

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: P722174

Luminaire Tested: **IFLD-S-SA6C-827-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722174
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-827-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

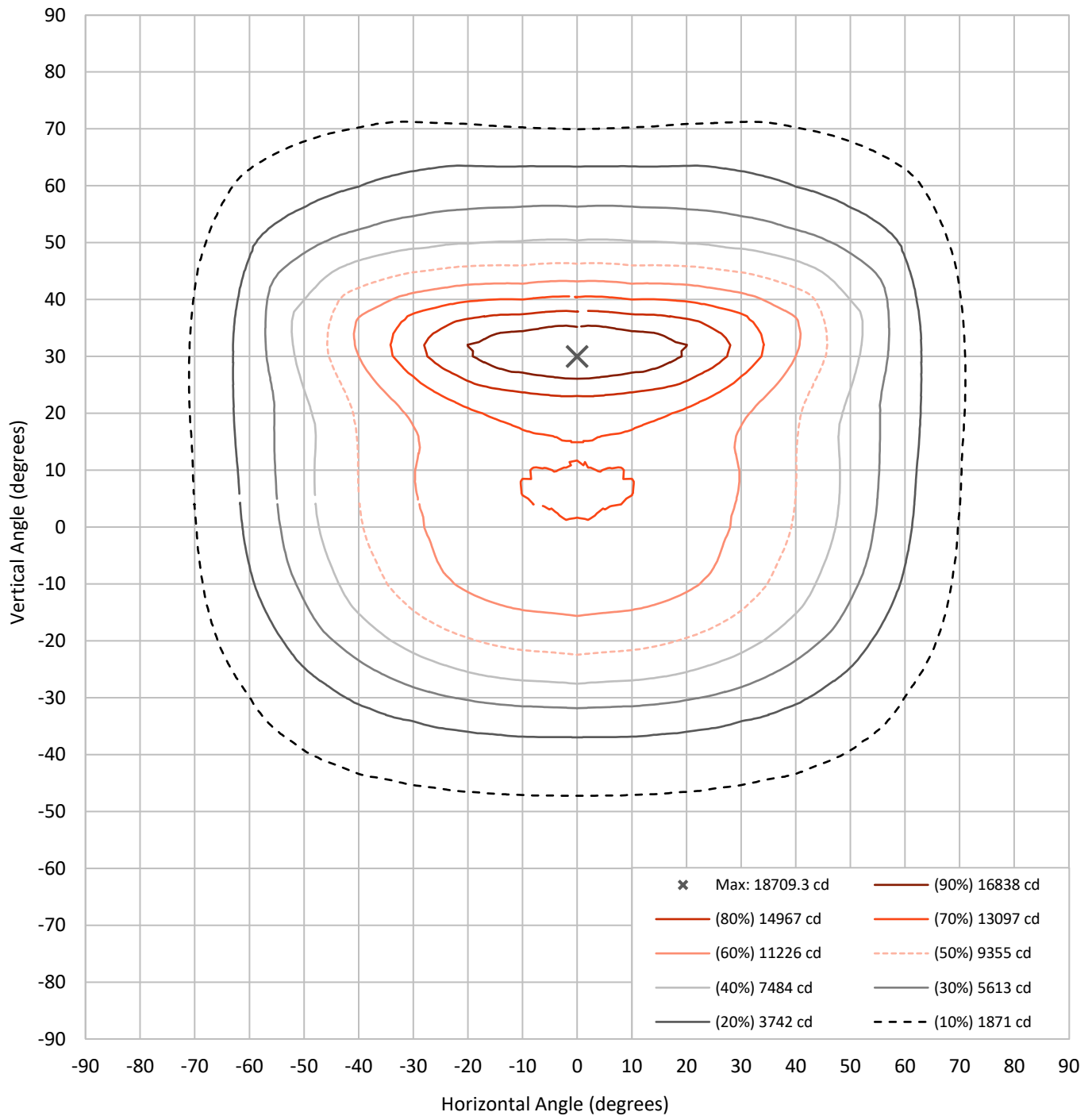
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	31230.5 lumens	Max Intensity:	18709.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	97.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	18160.9 lumens	Field Lumens:	29267 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 321.5
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



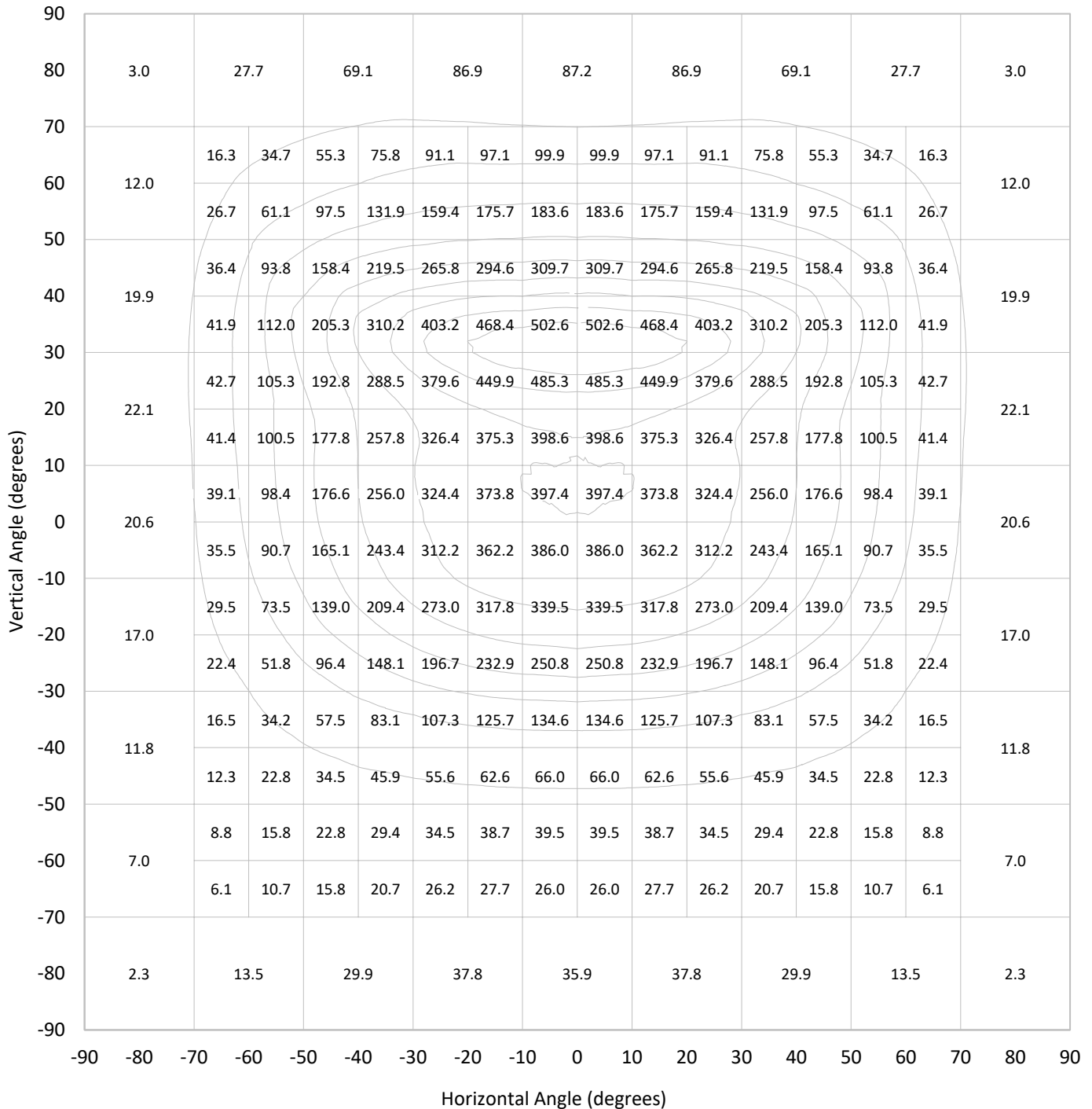
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Iso-Candela Plot



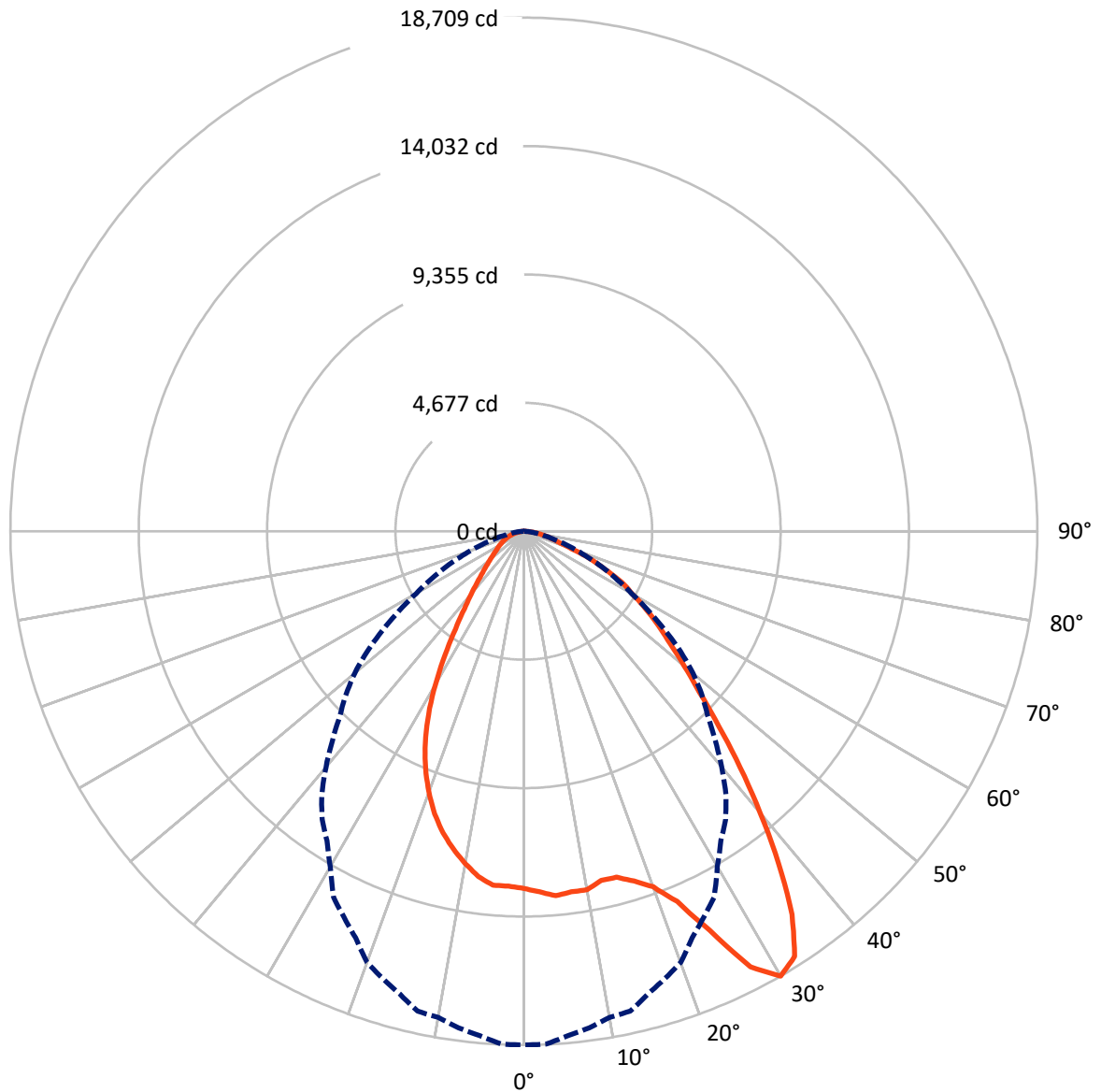
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Lumen Table



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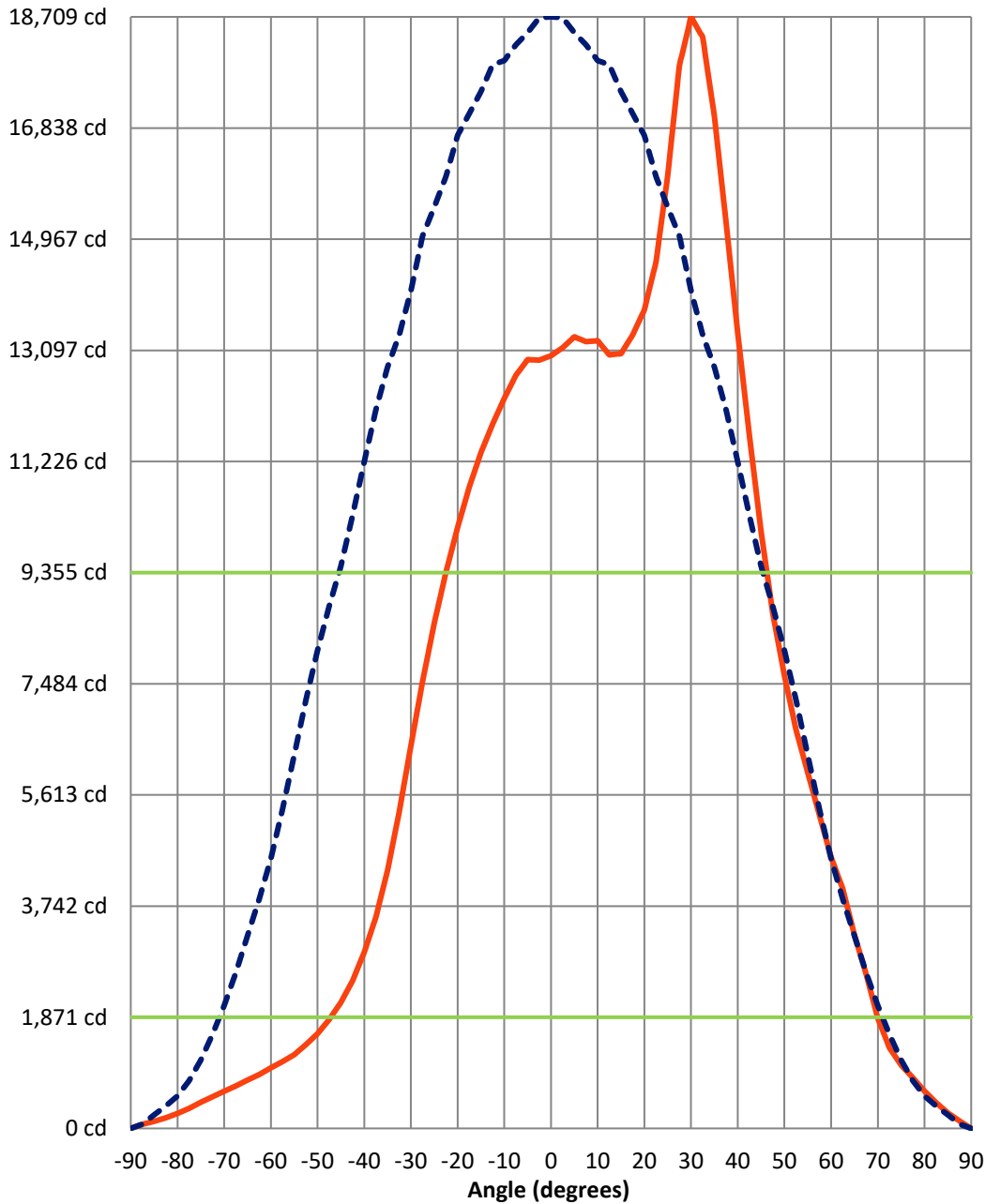
Luminous Intensity Polar Plot



— 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: 18160.9
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 29267
 Efficiency: 93.7%

Spill:
 Lumens: 1963.5
 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°	125.7	129.0	132.3	132.3	129.0	129.0	129.0	125.7	129.0	129.0	129.0
85°	261.4	268.0	274.6	271.3	268.0	261.4	254.8	258.1	261.4	264.7	264.7
82.5°	433.4	443.3	449.9	446.6	440.0	433.4	426.8	430.1	436.7	440.0	440.0
80°	628.6	631.9	635.2	641.8	631.9	631.9	628.6	641.8	648.5	655.1	661.7
77.5°	853.6	856.9	856.9	860.2	863.5	866.8	866.8	890.0	906.5	916.4	926.4
75°	1065.3	1075.2	1085.2	1095.1	1108.3	1114.9	1124.9	1158.0	1184.4	1204.3	1224.1
72.5°	1356.5	1369.7	1386.2	1409.4	1432.6	1449.1	1472.3	1512.0	1541.7	1561.6	1584.7
70°	1856.0	1869.3	1885.8	1902.4	1925.5	1942.1	1965.2	2014.8	2044.6	2057.9	2071.1
67.5°	2597.1	2630.2	2660.0	2626.9	2610.4	2587.2	2593.8	2640.1	2669.9	2689.8	2686.5
65°	3255.5	3278.7	3278.7	3275.4	3262.1	3232.4	3248.9	3305.1	3338.2	3354.8	3305.1
62.5°	4029.7	4029.7	4013.1	4039.6	4042.9	4023.1	4013.1	4016.5	4019.8	4029.7	3947.0
60°	4565.7	4598.7	4608.7	4631.8	4638.4	4638.4	4655.0	4668.2	4668.2	4648.4	4552.4
57.5°	5273.7	5336.5	5349.8	5333.2	5300.1	5257.1	5250.5	5230.7	5191.0	5151.3	5104.9
55°	5988.3	6021.4	6018.1	6008.1	5975.1	5925.4	5932.0	5905.6	5842.7	5793.1	5730.2
52.5°	6706.2	6785.6	6798.9	6779.0	6732.7	6679.8	6683.1	6653.3	6590.4	6537.5	6451.5
50°	7622.7	7688.8	7682.2	7649.1	7583.0	7543.3	7546.6	7490.3	7417.5	7401.0	7288.5
47.5°	8671.4	8747.5	8734.3	8688.0	8598.7	8582.1	8598.7	8525.9	8482.9	8446.5	8314.1
45°	10047.8	10137.1	10087.5	9998.1	9855.9	9872.4	9895.6	9882.3	9789.7	9693.8	9525.0
