

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: P722008

Luminaire Tested: **IFLD-L-SA7A-727-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722008  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7A-727-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (112) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

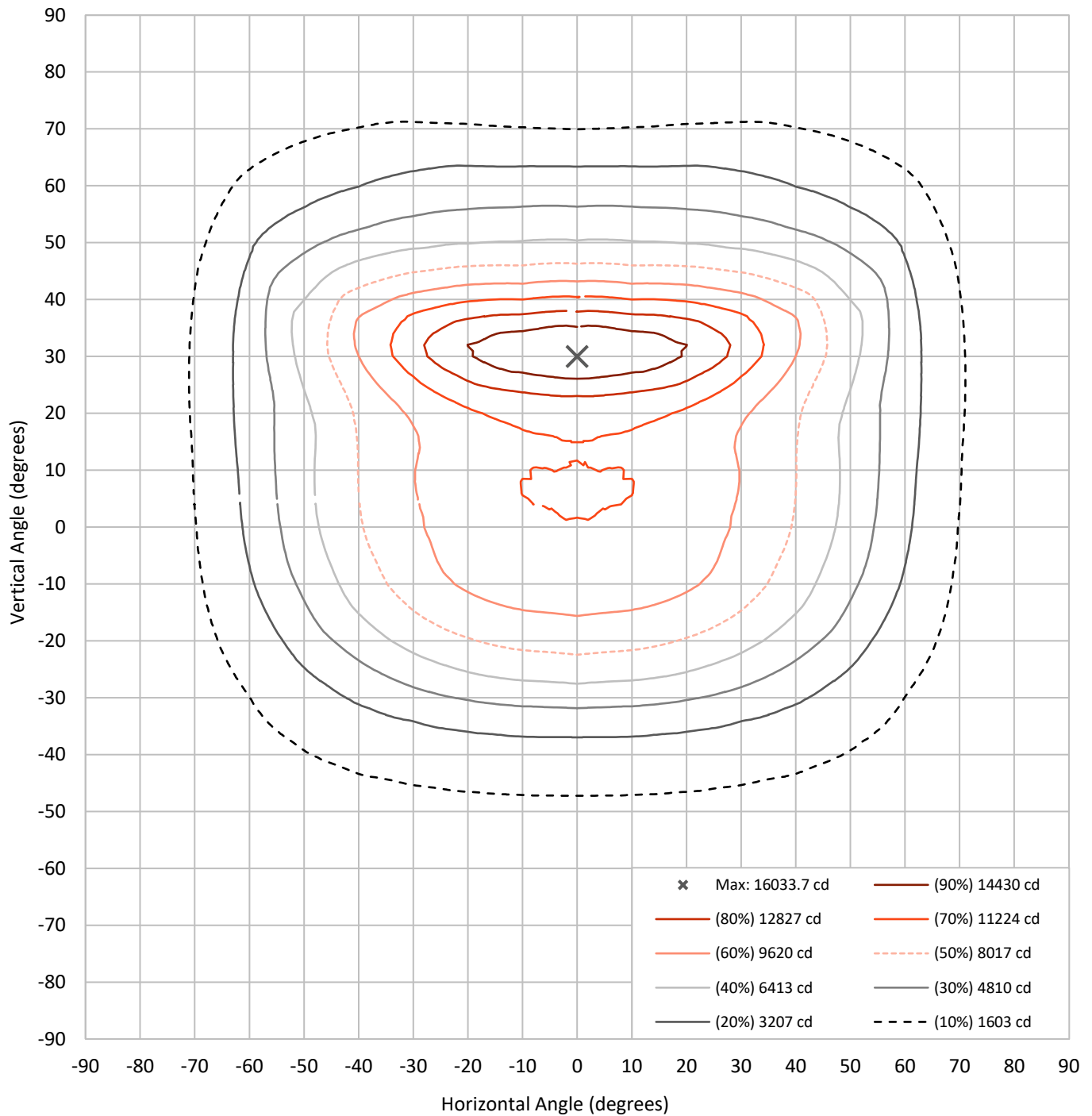
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	26764.3 lumens	Max Intensity:	16033.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	123.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	15563.7 lumens	Field Lumens:	25081.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 217.6  
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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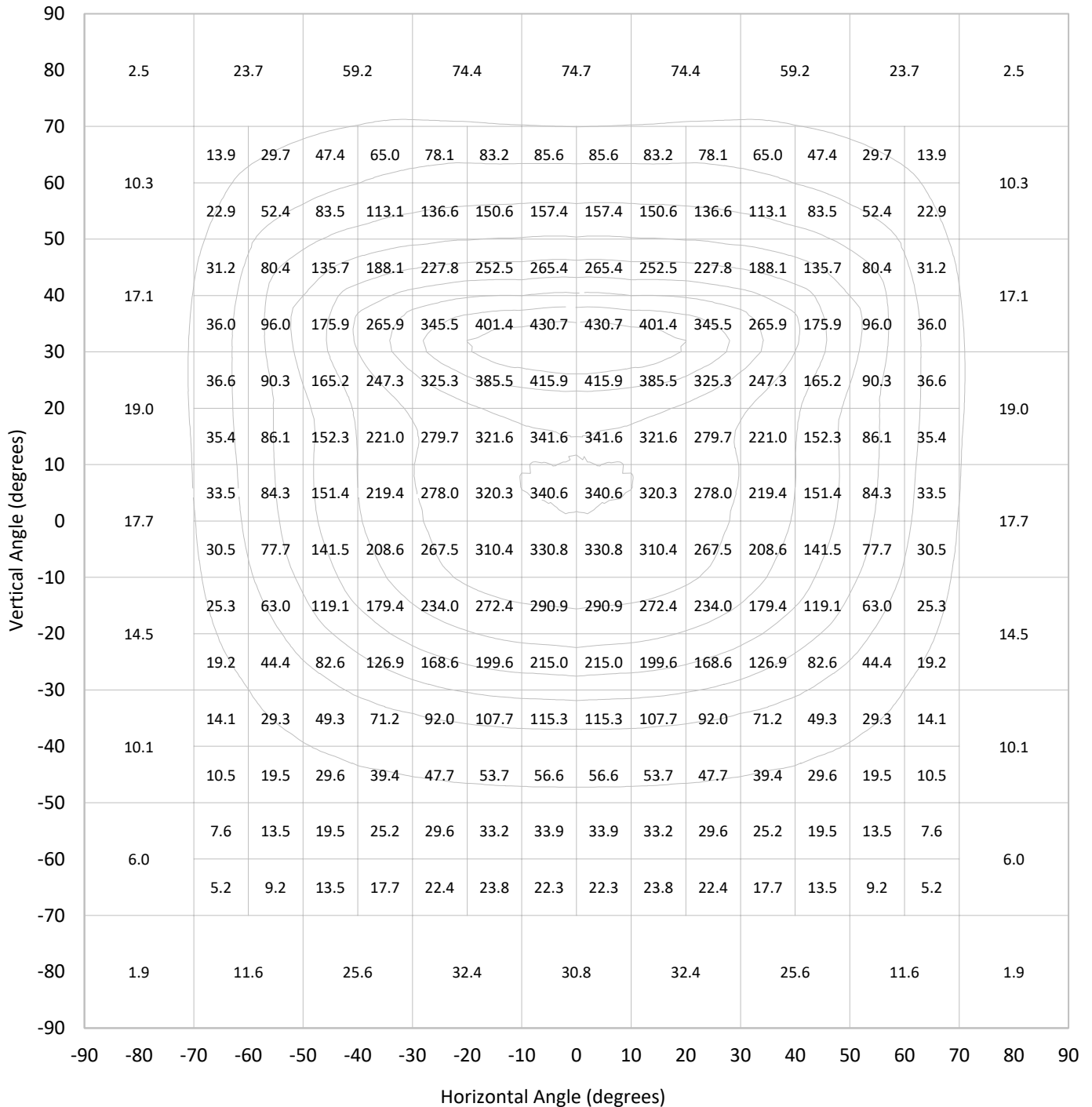
### Iso-Candela Plot





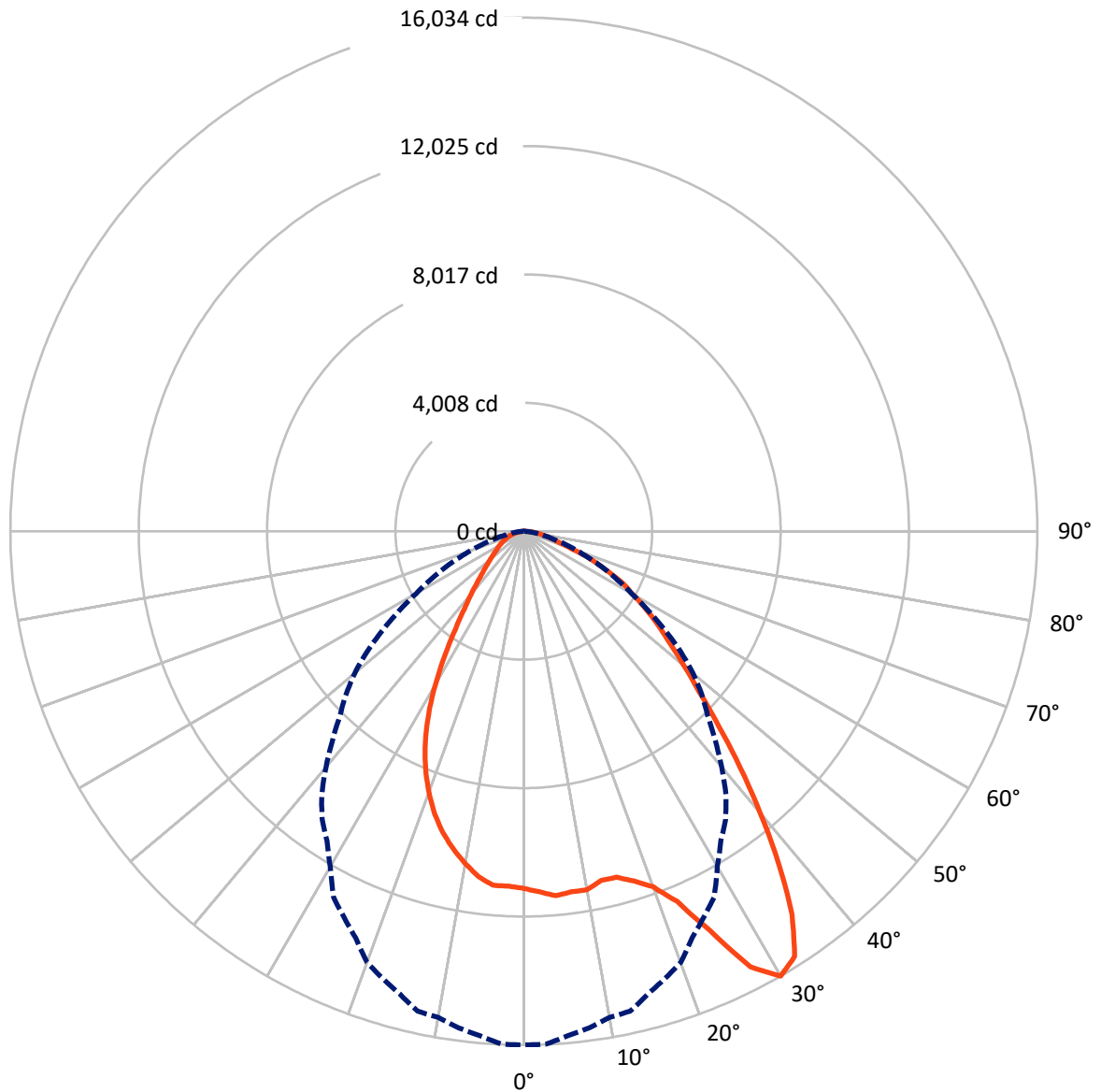
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### Lumen Table



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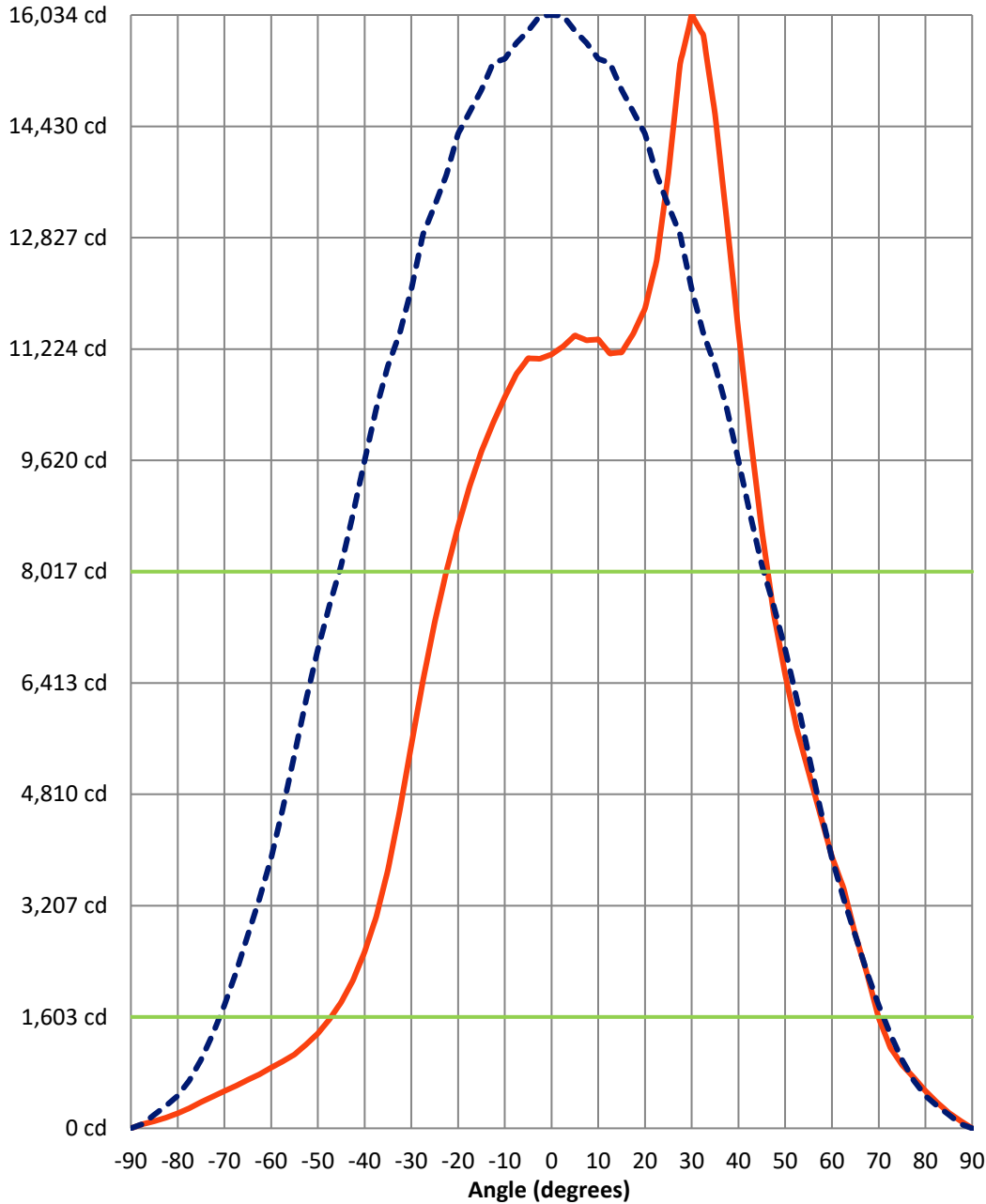
### Luminous Intensity Polar Plot



— 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: 15563.7  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 25081.6  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1682.7  
 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°	107.7	110.6	113.4	113.4	110.6	110.6	110.6	107.7	110.6	110.6	110.6
85°	224.0	229.7	235.3	232.5	229.7	224.0	218.3	221.2	224.0	226.8	226.8
82.5°	371.4	379.9	385.6	382.8	377.1	371.4	365.8	368.6	374.3	377.1	377.1
80°	538.7	541.5	544.4	550.1	541.5	541.5	538.7	550.1	555.7	561.4	567.1
77.5°	731.5	734.3	734.3	737.2	740.0	742.9	742.9	762.7	776.9	785.4	793.9
75°	913.0	921.5	930.0	938.5	949.8	955.5	964.0	992.4	1015.0	1032.1	1049.1
72.5°	1162.5	1173.8	1188.0	1207.8	1227.7	1241.9	1261.7	1295.7	1321.3	1338.3	1358.1
70°	1590.6	1602.0	1616.1	1630.3	1650.2	1664.3	1684.2	1726.7	1752.2	1763.6	1774.9
67.5°	2225.7	2254.1	2279.6	2251.2	2237.1	2217.2	2222.9	2262.6	2288.1	2305.1	2302.3
65°	2790.0	2809.8	2809.8	2807.0	2795.6	2770.1	2784.3	2832.5	2860.8	2875.0	2832.5
62.5°	3453.4	3453.4	3439.2	3461.9	3464.8	3447.7	3439.2	3442.1	3444.9	3453.4	3382.5
60°	3912.7	3941.1	3949.6	3969.4	3975.1	3975.1	3989.3	4000.6	4000.6	3983.6	3901.4
57.5°	4519.5	4573.4	4584.7	4570.5	4542.2	4505.3	4499.6	4482.6	4448.6	4414.6	4374.9
55°	5131.9	5160.3	5157.4	5148.9	5120.6	5078.1	5083.7	5061.0	5007.2	4964.6	4910.8
52.5°	5747.2	5815.2	5826.6	5809.6	5769.9	5724.5	5727.3	5701.8	5647.9	5602.6	5528.9
50°	6532.6	6589.3	6583.6	6555.3	6498.5	6464.5	6467.4	6419.2	6356.8	6342.6	6246.2
