

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P722221

Luminaire Tested: **IFLD-S-SA2B-927-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722221
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2B-927-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 2700K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

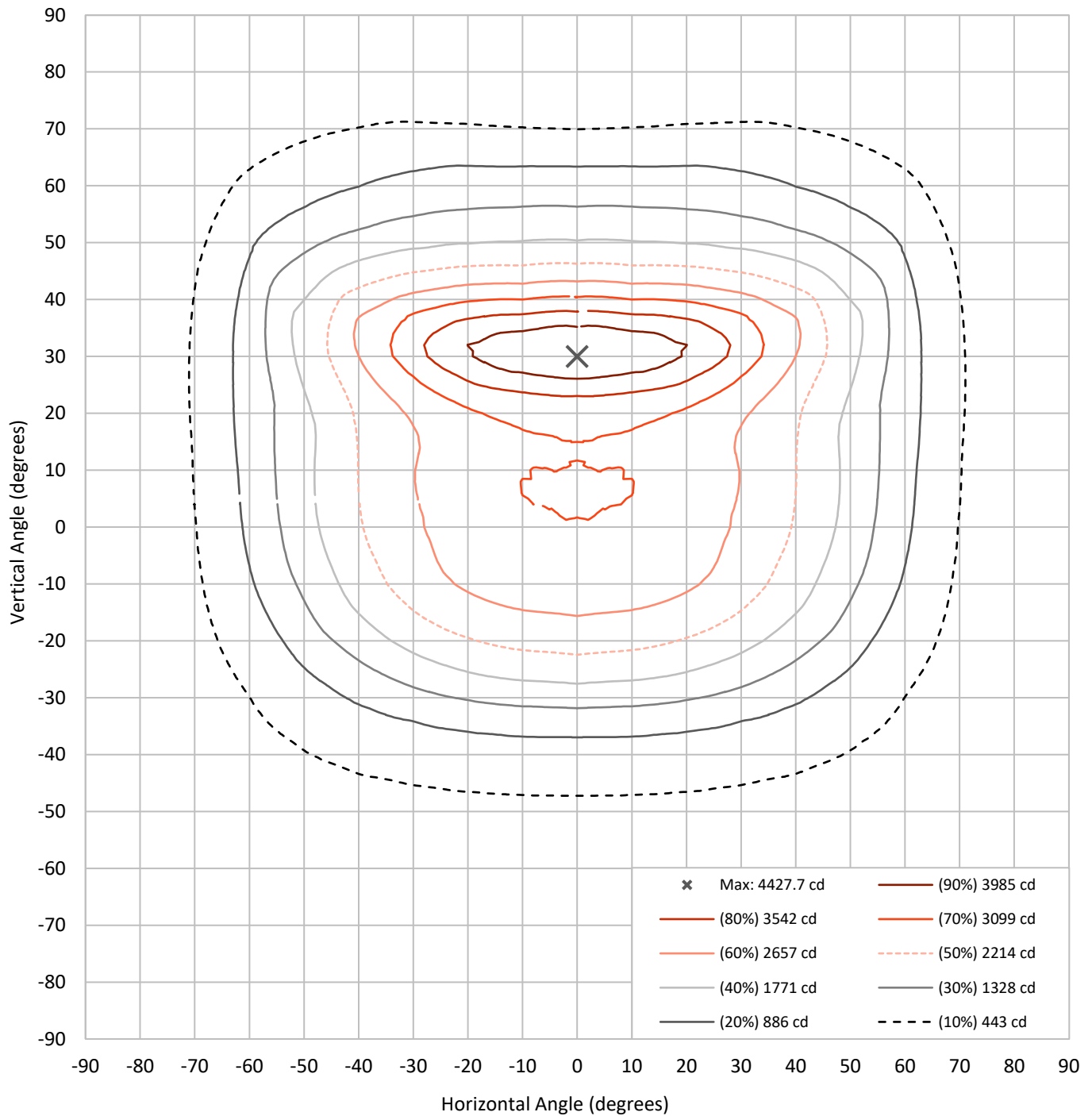
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	7390.9 lumens	Max Intensity:	4427.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	89.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	4297.9 lumens	Field Lumens:	6926.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 82.4
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: 28.75 FT