42.5°	11662.3	11718.5	11659.0	11569.6	11391.0	11424.1	11410.8	11331.4	11275.2	11116.4	10901.3
40°	13389.3	13511.7	13419.1	13280.1	13094.8	13144.5	13108.1	13005.5	12873.2	12674.7	12403.4
37.5°	15251.9	15347.9	15242.0	15079.9	14914.5	14897.9	14825.2	14666.3	14477.8	14259.4	13826.0
35°	17035.2	17283.3	17088.1	16830.1	16628.3	16552.2	16482.7	16115.4	15900.4	15546.4	14954.2
32.5°	18361.9	18543.8	18302.3	18034.3	17789.5	17683.7	17438.8	17002.1	16886.3	16141.9	15599.3
30°	18709.3	18696.0	18444.6	18239.5	17974.8	17902.0	17452.1	17081.5	16711.0	16022.8	15506.7
27.5°	17882.2	17799.4	17557.9	17379.3	17117.9	17031.9	16588.6	16390.0	15817.7	15235.4	14798.7
25°	16039.4	16082.4	15900.4	15811.1	15639.0	15453.8	15278.4	15010.4	14653.1	14143.6	13743.3
22.5°	14586.9	14643.2	14567.1	14461.2	14328.9	14226.3	14094.0	13885.6	13541.5	13227.2	12850.0
20°	13779.7	13763.1	13697.0	13617.6	13491.8	13419.1	13273.5	13098.1	12833.5	12562.2	12155.2
17.5°	13356.2	13253.6	13190.8	13161.0	13094.8	13002.2	12830.2	12651.5	12446.4	12138.7	11840.9
15°	13041.9	13058.4	13008.8	12985.7	12932.7	12803.7	12628.3	12482.8	12204.9	12049.4	11778.1
12.5°	13022.0	13005.5	13008.8	12998.9	12932.7	12767.3	12678.0	12492.7	12314.0	12108.9	11797.9
10°	13256.9	13081.6	13094.8	13141.2	13035.3	12902.9	12807.0	12605.2	12436.5	12175.1	11867.4
7.5°	13243.7	13154.4	13180.9	13104.8	13137.8	12975.7	12843.4	12641.6	12429.8	12151.9	11874.0
5°	13323.1	13187.5	13164.3	13170.9	13088.2	12965.8	12787.1	12595.3	12396.8	12085.8	11801.2
2.5°	13141.2	13161.0	13055.1	13015.4	13005.5	12800.4	12635.0	12449.7	12244.6	11970.0	11715.2
0°	13005.5	13041.9	12932.7	12876.5	12873.2	12697.8	12592.0	12380.2	12234.6	12006.4	11698.7
-2.5°	12932.7	12975.7	12989.0	12886.4	12787.1	12651.5	12472.8	12244.6	12006.4	11741.7	11477.0
-5°	12939.3	12853.3	12816.9	12850.0	12764.0	12628.3	12429.8	12228.0	11993.1	11708.6	11377.8
-7.5°	12678.0	12592.0	12585.3	12568.8	12548.9	12419.9	12254.5	12036.1	11797.9	11533.2	11225.6
-10°	12287.6	12224.7	12208.2	12191.6	12138.7	12062.6	11907.1	11708.6	11493.5	11228.9	10901.3
-12.5°	11854.2	11824.4	11761.5	11718.5	11665.6	11576.3	11427.4	11245.4	11030.4	10795.5	10514.2
-15°	11374.4	11318.2	11255.3	11218.9	11142.9	11037.0	10888.1	10719.4	10484.5	10252.9	9988.2
-17.5°	10795.5	10726.0	10656.5	10646.6	10593.6	10431.5	10292.6	10087.5	9882.3	9660.7	9402.6
-20°	10113.9	10018.0	9971.7	9945.2	9872.4	9753.3	9604.4	9415.8	9217.3	9005.6	8707.8



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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°	9359.6	9276.9	9197.5	9147.9	9085.0	8992.4	8850.1	8684.7	8489.5	8251.3	7976.7
