

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: P671058

Luminaire Tested: **CCP-SA-1A-722-U-T4W**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P671058
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-722-U-T4W
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ T4W
distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2033 lumens
Efficiency: N/A
Efficacy: 112.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 18
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

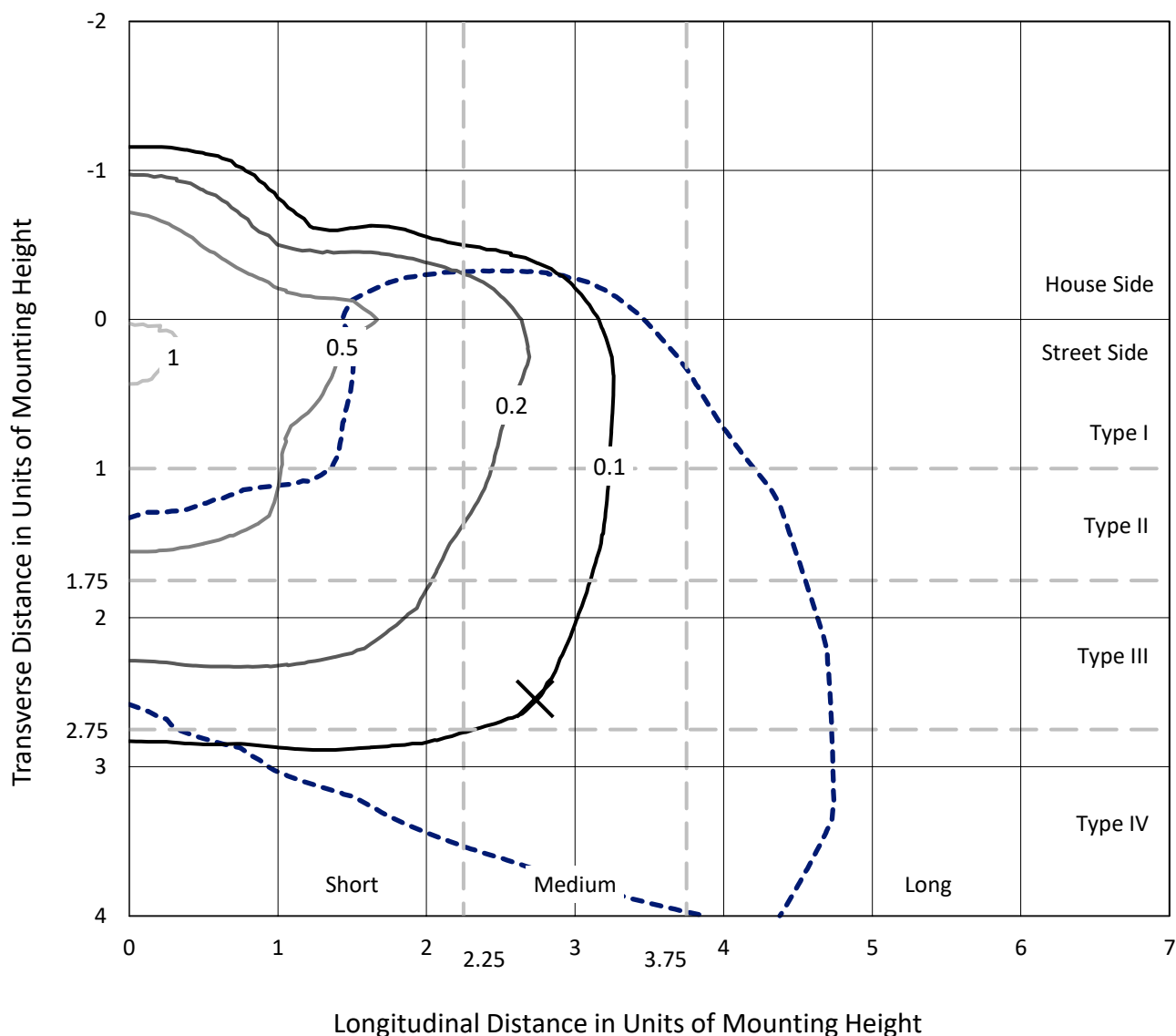
REPORT NUMBER: P671058

CATALOG NUMBER: CCP-SA-1A-722-U-T4W

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

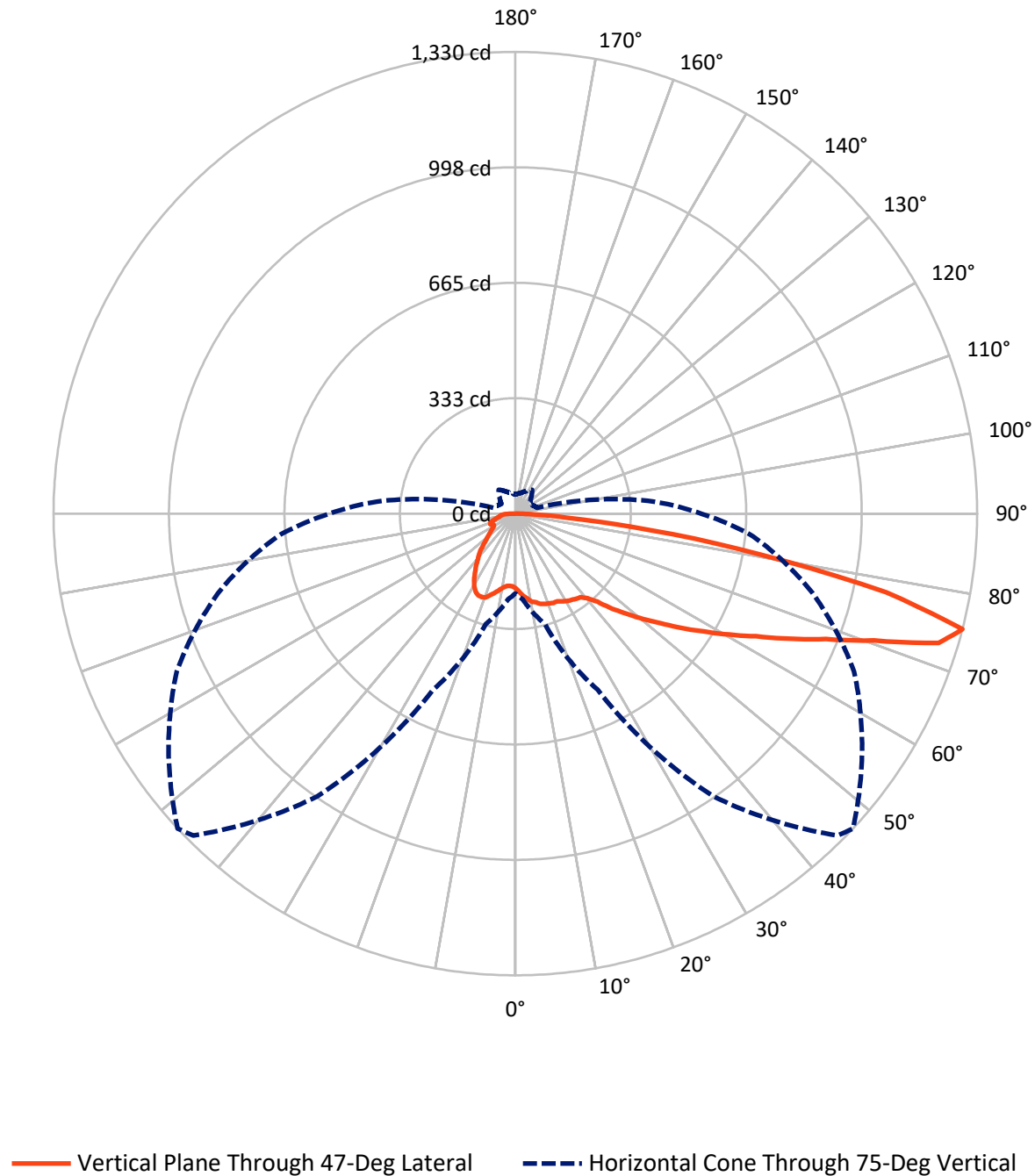
--- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.2 fc
 Type IV - Medium - N/A

REPORT NUMBER: P671058
CATALOG NUMBER: CCP-SA-1A-722-U-T4W

Luminous Intensity Polar Plot



REPORT NUMBER: P671058

CATALOG NUMBER: CCP-SA-1A-722-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	486.2	0.0	486.2
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	1546.8	0.0	1546.8
	% Fixture	76.1	0.0	76.1
Total	Lumens	2033.0	0.0	2033.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.8	1.1
10°-20°	72.5	3.6
20°-30°	124.1	6.1
30°-40°	173.7	8.5
40°-50°	242.2	11.9
50°-60°	361.9	17.8
60°-70°	521.8	25.7
70°-80°	444.2	21.8
80°-90°	70.8	3.5
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°	2033.0	100.0
0°-180°	2033.0	100.0

