

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: P722222

Luminaire Tested: **IFLD-S-SA2C-927-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722222  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2C-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

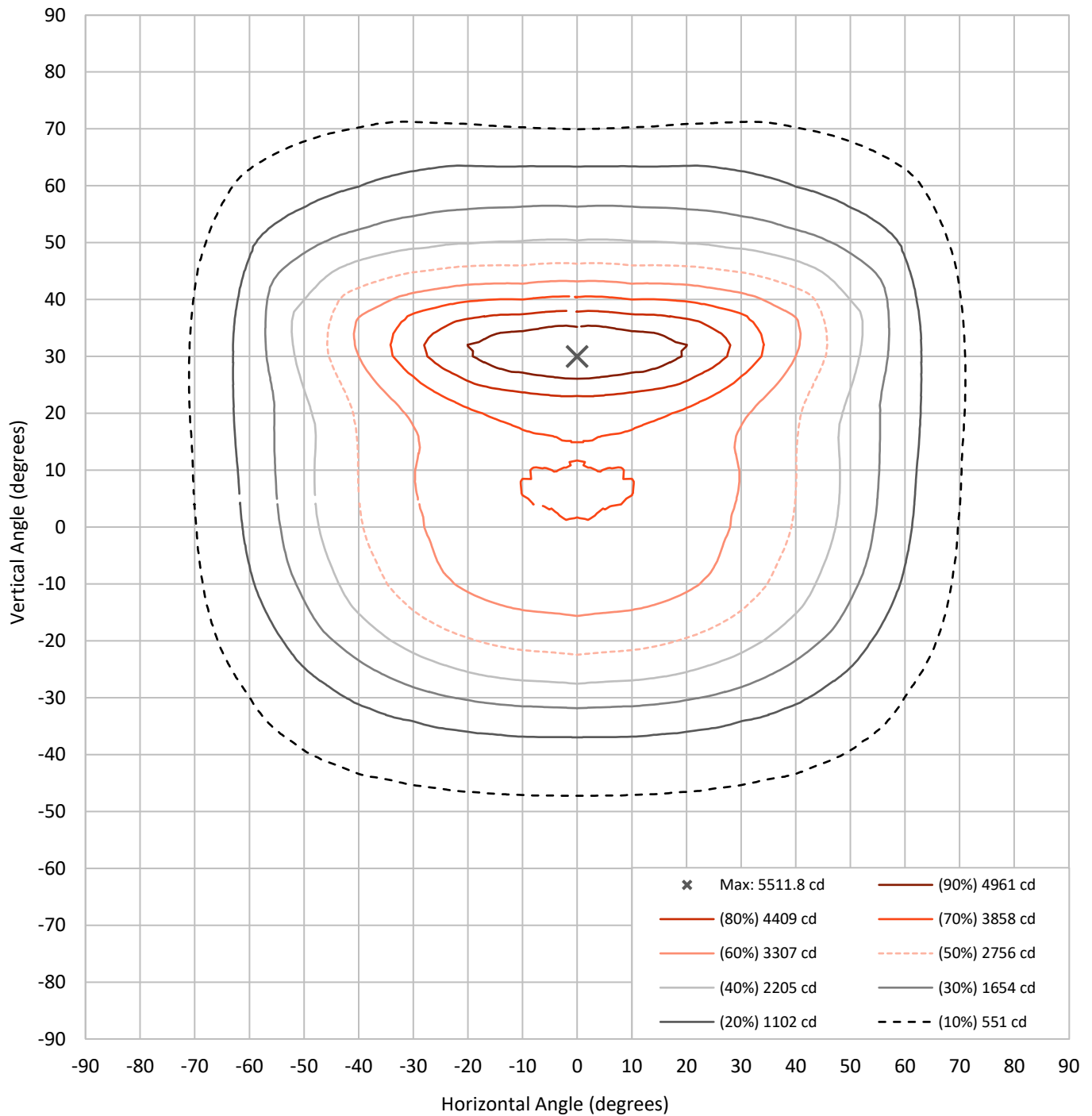
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	9200.5 lumens	Max Intensity:	5511.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.0 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:	5350.2 lumens	Field Lumens:	8622.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
Input Watts (W):	108.2		
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		