-25°	8502.7	8386.9	8337.3	8281.0	8248.0	8161.9	8023.0	7870.8	7669.0	7437.4	7176.0
-27.5°	7523.4	7430.8	7404.3	7324.9	7285.2	7195.9	7080.1	6937.8	6752.5	6534.2	6319.1
-30°	6441.5	6385.3	6342.3	6262.9	6233.1	6137.2	6061.1	5942.0	5773.2	5617.7	5445.7
-32.5°	5329.9	5273.7	5260.4	5224.0	5204.2	5141.3	5055.3	4969.3	4833.6	4717.8	4578.9
-35°	4344.0	4304.3	4307.6	4304.3	4284.4	4238.1	4132.3	4109.1	4009.8	3904.0	3814.6
-37.5°	3556.6	3559.9	3556.6	3553.3	3526.8	3507.0	3430.9	3401.1	3341.5	3239.0	3186.0
-40°	2964.4	2971.0	2967.7	2961.1	2931.3	2921.4	2871.7	2832.0	2808.9	2736.1	2679.8
-42.5°	2484.6	2494.6	2491.3	2488.0	2468.1	2464.8	2438.3	2392.0	2378.8	2335.8	2276.2
-45°	2120.7	2117.4	2110.8	2117.4	2107.5	2097.6	2081.0	2051.2	2034.7	2014.8	1965.2
-47.5°	1832.9	1836.2	1829.6	1829.6	1816.3	1806.4	1799.8	1779.9	1766.7	1750.2	1720.4
-50°	1594.7	1607.9	1604.6	1601.3	1591.4	1584.7	1584.7	1564.9	1545.0	1538.4	1518.6
-52.5°	1409.4	1419.3	1422.6	1429.2	1432.6	1435.9	1425.9	1406.1	1373.0	1369.7	1359.8
-55°	1240.7	1270.4	1290.3	1303.5	1316.8	1326.7	1306.8	1280.4	1247.3	1234.1	1230.7
-57.5°	1124.9	1154.6	1177.8	1197.7	1214.2	1230.7	1210.9	1184.4	1154.6	1138.1	1134.8
-60°	1019.0	1045.5	1068.6	1095.1	1118.3	1144.7	1134.8	1114.9	1098.4	1085.2	1071.9
-62.5°	906.5	933.0	959.4	992.5	1022.3	1048.8	1052.1	1048.8	1045.5	1048.8	1025.6
-65°	813.9	827.1	843.7	880.0	913.1	942.9	959.4	969.4	985.9	1002.5	979.3
-67.5°	714.6	731.2	751.0	777.5	804.0	823.8	847.0	873.4	899.9	926.4	909.8
-70°	625.3	638.5	655.1	668.3	684.8	698.1	717.9	747.7	777.5	804.0	797.3
-72.5°	532.7	545.9	555.8	562.4	572.4	579.0	588.9	615.4	635.2	648.5	648.5
-75°	440.0	453.3	463.2	466.5	473.1	476.4	483.0	493.0	502.9	506.2	509.5
-77.5°	337.5	350.7	360.6	367.2	373.9	380.5	383.8	390.4	393.7	393.7	397.0
-80°	251.4	261.4	268.0	277.9	281.2	287.8	294.5	297.8	301.1	301.1	304.4
-82.5°	178.7	185.3	191.9	198.5	205.1	208.4	215.0	218.4	221.7	225.0	228.3
-85°	119.1	125.7	132.3	139.0	142.3	145.6	148.9	152.2	155.5	158.8	162.1
-87.5°	69.5	72.8	76.1	82.7	86.0	92.6	95.9	92.6	95.9	95.9	95.9
-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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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°	129.0	129.0	129.0	129.0	125.7	119.1	115.8	109.2	102.6	95.9	89.3
85°	268.0	271.3	271.3	271.3	264.7	261.4	251.4	241.5	228.3	208.4	191.9
82.5°	446.6	449.9	449.9	446.6	440.0	430.1	416.9	400.3	373.9	347.4	324.2
80°	671.6	674.9	674.9	671.6	655.1	638.5	622.0	602.1	569.1	532.7	493.0
77.5°	939.6	946.2	946.2	936.3	913.1	893.3	866.8	833.7	784.1	731.2	678.2
75°	1250.6	1267.1	1270.4	1260.5	1230.7	1194.3	1151.3	1095.1	1019.0	952.8	890.0
