

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1209559

Luminaire Tested: UPW-SA2-130-740-U-SLL-HSS

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1209559
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2303-947-2)
Test Lab: INNOVATIONS CENTER
Issue Date: 2/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: UPW-SA2-130-740-U-SLL-HSS
Description: UNDERPASS WALL MOUNT LUMINAIRE
(2) 70 CRI, 4000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATING
LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10238 lumens
Efficiency: N/A
Efficacy: 79.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G2

Input Watts (W): 129
Input Voltage (V): NR
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: 28.75 FT



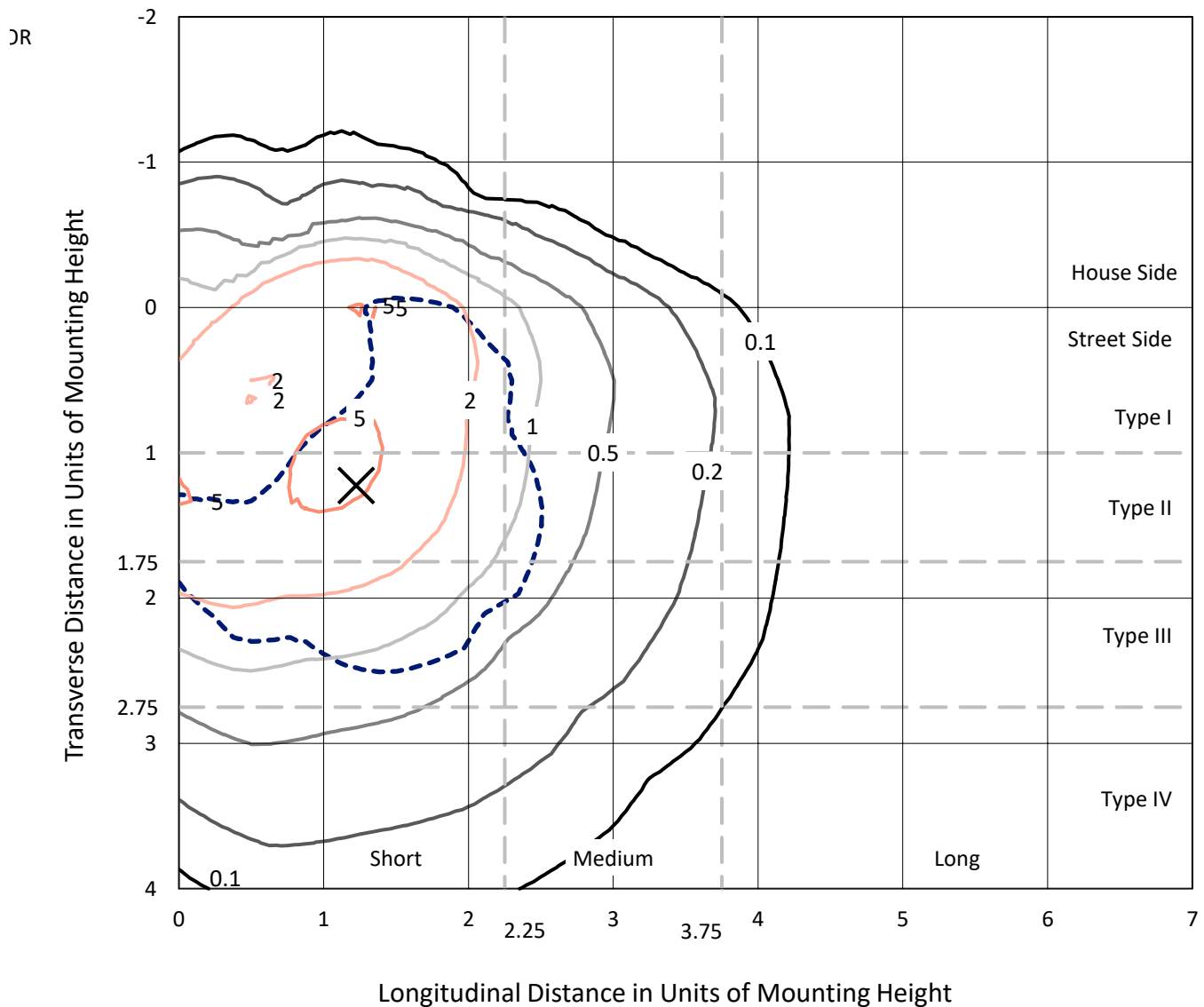
REPORT NUMBER: P1209559

CATALOG NUMBER: UPW-SA2-130-740-U-SLL-HSS

Iso-Footcandle Lines of Horizontal Illumination