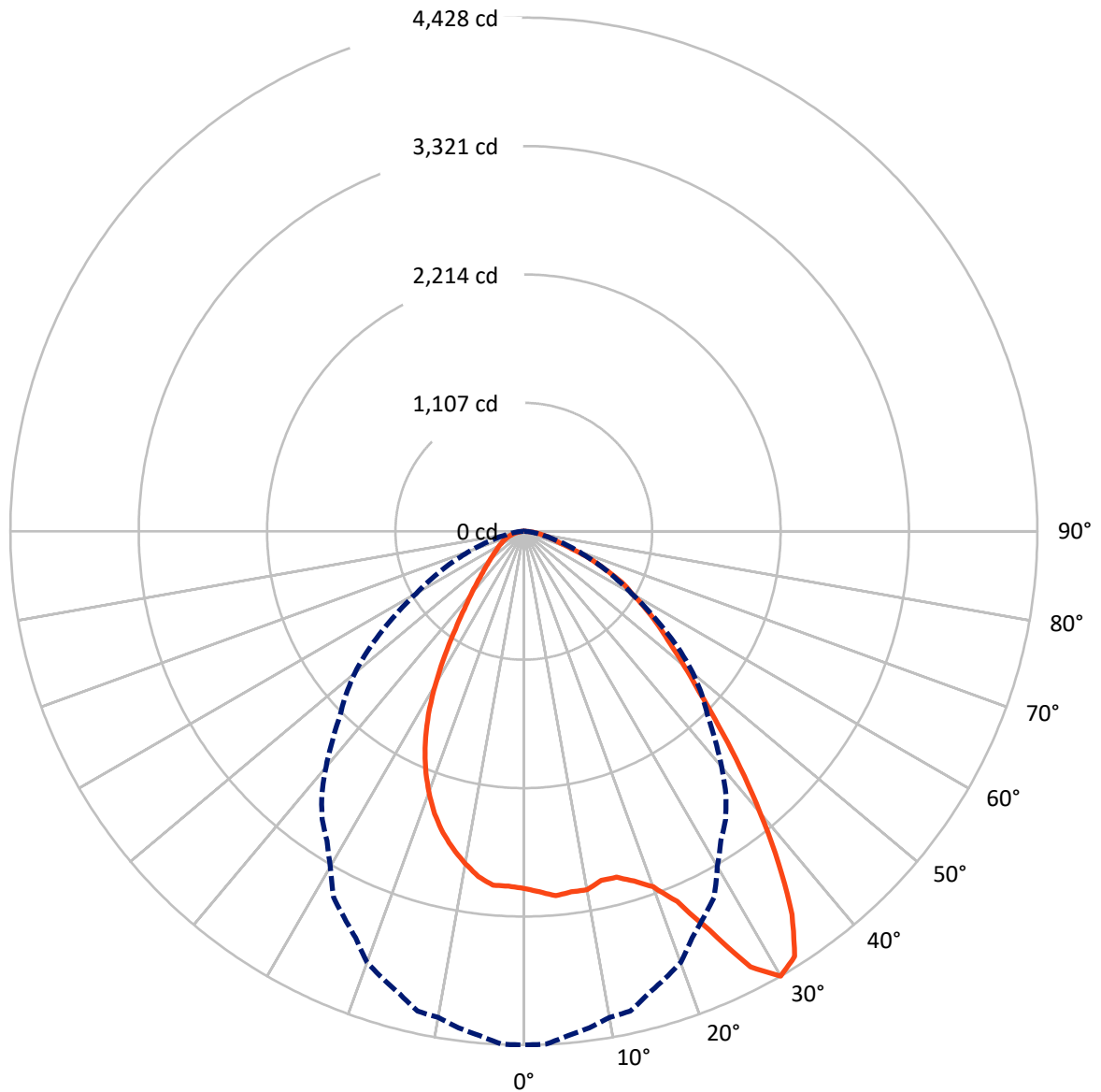
REPORT NUMBER: P722221
CATALOG NUMBER: IFLD-S-SA2B-927-U-76

Iso-Candela Plot



REPORT NUMBER: P722221
CATALOG NUMBER: IFLD-S-SA2B-927-U-76

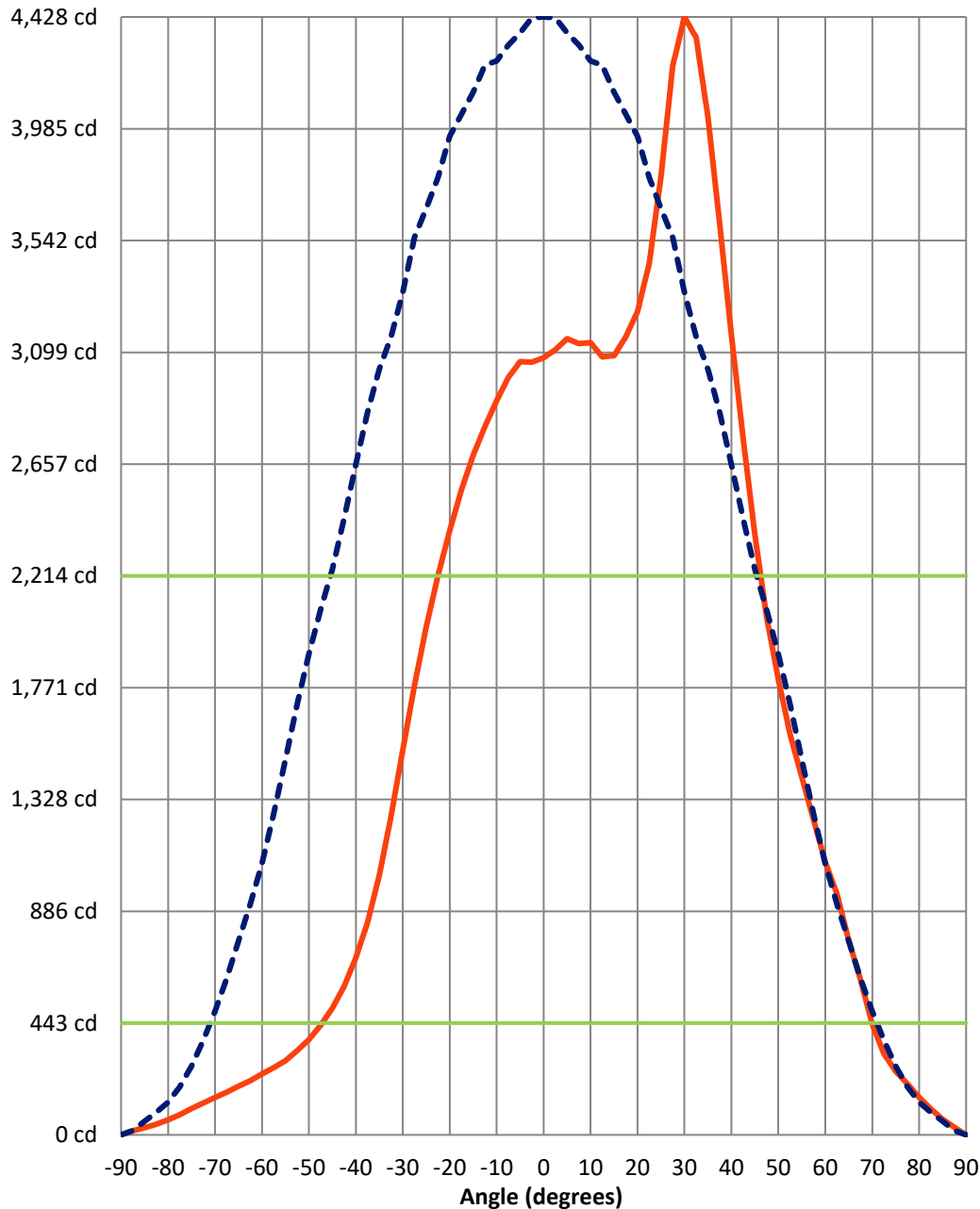
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722221
 CATALOG NUMBER: IFLD-S-SA2B-927-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 4297.9
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 6926.2
 Efficiency: 93.7%