47.5°	7431.4	7496.6	7485.2	7445.5	7369.0	7354.8	7369.0	7306.6	7269.8	7238.6	7125.1
45°	8610.9	8687.4	8644.9	8568.3	8446.4	8460.6	8480.4	8469.1	8389.7	8307.5	8162.9
42.5°	9994.5	10042.7	9991.7	9915.1	9762.0	9790.3	9779.0	9711.0	9662.8	9526.7	9342.4
40°	11474.5	11579.4	11500.0	11381.0	11222.2	11264.7	11233.5	11145.6	11032.2	10862.1	10629.6
37.5°	13070.8	13153.0	13062.3	12923.4	12781.6	12767.4	12705.1	12569.0	12407.3	12220.2	11848.8
35°	14599.0	14811.7	14644.4	14423.3	14250.3	14185.1	14125.5	13810.8	13626.5	13323.1	12815.6
32.5°	15736.0	15891.9	15685.0	15455.3	15245.5	15154.8	14945.0	14570.7	14471.5	13833.5	13368.5
30°	16033.7	16022.4	15806.9	15631.1	15404.3	15341.9	14956.3	14638.7	14321.2	13731.4	13289.1
27.5°	15324.9	15254.0	15047.0	14893.9	14669.9	14596.2	14216.3	14046.2	13555.6	13056.6	12682.4
25°	13745.6	13782.5	13626.5	13550.0	13402.5	13243.8	13093.5	12863.8	12557.6	12121.0	11777.9
22.5°	12500.9	12549.1	12483.9	12393.2	12279.8	12191.9	12078.4	11899.8	11604.9	11335.6	11012.4
20°	11809.1	11794.9	11738.2	11670.2	11562.4	11500.0	11375.3	11225.0	10998.2	10765.7	10417.0
17.5°	11446.2	11358.3	11304.4	11278.9	11222.2	11142.8	10995.4	10842.2	10666.5	10402.8	10147.6
15°	11176.8	11191.0	11148.5	11128.6	11083.3	10972.7	10822.4	10697.6	10459.5	10326.2	10093.7
12.5°	11159.8	11145.6	11148.5	11140.0	11083.3	10941.5	10864.9	10706.2	10553.0	10377.3	10110.7
10°	11361.1	11210.8	11222.2	11261.9	11171.1	11057.7	10975.5	10802.6	10658.0	10434.0	10170.3
7.5°	11349.8	11273.2	11295.9	11230.7	11259.0	11120.1	11006.7	10833.7	10652.3	10414.1	10175.9
5°	11417.8	11301.6	11281.7	11287.4	11216.5	11111.6	10958.5	10794.0	10623.9	10357.4	10113.6
2.5°	11261.9	11278.9	11188.2	11154.1	11145.6	10969.8	10828.1	10669.3	10493.5	10258.2	10039.9
0°	11145.6	11176.8	11083.3	11035.0	11032.2	10881.9	10791.2	10609.8	10485.0	10289.4	10025.7
-2.5°	11083.3	11120.1	11131.5	11043.6	10958.5	10842.2	10689.1	10493.5	10289.4	10062.5	9835.7
-5°	11088.9	11015.2	10984.0	11012.4	10938.6	10822.4	10652.3	10479.3	10278.0	10034.2	9750.7
-7.5°	10864.9	10791.2	10785.5	10771.4	10754.4	10643.8	10502.0	10314.9	10110.7	9883.9	9620.2
-10°	10530.4	10476.5	10462.3	10448.1	10402.8	10337.6	10204.3	10034.2	9849.9	9623.1	9342.4
-12.5°	10158.9	10133.4	10079.5	10042.7	9997.3	9920.8	9793.2	9637.2	9452.9	9251.6	9010.6
-15°	9747.8	9699.6	9645.7	9614.6	9549.3	9458.6	9331.0	9186.4	8985.1	8786.6	8559.8
-17.5°	9251.6	9192.1	9132.6	9124.0	9078.7	8939.8	8820.7	8644.9	8469.1	8279.1	8058.0
-20°	8667.6	8585.3	8545.6	8523.0	8460.6	8358.5	8230.9	8069.3	7899.2	7717.7	7462.6



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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°	8021.1	7950.2	7882.2	7839.6	7785.8	7706.4	7584.5	7442.7	7275.4	7071.3	6835.9
