

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: P722014

Luminaire Tested: **IFLD-L-SA8B-727-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722014  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8B-727-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (128) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

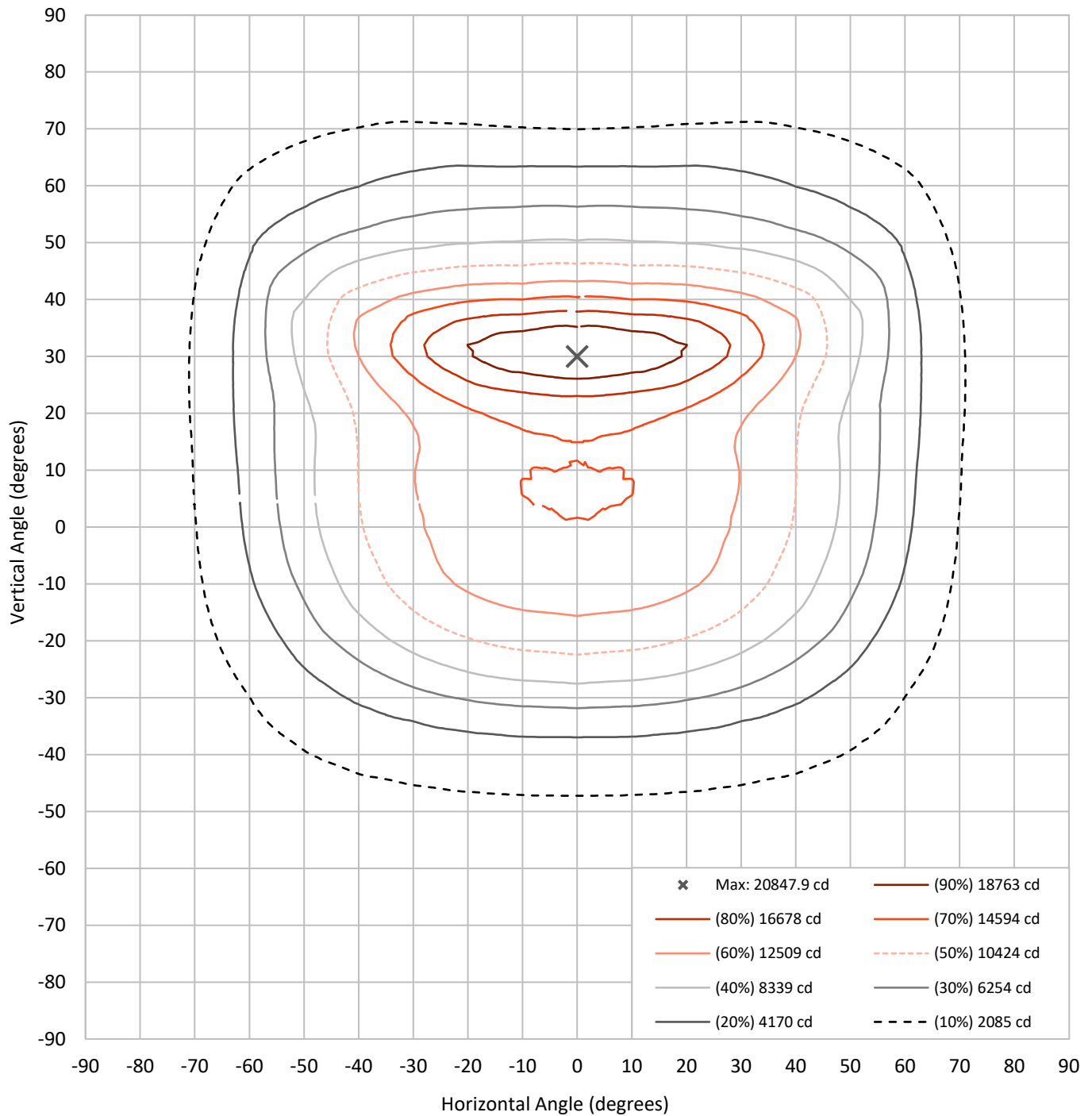
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	34800.4 lumens	Max Intensity:	20847.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	108.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	20236.9 lumens	Field Lumens:	32612.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 320  
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: P722014  
CATALOG NUMBER: IFLD-L-SA8B-727-U-76