Spill:
 Lumens: 464.7
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 30-Deg



REPORT NUMBER: P722221
 CATALOG NUMBER: IFLD-S-SA2B-927-U-76

FIELD
 BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	29.8	30.5	31.3	31.3	30.5	30.5	30.5	29.8	30.5	30.5	30.5
85°	61.9	63.4	65.0	64.2	63.4	61.9	60.3	61.1	61.9	62.6	62.6
82.5°	102.6	104.9	106.5	105.7	104.1	102.6	101.0	101.8	103.4	104.1	104.1
80°	148.8	149.5	150.3	151.9	149.5	149.5	148.8	151.9	153.5	155.0	156.6
77.5°	202.0	202.8	202.8	203.6	204.4	205.1	205.1	210.6	214.5	216.9	219.2
75°	252.1	254.5	256.8	259.2	262.3	263.9	266.2	274.0	280.3	285.0	289.7
72.5°	321.0	324.1	328.1	333.5	339.0	342.9	348.4	357.8	364.9	369.6	375.0
70°	439.2	442.4	446.3	450.2	455.7	459.6	465.1	476.8	483.9	487.0	490.1
67.5°	614.6	622.5	629.5	621.7	617.8	612.3	613.8	624.8	631.9	636.5	635.8
65°	770.4	775.9	775.9	775.1	772.0	765.0	768.9	782.2	790.0	793.9	782.2
62.5°	953.6	953.6	949.7	956.0	956.8	952.1	949.7	950.5	951.3	953.6	934.1
60°	1080.5	1088.3	1090.7	1096.1	1097.7	1097.7	1101.6	1104.8	1104.8	1100.1	1077.4
57.5°	1248.0	1262.9	1266.1	1262.1	1254.3	1244.1	1242.6	1237.9	1228.5	1219.1	1208.1
55°	1417.2	1425.0	1424.2	1421.9	1414.0	1402.3	1403.9	1397.6	1382.7	1371.0	1356.1
52.5°	1587.1	1605.9	1609.0	1604.3	1593.3	1580.8	1581.6	1574.5	1559.7	1547.1	1526.8
50°	1803.9	1819.6	1818.0	1810.2	1794.6	1785.2	1785.9	1772.6	1755.4	1751.5	1724.9
47.5°	2052.1	2070.2	2067.0	2056.1	2034.9	2031.0	2034.9	2017.7	2007.5	1998.9	1967.6
45°	2377.9	2399.0	2387.3	2366.1	2332.4	2336.4	2341.8	2338.7	2316.8	2294.1	2254.2
42.5°	2759.9	2773.3	2759.2	2738.0	2695.7	2703.6	2700.4	2681.6	2668.3	2630.8	2579.9
40°	3168.7	3197.6	3175.7	3142.8	3099.0	3110.7	3102.1	3077.8	3046.5	2999.5	2935.3
37.5°	3609.5	3632.2	3607.1	3568.7	3529.6	3525.7	3508.5	3470.9	3426.2	3374.6	3272.0
35°	4031.5	4090.2	4044.0	3982.9	3935.2	3917.2	3900.7	3813.8	3762.9	3679.1	3539.0
32.5°	4345.4	4388.5	4331.4	4267.9	4210.0	4184.9	4127.0	4023.6	3996.2	3820.1	3691.7
30°	4427.7	4424.5	4365.0	4316.5	4253.8	4236.6	4130.1	4042.4	3954.7	3791.9	3669.7
27.5°	4231.9	4212.3	4155.2	4112.9	4051.1	4030.7	3925.8	3878.8	3743.3	3605.5	3502.2
25°	3795.8	3806.0	3762.9	3741.8	3701.1	3657.2	3615.7	3552.3	3467.7	3347.2	3252.4
22.5°	3452.1	3465.4	3447.4	3422.3	3391.0	3366.7	3335.4	3286.1	3204.7	3130.3	3041.0
20°	3261.0	3257.1	3241.5	3222.7	3192.9	3175.7	3141.2	3099.8	3037.1	2972.9	2876.6
17.5°	3160.8	3136.6	3121.7	3114.6	3099.0	3077.0	3036.3	2994.1	2945.5	2872.7	2802.2
15°	3086.4	3090.4	3078.6	3073.1	3060.6	3030.1	2988.6	2954.1	2888.4	2851.6	2787.3
12.5°	3081.7	3077.8	3078.6	3076.3	3060.6	3021.5	3000.3	2956.5	2914.2	2865.6	2792.0
10°	3137.3	3095.8	3099.0	3109.9	3084.9	3053.6	3030.9	2983.1	2943.2	2881.3	2808.5
7.5°	3134.2	3113.1	3119.3	3101.3	3109.1	3070.8	3039.5	2991.7	2941.6	2875.8	2810.1
5°	3153.0	3120.9	3115.4	3117.0	3097.4	3068.4	3026.2	2980.7	2933.8	2860.2	2792.8
2.5°	3109.9	3114.6	3089.6	3080.2	3077.8	3029.3	2990.1	2946.3	2897.7	2832.8	2772.5
0°	3077.8	3086.4	3060.6	3047.3	3046.5	3005.0	2980.0	2929.8	2895.4	2841.4	2768.6
-2.5°	3060.6	3070.8	3073.9	3049.6	3026.2	2994.1	2951.8	2897.7	2841.4	2778.7	2716.1
-5°	3062.2	3041.8	3033.2	3041.0	3020.7	2988.6	2941.6	2893.8	2838.2	2770.9	2692.6
-7.5°	3000.3	2980.0	2978.4	2974.5	2969.8	2939.2	2900.1	2848.4	2792.0	2729.4	2656.6
-10°	2907.9	2893.0	2889.1	2885.2	2872.7	2854.7	2817.9	2770.9	2720.0	2657.4	2579.9
-12.5°	2805.4	2798.3	2783.4	2773.3	2760.7	2739.6	2704.4	2661.3	2610.4	2554.8	2488.3
-15°	2691.8	2678.5	2663.6	2655.0	2637.0	2612.0	2576.7	2536.8	2481.2	2426.4	2363.8
-17.5°	2554.8	2538.4	2521.9	2519.6	2507.0	2468.7	2435.8	2387.3	2338.7	2286.3	2225.2
-20°	2393.5	2370.8	2359.9	2353.6	2336.4	2308.2	2272.9	2228.3	2181.3	2131.2	2060.8