-25°	7286.8	7187.5	7145.0	7096.8	7068.4	6994.7	6875.6	6745.2	6572.3	6373.8	6149.8
-27.5°	6447.5	6368.1	6345.4	6277.4	6243.4	6166.8	6067.6	5945.7	5786.9	5599.7	5415.5
-30°	5520.4	5472.2	5435.3	5367.3	5341.7	5259.5	5194.3	5092.2	4947.6	4814.4	4666.9
-32.5°	4567.7	4519.5	4508.2	4477.0	4460.0	4406.1	4332.4	4258.6	4142.4	4043.2	3924.1
-35°	3722.8	3688.7	3691.6	3688.7	3671.7	3632.0	3541.3	3521.5	3436.4	3345.7	3269.1
-37.5°	3048.0	3050.8	3048.0	3045.1	3022.4	3005.4	2940.2	2914.7	2863.7	2775.8	2730.4
-40°	2540.4	2546.1	2543.3	2537.6	2512.1	2503.6	2461.1	2427.0	2407.2	2344.8	2296.6
-42.5°	2129.3	2137.8	2135.0	2132.2	2115.1	2112.3	2089.6	2049.9	2038.6	2001.7	1950.7
-45°	1817.4	1814.6	1808.9	1814.6	1806.1	1797.6	1783.4	1757.9	1743.7	1726.7	1684.2
-47.5°	1570.8	1573.6	1567.9	1567.9	1556.6	1548.1	1542.4	1525.4	1514.1	1499.9	1474.4
-50°	1366.6	1378.0	1375.1	1372.3	1363.8	1358.1	1358.1	1341.1	1324.1	1318.4	1301.4
-52.5°	1207.8	1216.4	1219.2	1224.9	1227.7	1230.5	1222.0	1205.0	1176.7	1173.8	1165.3
-55°	1063.2	1088.8	1105.8	1117.1	1128.5	1137.0	1119.9	1097.3	1068.9	1057.6	1054.7
-57.5°	964.0	989.5	1009.4	1026.4	1040.6	1054.7	1037.7	1015.0	989.5	975.3	972.5
-60°	873.3	896.0	915.8	938.5	958.3	981.0	972.5	955.5	941.3	930.0	918.6
-62.5°	776.9	799.6	822.2	850.6	876.1	898.8	901.6	898.8	896.0	898.8	878.9
-65°	697.5	708.8	723.0	754.2	782.5	808.1	822.2	830.7	844.9	859.1	839.3
-67.5°	612.4	626.6	643.6	666.3	689.0	706.0	725.8	748.5	771.2	793.9	779.7
-70°	535.9	547.2	561.4	572.7	586.9	598.3	615.3	640.8	666.3	689.0	683.3
-72.5°	456.5	467.8	476.3	482.0	490.5	496.2	504.7	527.4	544.4	555.7	555.7
-75°	377.1	388.4	396.9	399.8	405.5	408.3	414.0	422.5	431.0	433.8	436.6
-77.5°	289.2	300.5	309.0	314.7	320.4	326.1	328.9	334.6	337.4	337.4	340.2
-80°	215.5	224.0	229.7	238.2	241.0	246.7	252.3	255.2	258.0	258.0	260.8
-82.5°	153.1	158.8	164.4	170.1	175.8	178.6	184.3	187.1	190.0	192.8	195.6
-85°	102.1	107.7	113.4	119.1	121.9	124.8	127.6	130.4	133.3	136.1	138.9
-87.5°	59.5	62.4	65.2	70.9	73.7	79.4	82.2	79.4	82.2	82.2	82.2
-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°	110.6	110.6	110.6	110.6	107.7	102.1	99.2	93.6	87.9	82.2	76.6
85°	229.7	232.5	232.5	232.5	226.8	224.0	215.5	207.0	195.6	178.6	164.4
82.5°	382.8	385.6	385.6	382.8	377.1	368.6	357.2	343.1	320.4	297.7	277.9
80°	575.6	578.4	578.4	575.6	561.4	547.2	533.0	516.0	487.7	456.5	422.5
77.5°	805.2	810.9	810.9	802.4	782.5	765.5	742.9	714.5	672.0	626.6	581.2
75°	1071.7	1085.9	1088.8	1080.3	1054.7	1023.5	986.7	938.5	873.3	816.6	762.7