✗ Max cd

--- 1/2 Max cd



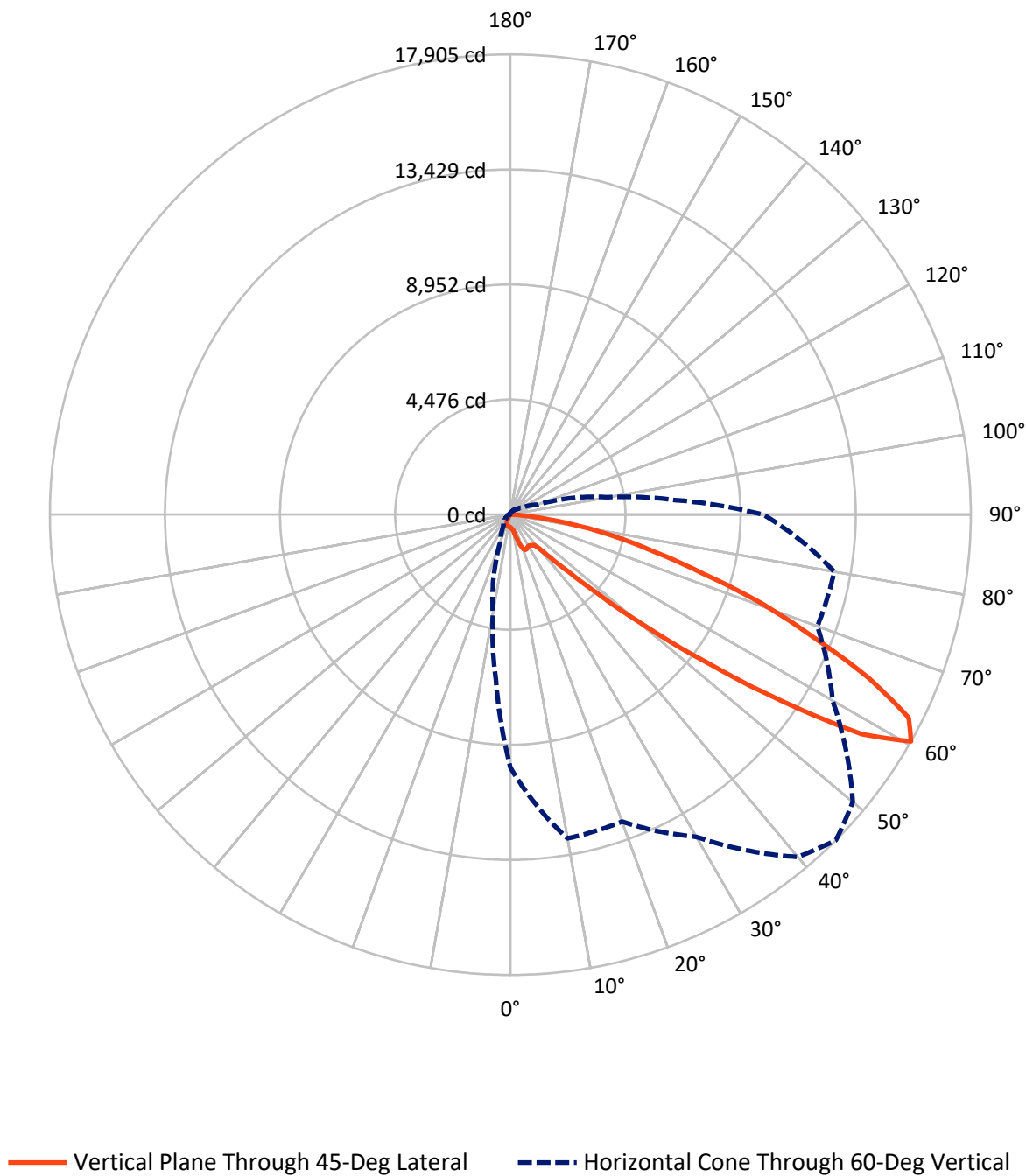
Based on 20 foot mounting height. Maximum calculated value = 6.2 fc

Type III - Short - N/A

REPORT NUMBER: P1209559

CATALOG NUMBER: UPW-SA2-130-740-U-SLL-HSS

Luminous Intensity Polar Plot



REPORT NUMBER: P1209559

CATALOG NUMBER: UPW-SA2-130-740-U-SLL-HSS

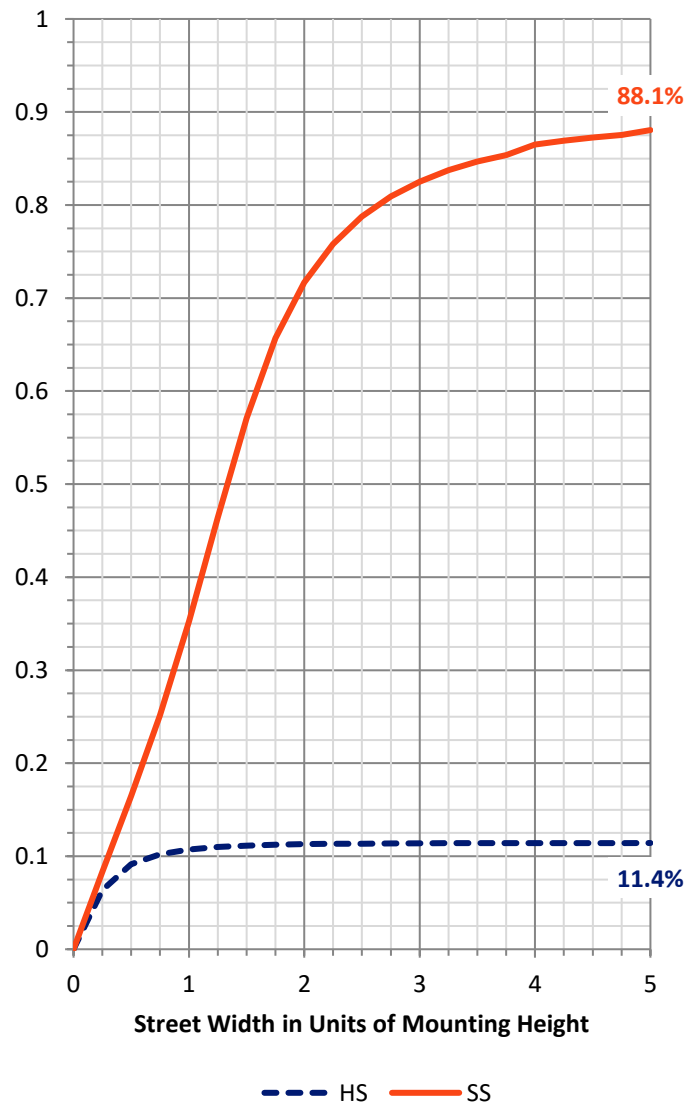
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1179.5	0.0	1179.5
	% Fixture	11.5	0.0	11.5
Street Side	Lumens	9058.5	0.0	9058.5
	% Fixture	88.5	0.0	88.5
Total	Lumens	10238.0	0.0	10238.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.5	0.5
10°-20°	158.0	1.5
20°-30°	341.2	3.3
30°-40°	574.8	5.6
40°-50°	1160.7	11.3
50°-60°	2985.5	29.2
60°-70°	3245.9	31.7
70°-80°	1529.1	14.9
80°-90°	196.3	1.9
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°	10238.0	100.0
0°-180°	10238.0	100.0