REPORT NUMBER: P722221

CATALOG NUMBER: IFLD-S-SA2B-927-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2215.0	2195.4	2176.6	2164.9	2150.0	2128.1	2094.4	2055.3	2009.1	1952.7	1887.7
-25°	2012.2	1984.8	1973.1	1959.8	1951.9	1931.6	1898.7	1862.7	1814.9	1760.1	1698.2
-27.5°	1780.5	1758.5	1752.3	1733.5	1724.1	1702.9	1675.5	1641.9	1598.0	1546.4	1495.5
-30°	1524.4	1511.1	1500.9	1482.1	1475.1	1452.4	1434.4	1406.2	1366.3	1329.5	1288.8
-32.5°	1261.4	1248.0	1244.9	1236.3	1231.6	1216.7	1196.4	1176.0	1143.9	1116.5	1083.6
-35°	1028.0	1018.6	1019.4	1018.6	1013.9	1003.0	977.9	972.4	949.0	923.9	902.8
-37.5°	841.7	842.5	841.7	840.9	834.6	829.9	811.9	804.9	790.8	766.5	754.0
-40°	701.5	703.1	702.3	700.8	693.7	691.4	679.6	670.2	664.7	647.5	634.2
-42.5°	588.0	590.4	589.6	588.8	584.1	583.3	577.0	566.1	563.0	552.8	538.7
-45°	501.9	501.1	499.5	501.1	498.7	496.4	492.5	485.4	481.5	476.8	465.1
-47.5°	433.8	434.5	433.0	433.0	429.8	427.5	425.9	421.2	418.1	414.2	407.1
-50°	377.4	380.5	379.7	379.0	376.6	375.0	375.0	370.3	365.6	364.1	359.4
-52.5°	333.5	335.9	336.7	338.2	339.0	339.8	337.5	332.8	324.9	324.1	321.8
-55°	293.6	300.7	305.4	308.5	311.6	314.0	309.3	303.0	295.2	292.0	291.3
-57.5°	266.2	273.3	278.7	283.4	287.3	291.3	286.6	280.3	273.3	269.3	268.6
-60°	241.2	247.4	252.9	259.2	264.6	270.9	268.6	263.9	259.9	256.8	253.7
-62.5°	214.5	220.8	227.1	234.9	241.9	248.2	249.0	248.2	247.4	248.2	242.7
-65°	192.6	195.7	199.7	208.3	216.1	223.1	227.1	229.4	233.3	237.2	231.8
-67.5°	169.1	173.0	177.7	184.0	190.3	195.0	200.4	206.7	213.0	219.2	215.3
-70°	148.0	151.1	155.0	158.2	162.1	165.2	169.9	176.9	184.0	190.3	188.7
-72.5°	126.1	129.2	131.5	133.1	135.5	137.0	139.4	145.6	150.3	153.5	153.5
-75°	104.1	107.3	109.6	110.4	112.0	112.7	114.3	116.7	119.0	119.8	120.6
-77.5°	79.9	83.0	85.3	86.9	88.5	90.0	90.8	92.4	93.2	93.2	94.0
-80°	59.5	61.9	63.4	65.8	66.6	68.1	69.7	70.5	71.2	71.2	72.0
-82.5°	42.3	43.8	45.4	47.0	48.5	49.3	50.9	51.7	52.5	53.2	54.0
-85°	28.2	29.8	31.3	32.9	33.7	34.5	35.2	36.0	36.8	37.6	38.4
-87.5°	16.4	17.2	18.0	19.6	20.4	21.9	22.7	21.9	22.7	22.7	22.7
-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: P722221
 CATALOG NUMBER: IFLD-S-SA2B-927-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	30.5	30.5	30.5	30.5	29.8	28.2	27.4	25.8	24.3	22.7	21.1
85°	63.4	64.2	64.2	64.2	62.6	61.9	59.5	57.2	54.0	49.3	45.4
82.5°	105.7	106.5	106.5	105.7	104.1	101.8	98.7	94.7	88.5	82.2	76.7
80°	158.9	159.7	159.7	158.9	155.0	151.1	147.2	142.5	134.7	126.1	116.7
77.5°	222.4	223.9	223.9	221.6	216.1	211.4	205.1	197.3	185.6	173.0	160.5
75°	296.0	299.9	300.7	298.3	291.3	282.6	272.5	259.2	241.2	225.5	210.6
72.5°	381.3	385.2	388.3	385.2	375.0	363.3	348.4	332.8	314.8	293.6	268.6
70°	493.3	497.2	499.5	489.4	471.3	451.8	433.8	415.8	394.6	368.8	341.4
67.5°	634.2	630.3	625.6	605.2	582.5	559.0	534.0	507.4	480.0	452.6	420.5