72.5°	1380.8	1395.0	1406.3	1395.0	1358.1	1315.6	1261.7	1205.0	1139.8	1063.2	972.5
70°	1786.2	1800.4	1808.9	1772.1	1706.9	1636.0	1570.8	1505.6	1429.0	1335.4	1236.2
67.5°	2296.6	2282.4	2265.4	2191.7	2109.5	2024.4	1933.7	1837.3	1738.0	1638.8	1522.6
65°	2787.1	2747.4	2710.6	2622.7	2517.8	2407.2	2302.3	2194.5	2075.5	1950.7	1840.1
62.5°	3303.1	3218.1	3127.4	3019.6	2911.9	2790.0	2685.0	2557.5	2424.2	2271.1	2129.3
60°	3810.7	3708.6	3617.9	3484.6	3342.8	3178.4	3065.0	2940.2	2784.3	2619.8	2452.5
57.5°	4301.2	4190.6	4091.4	3975.1	3822.0	3643.4	3518.6	3357.0	3192.6	2985.6	2815.5
55°	4822.9	4712.3	4632.9	4502.5	4335.2	4170.7	4034.7	3864.5	3634.9	3413.7	3203.9
52.5°	5421.1	5333.2	5248.2	5114.9	4913.6	4746.3	4596.0	4406.1	4165.1	3892.9	3640.5
50°	6090.3	6044.9	5954.2	5798.2	5568.6	5421.1	5222.7	4970.3	4712.3	4425.9	4111.2
47.5°	6977.7	6904.0	6776.4	6606.3	6413.5	6192.3	5925.8	5630.9	5265.2	4947.6	4613.1
45°	8038.1	7902.0	7737.6	7507.9	7269.8	7020.2	6728.2	6353.9	5863.4	5449.5	5097.9
42.5°	9186.4	9002.1	8778.1	8477.6	8168.5	7862.3	7547.6	7037.3	6424.8	5948.5	5551.5
40°	10385.8	10150.4	9869.7	9433.1	9090.0	8695.9	8335.8	7573.1	6921.0	6405.0	5982.5
37.5°	11559.6	11261.9	10791.2	10261.0	9861.2	9538.0	8746.9	7930.4	7346.3	6779.2	6351.1
35°	12458.4	12206.0	11375.3	10825.2	10482.2	9971.8	8982.3	8145.9	7527.8	7057.1	6390.8
32.5°	12991.4	12339.3	11610.6	11054.9	10771.4	9934.9	8999.3	8208.2	7612.8	7085.5	6288.7
30°	12872.3	12084.1	11446.2	10981.2	10365.9	9614.6	8840.5	8111.8	7533.4	6895.5	6175.3
27.5°	12155.0	11545.4	10975.5	10490.7	9886.7	9211.9	8497.4	7856.7	7318.0	6699.9	6019.4
25°	11344.1	10791.2	10368.8	9946.3	9373.6	8729.9	8100.5	7638.3	7096.8	6487.2	5815.2
22.5°	10598.4	10201.5	9869.7	9427.4	8868.9	8307.5	7916.2	7437.0	6881.3	6263.2	5605.4
20°	10122.1	9852.7	9472.8	8985.1	8545.6	8194.1	7760.3	7252.7	6680.0	6033.6	5426.8
17.5°	9892.4	9580.5	9158.1	8840.5	8503.1	8117.5	7632.7	7094.0	6484.4	5928.6	5446.6
15°	9773.3	9444.4	9166.6	8854.7	8474.8	8069.3	7530.6	6972.0	6484.4	5971.2	5460.8
12.5°	9798.9	9515.3	9211.9	8871.7	8463.4	8029.6	7541.9	7023.1	6518.4	6002.4	5463.7
10°	9878.2	9580.5	9257.3	8880.2	8469.1	8041.0	7573.1	7054.3	6535.4	6016.5	5458.0
7.5°	9906.6	9583.4	9237.5	8857.5	8454.9	8035.3	7578.8	7062.8	6538.2	6013.7	5441.0
5°	9818.7	9526.7	9192.1	8809.3	8415.2	8006.9	7556.1	7051.4	6515.6	5985.4	5398.4
2.5°	9699.6	9464.3	9143.9	8775.3	8375.5	7967.2	7519.3	7000.4	6464.5	5934.3	5344.6
0°	9679.8	9387.7	9064.5	8735.6	8310.3	7879.3	7434.2	6904.0	6371.0	5837.9	5251.0
-2.5°	9549.3	9240.3	8917.1	8559.8	8185.6	7751.8	7283.9	6765.1	6237.7	5713.2	5148.9
-5°	9450.1	9107.0	8764.0	8378.4	8001.3	7567.5	7082.6	6577.9	6061.9	5551.5	5007.2