72.5°	1611.2	1627.8	1641.0	1627.8	1584.7	1535.1	1472.3	1406.1	1330.0	1240.7	1134.8
70°	2084.3	2100.9	2110.8	2067.8	1991.7	1909.0	1832.9	1756.8	1667.5	1558.3	1442.5
67.5°	2679.8	2663.3	2643.4	2557.4	2461.5	2362.2	2256.4	2143.9	2028.1	1912.3	1776.6
65°	3252.2	3205.9	3162.9	3060.3	2937.9	2808.9	2686.5	2560.7	2421.8	2276.2	2147.2
62.5°	3854.3	3755.1	3649.2	3523.5	3397.8	3255.5	3133.1	2984.2	2828.7	2650.1	2484.6
60°	4446.6	4327.4	4221.6	4066.1	3900.7	3708.8	3576.4	3430.9	3248.9	3057.0	2861.8
57.5°	5018.9	4889.9	4774.1	4638.4	4459.8	4251.4	4105.8	3917.2	3725.3	3483.8	3285.3
55°	5627.7	5498.6	5406.0	5253.8	5058.6	4866.7	4707.9	4509.4	4241.4	3983.4	3738.5
52.5°	6325.8	6223.2	6123.9	5968.4	5733.5	5538.3	5363.0	5141.3	4860.1	4542.5	4248.0
50°	7106.5	7053.6	6947.7	6765.8	6497.8	6325.8	6094.2	5799.7	5498.6	5164.5	4797.2
47.5°	8142.1	8056.1	7907.2	7708.7	7483.7	7225.6	6914.7	6570.6	6143.8	5773.2	5382.8
45°	9379.4	9220.6	9028.8	8760.8	8482.9	8191.7	7850.9	7414.2	6841.9	6358.8	5948.6
42.5°	10719.4	10504.3	10243.0	9892.3	9531.6	9174.3	8807.1	8211.6	7496.9	6941.1	6477.9
40°	12118.8	11844.2	11516.7	11007.2	10606.9	10147.0	9726.8	8836.9	8075.9	7473.8	6980.8
37.5°	13488.5	13141.2	12592.0	11973.3	11506.8	11129.6	10206.6	9253.7	8572.2	7910.5	7410.9
35°	14537.3	14242.9	13273.5	12631.7	12231.3	11635.8	10481.2	9505.2	8783.9	8234.7	7457.2
32.5°	15159.3	14398.4	13548.1	12899.6	12568.8	11592.8	10501.0	9578.0	8883.2	8267.8	7338.1
30°	15020.4	14100.6	13356.2	12813.6	12095.7	11218.9	10315.7	9465.5	8790.5	8046.1	7205.8
27.5°	14183.3	13472.0	12807.0	12241.3	11536.6	10749.1	9915.4	9167.7	8539.1	7817.9	7023.8
25°	13237.1	12592.0	12099.0	11606.0	10937.7	10186.7	9452.2	8913.0	8281.0	7569.7	6785.6
22.5°	12367.0	11903.8	11516.7	11000.6	10348.8	9693.8	9237.2	8678.1	8029.6	7308.4	6540.8
20°	11811.2	11496.9	11053.5	10484.5	9971.7	9561.4	9055.2	8463.0	7794.7	7040.4	6332.4
17.5°	11543.2	11179.2	10686.3	10315.7	9922.0	9472.1	8906.3	8277.7	7566.4	6918.0	6355.5
15°	11404.2	11020.4	10696.2	10332.3	9888.9	9415.8	8787.2	8135.5	7566.4	6967.6	6372.1
12.5°	11434.0	11103.1	10749.1	10352.1	9875.7	9369.5	8800.5	8195.0	7606.1	7004.0	6375.4
10°	11526.6	11179.2	10802.1	10362.1	9882.3	9382.8	8836.9	8231.4	7626.0	7020.5	6368.8
7.5°	11559.7	11182.6	10778.9	10335.6	9865.8	9376.1	8843.5	8241.3	7629.3	7017.2	6348.9
5°	11457.2	11116.4	10726.0	10279.3	9819.5	9343.1	8817.0	8228.1	7602.8	6984.1	6299.3
2.5°	11318.2	11043.6	10669.7	10239.6	9773.2	9296.7	8774.0	8168.6	7543.3	6924.6	6236.4
0°	11295.0	10954.3	10577.1	10193.3	9697.1	9194.2	8674.7	8056.1	7434.1	6812.1	6127.2
-2.5°	11142.9	10782.2	10405.1	9988.2	9551.5	9045.3	8499.4	7894.0	7278.6	6666.5	6008.1