Coefficient of Utilization



REPORT NUMBER: P1209559

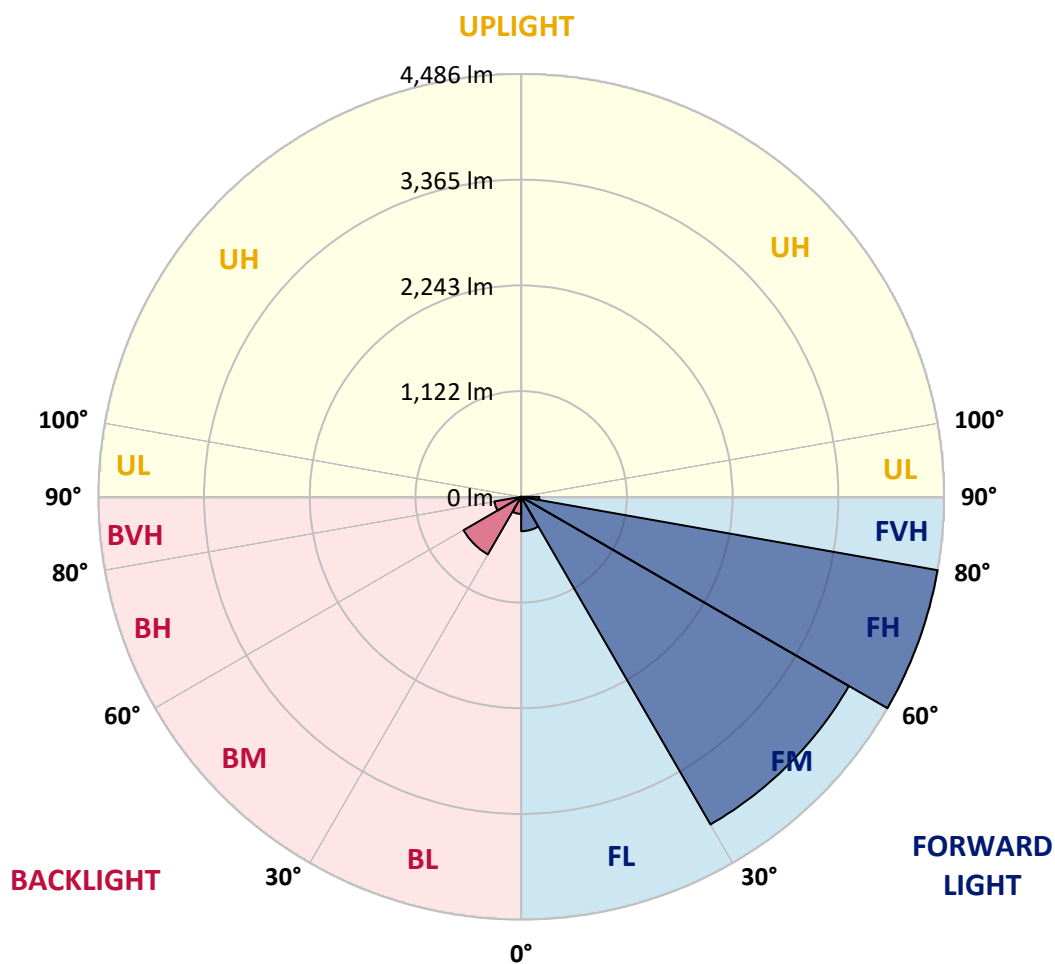
CATALOG NUMBER: UPW-SA2-130-740-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	364.3	3.6			
FM	(30°-60°)	4015.0	39.2			
FH	(60°-80°)	4486.3	43.8			G2/5000
FVH	(80°-90°)	192.9	1.9			G2/225
BL	(0°-30°)	181.4	1.8	B1/500		
BM	(30°-60°)	706.0	6.9	B1/1000		
BH	(60°-80°)	288.6	2.8	B1/500		G1/500
BVH	(80°-90°)	3.5	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