-7.5°	9316.8	8965.3	8605.2	8202.6	7794.3	7352.0	6872.8	6368.1	5860.6	5353.1	4831.4
-10°	9047.5	8738.4	8401.0	7984.2	7553.3	7111.0	6634.6	6138.5	5630.9	5117.7	4593.2
-12.5°	8721.4	8395.4	8026.8	7644.0	7258.4	6847.3	6371.0	5883.3	5372.9	4856.9	4335.2
-15°	8299.0	7978.6	7601.5	7227.2	6855.8	6461.7	6042.1	5602.6	5083.7	4576.2	4054.5
-17.5°	7771.6	7471.1	7133.7	6776.4	6407.8	6010.9	5602.6	5231.2	4746.3	4270.0	3754.0
-20°	7204.5	6923.8	6620.5	6283.1	5914.5	5526.0	5140.4	4752.0	4332.4	3912.7	3433.6



REPORT NUMBER: P722008  
 CATALOG NUMBER: IFLD-L-SA7A-727-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6614.8	6331.3	6025.0	5710.3	5370.1	5010.0	4652.8	4281.3	3912.7	3532.8	3127.4
-25°	5934.3	5684.8	5404.1	5097.9	4794.5	4479.8	4139.6	3802.2	3487.4	3158.5	2826.8
-27.5°	5222.7	4993.0	4737.8	4471.3	4210.4	3946.8	3651.9	3340.0	3079.2	2807.0	2531.9
-30°	4474.1	4289.8	4082.9	3850.4	3649.1	3436.4	3189.7	2931.7	2693.6	2486.6	2265.4
-32.5°	3765.3	3609.4	3461.9	3308.8	3110.3	2945.9	2775.8	2585.8	2376.0	2180.4	2021.6
-35°	3155.7	2988.4	2926.0	2812.6	2670.9	2526.3	2401.5	2265.4	2106.6	1933.7	1803.3
-37.5°	2642.5	2543.3	2455.4	2393.0	2299.4	2183.2	2084.0	1984.7	1862.8	1732.4	1602.0
-40°	2242.7	2174.7	2078.3	2047.1	1987.6	1908.2	1806.1	1729.5	1647.3	1548.1	1437.5
-42.5°	1922.3	1871.3	1808.9	1755.1	1729.5	1672.8	1593.4	1519.7	1454.5	1386.5	1301.4
-45°	1658.7	1624.6	1584.9	1536.7	1516.9	1471.5	1414.8	1332.6	1295.7	1239.0	1176.7
-47.5°	1446.0	1429.0	1400.6	1369.5	1341.1	1307.1	1256.0	1205.0	1154.0	1117.1	1068.9
-50°	1278.7	1267.4	1250.4	1224.9	1188.0	1165.3	1131.3	1085.9	1037.7	1006.5	972.5
-52.5°	1145.5	1134.1	1122.8	1102.9	1074.6	1051.9	1023.5	986.7	947.0	915.8	887.5
-55°	1043.4	1026.4	1017.9	1000.9	978.2	952.7	927.1	901.6	867.6	839.3	810.9
-57.5°	964.0	941.3	930.0	915.8	893.1	867.6	847.8	822.2	799.6	768.4	742.9
-60°	901.6	876.1	853.4	839.3	819.4	793.9	774.0	754.2	731.5	706.0	674.8
-62.5°	850.6	819.4	788.2	771.2	751.4	728.7	708.8	689.0	666.3	640.8	612.4
-65°	802.4	765.5	725.8	708.8	689.0	666.3	640.8	626.6	606.8	584.1	555.7
-67.5°	742.9	703.2	669.1	649.3	629.4	609.6	586.9	572.7	552.9	524.5	496.2
-70°	655.0	629.4	606.8	589.7	572.7	555.7	533.0	510.4	487.7	462.2	436.6
-72.5°	544.4	535.9	533.0	524.5	504.7	484.8	462.2	439.5	419.6	399.8	379.9
-75°	439.5	445.1	450.8	448.0	428.1	408.3	388.4	368.6	354.4	337.4	320.4
-77.5°	348.7	354.4	360.1	360.1	345.9	334.6	320.4	306.2	294.9	280.7	263.7
-80°	269.4	277.9	286.4	292.0	280.7	272.2	260.8	249.5	238.2	226.8	215.5
-82.5°	204.1	212.6	221.2	226.8	218.3	212.6	204.1	195.6	187.1	175.8	167.3
-85°	147.4	153.1	158.8	161.6	155.9	150.3	144.6	138.9	133.3	124.8	119.1