65°	769.7	758.7	748.5	724.2	695.3	664.7	635.8	606.0	573.1	538.7	508.1
62.5°	912.2	888.7	863.6	833.9	804.1	770.4	741.5	706.2	669.4	627.2	588.0
60°	1052.3	1024.1	999.1	962.3	923.1	877.7	846.4	811.9	768.9	723.5	677.3
57.5°	1187.8	1157.2	1129.8	1097.7	1055.4	1006.1	971.7	927.0	881.6	824.5	777.5
55°	1331.8	1301.3	1279.4	1243.3	1197.2	1151.7	1114.2	1067.2	1003.8	942.7	884.7
52.5°	1497.0	1472.8	1449.3	1412.5	1356.9	1310.7	1269.2	1216.7	1150.2	1075.0	1005.3
50°	1681.8	1669.3	1644.2	1601.2	1537.7	1497.0	1442.2	1372.5	1301.3	1222.2	1135.3
47.5°	1926.9	1906.5	1871.3	1824.3	1771.1	1710.0	1636.4	1555.0	1454.0	1366.3	1273.9
45°	2219.7	2182.1	2136.7	2073.3	2007.5	1938.6	1858.0	1754.6	1619.2	1504.9	1407.8
42.5°	2536.8	2485.9	2424.1	2341.1	2255.7	2171.2	2084.2	1943.3	1774.2	1642.7	1533.0
40°	2868.0	2803.0	2725.5	2604.9	2510.2	2401.3	2301.9	2091.3	1911.2	1768.7	1652.1
37.5°	3192.1	3109.9	2980.0	2833.5	2723.1	2633.9	2415.4	2189.9	2028.7	1872.1	1753.8
35°	3440.3	3370.7	3141.2	2989.4	2894.6	2753.7	2480.4	2249.5	2078.8	1948.8	1764.8
32.5°	3587.5	3407.5	3206.2	3052.8	2974.5	2743.5	2485.1	2266.7	2102.3	1956.6	1736.6
30°	3554.7	3337.0	3160.8	3032.4	2862.5	2655.0	2441.3	2240.1	2080.3	1904.2	1705.3
27.5°	3356.6	3188.2	3030.9	2897.0	2730.2	2543.8	2346.5	2169.6	2020.8	1850.1	1662.2
25°	3132.6	2980.0	2863.3	2746.6	2588.5	2410.7	2236.9	2109.3	1959.8	1791.4	1605.9
22.5°	2926.7	2817.1	2725.5	2603.4	2449.1	2294.1	2186.0	2053.7	1900.3	1729.6	1547.9
20°	2795.2	2720.8	2615.9	2481.2	2359.9	2262.8	2143.0	2002.8	1844.7	1666.1	1498.6
17.5°	2731.8	2645.6	2529.0	2441.3	2348.1	2241.6	2107.7	1959.0	1790.6	1637.2	1504.1
15°	2698.9	2608.1	2531.3	2445.2	2340.3	2228.3	2079.6	1925.3	1790.6	1648.9	1508.0
12.5°	2705.9	2627.6	2543.8	2449.9	2337.1	2217.4	2082.7	1939.4	1800.0	1657.5	1508.8
10°	2727.8	2645.6	2556.4	2452.2	2338.7	2220.5	2091.3	1948.0	1804.7	1661.4	1507.2
7.5°	2735.7	2646.4	2550.9	2446.0	2334.8	2218.9	2092.9	1950.4	1805.5	1660.7	1502.5
5°	2711.4	2630.8	2538.4	2432.7	2323.8	2211.1	2086.6	1947.2	1799.2	1652.8	1490.8
2.5°	2678.5	2613.5	2525.1	2423.3	2312.9	2200.1	2076.4	1933.1	1785.2	1638.7	1475.9
0°	2673.0	2592.4	2503.1	2412.3	2294.9	2175.9	2052.9	1906.5	1759.3	1612.1	1450.0
-2.5°	2637.0	2551.7	2462.4	2363.8	2260.4	2140.6	2011.4	1868.2	1722.5	1577.7	1421.9
-5°	2609.6	2514.9	2420.1	2313.7	2209.5	2089.7	1955.8	1816.5	1674.0	1533.0	1382.7
-7.5°	2572.8	2475.7	2376.3	2265.1	2152.4	2030.2	1897.9	1758.5	1618.4	1478.2	1334.2
-10°	2498.4	2413.1	2319.9	2204.8	2085.8	1963.7	1832.1	1695.1	1555.0	1413.2	1268.4
-12.5°	2408.4	2318.4	2216.6	2110.9	2004.4	1890.9	1759.3	1624.6	1483.7	1341.2	1197.2
-15°	2291.7	2203.3	2099.1	1995.8	1893.2	1784.4	1668.5	1547.1	1403.9	1263.7	1119.6
-17.5°	2146.1	2063.1	1969.9	1871.3	1769.5	1659.9	1547.1	1444.6	1310.7	1179.1	1036.6
-20°	1989.5	1912.0	1828.2	1735.0	1633.3	1526.0	1419.5	1312.2	1196.4	1080.5	948.2