Coefficient of Utilization



REPORT NUMBER: P671058

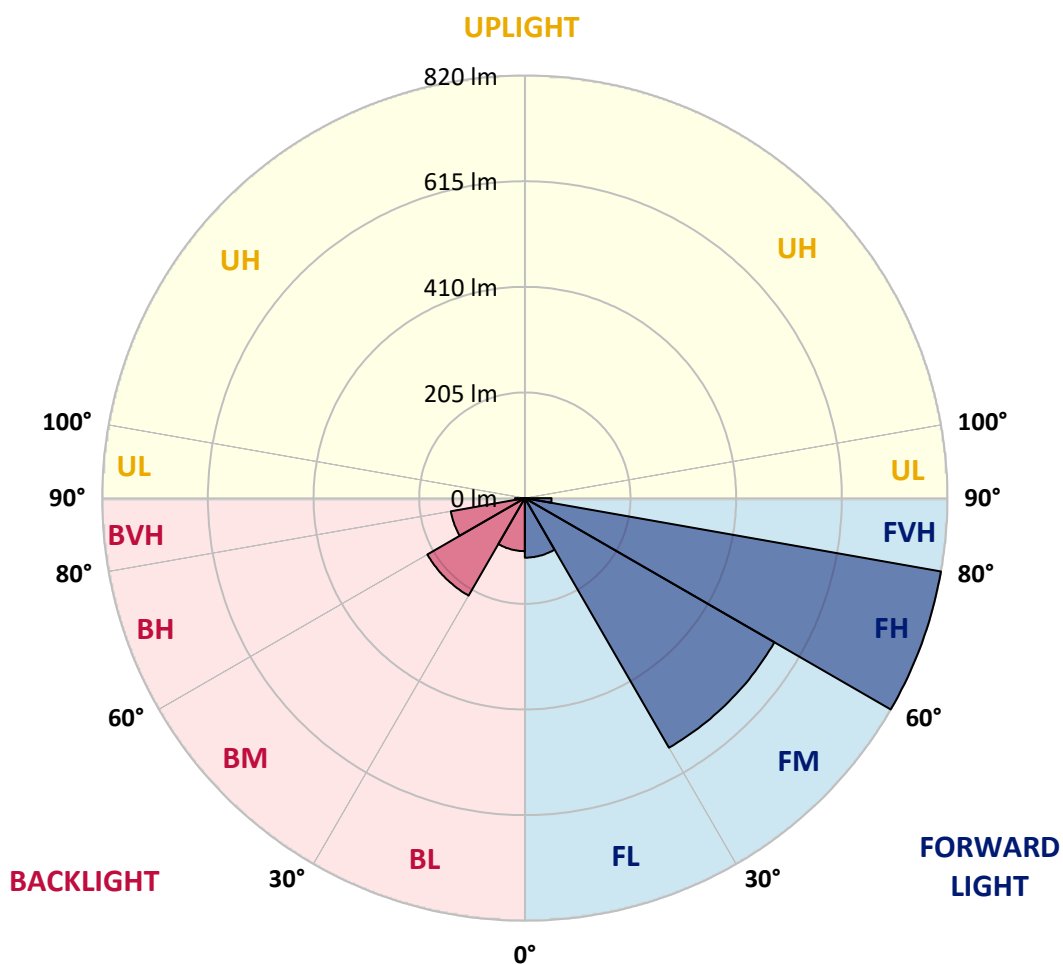
CATALOG NUMBER: CCP-SA-1A-722-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	115.5	5.7			
FM	(30°-60°)	559.3	27.5			
FH	(60°-80°)	820.2	40.3			G1/1800
FVH	(80°-90°)	51.8	2.6			G1/100
BL	(0°-30°)	102.9	5.1	B0/110		
BM	(30°-60°)	218.5	10.7	B0/220		
BH	(60°-80°)	145.9	7.2	B1/500		G1/500
BVH	(80°-90°)	18.9	0.9			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 IV Medium