REPORT NUMBER: P1209559

CATALOG NUMBER: UPW-SA2-130-740-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	512.7	514.2	515.8	518.0	520.5	521.5	522.7	523.3	523.8	519.6	523.8
5°	510.9	515.3	519.6	524.8	530.0	532.8	535.6	537.0	538.4	542.2	538.4
7.5°	494.4	505.5	516.5	526.6	536.6	544.3	552.3	558.9	565.5	570.0	565.5
10°	496.1	516.3	536.6	556.3	576.1	591.2	606.5	616.8	627.0	632.6	627.0
12.5°	532.6	565.5	598.2	631.2	664.2	695.3	726.4	747.1	767.8	782.0	767.8
15°	608.2	669.9	731.6	789.3	847.2	895.3	943.6	969.2	994.7	997.5	994.7
17.5°	761.2	851.4	941.6	1018.2	1094.8	1146.1	1197.4	1221.9	1246.4	1253.0	1246.4
20°	958.4	1071.9	1185.2	1257.5	1329.8	1364.2	1398.6	1411.5	1424.3	1416.3	1424.3
22.5°	1190.4	1310.7	1431.1	1480.6	1530.2	1526.9	1523.7	1512.9	1502.2	1484.1	1502.2
25°	1471.1	1571.0	1670.9	1660.5	1650.1	1607.7	1565.4	1529.6	1493.8	1477.2	1493.8
27.5°	1756.9	1811.0	1865.0	1791.0	1717.0	1636.3	1555.7	1507.9	1459.9	1430.2	1459.9
30°	2098.4	2063.5	2028.4	1896.7	1764.8	1662.8	1560.6	1503.9	1447.3	1412.9	1447.3
32.5°	2456.4	2333.0	2209.6	2021.8	1833.8	1715.1	1596.2	1530.7	1465.0	1423.3	1465.0
35°	2783.1	2580.8	2378.7	2140.7	1902.6	1774.7	1647.1	1571.3	1495.9	1463.2	1495.9
37.5°	3148.1	2843.3	2538.6	2249.8	1961.1	1821.6	1682.2	1612.7	1543.4	1508.4	1543.4
40°	3533.9	3133.3	2732.7	2395.4	2057.9	1935.2	1812.6	1767.0	1721.5	1711.8	1721.5
42.5°	4003.1	3511.1	3018.9	2658.2	2297.4	2239.4	2181.3	2196.8	2212.1	2274.8	2212.1
45°	4851.1	4250.0	3649.1	3241.7	2834.4	2855.9	2877.5	2995.8	3114.4	3183.7	3114.4
47.5°	6088.5	5434.9	4781.1	4261.3	3741.5	3886.1	4030.9	4318.3	4605.9	4667.8	4605.9
50°	7728.1	7033.1	6338.2	5689.5	5040.6	5345.5	5650.5	6200.0	6749.4	6840.1	6749.4
52.5°	9208.7	8672.8	8136.8	7377.8	6618.5	7136.4	7654.2	8460.8	9267.5	9514.6	9267.5
55°	10152.4	10327.5	10502.5	9705.7	8909.0	9540.5	10171.8	11234.7	12297.5	12771.3	12297.5
57.5°	10480.8	11515.9	12550.9	11992.9	11434.9	12086.6	12738.3	14051.7	15365.1	16113.1	15365.1
60°	9825.7	11307.0	12788.3	12744.5	12700.9	13585.3	14469.5	15926.1	17382.8	17904.8	17382.8
62.5°	8743.9	9965.6	11187.2	11409.2	11631.3	12877.1	14123.0	15483.3	16843.7	17378.2	16843.7
65°	7477.0	8569.9	9662.7	9834.3	10006.0	11336.2	12666.7	13895.3	15123.9	15305.0	15123.9
67.5°	6406.5	7512.6	8618.7	8726.7	8834.8	9966.4	11098.1	12009.1	12920.0	12696.5	12920.0
70°	5286.5	6456.2	7625.9	7804.7	7983.6	8784.7	9585.8	10118.3	10650.8	10381.8	10650.8
72.5°	4029.1	5213.8	6398.7	6563.8	6728.9	7285.1	7841.4	8104.9	8368.0	7837.6	8368.0
75°	2807.5	3825.6	4843.7	5060.5	5277.4	5667.4	6057.7	6163.7	6269.7	5780.0	6269.7
77.5°	1505.8	2188.3	2870.9	3255.1	3639.4	4062.3	4485.3	4535.7	4586.1	4261.1	4586.1
80°	443.1	756.0	1068.8	1520.4	1972.1	2480.2	2988.7	3013.2	3037.7	2796.2	3037.7
82.5°	133.8	269.5	405.3	719.5	1033.7	1403.1	1772.6	1737.8	1702.9	1458.0	1702.9
85°	29.5	93.8	158.1	349.3	540.5	709.2	877.9	809.3	740.7	601.3	740.7
87.5°	4.3	25.9	47.3	124.4	201.6	243.3	285.0	232.7	180.4	163.4	180.4
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: P1209559