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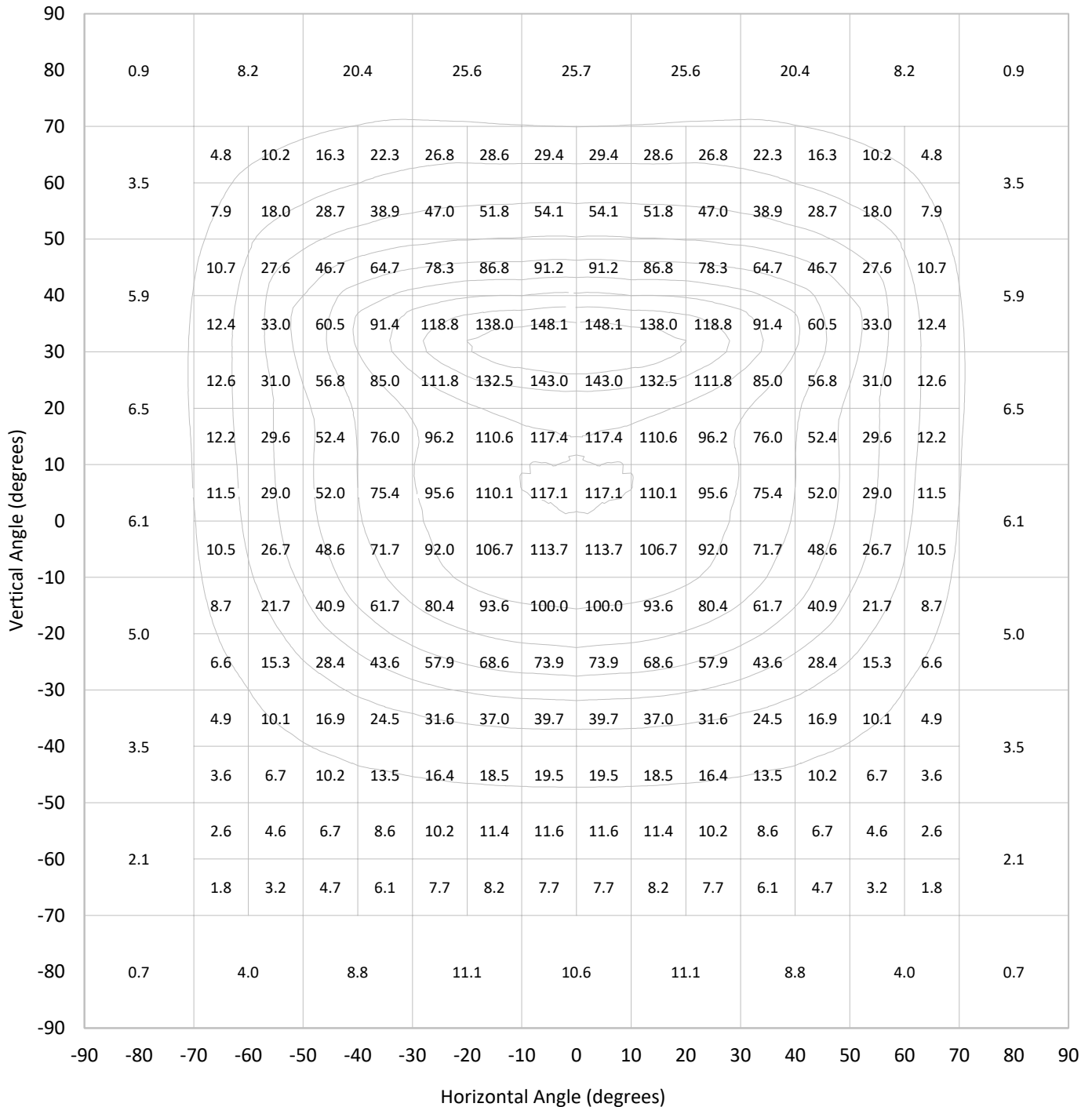
### Iso-Candela Plot





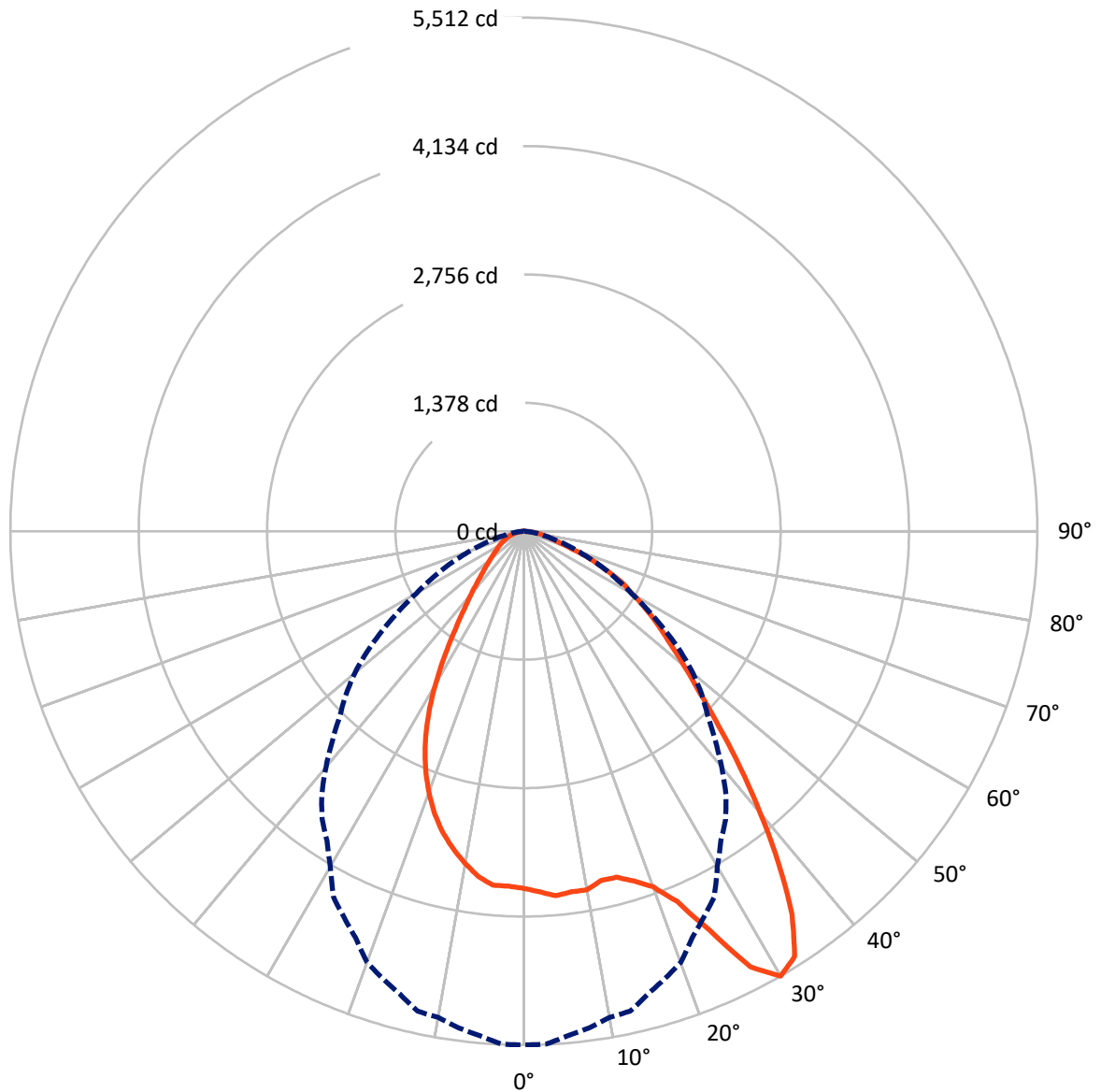
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### Lumen Table



