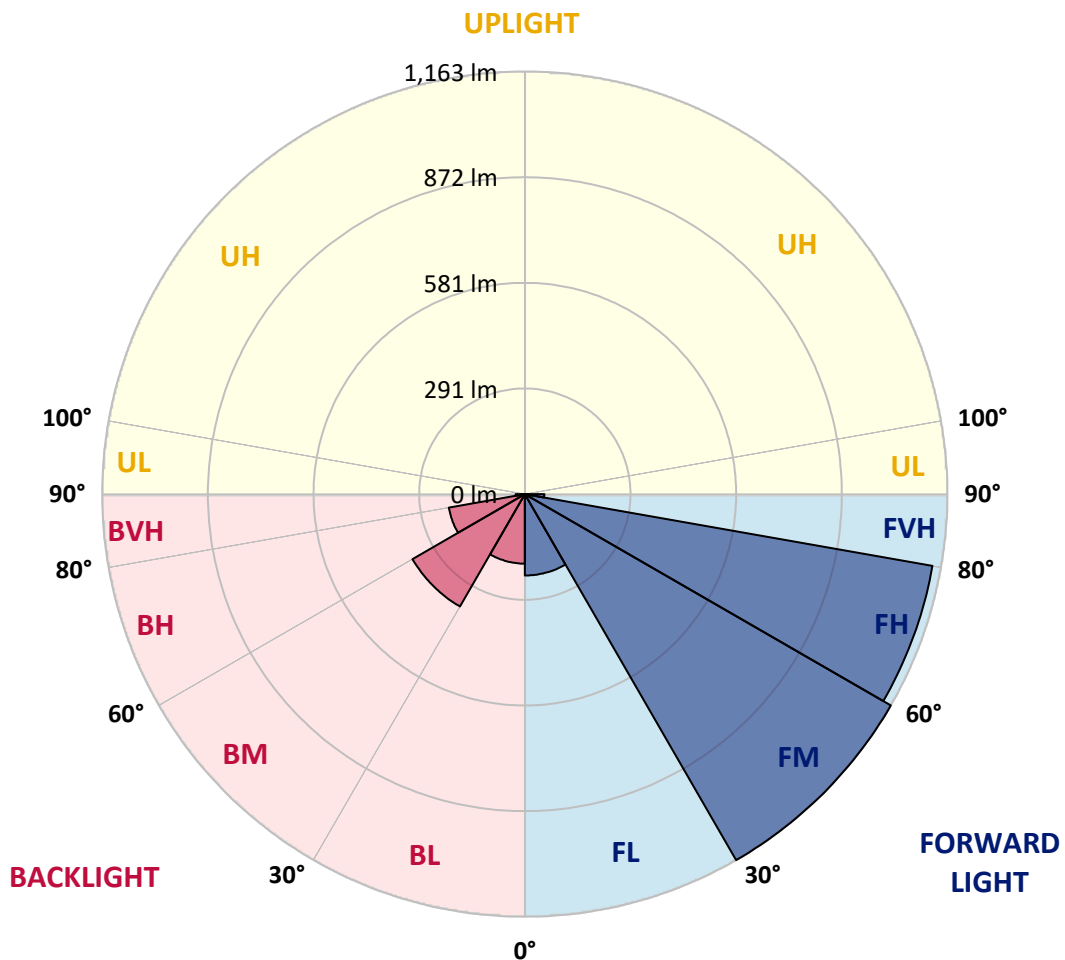
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	223.9	6.7			
FM (30°-60°)	1162.9	34.6			
FH (60°-80°)	1138.8	33.8			G1/1800
FVH (80°-90°)	53.6	1.6			G1/100
BL (0°-30°)	191.3	5.7	B1/500		
BM (30°-60°)	356.9	10.6	B1/1000		
BH (60°-80°)	212.5	6.3	B1/500		G1/500
BVH (80°-90°)	25.1	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-G1

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	397.2	397.2	397.2	397.2	397.2	397.2	397.2	397.2	397.2	397.2	397.2
2.5°	389.8	391.0	393.5	392.3	392.3	388.6	394.7	395.9	393.5	394.7	397.2
5°	389.8	392.3	395.9	393.5	394.7	393.5	391.0	394.7	394.7	395.9	399.6
7.5°	410.7	409.4	409.4	405.8	404.5	403.3	404.5	404.5	402.1	403.3	403.3
10°	433.9	433.9	431.5	431.5	429.0	422.9	416.8	415.6	411.9	413.1	413.1
12.5°	458.5	460.9	463.4	456.0	453.6	443.8	440.1	432.7	432.7	430.3	429.0
15°	489.1	485.4	487.9	485.4	479.3	469.5	463.4	464.6	456.0	453.6	449.9
17.5°	516.1	517.3	513.6	511.2	500.1	492.8	494.0	492.8	481.8	478.1	471.9
20°	547.9	546.7	546.7	539.4	529.6	519.8	516.1	514.9	517.3	509.9	495.2
22.5°	581.0	576.1	576.1	570.0	556.5	550.4	547.9	543.0	545.5	539.4	517.3
25°	608.0	608.0	616.6	604.3	597.0	584.7	579.8	581.0	582.3	570.0	544.3
27.5°	643.6	637.4	646.0	639.9	636.2	622.7	616.6	620.3	617.8	604.3	568.8
30°	688.9	690.1	685.2	676.7	671.8	662.0	658.3	654.6	658.3	641.1	595.8
32.5°	745.3	749.0	736.7	726.9	718.3	708.5	701.2	697.5	701.2	675.4	616.6
35°	810.3	814.0	804.1	793.1	783.3	758.8	752.7	746.5	733.1	691.4	636.2
37.5°	870.3	865.4	863.0	863.0	844.6	809.1	805.4	801.7	776.0	723.2	663.2
40°	910.8	916.9	914.5	912.0	909.6	876.5	869.1	863.0	820.1	771.1	701.2
42.5°	956.2	952.5	962.3	966.0	957.4	947.6	918.2	897.3	859.3	820.1	757.6
45°	1010.1	1007.6	1011.3	1024.8	1012.5	1016.2	967.2	952.5	904.7	881.4	828.7
47.5°	1057.9	1064.0	1082.4	1086.1	1076.3	1093.4	1024.8	1001.5	970.9	952.5	902.2