REPORT NUMBER: P722221

CATALOG NUMBER: IFLD-S-SA2B-927-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1826.7	1748.4	1663.8	1576.9	1482.9	1383.5	1284.8	1182.3	1080.5	975.6	863.6
-25°	1638.7	1569.8	1492.3	1407.8	1324.0	1237.1	1143.1	1050.0	963.0	872.2	780.6
-27.5°	1442.2	1378.8	1308.3	1234.7	1162.7	1089.9	1008.5	922.3	850.3	775.1	699.2
-30°	1235.5	1184.6	1127.5	1063.3	1007.7	949.0	880.8	809.6	743.8	686.7	625.6
-32.5°	1039.8	996.7	956.0	913.7	858.9	813.5	766.5	714.1	656.1	602.1	558.3
-35°	871.4	825.2	808.0	776.7	737.6	697.6	663.2	625.6	581.7	534.0	498.0
-37.5°	729.7	702.3	678.0	660.8	635.0	602.9	575.5	548.1	514.4	478.4	442.4
-40°	619.3	600.5	573.9	565.3	548.9	526.9	498.7	477.6	454.9	427.5	397.0
-42.5°	530.8	516.8	499.5	484.7	477.6	461.9	440.0	419.7	401.7	382.9	359.4
-45°	458.0	448.6	437.7	424.4	418.9	406.4	390.7	368.0	357.8	342.2	324.9
-47.5°	399.3	394.6	386.8	378.2	370.3	360.9	346.9	332.8	318.7	308.5	295.2
-50°	353.1	350.0	345.3	338.2	328.1	321.8	312.4	299.9	286.6	278.0	268.6
-52.5°	316.3	313.2	310.1	304.6	296.7	290.5	282.6	272.5	261.5	252.9	245.1
-55°	288.1	283.4	281.1	276.4	270.1	263.1	256.0	249.0	239.6	231.8	223.9
-57.5°	266.2	259.9	256.8	252.9	246.6	239.6	234.1	227.1	220.8	212.2	205.1
-60°	249.0	241.9	235.7	231.8	226.3	219.2	213.7	208.3	202.0	195.0	186.3
-62.5°	234.9	226.3	217.7	213.0	207.5	201.2	195.7	190.3	184.0	176.9	169.1
-65°	221.6	211.4	200.4	195.7	190.3	184.0	176.9	173.0	167.6	161.3	153.5
-67.5°	205.1	194.2	184.8	179.3	173.8	168.3	162.1	158.2	152.7	144.8	137.0
-70°	180.9	173.8	167.6	162.9	158.2	153.5	147.2	140.9	134.7	127.6	120.6
-72.5°	150.3	148.0	147.2	144.8	139.4	133.9	127.6	121.4	115.9	110.4	104.9
-75°	121.4	122.9	124.5	123.7	118.2	112.7	107.3	101.8	97.9	93.2	88.5
-77.5°	96.3	97.9	99.4	99.4	95.5	92.4	88.5	84.6	81.4	77.5	72.8
-80°	74.4	76.7	79.1	80.6	77.5	75.2	72.0	68.9	65.8	62.6	59.5
-82.5°	56.4	58.7	61.1	62.6	60.3	58.7	56.4	54.0	51.7	48.5	46.2
-85°	40.7	42.3	43.8	44.6	43.1	41.5	39.9	38.4	36.8	34.5	32.9
-87.5°	23.5	24.3	25.1	25.8	24.3	22.7	21.9	20.4	19.6	18.0	17.2
-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: P722221
 CATALOG NUMBER: IFLD-S-SA2B-927-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.6	18.0	16.4	15.7	14.1	11.7	10.2	8.6	7.0	5.5	4.7
85°	41.5	37.6	32.9	30.5	27.4	24.3	21.1	18.0	14.9	11.7	8.6
82.5°	71.2	66.6	61.9	56.4	49.3	40.7	32.1	26.6	21.9	17.2	13.3
80°	107.3	98.7	90.8	83.8	75.9	65.0	53.2	42.3	29.8	22.7	17.2
77.5°	148.8	138.6	127.6	115.9	103.4	88.5	75.2	61.1	46.2	31.3	21.9
75°	195.7	182.4	167.6	151.1	134.7	115.1	96.3	79.9	62.6	43.8	26.6
72.5°	248.2	231.8	213.7	191.8	166.0	143.3	120.6	98.7	78.3	55.6	36.0
70°	315.5	289.7	263.1	239.6	206.7	170.7	144.1	119.0	93.2	68.1	45.4