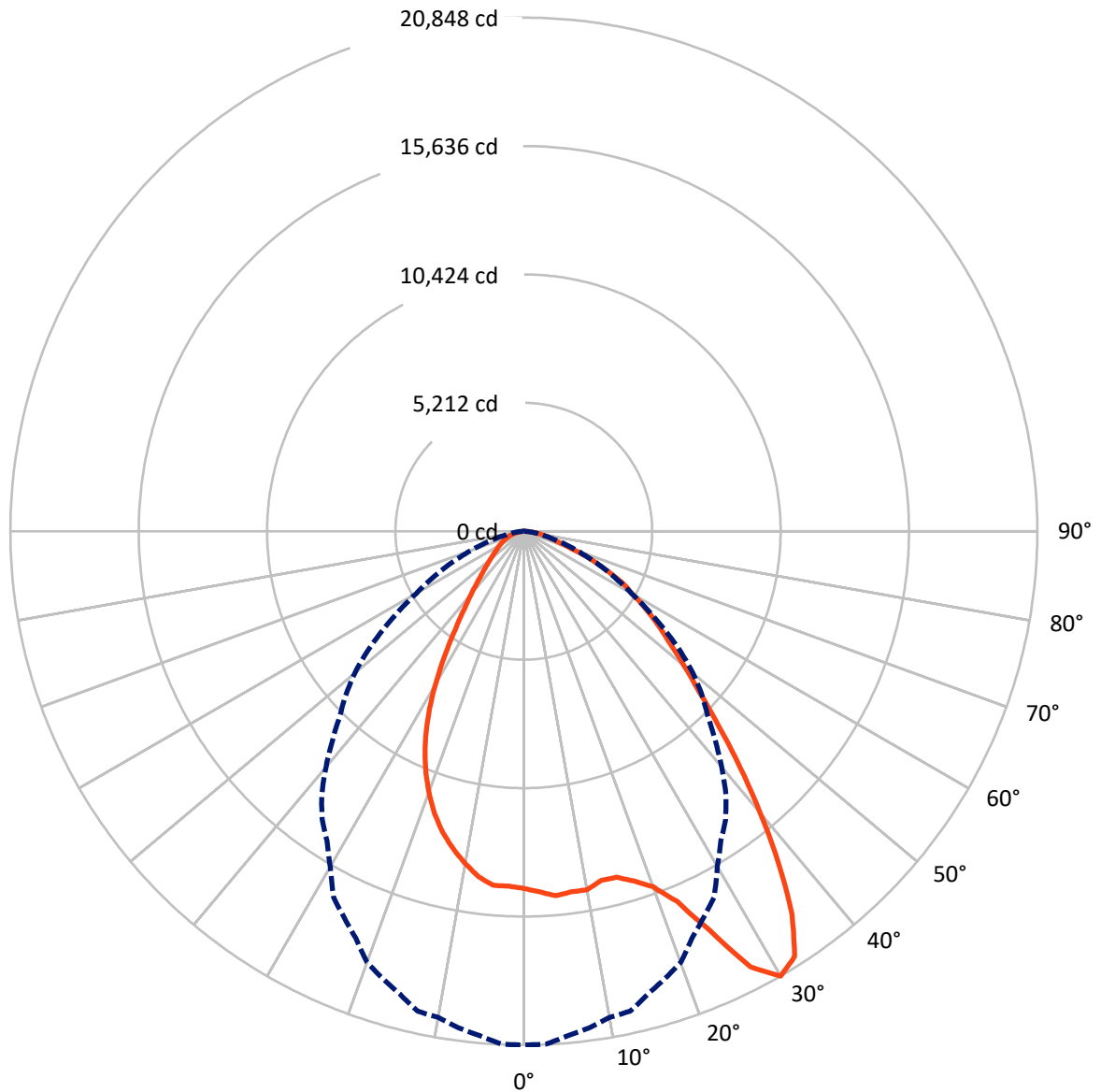
### Iso-Candela Plot





REPORT NUMBER: P722014  
CATALOG NUMBER: IFLD-L-SA8B-727-U-76

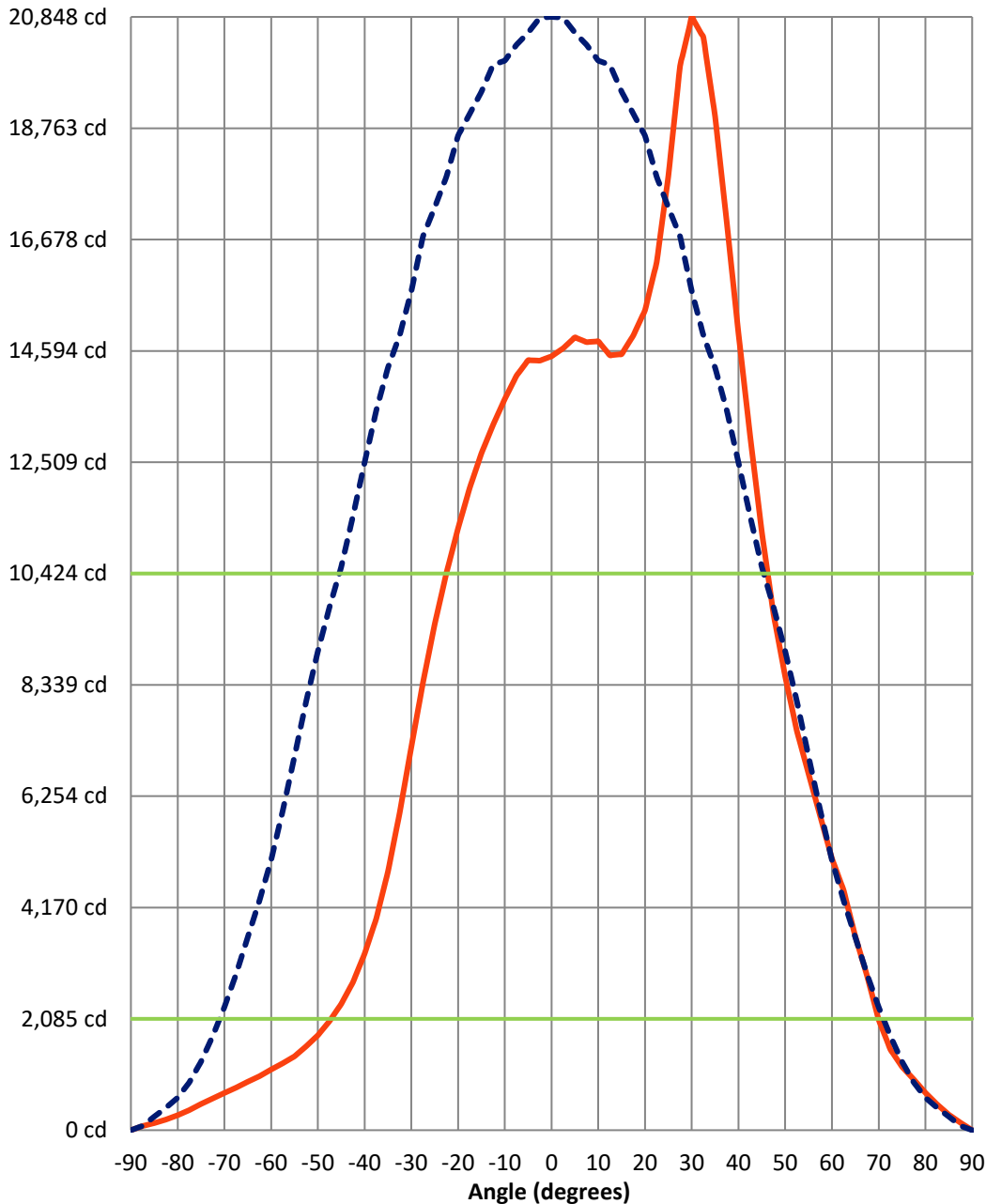
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P722014  
 CATALOG NUMBER: IFLD-L-SA8B-727-U-76

### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 20236.9  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 32612.5  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2187.9  
 Efficiency: 6.3%

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



REPORT NUMBER: P722014  
 CATALOG NUMBER: IFLD-L-SA8B-727-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°	140.1	143.8	147.5	147.5	143.8	143.8	143.8	140.1	143.8	143.8	143.8
85°	291.2	298.6	306.0	302.3	298.6	291.2	283.9	287.6	291.2	294.9	294.9
82.5°	482.9	494.0	501.4	497.7	490.3	482.9	475.6	479.3	486.6	490.3	490.3
80°	700.5	704.1	707.8	715.2	704.1	704.1	700.5	715.2	722.6	730.0	737.3
77.5°	951.2	954.8	954.8	958.5	962.2	965.9	965.9	991.7	1010.1	1021.2	1032.3
75°	1187.1	1198.2	1209.2	1220.3	1235.0	1242.4	1253.5	1290.3	1319.8	1341.9	1364.1
72.5°	1511.5	1526.3	1544.7	1570.5	1596.3	1614.7	1640.6	1684.8	1718.0	1740.1	1765.9
70°	2068.2	2082.9	2101.4	2119.8	2145.6	2164.1	2189.9	2245.2	2278.3	2293.1	2307.8
67.5°	2894.0	2930.9	2964.1	2927.2	2908.8	2882.9	2890.3	2941.9	2975.1	2997.2	2993.5
65°	3627.6	3653.5	3653.5	3649.8	3635.0	3601.8	3620.3	3682.9	3719.8	3738.2	3682.9
62.5°	4490.3	4490.3	4471.9	4501.4	4505.1	4482.9	4471.9	4475.6	4479.3	4490.3	4398.2
60°	5087.6	5124.4	5135.5	5161.3	5168.7	5168.7	5187.1	5201.8	5201.8	5179.7	5072.8
57.5°	5876.5	5946.5	5961.3	5942.9	5906.0	5858.1	5850.7	5828.6	5784.3	5740.1	5688.5
55°	6672.8	6709.7	6706.0	6694.9	6658.1	6602.8	6610.1	6580.6	6510.6	6455.3	6385.3
52.5°	7472.8	7561.3	7576.0	7553.9	7502.3	7443.3	7447.0	7413.8	7343.8	7284.8	7188.9
50°	8494.0	8567.7	8560.4	8523.5	8449.8	8405.5	8409.2	8346.5	8265.4	8247.0	8121.7
47.5°	9662.7	9747.5	9732.7	9681.1	9581.6	9563.1	9581.6	9500.5	9452.5	9412.0	9264.5
45°	11196.3	11295.9	11240.6	11141.0	10982.5	11000.9	11026.7	11012.0	10908.8	10801.8	10613.8
42.5°	12995.4	13058.1	12991.7	12892.2	12693.1	12730.0	12715.2	12626.7	12564.1	12387.1	12147.5
40°	14919.8	15056.2	14953.0	14798.2	14591.7	14647.0	14606.5	14492.2	14344.7	14123.5	13821.2
37.5°	16995.4	17102.3	16984.3	16803.7	16619.4	16600.9	16519.8	16342.9	16132.7	15889.4	15406.5
35°	18982.5	19259.0	19041.5	18753.9	18529.0	18444.2	18366.8	17957.6	17718.0	17323.5	16663.6
32.5°	20460.8	20663.6	20394.5	20095.9	19823.0	19705.1	19432.3	18945.6	18816.6	17987.1	17382.5
30°	20847.9	20833.2	20553.0	20324.4	20029.5	19948.4	19447.0	19034.1	18621.2	17854.4	17279.3
27.5°	19926.3	19834.1	19565.0	19365.9	19074.7	18978.8	18484.8	18263.6	17625.8	16977.0	16490.3
25°	17872.8	17920.7	17718.0	17618.4	17426.7	17220.3	17024.9	16726.3	16328.1	15760.4	15314.3
22.5°	16254.4	16317.1	16232.3	16114.3	15966.8	15852.5	15705.1	15472.8	15089.4	14739.2	14318.9
20°	15354.8	15336.4	15262.7	15174.2	15034.1	14953.0	14790.8	14595.4	14300.5	13998.2	13544.7
17.5°	14882.9	14768.7	14698.6	14665.4	14591.7	14488.5	14296.8	14097.7	13869.1	13526.3	13194.5
15°	14532.7	14551.2	14495.9	14470.0	14411.1	14267.3	14071.9	13909.7	13600.0	13426.7	13124.4
12.5°	14510.6	14492.2	14495.9	14484.8	14411.1	14226.7	14127.2	13920.7	13721.7	13493.1	13146.5
10°	14772.3	14577.0	14591.7	14643.3	14525.3	14377.9	14271.0	14046.1	13858.1	13566.8	13224.0
7.5°	14757.6	14658.1	14687.6	14602.8	14639.6	14459.0	14311.5	14086.6	13850.7	13541.0	13231.3
5°	14846.1	14694.9	14669.1	14676.5	14584.3	14447.9	14248.8	14035.0	13813.8	13467.3	13150.2
2.5°	14643.3	14665.4	14547.5	14503.2	14492.2	14263.6	14079.3	13872.8	13644.2	13338.2	13054.4
0°	14492.2	14532.7	14411.1	14348.4	14344.7	14149.3	14031.3	13795.4	13633.2	13378.8	13035.9
-2.5°	14411.1	14459.0	14473.7	14359.4	14248.8	14097.7	13898.6	13644.2	13378.8	13083.9	12788.9
-5°	14418.4	14322.6	14282.0	14318.9	14223.0	14071.9	13850.7	13625.8	13364.1	13047.0	12678.3
-7.5°	14127.2	14031.3	14024.0	14005.5	13983.4	13839.6	13655.3	13412.0	13146.5	12851.6	12508.8
-10°	13692.2	13622.1	13603.7	13585.3	13526.3	13441.5	13268.2	13047.0	12807.4	12512.4	12147.5
-12.5°	13209.2	13176.0	13106.0	13058.1	12999.1	12899.5	12733.6	12530.9	12291.2	12029.5	11716.1
-15°	12674.7	12612.0	12541.9	12501.4	12416.6	12298.6	12132.7	11944.7	11682.9	11424.9	11130.0
-17.5°	12029.5	11952.1	11874.7	11863.6	11804.6	11624.0	11469.1	11240.6	11012.0	10765.0	10477.4
-20°	11270.0	11163.1	11111.5	11082.0	11000.9	10868.2	10702.3	10492.2	10271.0	10035.0	9703.2