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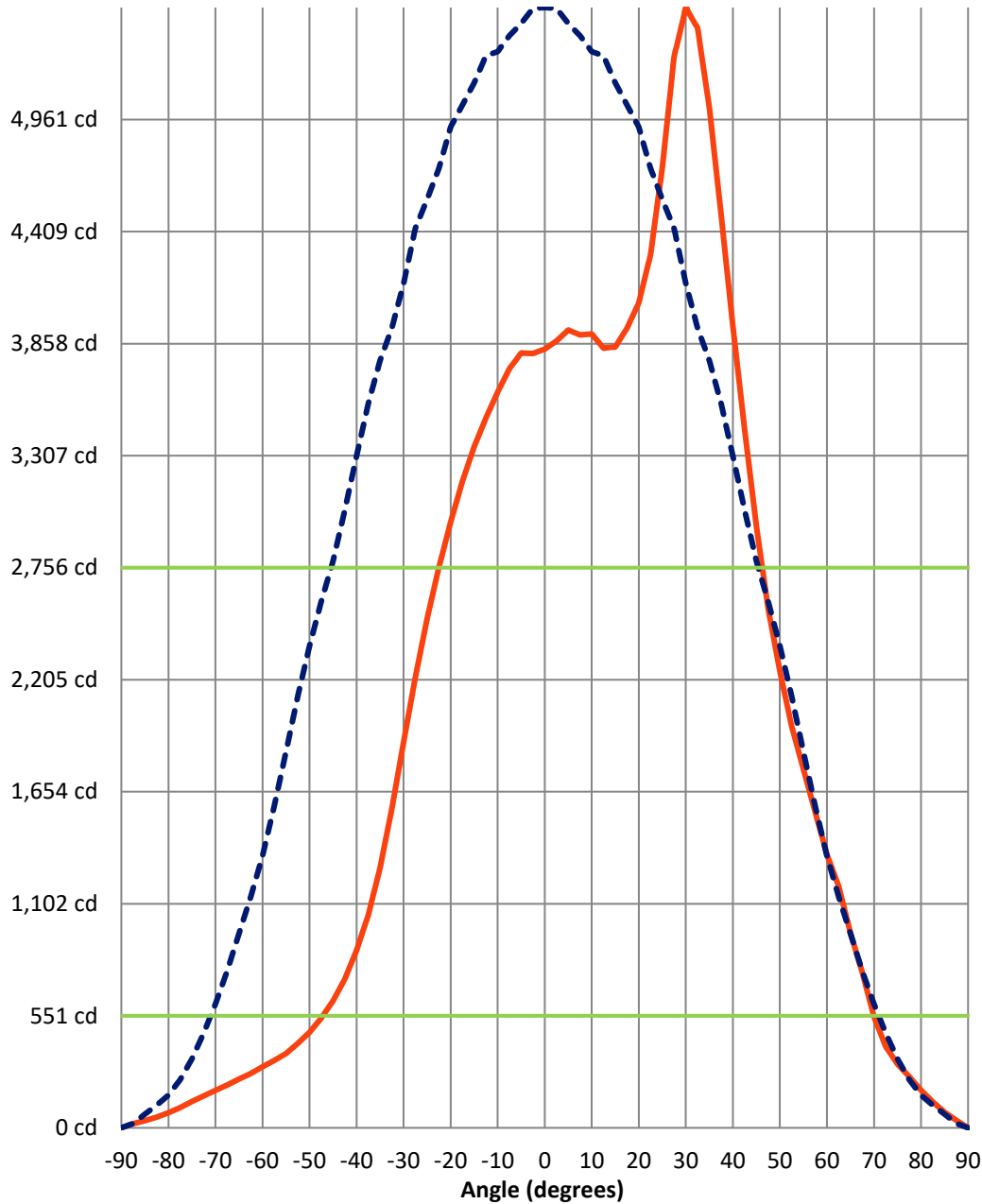
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 90.8°  
V Angle: 68.8°  
Lumens: 5350.2  
Efficiency: 58.2%