-5°	11027.1	10626.7	10226.4	9776.5	9336.4	8830.2	8264.5	7675.6	7073.5	6477.9	5842.7
-7.5°	10871.6	10461.3	10041.1	9571.3	9094.9	8578.8	8019.7	7430.8	6838.6	6246.3	5637.6
-10°	10557.3	10196.6	9802.9	9316.6	8813.7	8297.6	7741.8	7162.8	6570.6	5971.7	5359.7
-12.5°	10176.8	9796.3	9366.2	8919.6	8469.6	7989.9	7434.1	6865.0	6269.5	5667.4	5058.6
-15°	9683.8	9310.0	8869.9	8433.2	7999.8	7540.0	7050.3	6537.5	5932.0	5339.8	4731.1
-17.5°	9068.5	8717.8	8324.1	7907.2	7477.1	7013.9	6537.5	6104.1	5538.3	4982.5	4380.4
-20°	8406.8	8079.2	7725.2	7331.5	6901.4	6448.2	5998.2	5545.0	5055.3	4565.7	4006.5



REPORT NUMBER: P722174
 CATALOG NUMBER: IFLD-S-SA6C-827-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	7718.6	7387.8	7030.5	6663.2	6266.2	5846.0	5429.2	4995.8	4565.7	4122.3	3649.2
-25°	6924.6	6633.4	6305.9	5948.6	5594.6	5227.3	4830.3	4436.6	4069.4	3685.6	3298.5
-27.5°	6094.2	5826.2	5528.4	5217.4	4913.0	4605.4	4261.3	3897.4	3593.0	3275.4	2954.4
-30°	5220.7	5005.7	4764.2	4492.9	4258.0	4009.8	3722.0	3420.9	3143.0	2901.5	2643.4
-32.5°	4393.6	4211.7	4039.6	3861.0	3629.4	3437.5	3239.0	3017.3	2772.5	2544.2	2358.9
-35°	3682.3	3487.1	3414.3	3282.0	3116.6	2947.8	2802.3	2643.4	2458.2	2256.4	2104.2
-37.5°	3083.5	2967.7	2865.1	2792.3	2683.2	2547.5	2431.7	2315.9	2173.7	2021.5	1869.3
-40°	2617.0	2537.6	2425.1	2388.7	2319.2	2226.6	2107.5	2018.2	1922.2	1806.4	1677.4
-42.5°	2243.1	2183.6	2110.8	2047.9	2018.2	1952.0	1859.3	1773.3	1697.2	1617.8	1518.6
-45°	1935.4	1895.7	1849.4	1793.2	1770.0	1717.1	1650.9	1555.0	1512.0	1445.8	1373.0
-47.5°	1687.3	1667.5	1634.4	1598.0	1564.9	1525.2	1465.6	1406.1	1346.5	1303.5	1247.3
-50°	1492.1	1478.9	1459.0	1429.2	1386.2	1359.8	1320.1	1267.1	1210.9	1174.5	1134.8
-52.5°	1336.6	1323.4	1310.1	1287.0	1253.9	1227.4	1194.3	1151.3	1105.0	1068.6	1035.5
-55°	1217.5	1197.7	1187.7	1167.9	1141.4	1111.6	1081.9	1052.1	1012.4	979.3	946.2
-57.5°	1124.9	1098.4	1085.2	1068.6	1042.2	1012.4	989.2	959.4	933.0	896.6	866.8
-60°	1052.1	1022.3	995.8	979.3	956.1	926.4	903.2	880.0	853.6	823.8	787.4
-62.5°	992.5	956.1	919.7	899.9	876.7	850.3	827.1	804.0	777.5	747.7	714.6
-65°	936.3	893.3	847.0	827.1	804.0	777.5	747.7	731.2	708.0	681.5	648.5
-67.5°	866.8	820.5	780.8	757.6	734.5	711.3	684.8	668.3	645.1	612.1	579.0
-70°	764.3	734.5	708.0	688.2	668.3	648.5	622.0	595.5	569.1	539.3	509.5
-72.5°	635.2	625.3	622.0	612.1	588.9	565.7	539.3	512.8	489.7	466.5	443.3
-75°	512.8	519.4	526.0	522.7	499.6	476.4	453.3	430.1	413.6	393.7	373.9
-77.5°	406.9	413.6	420.2	420.2	403.6	390.4	373.9	357.3	344.1	327.5	307.7
-80°	314.3	324.2	334.2	340.8	327.5	317.6	304.4	291.1	277.9	264.7	251.4
-82.5°	238.2	248.1	258.1	264.7	254.8	248.1	238.2	228.3	218.4	205.1	195.2