50°	1078.7	1086.1	1127.8	1153.5	1154.7	1181.7	1082.4	1072.6	1030.9	1038.3	994.2
52.5°	1061.6	1084.9	1135.1	1202.5	1244.2	1271.2	1158.4	1153.5	1115.5	1138.8	1094.7
55°	1077.5	1099.6	1132.7	1227.1	1332.5	1338.6	1263.8	1245.4	1207.4	1239.3	1198.9
57.5°	1084.9	1072.6	1135.1	1254.0	1397.5	1413.4	1364.4	1350.9	1321.5	1352.1	1328.8
60°	1027.3	1042.0	1100.8	1246.7	1401.1	1493.1	1477.1	1457.5	1430.6	1458.7	1445.3
62.5°	962.3	972.1	1035.8	1202.5	1422.0	1550.7	1586.2	1571.5	1533.5	1558.0	1581.3
65°	880.2	881.4	952.5	1124.1	1381.5	1583.8	1681.8	1680.6	1653.7	1647.5	1684.3
67.5°	779.6	789.4	845.8	1040.7	1326.4	1620.6	1776.2	1794.6	1740.7	1692.9	1706.4
70°	598.2	608.0	662.0	853.2	1213.6	1609.5	1892.7	1902.5	1797.1	1675.7	1641.4
72.5°	311.4	313.8	369.0	514.9	860.5	1429.3	1935.6	1961.3	1811.8	1625.5	1463.6
75°	103.0	103.0	126.3	196.1	405.8	914.5	1752.9	1799.5	1739.5	1500.4	1197.6
77.5°	61.3	62.5	74.8	98.1	161.8	365.3	1235.6	1317.8	1423.2	1276.1	875.2
80°	44.1	45.4	56.4	67.4	96.8	117.7	620.3	734.3	874.0	821.3	467.0
82.5°	33.1	33.1	44.1	50.3	66.2	69.9	172.8	236.6	377.6	294.2	128.7
85°	34.3	34.3	34.3	35.5	45.4	40.5	72.3	77.2	110.3	96.8	35.5
87.5°	12.3	13.5	34.3	23.3	23.3	17.2	28.2	30.6	39.2	40.5	13.5
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°	397.2	397.2	397.2	397.2	397.2	397.2	397.2	397.2	397.2	397.2	397.2
2.5°	398.4	398.4	399.6	399.6	402.1	404.5	408.2	405.8	405.8	407.0	405.8
5°	397.2	398.4	402.1	408.2	410.7	411.9	419.2	419.2	419.2	421.7	421.7
7.5°	402.1	404.5	410.7	416.8	418.0	421.7	431.5	433.9	440.1	442.5	443.8
10°	414.3	418.0	422.9	430.3	435.2	440.1	447.4	456.0	454.8	462.1	463.4
12.5°	432.7	431.5	440.1	447.4	452.3	459.7	462.1	462.1	462.1	462.1	464.6
15°	447.4	449.9	457.2	462.1	468.3	467.0	462.1	457.2	458.5	457.2	457.2
17.5°	469.5	469.5	475.6	476.9	479.3	467.0	459.7	459.7	463.4	463.4	460.9
20°	491.6	490.3	492.8	491.6	475.6	460.9	459.7	460.9	462.1	460.9	459.7