REPORT NUMBER: P722014

CATALOG NUMBER: IFLD-L-SA8B-727-U-76

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	10429.5	10337.3	10248.8	10193.5	10123.5	10020.3	9861.8	9677.4	9459.9	9194.5	8888.5
-25°	9474.7	9345.6	9290.3	9227.6	9190.8	9094.9	8940.1	8770.5	8545.6	8287.6	7996.3
-27.5°	8383.4	8280.2	8250.7	8162.2	8118.0	8018.4	7889.4	7730.9	7524.4	7281.1	7041.5
-30°	7177.9	7115.2	7067.3	6978.8	6945.6	6838.7	6753.9	6621.2	6433.2	6259.9	6068.2
-32.5°	5939.2	5876.5	5861.8	5821.2	5799.1	5729.0	5633.2	5537.3	5386.2	5257.1	5102.3
-35°	4840.6	4796.3	4800.0	4796.3	4774.2	4722.6	4604.6	4578.8	4468.2	4350.2	4250.7
-37.5°	3963.1	3966.8	3963.1	3959.4	3930.0	3907.8	3823.0	3789.9	3723.5	3609.2	3550.2
-40°	3303.2	3310.6	3306.9	3299.5	3266.4	3255.3	3200.0	3155.8	3130.0	3048.8	2986.2
-42.5°	2768.7	2779.7	2776.0	2772.4	2750.2	2746.5	2717.1	2665.4	2650.7	2602.8	2536.4
-45°	2363.1	2359.4	2352.1	2359.4	2348.4	2337.3	2318.9	2285.7	2267.3	2245.2	2189.9
-47.5°	2042.4	2046.1	2038.7	2038.7	2024.0	2012.9	2005.5	1983.4	1968.7	1950.2	1917.1
-50°	1777.0	1791.7	1788.0	1784.3	1773.3	1765.9	1765.9	1743.8	1721.7	1714.3	1692.2
-52.5°	1570.5	1581.6	1585.3	1592.6	1596.3	1600.0	1588.9	1566.8	1530.0	1526.3	1515.2
-55°	1382.5	1415.7	1437.8	1452.5	1467.3	1478.3	1456.2	1426.7	1389.9	1375.1	1371.4
-57.5°	1253.5	1286.6	1312.4	1334.6	1353.0	1371.4	1349.3	1319.8	1286.6	1268.2	1264.5
-60°	1135.5	1165.0	1190.8	1220.3	1246.1	1275.6	1264.5	1242.4	1224.0	1209.2	1194.5
-62.5°	1010.1	1039.6	1069.1	1106.0	1139.2	1168.7	1172.4	1168.7	1165.0	1168.7	1142.9
-65°	906.9	921.7	940.1	980.6	1017.5	1050.7	1069.1	1080.2	1098.6	1117.1	1091.2
-67.5°	796.3	814.7	836.9	866.4	895.9	918.0	943.8	973.3	1002.8	1032.3	1013.8
-70°	696.8	711.5	730.0	744.7	763.1	777.9	800.0	833.2	866.4	895.9	888.5
-72.5°	593.5	608.3	619.4	626.7	637.8	645.2	656.2	685.7	707.8	722.6	722.6
-75°	490.3	505.1	516.1	519.8	527.2	530.9	538.2	549.3	560.4	564.1	567.7
-77.5°	376.0	390.8	401.8	409.2	416.6	424.0	427.6	435.0	438.7	438.7	442.4
-80°	280.2	291.2	298.6	309.7	313.4	320.7	328.1	331.8	335.5	335.5	339.2
-82.5°	199.1	206.5	213.8	221.2	228.6	232.3	239.6	243.3	247.0	250.7	254.4
-85°	132.7	140.1	147.5	154.8	158.5	162.2	165.9	169.6	173.3	177.0	180.6
-87.5°	77.4	81.1	84.8	92.2	95.9	103.2	106.9	103.2	106.9	106.9	106.9
-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: P722014  
 CATALOG NUMBER: IFLD-L-SA8B-727-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°	143.8	143.8	143.8	143.8	140.1	132.7	129.0	121.7	114.3	106.9	99.5
85°	298.6	302.3	302.3	302.3	294.9	291.2	280.2	269.1	254.4	232.3	213.8
82.5°	497.7	501.4	501.4	497.7	490.3	479.3	464.5	446.1	416.6	387.1	361.3
80°	748.4	752.1	752.1	748.4	730.0	711.5	693.1	671.0	634.1	593.5	549.3
77.5°	1047.0	1054.4	1054.4	1043.3	1017.5	995.4	965.9	929.0	873.7	814.7	755.8
75°	1393.5	1412.0	1415.7	1404.6	1371.4	1330.9	1282.9	1220.3	1135.5	1061.8	991.7
72.5°	1795.4	1813.8	1828.6	1813.8	1765.9	1710.6	1640.6	1566.8	1482.0	1382.5	1264.5
70°	2322.6	2341.0	2352.1	2304.1	2219.4	2127.2	2042.4	1957.6	1858.1	1736.4	1607.4
67.5°	2986.2	2967.7	2945.6	2849.8	2742.9	2632.3	2514.3	2388.9	2259.9	2130.9	1979.7