-85°	172.0	178.7	185.3	188.6	182.0	175.3	168.7	162.1	155.5	145.6	139.0
-87.5°	99.3	102.6	105.9	109.2	102.6	95.9	92.6	86.0	82.7	76.1	72.8
-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-SA6C-827-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°	82.7	76.1	69.5	66.2	59.6	49.6	43.0	36.4	29.8	23.2	19.9
85°	175.3	158.8	139.0	129.0	115.8	102.6	89.3	76.1	62.9	49.6	36.4
82.5°	301.1	281.2	261.4	238.2	208.4	172.0	135.6	112.5	92.6	72.8	56.2
80°	453.3	416.9	383.8	354.0	320.9	274.6	225.0	178.7	125.7	95.9	72.8
77.5°	628.6	585.6	539.3	489.7	436.7	373.9	317.6	258.1	195.2	132.3	92.6
75°	827.1	770.9	708.0	638.5	569.1	486.3	406.9	337.5	264.7	185.3	112.5
72.5°	1048.8	979.3	903.2	810.6	701.4	605.4	509.5	416.9	330.8	234.9	152.2
70°	1333.3	1224.1	1111.6	1012.4	873.4	721.2	608.8	502.9	393.7	287.8	191.9
67.5°	1637.7	1505.3	1369.7	1224.1	1048.8	870.1	708.0	588.9	459.9	337.5	228.3
65°	1968.5	1803.1	1631.1	1469.0	1227.4	1015.7	833.7	671.6	522.7	383.8	264.7
62.5°	2309.3	2114.1	1915.6	1703.9	1425.9	1164.6	952.8	764.3	582.3	426.8	297.8
60°	2673.2	2444.9	2203.4	1938.8	1614.5	1326.7	1065.3	860.2	645.1	469.8	334.2
57.5°	3057.0	2808.9	2524.3	2167.0	1809.7	1482.2	1194.3	946.2	701.4	509.5	360.6
55°	3473.9	3189.3	2878.3	2405.2	2001.6	1637.7	1323.4	1032.2	760.9	542.6	387.1
52.5°	3923.8	3593.0	3199.3	2656.7	2203.4	1796.5	1442.5	1108.3	817.2	579.0	410.2
50°	4426.7	4009.8	3480.5	2888.3	2378.8	1945.4	1561.6	1191.0	863.5	618.7	430.1
47.5°	4949.4	4499.5	3731.9	3103.3	2557.4	2090.9	1684.0	1263.8	909.8	651.8	449.9
45°	5495.3	4840.3	3993.3	3295.2	2712.9	2223.3	1776.6	1330.0	966.1	681.5	466.5
42.5°	6034.6	5098.3	4221.6	3487.1	2858.5	2342.4	1852.7	1392.9	1012.4	711.3	483.0
40°	6289.4	5293.5	4403.5	3619.4	2980.9	2448.3	1918.9	1449.1	1052.1	731.2	499.6
37.5°	6395.2	5412.6	4522.6	3745.2	3076.9	2504.5	1975.1	1498.7	1085.2	751.0	512.8
35°	6418.4	5455.6	4582.2	3831.2	3156.3	2557.4	2018.2	1535.1	1111.6	770.9	526.0
32.5°	6375.4	5442.4	4598.7	3861.0	3205.9	2597.1	2047.9	1561.6	1131.5	790.7	539.3
30°	6279.4	5372.9	4539.2	3857.6	3242.3	2620.3	2067.8	1581.4	1151.3	804.0	545.9
27.5°	6123.9	5250.5	4463.1	3861.0	3262.1	2630.2	2077.7	1591.4	1164.6	813.9	559.1
25°	5932.0	5085.1	4466.4	3854.3	3265.4	2633.5	2077.7	1591.4	1167.9	817.2	569.1
22.5°	5710.4	5085.1	4466.4	3844.4	3245.6	2626.9	2067.8	1584.7	1167.9	823.8	579.0
20°	5723.6	5088.4	4456.5	3824.6	3215.8	2607.1	2044.6	1568.2	1158.0	833.7	585.6
17.5°	5733.5	5081.8	4436.6	3798.1	3176.1	2574.0	2014.8	1545.0	1158.0	843.7	588.9
15°	5733.5	5061.9	4406.9	3758.4	3126.5	2527.7	1971.8	1525.2	1161.3	847.0	595.5
12.5°	5723.6	5025.5	4360.5	3705.5	3066.9	2471.4	1945.4	1518.6	1161.3	850.3	595.5