**Field:**  
H Angle: 142°  
V Angle: 117.1°  
Lumens: 8622.1  
Efficiency: 93.7%

**Spill:**  
Lumens: 578.4  
Efficiency: 6.3%

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



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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°	37.0	38.0	39.0	39.0	38.0	38.0	38.0	37.0	38.0	38.0	38.0
85°	77.0	78.9	80.9	79.9	78.9	77.0	75.0	76.0	77.0	78.0	78.0
82.5°	127.7	130.6	132.6	131.6	129.6	127.7	125.7	126.7	128.7	129.6	129.6
80°	185.2	186.2	187.1	189.1	186.2	186.2	185.2	189.1	191.0	193.0	194.9
77.5°	251.5	252.4	252.4	253.4	254.4	255.4	255.4	262.2	267.1	270.0	272.9
75°	313.8	316.8	319.7	322.6	326.5	328.5	331.4	341.1	348.9	354.8	360.6
72.5°	399.6	403.5	408.4	415.2	422.0	426.9	433.7	445.4	454.2	460.0	466.9
70°	546.8	550.7	555.6	560.4	567.3	572.1	579.0	593.6	602.3	606.2	610.1
67.5°	765.1	774.9	783.6	773.9	769.0	762.2	764.1	777.8	786.6	792.4	791.4
65°	959.1	965.9	965.9	964.9	961.0	952.3	957.1	973.7	983.4	988.3	973.7
62.5°	1187.1	1187.1	1182.3	1190.1	1191.0	1185.2	1182.3	1183.3	1184.2	1187.1	1162.8
60°	1345.0	1354.8	1357.7	1364.5	1366.5	1366.5	1371.4	1375.3	1375.3	1369.4	1341.1
57.5°	1553.6	1572.1	1576.0	1571.2	1561.4	1548.8	1546.8	1541.0	1529.3	1517.6	1503.9
55°	1764.2	1773.9	1772.9	1770.0	1760.3	1745.6	1747.6	1739.8	1721.3	1706.6	1688.1
52.5°	1975.7	1999.1	2002.9	1997.1	1983.5	1967.9	1968.8	1960.1	1941.5	1926.0	1900.6
50°	2245.6	2265.1	2263.2	2253.4	2233.9	2222.3	2223.2	2206.7	2185.2	2180.3	2147.2
47.5°	2554.6	2577.0	2573.1	2559.5	2533.2	2528.3	2533.2	2511.7	2499.1	2488.3	2449.3
45°	2960.1	2986.4	2971.8	2945.5	2903.5	2908.4	2915.2	2911.3	2884.1	2855.8	2806.1
42.5°	3435.7	3452.3	3434.7	3408.4	3355.8	3365.5	3361.6	3338.2	3321.7	3274.9	3211.5
40°	3944.5	3980.6	3953.3	3912.3	3857.7	3872.4	3861.6	3831.4	3792.4	3734.0	3654.0
37.5°	4493.2	4521.5	4490.3	4442.6	4393.8	4388.9	4367.5	4320.7	4265.2	4200.8	4073.2
35°	5018.6	5091.7	5034.2	4958.2	4898.7	4876.3	4855.8	4747.6	4684.3	4580.0	4405.5
32.5°	5409.4	5463.0	5391.9	5312.9	5240.8	5209.6	5137.5	5008.8	4974.7	4755.4	4595.6
30°	5511.8	5507.9	5433.8	5373.4	5295.4	5273.9	5141.4	5032.2	4923.1	4720.3	4568.3
27.5°	5268.1	5243.7	5172.6	5119.9	5042.9	5017.6	4887.0	4828.5	4659.9	4488.4	4359.7
25°	4725.2	4737.9	4684.3	4658.0	4607.3	4552.7	4501.0	4422.1	4316.8	4166.7	4048.8
22.5°	4297.3	4313.9	4291.5	4260.3	4221.3	4191.1	4152.1	4090.7	3989.3	3896.7	3785.6
20°	4059.5	4054.6	4035.1	4011.7	3974.7	3953.3	3910.4	3858.7	3780.7	3700.8	3580.9
17.5°	3934.7	3904.5	3886.0	3877.2	3857.7	3830.5	3779.8	3727.1	3666.7	3576.1	3488.3
15°	3842.2	3847.0	3832.4	3825.6	3810.0	3772.0	3720.3	3677.4	3595.6	3549.8	3469.8
12.5°	3836.3	3831.4	3832.4	3829.5	3810.0	3761.3	3734.9	3680.4	3627.7	3567.3	3475.7
10°	3905.5	3853.8	3857.7	3871.4	3840.2	3801.2	3773.0	3713.5	3663.8	3586.8	3496.1
7.5°	3901.6	3875.3	3883.1	3860.7	3870.4	3822.7	3783.7	3724.2	3661.8	3580.0	3498.1
5°	3925.0	3885.0	3878.2	3880.2	3855.8	3819.7	3767.1	3710.6	3652.1	3560.5	3476.7
2.5°	3871.4	3877.2	3846.1	3834.4	3831.4	3771.0	3722.3	3667.7	3607.3	3526.4	3451.3
0°	3831.4	3842.2	3810.0	3793.4	3792.4	3740.8	3709.6	3647.2	3604.3	3537.1	3446.4
-2.5°	3810.0	3822.7	3826.6	3796.3	3767.1	3727.1	3674.5	3607.3	3537.1	3459.1	3381.1
-5°	3811.9	3786.6	3775.9	3785.6	3760.3	3720.3	3661.8	3602.4	3533.2	3449.4	3351.9
-7.5°	3734.9	3709.6	3707.6	3702.8	3696.9	3658.9	3610.2	3545.9	3475.7	3397.7	3307.1
-10°	3619.9	3601.4	3596.5	3591.7	3576.1	3553.7	3507.8	3449.4	3386.0	3308.0	3211.5
-12.5°	3492.2	3483.5	3465.0	3452.3	3436.7	3410.4	3366.5	3312.9	3249.6	3180.4	3097.5
-15°	3350.9	3334.3	3315.8	3305.1	3282.7	3251.5	3207.6	3157.9	3088.7	3020.5	2942.5
-17.5°	3180.4	3159.9	3139.4	3136.5	3120.9	3073.1	3032.2	2971.8	2911.3	2846.0	2770.0
-20°	2979.6	2951.3	2937.7	2929.9	2908.4	2873.3	2829.5	2773.9	2715.4	2653.1	2565.3