REPORT NUMBER: P671058

CATALOG NUMBER: CCP-SA-1A-722-U-T4W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	47°	55°	65°	75°	85°
0°	215.9	215.9	215.9	215.9	215.9	215.9	215.9	215.9	215.9	215.9	215.9
2.5°	231.4	232.2	232.2	230.7	229.2	226.2	226.2	223.3	221.8	218.1	216.6
5°	252.9	250.7	248.5	247.8	244.0	238.9	238.1	235.1	227.0	223.3	218.1
7.5°	268.5	267.8	267.0	264.1	257.4	249.2	247.0	242.6	234.4	227.0	221.1
10°	281.1	284.1	281.1	274.5	267.8	258.9	258.1	250.0	242.6	233.7	226.2
12.5°	295.2	296.0	290.8	282.6	272.2	264.8	261.9	258.9	250.7	243.3	232.2
15°	304.9	303.4	299.7	288.6	276.7	269.3	270.0	266.3	257.4	252.2	240.3
17.5°	304.9	304.9	298.9	290.8	280.4	273.7	273.7	271.5	265.6	258.1	250.0
20°	298.9	298.9	295.2	290.8	278.9	277.4	275.9	274.5	274.5	267.8	255.9
22.5°	291.5	290.0	291.5	284.1	275.9	277.4	279.7	278.9	276.7	270.8	262.6
25°	284.1	284.8	286.3	281.1	273.7	280.4	279.7	283.4	281.9	277.4	270.8
27.5°	283.4	284.8	285.6	280.4	277.4	283.4	286.3	290.0	290.8	286.3	278.2
30°	294.5	293.7	293.0	286.3	284.1	289.3	292.3	297.5	301.9	292.3	285.6
32.5°	323.4	319.0	314.5	296.7	290.0	293.7	296.7	304.1	304.9	299.7	290.0
35°	369.4	366.4	351.6	320.5	301.9	298.2	301.2	306.4	307.8	304.1	296.7
37.5°	422.1	420.6	399.8	362.0	326.4	308.6	305.6	313.0	319.0	310.8	300.4
40°	474.0	468.1	453.2	416.1	357.5	324.2	320.5	324.2	326.4	320.5	313.8
42.5°	520.7	514.1	510.3	473.3	398.3	350.1	347.2	338.3	344.9	337.5	328.6
45°	560.0	558.6	557.1	525.2	445.1	392.4	390.2	367.2	374.6	368.7	356.1
47.5°	588.2	594.9	592.7	574.9	498.5	437.7	431.0	401.3	412.4	406.5	393.9
50°	621.6	625.3	623.1	611.2	548.2	489.6	477.0	446.6	459.2	458.4	451.7
52.5°	651.3	662.4	649.8	649.1	619.4	546.0	524.4	495.5	516.3	524.4	523.7
55°	686.2	695.1	691.3	689.9	683.2	600.8	581.6	546.7	581.6	593.4	603.8
57.5°	715.8	715.1	729.2	746.2	754.4	663.9	640.9	600.1	652.8	666.1	695.1
60°	729.2	741.8	765.5	808.5	831.5	731.4	707.7	675.0	724.7	735.1	788.5
62.5°	738.1	749.2	795.2	867.9	881.2	800.4	778.1	745.5	803.4	810.8	890.1
65°	713.6	724.0	815.2	890.1	937.6	874.6	869.4	835.3	882.0	886.4	997.0
67.5°	685.4	696.5	798.2	918.3	1012.5	973.2	965.1	924.3	959.9	954.7	1078.6
70°	635.7	650.5	754.4	942.8	1095.6	1111.2	1094.9	1037.0	1040.7	991.8	1082.3
72.5°	484.4	494.0	590.5	845.6	1134.2	1302.6	1274.4	1158.7	1116.4	999.2	955.4
75°	230.0	247.8	329.4	559.3	994.0	1311.5	1330.0	1218.8	1076.3	886.4	677.3
77.5°	66.8	66.8	100.1	237.4	623.1	1057.0	1091.9	1034.8	887.9	656.5	356.1
80°	36.3	38.6	52.7	83.8	273.7	666.9	717.3	686.2	523.0	259.6	92.0
82.5°	20.8	21.5	34.9	50.4	124.6	362.7	392.4	356.1	198.8	78.6	43.0
85°	11.9	12.6	20.0	33.4	74.2	133.5	145.4	126.1	80.1	52.7	21.5
87.5°	5.9	5.9	9.6	15.6	37.8	37.8	37.1	45.2	48.2	31.9	9.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P671058