10°	5703.8	4975.9	4301.0	3639.3	3010.7	2451.6	1932.1	1505.3	1154.6	850.3	595.5
7.5°	5667.4	4916.4	4251.4	3599.6	2977.6	2428.4	1912.3	1485.5	1144.7	843.7	602.1
5°	5611.1	4883.3	4211.7	3553.3	2931.3	2411.9	1899.0	1469.0	1138.1	843.7	595.5
2.5°	5538.3	4843.6	4165.3	3493.7	2878.3	2355.6	1856.0	1432.6	1114.9	830.4	588.9
0°	5419.2	4764.2	4085.9	3411.0	2805.6	2299.4	1813.0	1396.2	1091.8	817.2	582.3
-2.5°	5310.1	4658.3	3983.4	3325.0	2736.1	2249.7	1779.9	1376.3	1081.9	813.9	579.0
-5°	5157.9	4512.7	3847.7	3212.5	2643.4	2200.1	1746.9	1353.2	1071.9	807.3	579.0
-7.5°	4989.1	4360.5	3705.5	3096.7	2550.8	2114.1	1684.0	1316.8	1048.8	794.0	575.7
-10°	4727.8	4132.3	3526.8	2964.4	2451.6	2038.0	1631.1	1283.7	1028.9	780.8	562.4
-12.5°	4449.9	3880.8	3321.7	2802.3	2339.1	1958.6	1571.5	1247.3	1005.8	767.6	555.8
-15°	4155.4	3622.8	3106.6	2633.5	2216.7	1862.7	1508.7	1207.6	982.6	751.0	545.9
-17.5°	3847.7	3351.5	2885.0	2461.5	2094.2	1763.4	1442.5	1171.2	956.1	734.5	536.0
-20°	3523.5	3073.5	2660.0	2286.1	1965.2	1664.1	1373.0	1128.2	926.4	714.6	522.7



REPORT NUMBER: P722174

CATALOG NUMBER: IFLD-S-SA6C-827-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3202.6	2798.9	2428.4	2114.1	1832.9	1561.6	1303.5	1085.2	893.3	691.5	512.8
-25°	2918.1	2540.9	2223.3	1948.7	1703.9	1462.3	1230.7	1042.2	856.9	668.3	499.6
-27.5°	2640.1	2319.2	2021.5	1793.2	1578.1	1366.4	1161.3	995.8	820.5	641.8	486.3
-30°	2382.1	2107.5	1862.7	1641.0	1459.0	1280.4	1101.7	949.5	780.8	615.4	469.8
-32.5°	2147.2	1925.5	1720.4	1508.7	1346.5	1194.3	1045.5	903.2	741.1	588.9	453.3
-35°	1928.8	1756.8	1578.1	1399.5	1234.1	1114.9	985.9	853.6	704.7	559.1	436.7
-37.5°	1733.6	1594.7	1452.4	1300.2	1158.0	1038.9	929.7	804.0	668.3	532.7	420.2
-40°	1564.9	1452.4	1326.7	1204.3	1085.2	972.7	873.4	754.3	631.9	512.8	403.6
-42.5°	1409.4	1323.4	1220.8	1118.3	1012.4	913.1	817.2	701.4	595.5	489.7	387.1
-45°	1290.3	1204.3	1121.6	1028.9	939.6	853.6	757.6	655.1	562.4	463.2	370.5
-47.5°	1177.8	1101.7	1025.6	949.5	876.7	797.3	701.4	615.4	526.0	440.0	357.3
-50°	1078.6	1005.8	939.6	873.4	810.6	734.5	645.1	575.7	496.3	416.9	340.8
-52.5°	985.9	923.1	856.9	804.0	751.0	674.9	602.1	536.0	466.5	390.4	324.2
-55°	903.2	843.7	784.1	734.5	684.8	618.7	559.1	502.9	436.7	370.5	307.7
-57.5°	823.8	774.2	717.9	671.6	622.0	569.1	519.4	466.5	406.9	350.7	291.1
-60°	751.0	704.7	655.1	608.8	565.7	522.7	476.4	433.4	380.5	327.5	274.6
-62.5°	678.2	638.5	595.5	549.2	516.1	476.4	440.0	397.0	354.0	307.7	244.8
-65°	612.1	575.7	536.0	496.3	466.5	436.7	403.6	363.9	327.5	284.5	218.4
-67.5°	545.9	512.8	479.7	446.6	420.2	397.0	363.9	334.2	304.4	258.1	191.9
-70°	483.0	456.6	426.8	400.3	380.5	354.0	330.8	304.4	277.9	225.0	162.1