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2757.3	2733.0	2709.6	2695.0	2676.4	2649.2	2607.2	2558.5	2501.0	2430.8	2349.9
-25°	2504.9	2470.8	2456.2	2439.6	2429.9	2404.5	2363.6	2318.7	2259.3	2191.1	2114.1
-27.5°	2216.4	2189.1	2181.3	2157.9	2146.2	2119.9	2085.8	2043.9	1989.3	1925.0	1861.6
-30°	1897.7	1881.1	1868.4	1845.1	1836.3	1808.0	1785.6	1750.5	1700.8	1655.0	1604.3
-32.5°	1570.2	1553.6	1549.7	1539.0	1533.2	1514.6	1489.3	1464.0	1424.0	1389.9	1348.9
-35°	1279.7	1268.0	1269.0	1268.0	1262.2	1248.6	1217.4	1210.5	1181.3	1150.1	1123.8
-37.5°	1047.8	1048.7	1047.8	1046.8	1039.0	1033.2	1010.7	1002.0	984.4	954.2	938.6
-40°	873.3	875.3	874.3	872.3	863.6	860.6	846.0	834.3	827.5	806.1	789.5
-42.5°	732.0	734.9	733.9	733.0	727.1	726.1	718.3	704.7	700.8	688.1	670.6
-45°	624.8	623.8	621.8	623.8	620.9	617.9	613.1	604.3	599.4	593.6	579.0
-47.5°	540.0	540.9	539.0	539.0	535.1	532.2	530.2	524.4	520.5	515.6	506.8
-50°	469.8	473.7	472.7	471.7	468.8	466.9	466.9	461.0	455.2	453.2	447.4
-52.5°	415.2	418.1	419.1	421.1	422.0	423.0	420.1	414.2	404.5	403.5	400.6
-55°	365.5	374.3	380.1	384.0	387.9	390.8	385.0	377.2	367.5	363.6	362.6
-57.5°	331.4	340.2	347.0	352.8	357.7	362.6	356.7	348.9	340.2	335.3	334.3
-60°	300.2	308.0	314.8	322.6	329.4	337.2	334.3	328.5	323.6	319.7	315.8
-62.5°	267.1	274.9	282.7	292.4	301.2	309.0	309.9	309.0	308.0	309.0	302.1
-65°	239.8	243.7	248.5	259.3	269.0	277.8	282.7	285.6	290.5	295.3	288.5
-67.5°	210.5	215.4	221.3	229.0	236.8	242.7	249.5	257.3	265.1	272.9	268.0
-70°	184.2	188.1	193.0	196.9	201.8	205.7	211.5	220.3	229.0	236.8	234.9
-72.5°	156.9	160.8	163.7	165.7	168.6	170.6	173.5	181.3	187.1	191.0	191.0
-75°	129.6	133.5	136.5	137.4	139.4	140.4	142.3	145.2	148.2	149.1	150.1
-77.5°	99.4	103.3	106.2	108.2	110.1	112.1	113.1	115.0	116.0	116.0	117.0
-80°	74.1	77.0	78.9	81.9	82.8	84.8	86.7	87.7	88.7	88.7	89.7
-82.5°	52.6	54.6	56.5	58.5	60.4	61.4	63.4	64.3	65.3	66.3	67.3
-85°	35.1	37.0	39.0	40.9	41.9	42.9	43.9	44.8	45.8	46.8	47.8
-87.5°	20.5	21.4	22.4	24.4	25.3	27.3	28.3	27.3	28.3	28.3	28.3
-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):**

	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°	38.0	38.0	38.0	38.0	37.0	35.1	34.1	32.2	30.2	28.3	26.3
85°	78.9	79.9	79.9	79.9	78.0	77.0	74.1	71.2	67.3	61.4	56.5
82.5°	131.6	132.6	132.6	131.6	129.6	126.7	122.8	117.9	110.1	102.3	95.5
80°	197.9	198.8	198.8	197.9	193.0	188.1	183.2	177.4	167.6	156.9	145.2
77.5°	276.8	278.8	278.8	275.8	269.0	263.2	255.4	245.6	231.0	215.4	199.8
75°	368.4	373.3	374.3	371.3	362.6	351.9	339.2	322.6	300.2	280.7	262.2
72.5°	474.7	479.5	483.4	479.5	466.9	452.2	433.7	414.2	391.8	365.5	334.3
70°	614.0	618.9	621.8	609.2	586.8	562.4	540.0	517.6	491.2	459.1	425.0
67.5°	789.5	784.6	778.8	753.4	725.2	695.9	664.7	631.6	597.5	563.4	523.4
65°	958.1	944.5	931.8	901.6	865.5	827.5	791.4	754.4	713.5	670.6	632.6