CATALOG NUMBER: CCP-SA-1A-722-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	215.9	215.9	215.9	215.9	215.9	215.9	215.9	215.9	215.9	215.9	215.9
2.5°	215.9	215.1	215.1	212.2	211.4	209.2	209.2	207.7	207.0	209.2	209.2
5°	216.6	212.9	212.2	209.2	209.9	208.4	211.4	209.9	209.2	209.2	208.4
7.5°	218.1	214.4	211.4	209.2	208.4	210.7	214.4	214.4	218.8	216.6	216.6
10°	221.8	219.6	215.9	214.4	214.4	216.6	221.1	224.0	227.7	227.7	225.5
12.5°	230.7	227.0	222.5	220.3	223.3	225.5	230.0	232.9	237.4	238.9	237.4
15°	237.4	233.7	232.2	230.7	232.9	235.9	239.6	242.6	247.8	249.2	248.5
17.5°	246.3	241.8	241.1	241.8	243.3	245.5	247.8	250.0	253.7	253.7	253.7
20°	250.7	249.2	248.5	250.7	253.7	256.7	255.2	253.7	252.9	254.4	253.7
22.5°	258.9	257.4	258.1	260.4	260.4	258.9	256.7	251.5	250.0	251.5	250.0
25°	266.3	264.8	264.8	263.3	262.6	257.4	252.9	248.5	243.3	245.5	244.8
27.5°	273.7	273.0	273.0	267.0	259.6	250.7	244.8	239.6	236.6	240.3	238.1
30°	282.6	283.4	279.7	265.6	247.8	238.1	231.4	230.7	230.0	232.2	231.4
32.5°	290.8	291.5	285.6	263.3	238.9	220.3	213.6	214.4	218.1	221.8	225.5
35°	295.2	298.9	291.5	255.9	221.1	200.3	192.9	199.5	206.2	211.4	215.1
37.5°	303.4	313.0	300.4	247.8	205.5	182.5	177.3	179.5	187.7	195.8	199.5
40°	315.3	326.4	302.6	232.2	184.7	164.7	161.7	162.5	165.4	170.6	174.3
42.5°	336.0	347.9	304.9	212.2	163.9	153.5	145.4	143.2	140.9	140.9	140.2
45°	366.4	377.6	301.9	186.9	143.2	135.7	129.8	124.6	118.7	109.0	110.5
47.5°	410.9	419.9	304.1	164.7	123.9	117.9	113.5	107.6	98.7	88.3	87.5
50°	478.5	465.1	301.2	141.7	109.8	104.6	100.9	92.7	82.3	74.9	74.2
52.5°	557.1	530.4	298.2	122.4	97.9	93.5	90.5	81.6	72.0	68.2	67.5
55°	652.0	613.5	302.6	105.3	89.0	85.3	82.3	74.2	66.8	63.8	63.1
57.5°	764.0	703.2	327.1	92.0	79.4	77.9	77.1	70.5	63.8	61.6	60.8
60°	869.4	789.3	343.4	82.3	70.5	72.0	73.4	70.5	63.1	61.6	61.6
62.5°	957.6	860.5	317.5	74.2	66.0	70.5	77.1	74.9	72.0	73.4	72.0
65°	1035.5	885.0	237.4	69.7	63.8	74.2	85.3	84.6	77.9	79.4	78.6
67.5°	1048.9	855.3	155.0	66.0	62.3	81.6	95.7	86.8	73.4	73.4	71.2
70°	993.3	775.9	103.9	62.3	61.6	81.6	97.9	81.6	69.0	69.0	66.0
72.5°	815.2	620.1	80.1	58.6	56.4	72.7	92.7	77.1	64.5	63.1	57.9
75°	535.6	399.8	65.3	55.6	49.0	63.8	83.8	71.2	61.6	57.1	54.9
77.5°	262.6	179.5	54.9	49.0	42.3	55.6	76.4	67.5	57.9	53.4	51.9
80°	72.0	64.5	46.0	43.0	35.6	48.2	72.0	64.5	54.2	49.7	47.5
82.5°	40.8	40.1	37.1	34.9	29.7	48.2	72.7	64.5	51.2	50.4	43.0
85°	22.3	23.7	26.7	26.0	23.0	43.0	69.0	56.4	41.5	34.9	34.9
87.5°	8.9	11.1	13.4	14.8	15.6	31.9	51.9	43.0	31.9	26.7	26.7
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)