67.5°	387.6	356.2	324.1	289.7	248.2	205.9	167.6	139.4	108.8	79.9	54.0
65°	465.9	426.7	386.0	347.6	290.5	240.4	197.3	158.9	123.7	90.8	62.6
62.5°	546.5	500.3	453.3	403.2	337.5	275.6	225.5	180.9	137.8	101.0	70.5
60°	632.6	578.6	521.5	458.8	382.1	314.0	252.1	203.6	152.7	111.2	79.1
57.5°	723.5	664.7	597.4	512.8	428.3	350.8	282.6	223.9	166.0	120.6	85.3
55°	822.1	754.8	681.2	569.2	473.7	387.6	313.2	244.3	180.1	128.4	91.6
52.5°	928.6	850.3	757.1	628.7	521.5	425.1	341.4	262.3	193.4	137.0	97.1
50°	1047.6	949.0	823.7	683.5	563.0	460.4	369.6	281.9	204.4	146.4	101.8
47.5°	1171.3	1064.8	883.2	734.4	605.2	494.8	398.5	299.1	215.3	154.2	106.5
45°	1300.5	1145.5	945.0	779.8	642.0	526.2	420.5	314.8	228.6	161.3	110.4
42.5°	1428.1	1206.5	999.1	825.2	676.5	554.3	438.5	329.6	239.6	168.3	114.3
40°	1488.4	1252.7	1042.1	856.6	705.4	579.4	454.1	342.9	249.0	173.0	118.2
37.5°	1513.5	1280.9	1070.3	886.3	728.2	592.7	467.4	354.7	256.8	177.7	121.4
35°	1518.9	1291.1	1084.4	906.7	746.9	605.2	477.6	363.3	263.1	182.4	124.5
32.5°	1508.8	1288.0	1088.3	913.7	758.7	614.6	484.7	369.6	267.8	187.1	127.6
30°	1486.1	1271.5	1074.2	912.9	767.3	620.1	489.4	374.3	272.5	190.3	129.2
27.5°	1449.3	1242.6	1056.2	913.7	772.0	622.5	491.7	376.6	275.6	192.6	132.3
25°	1403.9	1203.4	1057.0	912.2	772.8	623.2	491.7	376.6	276.4	193.4	134.7
22.5°	1351.4	1203.4	1057.0	909.8	768.1	621.7	489.4	375.0	276.4	195.0	137.0
20°	1354.5	1204.2	1054.7	905.1	761.0	617.0	483.9	371.1	274.0	197.3	138.6
17.5°	1356.9	1202.6	1050.0	898.8	751.6	609.1	476.8	365.6	274.0	199.7	139.4
15°	1356.9	1197.9	1042.9	889.4	739.9	598.2	466.6	360.9	274.8	200.4	140.9
12.5°	1354.5	1189.3	1031.9	876.9	725.8	584.9	460.4	359.4	274.8	201.2	140.9
10°	1349.8	1177.6	1017.9	861.3	712.5	580.2	457.3	356.2	273.3	201.2	140.9
7.5°	1341.2	1163.5	1006.1	851.9	704.7	574.7	452.6	351.6	270.9	199.7	142.5
5°	1327.9	1155.7	996.7	840.9	693.7	570.8	449.4	347.6	269.3	199.7	140.9
2.5°	1310.7	1146.3	985.8	826.8	681.2	557.5	439.2	339.0	263.9	196.5	139.4
0°	1282.5	1127.5	967.0	807.2	664.0	544.2	429.1	330.4	258.4	193.4	137.8
-2.5°	1256.7	1102.4	942.7	786.9	647.5	532.4	421.2	325.7	256.0	192.6	137.0
-5°	1220.6	1068.0	910.6	760.3	625.6	520.7	413.4	320.2	253.7	191.0	137.0
-7.5°	1180.7	1031.9	876.9	732.9	603.7	500.3	398.5	311.6	248.2	187.9	136.2
-10°	1118.9	977.9	834.6	701.5	580.2	482.3	386.0	303.8	243.5	184.8	133.1
-12.5°	1053.1	918.4	786.1	663.2	553.6	463.5	371.9	295.2	238.0	181.6	131.5
-15°	983.4	857.3	735.2	623.2	524.6	440.8	357.0	285.8	232.5	177.7	129.2
-17.5°	910.6	793.1	682.7	582.5	495.6	417.3	341.4	277.2	226.3	173.8	126.8
-20°	833.9	727.4	629.5	541.0	465.1	393.8	324.9	267.0	219.2	169.1	123.7