-72.5°	423.5	397.0	373.9	354.0	337.5	314.3	294.5	274.6	238.2	188.6	135.6
-75°	354.0	337.5	324.2	307.7	291.1	274.6	258.1	234.9	198.5	152.2	105.9
-77.5°	291.1	281.2	271.3	258.1	244.8	231.6	211.7	188.6	158.8	119.1	86.0
-80°	238.2	228.3	221.7	208.4	198.5	185.3	165.4	145.6	115.8	92.6	69.5
-82.5°	182.0	175.3	168.7	162.1	152.2	139.0	119.1	102.6	86.0	69.5	52.9
-85°	129.0	125.7	119.1	112.5	102.6	92.6	79.4	69.5	59.6	46.3	36.4
-87.5°	66.2	62.9	59.6	56.2	52.9	46.3	39.7	33.1	29.8	23.2	16.5
-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: P722174
 CATALOG NUMBER: IFLD-S-SA6C-827-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	13.2	9.9	3.3	0.0
85°	26.5	16.5	6.6	0.0
82.5°	39.7	26.5	9.9	0.0
80°	52.9	33.1	16.5	0.0
77.5°	66.2	39.7	19.9	0.0
75°	79.4	49.6	23.2	0.0
72.5°	89.3	56.2	26.5	0.0
70°	105.9	66.2	29.8	0.0
67.5°	132.3	72.8	33.1	0.0
65°	155.5	79.4	36.4	0.0
62.5°	182.0	86.0	39.7	0.0
60°	205.1	92.6	43.0	0.0
57.5°	228.3	109.2	46.3	0.0
55°	248.1	122.4	49.6	0.0
52.5°	271.3	135.6	52.9	0.0
50°	291.1	148.9	56.2	0.0
47.5°	307.7	162.1	56.2	0.0
45°	320.9	172.0	59.6	0.0
42.5°	330.8	182.0	62.9	0.0
40°	340.8	191.9	66.2	0.0
37.5°	350.7	201.8	66.2	0.0
35°	360.6	211.7	69.5	0.0
32.5°	370.5	221.7	69.5	0.0
30°	377.2	228.3	72.8	0.0
27.5°	387.1	234.9	72.8	0.0
25°	390.4	241.5	76.1	0.0
22.5°	397.0	244.8	76.1	0.0
20°	403.6	251.4	76.1	0.0
17.5°	406.9	254.8	79.4	0.0
15°	406.9	258.1	82.7	0.0
12.5°	410.2	261.4	82.7	0.0
10°	410.2	268.0	79.4	0.0
7.5°	416.9	264.7	79.4	0.0
5°	413.6	264.7	79.4	0.0
2.5°	410.2	261.4	79.4	0.0
0°	406.9	261.4	79.4	0.0
-2.5°	406.9	261.4	79.4	0.0
-5°	406.9	261.4	79.4	0.0
-7.5°	403.6	264.7	79.4	0.0
-10°	397.0	264.7	79.4	0.0
-12.5°	393.7	254.8	79.4	0.0
-15°	390.4	251.4	79.4	0.0
-17.5°	383.8	248.1	76.1	0.0
-20°	377.2	244.8	76.1	0.0



REPORT NUMBER: P722174

CATALOG NUMBER: IFLD-S-SA6C-827-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	370.5	238.2	76.1	0.0
-25°	363.9	231.6	72.8	0.0
-27.5°	357.3	225.0	72.8	0.0
-30°	347.4	218.4	69.5	0.0
-32.5°	337.5	211.7	69.5	0.0
-35°	330.8	201.8	66.2	0.0
-37.5°	320.9	191.9	66.2	0.0
-40°	311.0	182.0	62.9	0.0
-42.5°	301.1	172.0	59.6	0.0
-45°	287.8	162.1	59.6	0.0
-47.5°	277.9	152.2	56.2	0.0
-50°	261.4	139.0	52.9	0.0
-52.5°	241.5	125.7	49.6	0.0
-55°	221.7	115.8	46.3	0.0
-57.5°	201.8	102.6	46.3	0.0
-60°	182.0	89.3	43.0	0.0
-62.5°	162.1	82.7	39.7	0.0
-65°	142.3	76.1	36.4	0.0
-67.5°	119.1	66.2	33.1	0.0
-70°	99.3	59.6	29.8	0.0
-72.5°	86.0	52.9	26.5	0.0
-75°	72.8	46.3	23.2	0.0
-77.5°	62.9	39.7	19.9	0.0
-80°	49.6	29.8	13.2	0.0
-82.5°	36.4	23.2	9.9	0.0
-85°	23.2	16.5	6.6	0.0
-87.5°	13.2	6.6	3.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)