65°	3624.0	3572.4	3524.4	3410.1	3273.7	3130.0	2993.5	2853.5	2698.6	2536.4	2392.6
62.5°	4294.9	4184.3	4066.4	3926.3	3786.2	3627.6	3491.2	3325.3	3152.1	2953.0	2768.7
60°	4954.8	4822.1	4704.1	4530.9	4346.5	4132.7	3985.3	3823.0	3620.3	3406.5	3188.9
57.5°	5592.6	5448.8	5319.8	5168.7	4969.6	4737.3	4575.1	4365.0	4151.2	3882.0	3660.8
55°	6271.0	6127.2	6024.0	5854.4	5636.9	5423.0	5246.1	5024.9	4726.3	4438.7	4165.9
52.5°	7048.8	6934.6	6824.0	6650.7	6388.9	6171.4	5976.0	5729.0	5415.7	5061.8	4733.6
50°	7918.9	7859.9	7741.9	7539.2	7240.6	7048.8	6790.8	6462.7	6127.2	5754.8	5345.6
47.5°	9072.8	8977.0	8811.1	8589.9	8339.2	8051.6	7705.1	7321.7	6846.1	6433.2	5998.2
45°	10451.6	10274.7	10060.8	9762.2	9452.5	9128.1	8748.4	8261.8	7624.0	7085.7	6628.6
42.5°	11944.7	11705.1	11413.8	11023.0	10621.2	10223.0	9813.8	9150.2	8353.9	7734.6	7218.4
40°	13504.1	13198.2	12833.2	12265.4	11819.4	11306.9	10838.7	9847.0	8999.1	8328.1	7778.8
37.5°	15030.4	14643.3	14031.3	13341.9	12822.1	12401.8	11373.3	10311.5	9552.1	8814.7	8258.1
35°	16199.1	15871.0	14790.8	14075.6	13629.5	12965.9	11679.3	10591.7	9788.0	9176.0	8309.7
32.5°	16892.2	16044.2	15096.8	14374.2	14005.5	12918.0	11701.4	10672.8	9898.6	9212.9	8177.0
30°	16737.3	15712.4	14882.9	14278.3	13478.3	12501.4	11494.9	10547.5	9795.4	8965.9	8029.5
27.5°	15804.6	15012.0	14271.0	13640.6	12855.3	11977.9	11048.8	10215.7	9515.2	8711.5	7826.7
25°	14750.2	14031.3	13482.0	12932.7	12188.0	11351.2	10532.7	9931.8	9227.6	8435.0	7561.3
22.5°	13780.6	13264.5	12833.2	12258.1	11531.8	10801.8	10293.1	9670.0	8947.5	8143.8	7288.5
20°	13161.3	12811.1	12317.1	11682.9	11111.5	10654.4	10090.3	9430.4	8685.7	7845.2	7056.2
17.5°	12862.7	12457.1	11907.8	11494.9	11056.2	10554.8	9924.4	9224.0	8431.3	7708.8	7082.0
15°	12707.8	12280.2	11918.9	11513.4	11019.4	10492.2	9791.7	9065.4	8431.3	7764.1	7100.5
12.5°	12741.0	12372.3	11977.9	11535.5	11004.6	10440.6	9806.5	9131.8	8475.6	7804.6	7104.1
10°	12844.2	12457.1	12036.9	11546.5	11012.0	10455.3	9847.0	9172.3	8497.7	7823.0	7096.8
7.5°	12881.1	12460.8	12011.1	11517.1	10993.5	10447.9	9854.4	9183.4	8501.4	7819.4	7074.7
5°	12766.8	12387.1	11952.1	11454.4	10941.9	10411.1	9824.9	9168.7	8471.9	7782.5	7019.4
2.5°	12612.0	12306.0	11889.4	11410.1	10890.3	10359.4	9777.0	9102.3	8405.5	7716.1	6949.3
0°	12586.2	12206.5	11786.2	11358.5	10805.5	10245.2	9666.4	8977.0	8283.9	7590.8	6827.6
-2.5°	12416.6	12014.7	11594.5	11130.0	10643.3	10079.3	9471.0	8796.3	8110.6	7428.6	6694.9
-5°	12287.6	11841.5	11395.4	10894.0	10403.7	9839.6	9209.2	8553.0	7882.0	7218.4	6510.6
-7.5°	12114.3	11657.1	11188.9	10665.4	10134.6	9559.4	8936.4	8280.2	7620.3	6960.4	6282.0
-10°	11764.1	11362.2	10923.5	10381.6	9821.2	9246.1	8626.7	7981.6	7321.7	6654.4	5972.4
-12.5°	11340.1	10916.1	10436.9	9939.2	9437.8	8903.2	8283.9	7649.8	6986.2	6315.2	5636.9
-15°	10790.8	10374.2	9883.9	9397.2	8914.3	8401.8	7856.2	7284.8	6610.1	5950.2	5271.9
-17.5°	10105.1	9714.3	9275.6	8811.1	8331.8	7815.7	7284.8	6801.8	6171.4	5552.1	4881.1
-20°	9367.7	9002.8	8608.3	8169.6	7690.3	7185.3	6683.9	6178.8	5633.2	5087.6	4464.5