-87.5°	85.1	87.9	90.7	93.6	87.9	82.2	79.4	73.7	70.9	65.2	62.4
-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: P722008  
 CATALOG NUMBER: IFLD-L-SA7A-727-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°	70.9	65.2	59.5	56.7	51.0	42.5	36.9	31.2	25.5	19.8	17.0
85°	150.3	136.1	119.1	110.6	99.2	87.9	76.6	65.2	53.9	42.5	31.2
82.5°	258.0	241.0	224.0	204.1	178.6	147.4	116.2	96.4	79.4	62.4	48.2
80°	388.4	357.2	328.9	303.4	275.0	235.3	192.8	153.1	107.7	82.2	62.4
77.5°	538.7	501.9	462.2	419.6	374.3	320.4	272.2	221.2	167.3	113.4	79.4
75°	708.8	660.6	606.8	547.2	487.7	416.8	348.7	289.2	226.8	158.8	96.4
72.5°	898.8	839.3	774.0	694.7	601.1	518.9	436.6	357.2	283.5	201.3	130.4
70°	1142.6	1049.1	952.7	867.6	748.5	618.1	521.7	431.0	337.4	246.7	164.4
67.5°	1403.5	1290.1	1173.8	1049.1	898.8	745.7	606.8	504.7	394.1	289.2	195.6
65°	1687.0	1545.2	1397.8	1258.9	1051.9	870.4	714.5	575.6	448.0	328.9	226.8
62.5°	1979.1	1811.8	1641.6	1460.2	1222.0	998.0	816.6	655.0	499.0	365.8	255.2
60°	2290.9	2095.3	1888.3	1661.5	1383.6	1137.0	913.0	737.2	552.9	402.6	286.4
57.5°	2619.8	2407.2	2163.3	1857.1	1550.9	1270.2	1023.5	810.9	601.1	436.6	309.0
55°	2977.1	2733.2	2466.7	2061.3	1715.4	1403.5	1134.1	884.6	652.1	465.0	331.7
52.5°	3362.7	3079.2	2741.8	2276.8	1888.3	1539.6	1236.2	949.8	700.3	496.2	351.6
50°	3793.7	3436.4	2982.8	2475.2	2038.6	1667.2	1338.3	1020.7	740.0	530.2	368.6
47.5°	4241.6	3856.0	3198.2	2659.5	2191.7	1791.9	1443.2	1083.1	779.7	558.6	385.6
45°	4709.5	4148.1	3422.2	2824.0	2325.0	1905.3	1522.6	1139.8	827.9	584.1	399.8
42.5°	5171.6	4369.2	3617.9	2988.4	2449.7	2007.4	1587.8	1193.7	867.6	609.6	414.0
40°	5389.9	4536.5	3773.8	3101.8	2554.6	2098.1	1644.5	1241.9	901.6	626.6	428.1
37.5°	5480.7	4638.6	3875.9	3209.6	2636.8	2146.3	1692.7	1284.4	930.0	643.6	439.5
35°	5500.5	4675.4	3926.9	3283.3	2704.9	2191.7	1729.5	1315.6	952.7	660.6	450.8
32.5°	5463.7	4664.1	3941.1	3308.8	2747.4	2225.7	1755.1	1338.3	969.7	677.6	462.2
30°	5381.4	4604.6	3890.1	3306.0	2778.6	2245.6	1772.1	1355.3	986.7	689.0	467.8
27.5°	5248.2	4499.6	3824.8	3308.8	2795.6	2254.1	1780.6	1363.8	998.0	697.5	479.2
25°	5083.7	4357.9	3827.7	3303.1	2798.5	2256.9	1780.6	1363.8	1000.9	700.3	487.7
22.5°	4893.8	4357.9	3827.7	3294.6	2781.4	2251.2	1772.1	1358.1	1000.9	706.0	496.2
20°	4905.1	4360.7	3819.2	3277.6	2755.9	2234.2	1752.2	1343.9	992.4	714.5	501.9
17.5°	4913.6	4355.0	3802.2	3254.9	2721.9	2205.9	1726.7	1324.1	992.4	723.0	504.7
15°	4913.6	4338.0	3776.6	3220.9	2679.4	2166.2	1689.8	1307.1	995.2	725.8	510.4
12.5°	4905.1	4306.8	3736.9	3175.6	2628.3	2118.0	1667.2	1301.4	995.2	728.7	510.4