CATALOG NUMBER: UPW-SA2-130-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	523.3	522.7	521.5	520.5	518.0	515.8	514.2	512.7	514.4	513.0	510.9
5°	537.0	535.6	532.8	530.0	524.8	519.6	515.3	510.9	504.3	499.1	495.6
7.5°	558.9	552.3	544.3	536.6	526.6	516.5	505.5	494.4	487.6	481.4	476.2
10°	616.8	606.5	591.2	576.1	556.3	536.6	516.3	496.1	487.8	477.0	468.9
12.5°	747.1	726.4	695.3	664.2	631.2	598.2	565.5	532.6	512.1	489.7	473.0
15°	969.2	943.6	895.3	847.2	789.3	731.6	669.9	608.2	566.2	525.7	494.9
17.5°	1221.9	1197.4	1146.1	1094.8	1018.2	941.6	851.4	761.2	669.2	591.7	535.4
20°	1411.5	1398.6	1364.2	1329.8	1257.5	1185.2	1071.9	958.4	817.8	691.7	599.4
22.5°	1512.9	1523.7	1526.9	1530.2	1480.6	1431.1	1310.7	1190.4	1020.1	842.5	701.7
25°	1529.6	1565.4	1607.7	1650.1	1660.5	1670.9	1571.0	1471.1	1262.5	1022.2	822.9
27.5°	1507.9	1555.7	1636.3	1717.0	1791.0	1865.0	1811.0	1756.9	1536.1	1252.1	988.1
30°	1503.9	1560.6	1662.8	1764.8	1896.7	2028.4	2063.5	2098.4	1848.9	1508.1	1173.4
32.5°	1530.7	1596.2	1715.1	1833.8	2021.8	2209.6	2333.0	2456.4	2191.9	1793.8	1380.9
35°	1571.3	1647.1	1774.7	1902.6	2140.7	2378.7	2580.8	2783.1	2541.0	2105.9	1617.0
37.5°	1612.7	1682.2	1821.6	1961.1	2249.8	2538.6	2843.3	3148.1	2924.6	2456.9	1884.0
40°	1767.0	1812.6	1935.2	2057.9	2395.4	2732.7	3133.3	3533.9	3345.3	2830.0	2160.5
42.5°	2196.8	2181.3	2239.4	2297.4	2658.2	3018.9	3511.1	4003.1	3793.0	3204.9	2428.8
45°	2995.8	2877.5	2855.9	2834.4	3241.7	3649.1	4250.0	4851.1	4437.4	3657.8	2723.3
47.5°	4318.3	4030.9	3886.1	3741.5	4261.3	4781.1	5434.9	6088.5	5397.7	4238.2	3053.2
50°	6200.0	5650.5	5345.5	5040.6	5689.5	6338.2	7033.1	7728.1	6526.7	4843.3	3369.5
52.5°	8460.8	7654.2	7136.4	6618.5	7377.8	8136.8	8672.8	9208.7	7336.2	5178.7	3505.4
55°	11234.7	10171.8	9540.5	8909.0	9705.7	10502.5	10327.5	10152.4	7643.8	5180.8	3438.5
57.5°	14051.7	12738.3	12086.6	11434.9	11992.9	12550.9	11515.9	10480.8	7256.3	4702.2	3097.0
60°	15926.1	14469.5	13585.3	12700.9	12744.5	12788.3	11307.0	9825.7	6455.5	3885.8	2508.5
62.5°	15483.3	14123.0	12877.1	11631.3	11409.2	11187.2	9965.6	8743.9	5498.6	3140.6	1989.8
65°	13895.3	12666.7	11336.2	10006.0	9834.3	9662.7	8569.9	7477.0	4603.3	2535.1	1563.0
67.5°	12009.1	11098.1	9966.4	8834.8	8726.7	8618.7	7512.6	6406.5	3700.9	1951.9	1161.0
70°	10118.3	9585.8	8784.7	7983.6	7804.7	7625.9	6456.2	5286.5	2866.2	1463.2	861.6
72.5°	8104.9	7841.4	7285.1	6728.9	6563.8	6398.7	5213.8	4029.1	1977.1	965.4	572.8
75°	6163.7	6057.7	5667.4	5277.4	5060.5	4843.7	3825.6	2807.5	1262.7	594.3	359.9
77.5°	4535.7	4485.3	4062.3	3639.4	3255.1	2870.9	2188.3	1505.8	661.6	311.9	196.0
80°	3013.2	2988.7	2480.2	1972.1	1520.4	1068.8	756.0	443.1	200.7	107.4	78.4
82.5°	1737.8	1772.6	1403.1	1033.7	719.5	405.3	269.5	133.8	61.2	38.2	32.7
85°	809.3	877.9	709.2	540.5	349.3	158.1	93.8	29.5	14.9	11.8	10.8
87.5°	232.7	285.0	243.3	201.6	124.4	47.3	25.9	4.3	0.7	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

REPORT NUMBER: P1209559

CATALOG NUMBER: UPW-SA2-130-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	508.8	507.8	507.1	506.4	505.7	504.0	503.3	503.8	504.3	503.6	502.6
5°	492.2	489.0	485.7	482.2	478.8	476.2	472.0	472.0	471.8	473.0	474.4
7.5°	471.0	466.6	462.3	459.1	456.2	454.4	453.9	450.8	448.0	448.0	448.0
10°	460.5	455.3	450.1	445.2	440.5	436.2	437.1	435.2	433.1	431.8	430.6
12.5°	456.7	448.2	439.7	434.5	429.2	425.8	423.7	421.1	418.5	416.9	415.3
15°	464.0	449.2	434.5	427.7	420.9	415.3	408.0	406.5	404.9	403.0	401.1
17.5°	479.3	453.9	428.9	419.7	410.5	404.0	400.0	395.9	391.9	388.4	384.9
20°	507.1	466.4	425.8	413.3	400.6	394.5	388.2	382.8	377.5	372.8	368.1
22.5°	561.0	494.6	428.4	408.7	389.3	380.6	370.5	365.6	361.1	355.4	349.7
25°	623.5	525.5	427.5	400.0	372.8	363.2	357.6	350.9	344.1	337.8	331.6
27.5°	724.3	578.7	433.1	395.9	358.3	346.7	340.8	334.4	328.1	321.5	314.9
30°	839.0	642.6	446.3	395.2	344.1	329.3	323.9	318.4	312.8	306.0	299.3
32.5°	968.0	714.6	461.4	397.6	333.7	318.0	307.9	301.7	295.4	289.3	283.3
35°	1128.2	806.0	483.5	399.5	315.4	298.0	289.5	284.3	278.9	272.1	265.5
37.5°	1311.2	908.2	505.4	401.3	297.2	278.1	272.5	268.3	264.1	257.0	249.9
40°	1491.1	1008.6	526.2	404.2	282.4	261.5	254.8	251.8	248.9	241.9	235.0
42.5°	1652.7	1098.7	544.8	409.4	274.2	241.6	238.3	234.4	230.8	224.2	217.6
45°	1789.1	1175.1	561.3	419.5	277.7	224.2	218.3	215.0	211.7	207.1	203.0
47.5°	1868.2	1221.7	575.2	434.6	294.0	212.9	195.7	193.6	191.5	190.3	189.1
50°	1895.6	1242.4	589.1	457.2	325.3	224.2	189.4	182.3	175.2	175.2	175.2
52.5°	1832.0	1208.1	584.3	471.3	358.3	262.4	200.0	179.3	158.5	158.1	157.8
55°	1696.1	1128.0	559.9	473.0	386.1	315.4	226.1	185.6	145.1	141.5	137.6
57.5°	1491.9	1016.5	540.8	457.9	375.0	336.3	247.1	192.6	137.6	127.2	116.8
60°	1131.3	843.2	555.2	444.2	333.3	302.4	242.3	189.4	136.9	118.2	99.4
62.5°	839.0	671.5	504.0	395.5	287.1	239.8	216.4	178.1	139.9	113.7	87.2
65°	590.9	512.3	433.6	352.4	271.1	188.6	178.6	157.8	136.9	108.4	79.9
67.5°	370.2	335.2	300.3	265.0	229.7	157.3	139.4	124.3	109.1	89.7	70.4
70°	259.8	239.5	219.0	200.9	182.8	132.9	108.1	95.2	82.5	72.3	62.2
72.5°	180.4	165.8	151.2	141.8	132.4	109.5	83.8	72.3	60.8	54.6	48.3
75°	125.5	114.7	103.9	95.4	86.9	72.1	54.6	46.2	37.9	34.6	31.3
77.5°	79.9	71.6	63.4	56.3	49.0	45.2	33.9	29.2	24.3	23.3	22.2
80°	49.5	43.8	38.2	32.7	26.9	25.2	17.4	15.5	13.6	13.6	13.6
82.5°	26.9	23.6	20.5	16.5	12.5	10.4	7.3	6.3	5.2	5.2	5.2
85°	10.1	8.7	7.3	5.9	4.3	2.6	1.0	1.4	1.7	1.6	1.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.3
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: P1209559