REPORT NUMBER: P722014  
 CATALOG NUMBER: IFLD-L-SA8B-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°	8600.9	8232.3	7834.1	7424.9	6982.5	6514.3	6049.8	5566.8	5087.6	4593.5	4066.4
-25°	7716.1	7391.7	7026.7	6628.6	6234.1	5824.9	5382.5	4943.8	4534.6	4106.9	3675.6
-27.5°	6790.8	6492.2	6160.4	5813.8	5474.7	5131.8	4748.4	4342.9	4003.7	3649.8	3292.2
-30°	5817.5	5577.9	5308.8	5006.5	4744.7	4468.2	4147.5	3812.0	3502.3	3233.2	2945.6
-32.5°	4895.9	4693.1	4501.4	4302.3	4044.2	3830.4	3609.2	3362.2	3089.4	2835.0	2628.6
-35°	4103.2	3885.7	3804.6	3657.1	3472.8	3284.8	3122.6	2945.6	2739.2	2514.3	2344.7
-37.5°	3435.9	3306.9	3192.6	3111.5	2989.9	2838.7	2709.7	2580.6	2422.1	2252.5	2082.9
-40°	2916.1	2827.6	2702.3	2661.8	2584.3	2481.1	2348.4	2248.8	2141.9	2012.9	1869.1
-42.5°	2499.5	2433.2	2352.1	2282.0	2248.8	2175.1	2071.9	1976.0	1891.2	1802.8	1692.2
-45°	2156.7	2112.4	2060.8	1998.2	1972.4	1913.4	1839.6	1732.7	1684.8	1611.1	1530.0
-47.5°	1880.2	1858.1	1821.2	1780.6	1743.8	1699.5	1633.2	1566.8	1500.5	1452.5	1389.9
-50°	1662.7	1647.9	1625.8	1592.6	1544.7	1515.2	1471.0	1412.0	1349.3	1308.8	1264.5
-52.5°	1489.4	1474.7	1459.9	1434.1	1397.2	1367.7	1330.9	1282.9	1231.3	1190.8	1153.9
-55°	1356.7	1334.6	1323.5	1301.4	1271.9	1238.7	1205.5	1172.4	1128.1	1091.2	1054.4
-57.5°	1253.5	1224.0	1209.2	1190.8	1161.3	1128.1	1102.3	1069.1	1039.6	999.1	965.9
-60°	1172.4	1139.2	1109.7	1091.2	1065.4	1032.3	1006.5	980.6	951.2	918.0	877.4
-62.5°	1106.0	1065.4	1024.9	1002.8	977.0	947.5	921.7	895.9	866.4	833.2	796.3
-65°	1043.3	995.4	943.8	921.7	895.9	866.4	833.2	814.7	788.9	759.4	722.6
-67.5°	965.9	914.3	870.0	844.2	818.4	792.6	763.1	744.7	718.9	682.0	645.2
-70°	851.6	818.4	788.9	766.8	744.7	722.6	693.1	663.6	634.1	600.9	567.7
-72.5°	707.8	696.8	693.1	682.0	656.2	630.4	600.9	571.4	545.6	519.8	494.0
-75°	571.4	578.8	586.2	582.5	556.7	530.9	505.1	479.3	460.8	438.7	416.6
-77.5°	453.5	460.8	468.2	468.2	449.8	435.0	416.6	398.2	383.4	365.0	342.9
-80°	350.2	361.3	372.4	379.7	365.0	353.9	339.2	324.4	309.7	294.9	280.2
-82.5°	265.4	276.5	287.6	294.9	283.9	276.5	265.4	254.4	243.3	228.6	217.5
-85°	191.7	199.1	206.5	210.1	202.8	195.4	188.0	180.6	173.3	162.2	154.8
-87.5°	110.6	114.3	118.0	121.7	114.3	106.9	103.2	95.9	92.2	84.8	81.1
-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: P722014  
 CATALOG NUMBER: IFLD-L-SA8B-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°	92.2	84.8	77.4	73.7	66.4	55.3	47.9	40.6	33.2	25.8	22.1
85°	195.4	177.0	154.8	143.8	129.0	114.3	99.5	84.8	70.0	55.3	40.6
82.5°	335.5	313.4	291.2	265.4	232.3	191.7	151.2	125.3	103.2	81.1	62.7
80°	505.1	464.5	427.6	394.5	357.6	306.0	250.7	199.1	140.1	106.9	81.1
77.5°	700.5	652.5	600.9	545.6	486.6	416.6	353.9	287.6	217.5	147.5	103.2
75°	921.7	859.0	788.9	711.5	634.1	541.9	453.5	376.0	294.9	206.5	125.3
72.5°	1168.7	1091.2	1006.5	903.2	781.6	674.7	567.7	464.5	368.7	261.8	169.6
70°	1485.7	1364.1	1238.7	1128.1	973.3	803.7	678.3	560.4	438.7	320.7	213.8