10°	4888.1	4264.3	3685.9	3118.8	2580.1	2101.0	1655.8	1290.1	989.5	728.7	510.4
7.5°	4856.9	4213.3	3643.4	3084.8	2551.8	2081.1	1638.8	1273.1	981.0	723.0	516.0
5°	4808.7	4184.9	3609.4	3045.1	2512.1	2066.9	1627.5	1258.9	975.3	723.0	510.4
2.5°	4746.3	4150.9	3569.7	2994.1	2466.7	2018.7	1590.6	1227.7	955.5	711.7	504.7
0°	4644.2	4082.9	3501.6	2923.2	2404.3	1970.5	1553.8	1196.5	935.7	700.3	499.0
-2.5°	4550.7	3992.1	3413.7	2849.5	2344.8	1928.0	1525.4	1179.5	927.1	697.5	496.2
-5°	4420.3	3867.4	3297.5	2753.1	2265.4	1885.5	1497.0	1159.6	918.6	691.8	496.2
-7.5°	4275.7	3736.9	3175.6	2653.9	2186.0	1811.8	1443.2	1128.5	898.8	680.5	493.3
-10°	4051.7	3541.3	3022.4	2540.4	2101.0	1746.6	1397.8	1100.1	881.8	669.1	482.0
-12.5°	3813.5	3325.8	2846.7	2401.5	2004.6	1678.5	1346.8	1068.9	861.9	657.8	476.3
-15°	3561.2	3104.7	2662.4	2256.9	1899.7	1596.3	1292.9	1034.9	842.1	643.6	467.8
-17.5°	3297.5	2872.2	2472.4	2109.5	1794.8	1511.2	1236.2	1003.7	819.4	629.4	459.3
-20°	3019.6	2634.0	2279.6	1959.2	1684.2	1426.2	1176.7	966.8	793.9	612.4	448.0



REPORT NUMBER: P722008  
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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2744.6	2398.7	2081.1	1811.8	1570.8	1338.3	1117.1	930.0	765.5	592.6	439.5
-25°	2500.7	2177.5	1905.3	1670.0	1460.2	1253.2	1054.7	893.1	734.3	572.7	428.1
-27.5°	2262.6	1987.6	1732.4	1536.7	1352.4	1171.0	995.2	853.4	703.2	550.1	416.8
-30°	2041.4	1806.1	1596.3	1406.3	1250.4	1097.3	944.2	813.7	669.1	527.4	402.6
-32.5°	1840.1	1650.2	1474.4	1292.9	1154.0	1023.5	896.0	774.0	635.1	504.7	388.4
-35°	1653.0	1505.6	1352.4	1199.3	1057.6	955.5	844.9	731.5	603.9	479.2	374.3
-37.5°	1485.7	1366.6	1244.7	1114.3	992.4	890.3	796.7	689.0	572.7	456.5	360.1
-40°	1341.1	1244.7	1137.0	1032.1	930.0	833.6	748.5	646.5	541.5	439.5	345.9
-42.5°	1207.8	1134.1	1046.2	958.3	867.6	782.5	700.3	601.1	510.4	419.6	331.7
-45°	1105.8	1032.1	961.2	881.8	805.2	731.5	649.3	561.4	482.0	396.9	317.6
-47.5°	1009.4	944.2	878.9	813.7	751.4	683.3	601.1	527.4	450.8	377.1	306.2
-50°	924.3	861.9	805.2	748.5	694.7	629.4	552.9	493.3	425.3	357.2	292.0
-52.5°	844.9	791.1	734.3	689.0	643.6	578.4	516.0	459.3	399.8	334.6	277.9
-55°	774.0	723.0	672.0	629.4	586.9	530.2	479.2	431.0	374.3	317.6	263.7
-57.5°	706.0	663.5	615.3	575.6	533.0	487.7	445.1	399.8	348.7	300.5	249.5
-60°	643.6	603.9	561.4	521.7	484.8	448.0	408.3	371.4	326.1	280.7	235.3
-62.5°	581.2	547.2	510.4	470.7	442.3	408.3	377.1	340.2	303.4	263.7	209.8
-65°	524.5	493.3	459.3	425.3	399.8	374.3	345.9	311.9	280.7	243.8	187.1
-67.5°	467.8	439.5	411.1	382.8	360.1	340.2	311.9	286.4	260.8	221.2	164.4
-70°	414.0	391.3	365.8	343.1	326.1	303.4	283.5	260.8	238.2	192.8	138.9