CATALOG NUMBER: UPW-SA2-130-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	501.2	499.6	500.8	502.2	500.7	499.1	499.5	499.6	497.9	496.1	494.2
5°	474.6	474.8	476.9	478.8	479.5	480.0	480.7	481.4	481.7	482.2	482.4
7.5°	448.4	448.7	449.9	451.0	452.5	453.9	457.7	461.4	463.3	465.4	467.6
10°	429.6	428.9	432.5	436.2	437.2	438.3	442.8	447.0	449.4	451.8	453.7
12.5°	413.6	411.9	413.6	415.3	418.6	421.9	428.2	434.5	439.3	444.0	445.1
15°	399.4	397.6	399.0	400.6	402.3	404.0	410.3	416.7	422.1	427.5	430.1
17.5°	382.0	378.8	377.5	376.2	382.0	387.5	392.9	398.3	404.0	409.8	414.6
20°	364.2	360.6	359.7	358.9	361.3	363.6	370.5	377.5	384.4	391.4	393.6
22.5°	344.4	339.2	337.8	336.3	337.5	338.9	342.4	345.8	351.0	356.3	360.1
25°	326.0	320.6	316.3	311.9	312.1	312.5	314.4	316.3	318.2	320.1	322.4
27.5°	308.6	302.4	296.8	291.1	288.8	286.7	284.8	282.9	282.4	281.9	281.5
30°	291.8	284.1	278.1	272.0	265.7	259.3	255.3	251.1	246.8	242.4	239.1
32.5°	276.0	268.5	257.5	246.8	240.2	233.7	226.1	218.6	210.6	203.0	197.8
35°	257.2	248.9	238.8	228.5	217.4	206.5	195.3	184.2	173.8	163.4	157.4
37.5°	239.6	229.4	218.6	207.7	192.2	176.9	164.1	151.2	140.6	130.0	123.7
40°	223.1	211.1	196.4	181.6	164.9	148.1	134.2	120.3	110.2	99.9	94.7
42.5°	206.1	194.6	177.6	160.7	142.3	123.7	109.3	94.7	86.0	77.3	72.6
45°	189.8	176.9	157.1	137.3	119.9	102.5	90.0	77.3	69.2	60.8	57.2
47.5°	175.2	161.3	140.6	119.9	103.4	86.9	75.1	63.4	55.8	48.3	44.8
50°	160.9	146.8	126.0	105.1	90.0	74.7	64.3	53.9	46.7	39.6	36.1
52.5°	145.3	132.9	112.6	92.1	80.1	68.1	58.2	48.3	40.7	33.0	29.5
55°	126.7	115.6	98.7	81.7	70.9	60.0	51.1	42.1	34.1	26.1	22.4
57.5°	107.6	98.2	83.8	69.5	60.5	51.3	42.8	34.4	26.8	19.1	16.0
60°	91.1	82.5	70.4	58.2	49.4	40.3	33.0	25.7	18.9	12.2	9.0
62.5°	78.5	69.9	58.0	46.1	38.9	31.6	25.2	18.8	12.3	6.1	3.3
65°	69.3	58.7	48.5	38.2	30.4	22.6	16.7	10.8	6.6	2.1	1.0
67.5°	58.9	47.3	37.5	27.8	21.0	14.3	9.4	4.3	2.1	0.0	0.0
70°	49.5	36.8	26.2	15.6	10.4	5.2	3.1	0.9	0.3	0.0	0.0
72.5°	37.5	26.9	17.0	7.0	4.5	2.1	1.4	0.3	0.2	0.0	0.0
75°	25.0	18.8	12.0	5.2	3.3	1.4	0.7	0.0	0.0	0.0	0.0
77.5°	18.4	14.8	9.0	3.5	2.1	0.9	0.3	0.0	0.0	0.0	0.0
80°	11.1	8.7	5.2	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	4.3	3.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.9	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.0	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