67.5°	1824.9	1677.4	1526.3	1364.1	1168.7	969.6	788.9	656.2	512.4	376.0	254.4
65°	2193.5	2009.2	1817.5	1636.9	1367.7	1131.8	929.0	748.4	582.5	427.6	294.9
62.5°	2573.3	2355.8	2134.6	1898.6	1588.9	1297.7	1061.8	851.6	648.8	475.6	331.8
60°	2978.8	2724.4	2455.3	2160.4	1799.1	1478.3	1187.1	958.5	718.9	523.5	372.4
57.5°	3406.5	3130.0	2812.9	2414.7	2016.6	1651.6	1330.9	1054.4	781.6	567.7	401.8
55°	3871.0	3553.9	3207.4	2680.2	2230.4	1824.9	1474.7	1150.2	847.9	604.6	431.3
52.5°	4372.4	4003.7	3565.0	2960.4	2455.3	2001.8	1607.4	1235.0	910.6	645.2	457.1
50°	4932.7	4468.2	3878.3	3218.4	2650.7	2167.7	1740.1	1327.2	962.2	689.4	479.3
47.5°	5515.2	5013.8	4158.5	3458.1	2849.8	2330.0	1876.5	1408.3	1013.8	726.3	501.4
45°	6123.5	5393.5	4449.8	3671.9	3023.0	2477.4	1979.7	1482.0	1076.5	759.4	519.8
42.5°	6724.4	5681.1	4704.1	3885.7	3185.3	2610.1	2064.5	1552.1	1128.1	792.6	538.2
40°	7008.3	5898.6	4906.9	4033.2	3321.7	2728.1	2138.2	1614.7	1172.4	814.7	556.7
37.5°	7126.3	6031.3	5039.6	4173.3	3428.6	2790.8	2200.9	1670.0	1209.2	836.9	571.4
35°	7152.1	6079.3	5106.0	4269.1	3517.1	2849.8	2248.8	1710.6	1238.7	859.0	586.2
32.5°	7104.1	6064.5	5124.4	4302.3	3572.4	2894.0	2282.0	1740.1	1260.8	881.1	600.9
30°	6997.2	5987.1	5058.1	4298.6	3612.9	2919.8	2304.1	1762.2	1282.9	895.9	608.3
27.5°	6824.0	5850.7	4973.3	4302.3	3635.0	2930.9	2315.2	1773.3	1297.7	906.9	623.0
25°	6610.1	5666.4	4977.0	4294.9	3638.7	2934.6	2315.2	1773.3	1301.4	910.6	634.1
22.5°	6363.1	5666.4	4977.0	4283.9	3616.6	2927.2	2304.1	1765.9	1301.4	918.0	645.2
20°	6377.9	5670.0	4965.9	4261.8	3583.4	2905.1	2278.3	1747.5	1290.3	929.0	652.5
17.5°	6388.9	5662.7	4943.8	4232.3	3539.2	2868.2	2245.2	1721.7	1290.3	940.1	656.2
15°	6388.9	5640.6	4910.6	4188.0	3483.9	2816.6	2197.2	1699.5	1294.0	943.8	663.6
12.5°	6377.9	5600.0	4859.0	4129.0	3417.5	2753.9	2167.7	1692.2	1294.0	947.5	663.6
10°	6355.8	5544.7	4792.6	4055.3	3354.8	2731.8	2153.0	1677.4	1286.6	947.5	663.6
7.5°	6315.2	5478.3	4737.3	4011.1	3318.0	2706.0	2130.9	1655.3	1275.6	940.1	671.0
5°	6252.5	5441.5	4693.1	3959.4	3266.4	2687.6	2116.1	1636.9	1268.2	940.1	663.6
2.5°	6171.4	5397.2	4641.5	3893.1	3207.4	2624.9	2068.2	1596.3	1242.4	925.3	656.2
0°	6038.7	5308.8	4553.0	3800.9	3126.3	2562.2	2020.3	1555.8	1216.6	910.6	648.8
-2.5°	5917.1	5190.8	4438.7	3705.1	3048.8	2506.9	1983.4	1533.6	1205.5	906.9	645.2
-5°	5747.5	5028.6	4287.6	3579.7	2945.6	2451.6	1946.5	1507.8	1194.5	899.5	645.2
-7.5°	5559.4	4859.0	4129.0	3450.7	2842.4	2355.8	1876.5	1467.3	1168.7	884.8	641.5
-10°	5268.2	4604.6	3930.0	3303.2	2731.8	2271.0	1817.5	1430.4	1146.5	870.0	626.7
-12.5°	4958.5	4324.4	3701.4	3122.6	2606.5	2182.5	1751.2	1389.9	1120.7	855.3	619.4
-15°	4630.4	4036.9	3461.8	2934.6	2470.0	2075.6	1681.1	1345.6	1094.9	836.9	608.3
-17.5°	4287.6	3734.6	3214.7	2742.9	2333.6	1965.0	1607.4	1305.1	1065.4	818.4	597.2
-20°	3926.3	3424.9	2964.1	2547.5	2189.9	1854.4	1530.0	1257.1	1032.3	796.3	582.5