-72.5°	362.9	340.2	320.4	303.4	289.2	269.4	252.3	235.3	204.1	161.6	116.2
-75°	303.4	289.2	277.9	263.7	249.5	235.3	221.2	201.3	170.1	130.4	90.7
-77.5°	249.5	241.0	232.5	221.2	209.8	198.5	181.5	161.6	136.1	102.1	73.7
-80°	204.1	195.6	190.0	178.6	170.1	158.8	141.8	124.8	99.2	79.4	59.5
-82.5°	155.9	150.3	144.6	138.9	130.4	119.1	102.1	87.9	73.7	59.5	45.4
-85°	110.6	107.7	102.1	96.4	87.9	79.4	68.0	59.5	51.0	39.7	31.2
-87.5°	56.7	53.9	51.0	48.2	45.4	39.7	34.0	28.4	25.5	19.8	14.2
-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: P722008  
 CATALOG NUMBER: IFLD-L-SA7A-727-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	11.3	8.5	2.8	0.0
85°	22.7	14.2	5.7	0.0
82.5°	34.0	22.7	8.5	0.0
80°	45.4	28.4	14.2	0.0
77.5°	56.7	34.0	17.0	0.0
75°	68.0	42.5	19.8	0.0
72.5°	76.6	48.2	22.7	0.0
70°	90.7	56.7	25.5	0.0
67.5°	113.4	62.4	28.4	0.0
65°	133.3	68.0	31.2	0.0
62.5°	155.9	73.7	34.0	0.0
60°	175.8	79.4	36.9	0.0
57.5°	195.6	93.6	39.7	0.0
55°	212.6	104.9	42.5	0.0
52.5°	232.5	116.2	45.4	0.0
50°	249.5	127.6	48.2	0.0
47.5°	263.7	138.9	48.2	0.0
45°	275.0	147.4	51.0	0.0
42.5°	283.5	155.9	53.9	0.0
40°	292.0	164.4	56.7	0.0
37.5°	300.5	173.0	56.7	0.0
35°	309.0	181.5	59.5	0.0
32.5°	317.6	190.0	59.5	0.0
30°	323.2	195.6	62.4	0.0
27.5°	331.7	201.3	62.4	0.0
25°	334.6	207.0	65.2	0.0
22.5°	340.2	209.8	65.2	0.0
20°	345.9	215.5	65.2	0.0
17.5°	348.7	218.3	68.0	0.0
15°	348.7	221.2	70.9	0.0
12.5°	351.6	224.0	70.9	0.0
10°	351.6	229.7	68.0	0.0
7.5°	357.2	226.8	68.0	0.0
5°	354.4	226.8	68.0	0.0
2.5°	351.6	224.0	68.0	0.0
0°	348.7	224.0	68.0	0.0
-2.5°	348.7	224.0	68.0	0.0
-5°	348.7	224.0	68.0	0.0
-7.5°	345.9	226.8	68.0	0.0
-10°	340.2	226.8	68.0	0.0
-12.5°	337.4	218.3	68.0	0.0
-15°	334.6	215.5	68.0	0.0
-17.5°	328.9	212.6	65.2	0.0
-20°	323.2	209.8	65.2	0.0



REPORT NUMBER: P722008  
 CATALOG NUMBER: IFLD-L-SA7A-727-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	317.6	204.1	65.2	0.0
-25°	311.9	198.5	62.4	0.0
-27.5°	306.2	192.8	62.4	0.0
-30°	297.7	187.1	59.5	0.0
-32.5°	289.2	181.5	59.5	0.0
-35°	283.5	173.0	56.7	0.0
-37.5°	275.0	164.4	56.7	0.0
-40°	266.5	155.9	53.9	0.0
-42.5°	258.0	147.4	51.0	0.0
-45°	246.7	138.9	51.0	0.0
-47.5°	238.2	130.4	48.2	0.0
-50°	224.0	119.1	45.4	0.0
-52.5°	207.0	107.7	42.5	0.0
-55°	190.0	99.2	39.7	0.0
-57.5°	173.0	87.9	39.7	0.0
-60°	155.9	76.6	36.9	0.0
-62.5°	138.9	70.9	34.0	0.0
-65°	121.9	65.2	31.2	0.0
-67.5°	102.1	56.7	28.4	0.0
-70°	85.1	51.0	25.5	0.0
-72.5°	73.7	45.4	22.7	0.0
-75°	62.4	39.7	19.8	0.0
-77.5°	53.9	34.0	17.0	0.0
-80°	42.5	25.5	11.3	0.0
-82.5°	31.2	19.8	8.5	0.0
-85°	19.8	14.2	5.7	0.0
-87.5°	11.3	5.7	2.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)