REPORT NUMBER: P1209559

CATALOG NUMBER: UPW-SA2-130-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	492.2	491.8	492.2	494.2	496.1	497.9	499.6	499.5	499.1	500.7	502.2
5°	482.8	483.1	482.8	482.4	482.2	481.7	481.4	480.7	480.0	479.5	478.8
7.5°	470.1	474.4	470.1	467.6	465.4	463.3	461.4	457.7	453.9	452.5	451.0
10°	455.7	458.8	455.7	453.7	451.8	449.4	447.0	442.8	438.3	437.2	436.2
12.5°	446.3	446.6	446.3	445.1	444.0	439.3	434.5	428.2	421.9	418.6	415.3
15°	432.7	434.5	432.7	430.1	427.5	422.1	416.7	410.3	404.0	402.3	400.6
17.5°	419.7	422.3	419.7	414.6	409.8	404.0	398.3	392.9	387.5	382.0	376.2
20°	395.9	394.5	395.9	393.6	391.4	384.4	377.5	370.5	363.6	361.3	358.9
22.5°	364.1	368.4	364.1	360.1	356.3	351.0	345.8	342.4	338.9	337.5	336.3
25°	324.6	326.7	324.6	322.4	320.1	318.2	316.3	314.4	312.5	312.1	311.9
27.5°	281.2	279.8	281.2	281.5	281.9	282.4	282.9	284.8	286.7	288.8	291.1
30°	236.0	234.6	236.0	239.1	242.4	246.8	251.1	255.3	259.3	265.7	272.0
32.5°	192.6	189.4	192.6	197.8	203.0	210.6	218.6	226.1	233.7	240.2	246.8
35°	151.5	149.5	151.5	157.4	163.4	173.8	184.2	195.3	206.5	217.4	228.5
37.5°	117.8	114.7	117.8	123.7	130.0	140.6	151.2	164.1	176.9	192.2	207.7
40°	89.5	86.9	89.5	94.7	99.9	110.2	120.3	134.2	148.1	164.9	181.6
42.5°	67.8	64.3	67.8	72.6	77.3	86.0	94.7	109.3	123.7	142.3	160.7
45°	53.5	52.1	53.5	57.2	60.8	69.2	77.3	90.0	102.5	119.9	137.3
47.5°	41.4	40.0	41.4	44.8	48.3	55.8	63.4	75.1	86.9	103.4	119.9
50°	32.7	31.3	32.7	36.1	39.6	46.7	53.9	64.3	74.7	90.0	105.1
52.5°	26.1	24.3	26.1	29.5	33.0	40.7	48.3	58.2	68.1	80.1	92.1
55°	18.8	17.4	18.8	22.4	26.1	34.1	42.1	51.1	60.0	70.9	81.7
57.5°	13.0	12.2	13.0	16.0	19.1	26.8	34.4	42.8	51.3	60.5	69.5
60°	6.1	5.2	6.1	9.0	12.2	18.9	25.7	33.0	40.3	49.4	58.2
62.5°	0.3	0.0	0.3	3.3	6.1	12.3	18.8	25.2	31.6	38.9	46.1
65°	0.0	0.0	0.0	1.0	2.1	6.6	10.8	16.7	22.6	30.4	38.2
67.5°	0.0	0.0	0.0	0.0	0.0	2.1	4.3	9.4	14.3	21.0	27.8
70°	0.0	0.0	0.0	0.0	0.0	0.3	0.9	3.1	5.2	10.4	15.6
72.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.3	1.4	2.1	4.5	7.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4	3.3	5.2
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	2.1	3.5
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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