62.5°	1135.5	1106.3	1075.1	1038.0	1001.0	959.1	923.0	879.2	833.3	780.7	732.0
60°	1310.0	1274.9	1243.7	1197.9	1149.1	1092.6	1053.6	1010.7	957.1	900.6	843.1
57.5°	1478.6	1440.6	1406.5	1366.5	1313.9	1252.5	1209.6	1154.0	1097.5	1026.3	967.8
55°	1657.9	1619.9	1592.6	1547.8	1490.3	1433.7	1387.0	1328.5	1249.5	1173.5	1101.4
52.5°	1863.6	1833.4	1804.1	1758.3	1689.1	1631.6	1579.9	1514.6	1431.8	1338.2	1251.5
50°	2093.6	2078.0	2046.8	1993.2	1914.3	1863.6	1795.3	1708.6	1619.9	1521.5	1413.3
47.5°	2398.7	2373.3	2329.5	2271.0	2204.7	2128.7	2037.1	1935.7	1810.0	1700.8	1585.8
45°	2763.2	2716.4	2659.9	2580.9	2499.1	2413.3	2312.9	2184.2	2015.6	1873.3	1752.5
42.5°	3157.9	3094.6	3017.6	2914.3	2808.0	2702.8	2594.6	2419.1	2208.6	2044.9	1908.4
40°	3570.2	3489.3	3392.8	3242.7	3124.8	2989.3	2865.5	2603.3	2379.2	2201.8	2056.6
37.5°	3973.7	3871.4	3709.6	3527.3	3389.9	3278.8	3006.9	2726.2	2525.4	2330.4	2183.3
35°	4282.7	4196.0	3910.4	3721.3	3603.4	3427.9	3087.8	2800.2	2587.8	2426.0	2196.9
32.5°	4465.9	4241.8	3991.3	3800.2	3702.8	3415.2	3093.6	2821.7	2617.0	2435.7	2161.8
30°	4425.0	4154.0	3934.7	3774.9	3563.4	3305.1	3039.0	2788.5	2589.7	2370.4	2122.8
27.5°	4178.4	3968.9	3773.0	3606.3	3398.7	3166.7	2921.1	2700.8	2515.6	2303.1	2069.2
25°	3899.7	3709.6	3564.4	3419.1	3222.3	3001.0	2784.6	2625.8	2439.6	2230.0	1999.1
22.5°	3643.3	3506.9	3392.8	3240.8	3048.8	2855.8	2721.3	2556.6	2365.5	2153.0	1926.9
20°	3479.6	3387.0	3256.4	3088.7	2937.7	2816.8	2667.7	2493.2	2296.3	2074.1	1865.5
17.5°	3400.6	3293.4	3148.2	3039.0	2923.0	2790.5	2623.8	2438.6	2229.1	2038.0	1872.3
15°	3359.7	3246.6	3151.1	3043.9	2913.3	2773.9	2588.7	2396.7	2229.1	2052.7	1877.2
12.5°	3368.5	3271.0	3166.7	3049.7	2909.4	2760.3	2592.6	2414.3	2240.8	2063.4	1878.2
10°	3395.8	3293.4	3182.3	3052.7	2911.3	2764.2	2603.3	2425.0	2246.6	2068.3	1876.2
7.5°	3405.5	3294.4	3175.5	3044.9	2906.5	2762.2	2605.3	2427.9	2247.6	2067.3	1870.4
5°	3375.3	3274.9	3159.9	3028.3	2892.8	2752.5	2597.5	2424.0	2239.8	2057.5	1855.8
2.5°	3334.3	3253.5	3143.3	3016.6	2879.2	2738.8	2584.8	2406.5	2222.3	2040.0	1837.3
0°	3327.5	3227.1	3116.0	3003.0	2856.8	2708.6	2555.6	2373.3	2190.1	2006.8	1805.1
-2.5°	3282.7	3176.5	3065.3	2942.5	2813.9	2664.8	2503.9	2325.6	2144.3	1964.0	1770.0
-5°	3248.6	3130.6	3012.7	2880.2	2750.5	2601.4	2434.7	2261.2	2083.8	1908.4	1721.3
-7.5°	3202.8	3081.9	2958.1	2819.7	2679.4	2527.3	2362.6	2189.1	2014.6	1840.2	1660.8
-10°	3110.2	3003.9	2888.0	2744.7	2596.5	2444.5	2280.7	2110.2	1935.7	1759.3	1579.0
-12.5°	2998.1	2886.0	2759.3	2627.7	2495.2	2353.8	2190.1	2022.4	1847.0	1669.6	1490.3
-15°	2852.9	2742.7	2613.1	2484.4	2356.8	2221.3	2077.0	1926.0	1747.6	1573.1	1393.8
-17.5°	2671.6	2568.3	2452.3	2329.5	2202.8	2066.3	1926.0	1798.3	1631.6	1467.9	1290.5
-20°	2476.6	2380.1	2275.9	2159.9	2033.2	1899.6	1767.1	1633.5	1489.3	1345.0	1180.3