22.5°	512.4	509.9	506.3	501.4	473.2	459.7	457.2	451.1	445.0	445.0	441.3
25°	530.8	528.3	518.5	503.8	471.9	452.3	440.1	425.4	418.0	414.3	419.2
27.5°	547.9	543.0	529.6	503.8	460.9	432.7	409.4	391.0	384.9	380.0	384.9
30°	571.2	562.7	544.3	500.1	443.8	402.1	370.2	348.1	342.0	334.7	337.1
32.5°	592.1	572.5	556.5	489.1	421.7	367.8	331.0	308.9	297.9	291.7	296.7
35°	614.1	594.5	561.4	471.9	387.4	326.1	289.3	268.5	259.9	251.3	251.3
37.5°	636.2	625.2	568.8	440.1	345.7	286.8	253.7	237.8	223.1	207.2	207.2
40°	682.8	668.1	577.4	403.3	304.0	248.8	225.6	204.7	190.0	167.9	166.7
42.5°	731.8	700.0	577.4	359.2	267.2	221.9	199.8	177.7	150.8	137.3	138.5
45°	794.3	757.6	561.4	319.9	230.5	199.8	175.3	147.1	134.8	126.3	126.3
47.5°	872.8	815.2	541.8	277.0	201.0	180.2	149.6	132.4	123.8	116.5	115.2
50°	966.0	867.9	517.3	240.3	176.5	161.8	136.1	122.6	115.2	110.3	110.3
52.5°	1064.0	945.1	500.1	207.2	156.9	137.3	126.3	117.7	111.6	107.9	106.6
55°	1163.3	1022.3	487.9	171.6	138.5	126.3	123.8	116.5	114.0	110.3	107.9
57.5°	1274.9	1086.1	485.4	147.1	123.8	121.4	126.3	120.1	116.5	112.8	109.1
60°	1395.0	1171.9	463.4	127.5	116.5	118.9	122.6	116.5	114.0	110.3	107.9
62.5°	1513.9	1235.6	403.3	112.8	109.1	111.6	116.5	111.6	107.9	109.1	110.3
65°	1562.9	1240.5	312.6	101.7	100.5	101.7	109.1	107.9	104.2	111.6	111.6
67.5°	1513.9	1196.4	220.7	91.9	91.9	98.1	110.3	112.8	109.1	118.9	117.7
70°	1402.4	1087.3	149.6	85.8	88.3	104.2	114.0	111.6	106.6	118.9	116.5
72.5°	1190.3	870.3	109.1	79.7	83.4	99.3	112.8	110.3	106.6	111.6	106.6
75°	893.6	619.0	85.8	72.3	73.6	89.5	116.5	110.3	100.5	98.1	94.4
77.5°	597.0	382.5	66.2	63.7	63.7	78.5	111.6	103.0	90.7	87.0	85.8
80°	284.4	153.2	52.7	53.9	55.2	67.4	101.7	91.9	82.1	77.2	77.2
82.5°	90.7	57.6	44.1	44.1	44.1	55.2	84.6	77.2	71.1	67.4	61.3
85°	31.9	31.9	38.0	39.2	35.5	40.5	69.9	66.2	58.8	49.0	47.8
87.5°	12.3	18.4	25.7	30.6	22.1	28.2	50.3	46.6	42.9	31.9	30.6
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)