REPORT NUMBER: P1209559

CATALOG NUMBER: UPW-SA2-130-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	500.8	499.6	501.2	502.6	503.6	504.3	503.8	503.3	504.0	505.7	506.4
5°	476.9	474.8	474.6	474.4	473.0	471.8	472.0	472.0	476.2	478.8	482.2
7.5°	449.9	448.7	448.4	448.0	448.0	448.0	450.8	453.9	454.4	456.2	459.1
10°	432.5	428.9	429.6	430.6	431.8	433.1	435.2	437.1	436.2	440.5	445.2
12.5°	413.6	411.9	413.6	415.3	416.9	418.5	421.1	423.7	425.8	429.2	434.5
15°	399.0	397.6	399.4	401.1	403.0	404.9	406.5	408.0	415.3	420.9	427.7
17.5°	377.5	378.8	382.0	384.9	388.4	391.9	395.9	400.0	404.0	410.5	419.7
20°	359.7	360.6	364.2	368.1	372.8	377.5	382.8	388.2	394.5	400.6	413.3
22.5°	337.8	339.2	344.4	349.7	355.4	361.1	365.6	370.5	380.6	389.3	408.7
25°	316.3	320.6	326.0	331.6	337.8	344.1	350.9	357.6	363.2	372.8	400.0
27.5°	296.8	302.4	308.6	314.9	321.5	328.1	334.4	340.8	346.7	358.3	395.9
30°	278.1	284.1	291.8	299.3	306.0	312.8	318.4	323.9	329.3	344.1	395.2
32.5°	257.5	268.5	276.0	283.3	289.3	295.4	301.7	307.9	318.0	333.7	397.6
35°	238.8	248.9	257.2	265.5	272.1	278.9	284.3	289.5	298.0	315.4	399.5
37.5°	218.6	229.4	239.6	249.9	257.0	264.1	268.3	272.5	278.1	297.2	401.3
40°	196.4	211.1	223.1	235.0	241.9	248.9	251.8	254.8	261.5	282.4	404.2
42.5°	177.6	194.6	206.1	217.6	224.2	230.8	234.4	238.3	241.6	274.2	409.4
45°	157.1	176.9	189.8	203.0	207.1	211.7	215.0	218.3	224.2	277.7	419.5
47.5°	140.6	161.3	175.2	189.1	190.3	191.5	193.6	195.7	212.9	294.0	434.6
50°	126.0	146.8	160.9	175.2	175.2	175.2	182.3	189.4	224.2	325.3	457.2
52.5°	112.6	132.9	145.3	157.8	158.1	158.5	179.3	200.0	262.4	358.3	471.3
55°	98.7	115.6	126.7	137.6	141.5	145.1	185.6	226.1	315.4	386.1	473.0
57.5°	83.8	98.2	107.6	116.8	127.2	137.6	192.6	247.1	336.3	375.0	457.9
60°	70.4	82.5	91.1	99.4	118.2	136.9	189.4	242.3	302.4	333.3	444.2
62.5°	58.0	69.9	78.5	87.2	113.7	139.9	178.1	216.4	239.8	287.1	395.5
65°	48.5	58.7	69.3	79.9	108.4	136.9	157.8	178.6	188.6	271.1	352.4
67.5°	37.5	47.3	58.9	70.4	89.7	109.1	124.3	139.4	157.3	229.7	265.0
70°	26.2	36.8	49.5	62.2	72.3	82.5	95.2	108.1	132.9	182.8	200.9
72.5°	17.0	26.9	37.5	48.3	54.6	60.8	72.3	83.8	109.5	132.4	141.8
75°	12.0	18.8	25.0	31.3	34.6	37.9	46.2	54.6	72.1	86.9	95.4
77.5°	9.0	14.8	18.4	22.2	23.3	24.3	29.2	33.9	45.2	49.0	56.3
80°	5.2	8.7	11.1	13.6	13.6	13.6	15.5	17.4	25.2	26.9	32.7
82.5°	1.7	3.5	4.3	5.2	5.2	5.2	6.3	7.3	10.4	12.5	16.5
85°	0.2	0.3	0.9	1.4	1.6	1.7	1.4	1.0	2.6	4.3	5.9
87.5°	0.0	0.0	0.2	0.3	0.3	0.3	0.2	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

REPORT NUMBER: P1209559

CATALOG NUMBER: UPW-SA2-130-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	507.1	507.8	508.8	510.9	513.0	514.4	512.7
5°	485.7	489.0	492.2	495.6	499.1	504.3	510.9
7.5°	462.3	466.6	471.0	476.2	481.4	487.6	494.4
10°	450.1	455.3	460.5	468.9	477.0	487.8	496.1
12.5°	439.7	448.2	456.7	473.0	489.7	512.1	532.6
15°	434.5	449.2	464.0	494.9	525.7	566.2	608.2
17.5°	428.9	453.9	479.3	535.4	591.7	669.2	761.2
20°	425.8	466.4	507.1	599.4	691.7	817.8	958.4
22.5°	428.4	494.6	561.0	701.7	842.5	1020.1	1190.4
25°	427.5	525.5	623.5	822.9	1022.2	1262.5	1471.1
27.5°	433.1	578.7	724.3	988.1	1252.1	1536.1	1756.9
30°	446.3	642.6	839.0	1173.4	1508.1	1848.9	2098.4
32.5°	461.4	714.6	968.0	1380.9	1793.8	2191.9	2456.4
35°	483.5	806.0	1128.2	1617.0	2105.9	2541.0	2783.1
37.5°	505.4	908.2	1311.2	1884.0	2456.9	2924.6	3148.1
40°	526.2	1008.6	1491.1	2160.5	2830.0	3345.3	3533.9
42.5°	544.8	1098.7	1652.7	2428.8	3204.9	3793.0	4003.1
45°	561.3	1175.1	1789.1	2723.3	3657.8	4437.4	4851.1
47.5°	575.2	1221.7	1868.2	3053.2	4238.2	5397.7	6088.5
50°	589.1	1242.4	1895.6	3369.5	4843.3	6526.7	7728.1
52.5°	584.3	1208.1	1832.0	3505.4	5178.7	7336.2	9208.7
55°	559.9	1128.0	1696.1	3438.5	5180.8	7643.8	10152.4
57.5°	540.8	1016.5	1491.9	3097.0	4702.2	7256.3	10480.8
60°	555.2	843.2	1131.3	2508.5	3885.8	6455.5	9825.7
62.5°	504.0	671.5	839.0	1989.8	3140.6	5498.6	8743.9
65°	433.6	512.3	590.9	1563.0	2535.1	4603.3	7477.0
67.5°	300.3	335.2	370.2	1161.0	1951.9	3700.9	6406.5
70°	219.0	239.5	259.8	861.6	1463.2	2866.2	5286.5
72.5°	151.2	165.8	180.4	572.8	965.4	1977.1	4029.1
75°	103.9	114.7	125.5	359.9	594.3	1262.7	2807.5
77.5°	63.4	71.6	79.9	196.0	311.9	661.6	1505.8
80°	38.2	43.8	49.5	78.4	107.4	200.7	443.1
82.5°	20.5	23.6	26.9	32.7	38.2	61.2	133.8
85°	7.3	8.7	10.1	10.8	11.8	14.9	29.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	4.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)