REPORT NUMBER: P722222

CATALOG NUMBER: IFLD-S-SA2C-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°	2273.9	2176.4	2071.2	1963.0	1846.0	1722.2	1599.4	1471.8	1345.0	1214.4	1075.1
-25°	2040.0	1954.2	1857.7	1752.5	1648.2	1540.0	1423.0	1307.0	1198.8	1085.8	971.7
-27.5°	1795.3	1716.4	1628.7	1537.1	1447.4	1356.7	1255.4	1148.2	1058.5	964.9	870.4
-30°	1538.0	1474.7	1403.5	1323.6	1254.4	1181.3	1096.5	1007.8	925.9	854.8	778.8
-32.5°	1294.4	1240.8	1190.1	1137.4	1069.2	1012.7	954.2	888.9	816.8	749.5	694.9
-35°	1084.8	1027.3	1005.9	966.9	918.1	868.4	825.5	778.8	724.2	664.7	619.9
-37.5°	908.4	874.3	844.1	822.6	790.5	750.5	716.4	682.3	640.4	595.5	550.7
-40°	771.0	747.6	714.4	703.7	683.2	656.0	620.9	594.5	566.3	532.2	494.2
-42.5°	660.8	643.3	621.8	603.3	594.5	575.1	547.8	522.4	500.0	476.6	447.4
-45°	570.2	558.5	544.8	528.3	521.4	505.9	486.4	458.1	445.4	425.9	404.5
-47.5°	497.1	491.2	481.5	470.8	461.0	449.3	431.8	414.2	396.7	384.0	367.5
-50°	439.6	435.7	429.8	421.1	408.4	400.6	388.9	373.3	356.7	346.0	334.3
-52.5°	393.8	389.9	386.0	379.1	369.4	361.6	351.9	339.2	325.5	314.8	305.1
-55°	358.7	352.8	349.9	344.1	336.3	327.5	318.7	309.9	298.2	288.5	278.8
-57.5°	331.4	323.6	319.7	314.8	307.0	298.2	291.4	282.7	274.9	264.1	255.4
-60°	309.9	301.2	293.4	288.5	281.7	272.9	266.1	259.3	251.5	242.7	232.0
-62.5°	292.4	281.7	271.0	265.1	258.3	250.5	243.7	236.8	229.0	220.3	210.5
-65°	275.8	263.2	249.5	243.7	236.8	229.0	220.3	215.4	208.6	200.8	191.0
-67.5°	255.4	241.7	230.0	223.2	216.4	209.6	201.8	196.9	190.1	180.3	170.6
-70°	225.1	216.4	208.6	202.7	196.9	191.0	183.2	175.4	167.6	158.9	150.1
-72.5°	187.1	184.2	183.2	180.3	173.5	166.7	158.9	151.1	144.3	137.4	130.6
-75°	151.1	153.0	155.0	154.0	147.2	140.4	133.5	126.7	121.8	116.0	110.1
-77.5°	119.9	121.8	123.8	123.8	118.9	115.0	110.1	105.3	101.4	96.5	90.6
-80°	92.6	95.5	98.4	100.4	96.5	93.6	89.7	85.8	81.9	78.0	74.1
-82.5°	70.2	73.1	76.0	78.0	75.0	73.1	70.2	67.3	64.3	60.4	57.5
-85°	50.7	52.6	54.6	55.6	53.6	51.7	49.7	47.8	45.8	42.9	40.9
-87.5°	29.2	30.2	31.2	32.2	30.2	28.3	27.3	25.3	24.4	22.4	21.4
-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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 CATALOG NUMBER: IFLD-S-SA2C-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°	24.4	22.4	20.5	19.5	17.5	14.6	12.7	10.7	8.8	6.8	5.8
85°	51.7	46.8	40.9	38.0	34.1	30.2	26.3	22.4	18.5	14.6	10.7
82.5°	88.7	82.8	77.0	70.2	61.4	50.7	40.0	33.1	27.3	21.4	16.6
80°	133.5	122.8	113.1	104.3	94.5	80.9	66.3	52.6	37.0	28.3	21.4
77.5°	185.2	172.5	158.9	144.3	128.7	110.1	93.6	76.0	57.5	39.0	27.3
75°	243.7	227.1	208.6	188.1	167.6	143.3	119.9	99.4	78.0	54.6	33.1
72.5°	309.0	288.5	266.1	238.8	206.6	178.4	150.1	122.8	97.5	69.2	44.8
70°	392.8	360.6	327.5	298.2	257.3	212.5	179.3	148.2	116.0	84.8	56.5
67.5°	482.5	443.5	403.5	360.6	309.0	256.3	208.6	173.5	135.5	99.4	67.3
65°	579.9	531.2	480.5	432.8	361.6	299.2	245.6	197.9	154.0	113.1	78.0
62.5°	680.3	622.8	564.3	502.0	420.1	343.1	280.7	225.1	171.5	125.7	87.7
60°	787.5	720.3	649.1	571.2	475.6	390.8	313.8	253.4	190.1	138.4	98.4
57.5°	900.6	827.5	743.7	638.4	533.1	436.7	351.9	278.8	206.6	150.1	106.2
55°	1023.4	939.6	848.0	708.6	589.7	482.5	389.9	304.1	224.2	159.8	114.0
52.5°	1156.0	1058.5	942.5	782.7	649.1	529.2	425.0	326.5	240.7	170.6	120.9
50°	1304.1	1181.3	1025.4	850.9	700.8	573.1	460.0	350.9	254.4	182.3	126.7
47.5°	1458.1	1325.6	1099.4	914.2	753.4	616.0	496.1	372.3	268.0	192.0	132.6
45°	1618.9	1425.9	1176.4	970.8	799.2	655.0	523.4	391.8	284.6	200.8	137.4
42.5°	1777.8	1502.0	1243.7	1027.3	842.1	690.1	545.8	410.3	298.2	209.6	142.3
40°	1852.8	1559.5	1297.3	1066.3	878.2	721.3	565.3	426.9	309.9	215.4	147.2
37.5°	1884.0	1594.6	1332.4	1103.3	906.4	737.8	581.9	441.5	319.7	221.3	151.1
35°	1890.9	1607.2	1349.9	1128.7	929.8	753.4	594.5	452.2	327.5	227.1	155.0
32.5°	1878.2	1603.3	1354.8	1137.4	944.5	765.1	603.3	460.0	333.3	232.9	158.9
30°	1849.9	1582.9	1337.2	1136.5	955.2	771.9	609.2	465.9	339.2	236.8	160.8
27.5°	1804.1	1546.8	1314.8	1137.4	961.0	774.9	612.1	468.8	343.1	239.8	164.7
25°	1747.6	1498.1	1315.8	1135.5	962.0	775.8	612.1	468.8	344.1	240.7	167.6
22.5°	1682.3	1498.1	1315.8	1132.6	956.2	773.9	609.2	466.9	344.1	242.7	170.6
20°	1686.2	1499.0	1312.9	1126.7	947.4	768.0	602.3	462.0	341.1	245.6	172.5
17.5°	1689.1	1497.1	1307.0	1118.9	935.7	758.3	593.6	455.2	341.1	248.5	173.5
15°	1689.1	1491.2	1298.3	1107.2	921.1	744.6	580.9	449.3	342.1	249.5	175.4
12.5°	1686.2	1480.5	1284.6	1091.6	903.5	728.1	573.1	447.4	342.1	250.5	175.4
10°	1680.3	1465.9	1267.1	1072.1	887.0	722.2	569.2	443.5	340.2	250.5	175.4
7.5°	1669.6	1448.4	1252.5	1060.4	877.2	715.4	563.4	437.6	337.2	248.5	177.4
5°	1653.0	1438.6	1240.8	1046.8	863.6	710.5	559.5	432.8	335.3	248.5	175.4
2.5°	1631.6	1426.9	1227.1	1029.3	848.0	694.0	546.8	422.0	328.5	244.6	173.5
0°	1596.5	1403.5	1203.7	1004.9	826.5	677.4	534.1	411.3	321.6	240.7	171.5
-2.5°	1564.3	1372.3	1173.5	979.5	806.1	662.8	524.4	405.5	318.7	239.8	170.6
-5°	1519.5	1329.5	1133.5	946.4	778.8	648.2	514.6	398.6	315.8	237.8	170.6
-7.5°	1469.8	1284.6	1091.6	912.3	751.5	622.8	496.1	387.9	309.0	233.9	169.6
-10°	1392.8	1217.4	1039.0	873.3	722.2	600.4	480.5	378.2	303.1	230.0	165.7
-12.5°	1310.9	1143.3	978.6	825.5	689.1	577.0	463.0	367.5	296.3	226.1	163.7
-15°	1224.2	1067.3	915.2	775.8	653.0	548.7	444.5	355.8	289.5	221.3	160.8
-17.5°	1133.5	987.3	849.9	725.2	617.0	519.5	425.0	345.0	281.7	216.4	157.9
-20°	1038.0	905.5	783.6	673.5	579.0	490.3	404.5	332.4	272.9	210.5	154.0