REPORT NUMBER: P722221

CATALOG NUMBER: IFLD-S-SA2B-927-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	757.9	662.4	574.7	500.3	433.8	369.6	308.5	256.8	211.4	163.6	121.4
-25°	690.6	601.3	526.2	461.2	403.2	346.1	291.3	246.6	202.8	158.2	118.2
-27.5°	624.8	548.9	478.4	424.4	373.5	323.4	274.8	235.7	194.2	151.9	115.1
-30°	563.7	498.7	440.8	388.3	345.3	303.0	260.7	224.7	184.8	145.6	111.2
-32.5°	508.1	455.7	407.1	357.0	318.7	282.6	247.4	213.7	175.4	139.4	107.3
-35°	456.5	415.8	373.5	331.2	292.0	263.9	233.3	202.0	166.8	132.3	103.4
-37.5°	410.3	377.4	343.7	307.7	274.0	245.9	220.0	190.3	158.2	126.1	99.4
-40°	370.3	343.7	314.0	285.0	256.8	230.2	206.7	178.5	149.5	121.4	95.5
-42.5°	333.5	313.2	288.9	264.6	239.6	216.1	193.4	166.0	140.9	115.9	91.6
-45°	305.4	285.0	265.4	243.5	222.4	202.0	179.3	155.0	133.1	109.6	87.7
-47.5°	278.7	260.7	242.7	224.7	207.5	188.7	166.0	145.6	124.5	104.1	84.6
-50°	255.2	238.0	222.4	206.7	191.8	173.8	152.7	136.2	117.4	98.7	80.6
-52.5°	233.3	218.4	202.8	190.3	177.7	159.7	142.5	126.8	110.4	92.4	76.7
-55°	213.7	199.7	185.6	173.8	162.1	146.4	132.3	119.0	103.4	87.7	72.8
-57.5°	195.0	183.2	169.9	158.9	147.2	134.7	122.9	110.4	96.3	83.0	68.9
-60°	177.7	166.8	155.0	144.1	133.9	123.7	112.7	102.6	90.0	77.5	65.0
-62.5°	160.5	151.1	140.9	130.0	122.1	112.7	104.1	94.0	83.8	72.8	57.9
-65°	144.8	136.2	126.8	117.4	110.4	103.4	95.5	86.1	77.5	67.3	51.7
-67.5°	129.2	121.4	113.5	105.7	99.4	94.0	86.1	79.1	72.0	61.1	45.4
-70°	114.3	108.0	101.0	94.7	90.0	83.8	78.3	72.0	65.8	53.2	38.4
-72.5°	100.2	94.0	88.5	83.8	79.9	74.4	69.7	65.0	56.4	44.6	32.1
-75°	83.8	79.9	76.7	72.8	68.9	65.0	61.1	55.6	47.0	36.0	25.1
-77.5°	68.9	66.6	64.2	61.1	57.9	54.8	50.1	44.6	37.6	28.2	20.4
-80°	56.4	54.0	52.5	49.3	47.0	43.8	39.1	34.5	27.4	21.9	16.4
-82.5°	43.1	41.5	39.9	38.4	36.0	32.9	28.2	24.3	20.4	16.4	12.5
-85°	30.5	29.8	28.2	26.6	24.3	21.9	18.8	16.4	14.1	11.0	8.6
-87.5°	15.7	14.9	14.1	13.3	12.5	11.0	9.4	7.8	7.0	5.5	3.9
-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: P722221
 CATALOG NUMBER: IFLD-S-SA2B-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	3.1	2.3	0.8	0.0
85°	6.3	3.9	1.6	0.0
82.5°	9.4	6.3	2.3	0.0
80°	12.5	7.8	3.9	0.0
77.5°	15.7	9.4	4.7	0.0
75°	18.8	11.7	5.5	0.0
72.5°	21.1	13.3	6.3	0.0
70°	25.1	15.7	7.0	0.0
67.5°	31.3	17.2	7.8	0.0
65°	36.8	18.8	8.6	0.0
62.5°	43.1	20.4	9.4	0.0
60°	48.5	21.9	10.2	0.0
57.5°	54.0	25.8	11.0	0.0
55°	58.7	29.0	11.7	0.0
52.5°	64.2	32.1	12.5	0.0
50°	68.9	35.2	13.3	0.0
47.5°	72.8	38.4	13.3	0.0
45°	75.9	40.7	14.1	0.0
42.5°	78.3	43.1	14.9	0.0
40°	80.6	45.4	15.7	0.0
37.5°	83.0	47.8	15.7	0.0
35°	85.3	50.1	16.4	0.0
32.5°	87.7	52.5	16.4	0.0
30°	89.3	54.0	17.2	0.0
27.5°	91.6	55.6	17.2	0.0
25°	92.4	57.2	18.0	0.0
22.5°	94.0	57.9	18.0	0.0
20°	95.5	59.5	18.0	0.0
17.5°	96.3	60.3	18.8	0.0
15°	96.3	61.1	19.6	0.0
12.5°	97.1	61.9	19.6	0.0
10°	97.1	63.4	18.8	0.0
7.5°	98.7	62.6	18.8	0.0
5°	97.9	62.6	18.8	0.0
2.5°	97.1	61.9	18.8	0.0
0°	96.3	61.9	18.8	0.0
-2.5°	96.3	61.9	18.8	0.0
-5°	96.3	61.9	18.8	0.0
-7.5°	95.5	62.6	18.8	0.0
-10°	94.0	62.6	18.8	0.0
-12.5°	93.2	60.3	18.8	0.0
-15°	92.4	59.5	18.8	0.0
-17.5°	90.8	58.7	18.0	0.0
-20°	89.3	57.9	18.0	0.0



REPORT NUMBER: P722221

CATALOG NUMBER: IFLD-S-SA2B-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	87.7	56.4	18.0	0.0
-25°	86.1	54.8	17.2	0.0
-27.5°	84.6	53.2	17.2	0.0
-30°	82.2	51.7	16.4	0.0
-32.5°	79.9	50.1	16.4	0.0
-35°	78.3	47.8	15.7	0.0
-37.5°	75.9	45.4	15.7	0.0
-40°	73.6	43.1	14.9	0.0
-42.5°	71.2	40.7	14.1	0.0
-45°	68.1	38.4	14.1	0.0
-47.5°	65.8	36.0	13.3	0.0
-50°	61.9	32.9	12.5	0.0
-52.5°	57.2	29.8	11.7	0.0
-55°	52.5	27.4	11.0	0.0
-57.5°	47.8	24.3	11.0	0.0
-60°	43.1	21.1	10.2	0.0
-62.5°	38.4	19.6	9.4	0.0
-65°	33.7	18.0	8.6	0.0
-67.5°	28.2	15.7	7.8	0.0
-70°	23.5	14.1	7.0	0.0
-72.5°	20.4	12.5	6.3	0.0
-75°	17.2	11.0	5.5	0.0
-77.5°	14.9	9.4	4.7	0.0
-80°	11.7	7.0	3.1	0.0
-82.5°	8.6	5.5	2.3	0.0
-85°	5.5	3.9	1.6	0.0
-87.5°	3.1	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)