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 CATALOG NUMBER: IFLD-S-SA2C-927-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	943.5	824.6	715.4	622.8	540.0	460.0	384.0	319.7	263.2	203.7	151.1
-25°	859.7	748.5	655.0	574.1	502.0	430.8	362.6	307.0	252.4	196.9	147.2
-27.5°	777.8	683.2	595.5	528.3	464.9	402.5	342.1	293.4	241.7	189.1	143.3
-30°	701.8	620.9	548.7	483.4	429.8	377.2	324.6	279.7	230.0	181.3	138.4
-32.5°	632.6	567.3	506.8	444.5	396.7	351.9	308.0	266.1	218.3	173.5	133.5
-35°	568.2	517.6	464.9	412.3	363.6	328.5	290.5	251.5	207.6	164.7	128.7
-37.5°	510.7	469.8	427.9	383.0	341.1	306.0	273.9	236.8	196.9	156.9	123.8
-40°	461.0	427.9	390.8	354.8	319.7	286.6	257.3	222.2	186.2	151.1	118.9
-42.5°	415.2	389.9	359.7	329.4	298.2	269.0	240.7	206.6	175.4	144.3	114.0
-45°	380.1	354.8	330.4	303.1	276.8	251.5	223.2	193.0	165.7	136.5	109.2
-47.5°	347.0	324.6	302.1	279.7	258.3	234.9	206.6	181.3	155.0	129.6	105.3
-50°	317.7	296.3	276.8	257.3	238.8	216.4	190.1	169.6	146.2	122.8	100.4
-52.5°	290.5	271.9	252.4	236.8	221.3	198.8	177.4	157.9	137.4	115.0	95.5
-55°	266.1	248.5	231.0	216.4	201.8	182.3	164.7	148.2	128.7	109.2	90.6
-57.5°	242.7	228.1	211.5	197.9	183.2	167.6	153.0	137.4	119.9	103.3	85.8
-60°	221.3	207.6	193.0	179.3	166.7	154.0	140.4	127.7	112.1	96.5	80.9
-62.5°	199.8	188.1	175.4	161.8	152.0	140.4	129.6	117.0	104.3	90.6	72.1
-65°	180.3	169.6	157.9	146.2	137.4	128.7	118.9	107.2	96.5	83.8	64.3
-67.5°	160.8	151.1	141.3	131.6	123.8	117.0	107.2	98.4	89.7	76.0	56.5
-70°	142.3	134.5	125.7	117.9	112.1	104.3	97.5	89.7	81.9	66.3	47.8
-72.5°	124.8	117.0	110.1	104.3	99.4	92.6	86.7	80.9	70.2	55.6	40.0
-75°	104.3	99.4	95.5	90.6	85.8	80.9	76.0	69.2	58.5	44.8	31.2
-77.5°	85.8	82.8	79.9	76.0	72.1	68.2	62.4	55.6	46.8	35.1	25.3
-80°	70.2	67.3	65.3	61.4	58.5	54.6	48.7	42.9	34.1	27.3	20.5
-82.5°	53.6	51.7	49.7	47.8	44.8	40.9	35.1	30.2	25.3	20.5	15.6
-85°	38.0	37.0	35.1	33.1	30.2	27.3	23.4	20.5	17.5	13.6	10.7
-87.5°	19.5	18.5	17.5	16.6	15.6	13.6	11.7	9.7	8.8	6.8	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



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CATALOG NUMBER: IFLD-S-SA2C-927-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	3.9	2.9	1.0	0.0
85°	7.8	4.9	1.9	0.0
82.5°	11.7	7.8	2.9	0.0
80°	15.6	9.7	4.9	0.0
77.5°	19.5	11.7	5.8	0.0
75°	23.4	14.6	6.8	0.0
72.5°	26.3	16.6	7.8	0.0
70°	31.2	19.5	8.8	0.0
67.5°	39.0	21.4	9.7	0.0
65°	45.8	23.4	10.7	0.0
62.5°	53.6	25.3	11.7	0.0
60°	60.4	27.3	12.7	0.0
57.5°	67.3	32.2	13.6	0.0
55°	73.1	36.1	14.6	0.0
52.5°	79.9	40.0	15.6	0.0
50°	85.8	43.9	16.6	0.0
47.5°	90.6	47.8	16.6	0.0
45°	94.5	50.7	17.5	0.0
42.5°	97.5	53.6	18.5	0.0
40°	100.4	56.5	19.5	0.0
37.5°	103.3	59.5	19.5	0.0
35°	106.2	62.4	20.5	0.0
32.5°	109.2	65.3	20.5	0.0
30°	111.1	67.3	21.4	0.0
27.5°	114.0	69.2	21.4	0.0
25°	115.0	71.2	22.4	0.0
22.5°	117.0	72.1	22.4	0.0
20°	118.9	74.1	22.4	0.0
17.5°	119.9	75.0	23.4	0.0
15°	119.9	76.0	24.4	0.0
12.5°	120.9	77.0	24.4	0.0
10°	120.9	78.9	23.4	0.0
7.5°	122.8	78.0	23.4	0.0
5°	121.8	78.0	23.4	0.0
2.5°	120.9	77.0	23.4	0.0
0°	119.9	77.0	23.4	0.0
-2.5°	119.9	77.0	23.4	0.0
-5°	119.9	77.0	23.4	0.0
-7.5°	118.9	78.0	23.4	0.0
-10°	117.0	78.0	23.4	0.0
-12.5°	116.0	75.0	23.4	0.0
-15°	115.0	74.1	23.4	0.0
-17.5°	113.1	73.1	22.4	0.0
-20°	111.1	72.1	22.4	0.0



REPORT NUMBER: P722222

CATALOG NUMBER: IFLD-S-SA2C-927-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	109.2	70.2	22.4	0.0
-25°	107.2	68.2	21.4	0.0
-27.5°	105.3	66.3	21.4	0.0
-30°	102.3	64.3	20.5	0.0
-32.5°	99.4	62.4	20.5	0.0
-35°	97.5	59.5	19.5	0.0
-37.5°	94.5	56.5	19.5	0.0
-40°	91.6	53.6	18.5	0.0
-42.5°	88.7	50.7	17.5	0.0
-45°	84.8	47.8	17.5	0.0
-47.5°	81.9	44.8	16.6	0.0
-50°	77.0	40.9	15.6	0.0
-52.5°	71.2	37.0	14.6	0.0
-55°	65.3	34.1	13.6	0.0
-57.5°	59.5	30.2	13.6	0.0
-60°	53.6	26.3	12.7	0.0
-62.5°	47.8	24.4	11.7	0.0
-65°	41.9	22.4	10.7	0.0
-67.5°	35.1	19.5	9.7	0.0
-70°	29.2	17.5	8.8	0.0
-72.5°	25.3	15.6	7.8	0.0
-75°	21.4	13.6	6.8	0.0
-77.5°	18.5	11.7	5.8	0.0
-80°	14.6	8.8	3.9	0.0
-82.5°	10.7	6.8	2.9	0.0
-85°	6.8	4.9	1.9	0.0
-87.5°	3.9	1.9	1.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)