REPORT NUMBER: P722014

CATALOG NUMBER: IFLD-L-SA8B-727-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3568.7	3118.9	2706.0	2355.8	2042.4	1740.1	1452.5	1209.2	995.4	770.5	571.4
-25°	3251.6	2831.3	2477.4	2171.4	1898.6	1629.5	1371.4	1161.3	954.8	744.7	556.7
-27.5°	2941.9	2584.3	2252.5	1998.2	1758.5	1522.6	1294.0	1109.7	914.3	715.2	541.9
-30°	2654.4	2348.4	2075.6	1828.6	1625.8	1426.7	1227.6	1058.1	870.0	685.7	523.5
-32.5°	2392.6	2145.6	1917.1	1681.1	1500.5	1330.9	1165.0	1006.5	825.8	656.2	505.1
-35°	2149.3	1957.6	1758.5	1559.4	1375.1	1242.4	1098.6	951.2	785.3	623.0	486.6
-37.5°	1931.8	1777.0	1618.4	1448.8	1290.3	1157.6	1035.9	895.9	744.7	593.5	468.2
-40°	1743.8	1618.4	1478.3	1341.9	1209.2	1083.9	973.3	840.6	704.1	571.4	449.8
-42.5°	1570.5	1474.7	1360.4	1246.1	1128.1	1017.5	910.6	781.6	663.6	545.6	431.3
-45°	1437.8	1341.9	1249.8	1146.5	1047.0	951.2	844.2	730.0	626.7	516.1	412.9
-47.5°	1312.4	1227.6	1142.9	1058.1	977.0	888.5	781.6	685.7	586.2	490.3	398.2
-50°	1201.8	1120.7	1047.0	973.3	903.2	818.4	718.9	641.5	553.0	464.5	379.7
-52.5°	1098.6	1028.6	954.8	895.9	836.9	752.1	671.0	597.2	519.8	435.0	361.3
-55°	1006.5	940.1	873.7	818.4	763.1	689.4	623.0	560.4	486.6	412.9	342.9
-57.5°	918.0	862.7	800.0	748.4	693.1	634.1	578.8	519.8	453.5	390.8	324.4
-60°	836.9	785.3	730.0	678.3	630.4	582.5	530.9	482.9	424.0	365.0	306.0
-62.5°	755.8	711.5	663.6	612.0	575.1	530.9	490.3	442.4	394.5	342.9	272.8
-65°	682.0	641.5	597.2	553.0	519.8	486.6	449.8	405.5	365.0	317.1	243.3
-67.5°	608.3	571.4	534.6	497.7	468.2	442.4	405.5	372.4	339.2	287.6	213.8
-70°	538.2	508.8	475.6	446.1	424.0	394.5	368.7	339.2	309.7	250.7	180.6
-72.5°	471.9	442.4	416.6	394.5	376.0	350.2	328.1	306.0	265.4	210.1	151.2
-75°	394.5	376.0	361.3	342.9	324.4	306.0	287.6	261.8	221.2	169.6	118.0
-77.5°	324.4	313.4	302.3	287.6	272.8	258.1	235.9	210.1	177.0	132.7	95.9
-80°	265.4	254.4	247.0	232.3	221.2	206.5	184.3	162.2	129.0	103.2	77.4
-82.5°	202.8	195.4	188.0	180.6	169.6	154.8	132.7	114.3	95.9	77.4	59.0
-85°	143.8	140.1	132.7	125.3	114.3	103.2	88.5	77.4	66.4	51.6	40.6
-87.5°	73.7	70.0	66.4	62.7	59.0	51.6	44.2	36.9	33.2	25.8	18.4
-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: P722014  
 CATALOG NUMBER: IFLD-L-SA8B-727-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	14.7	11.1	3.7	0.0
85°	29.5	18.4	7.4	0.0
82.5°	44.2	29.5	11.1	0.0
80°	59.0	36.9	18.4	0.0
77.5°	73.7	44.2	22.1	0.0
75°	88.5	55.3	25.8	0.0
72.5°	99.5	62.7	29.5	0.0
70°	118.0	73.7	33.2	0.0
67.5°	147.5	81.1	36.9	0.0
65°	173.3	88.5	40.6	0.0
62.5°	202.8	95.9	44.2	0.0
60°	228.6	103.2	47.9	0.0
57.5°	254.4	121.7	51.6	0.0
55°	276.5	136.4	55.3	0.0
52.5°	302.3	151.2	59.0	0.0
50°	324.4	165.9	62.7	0.0
47.5°	342.9	180.6	62.7	0.0
45°	357.6	191.7	66.4	0.0
42.5°	368.7	202.8	70.0	0.0
40°	379.7	213.8	73.7	0.0
37.5°	390.8	224.9	73.7	0.0
35°	401.8	235.9	77.4	0.0
32.5°	412.9	247.0	77.4	0.0
30°	420.3	254.4	81.1	0.0
27.5°	431.3	261.8	81.1	0.0
25°	435.0	269.1	84.8	0.0
22.5°	442.4	272.8	84.8	0.0
20°	449.8	280.2	84.8	0.0
17.5°	453.5	283.9	88.5	0.0
15°	453.5	287.6	92.2	0.0
12.5°	457.1	291.2	92.2	0.0
10°	457.1	298.6	88.5	0.0
7.5°	464.5	294.9	88.5	0.0
5°	460.8	294.9	88.5	0.0
2.5°	457.1	291.2	88.5	0.0
0°	453.5	291.2	88.5	0.0
-2.5°	453.5	291.2	88.5	0.0
-5°	453.5	291.2	88.5	0.0
-7.5°	449.8	294.9	88.5	0.0
-10°	442.4	294.9	88.5	0.0
-12.5°	438.7	283.9	88.5	0.0
-15°	435.0	280.2	88.5	0.0
-17.5°	427.6	276.5	84.8	0.0
-20°	420.3	272.8	84.8	0.0



REPORT NUMBER: P722014

CATALOG NUMBER: IFLD-L-SA8B-727-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	412.9	265.4	84.8	0.0
-25°	405.5	258.1	81.1	0.0
-27.5°	398.2	250.7	81.1	0.0
-30°	387.1	243.3	77.4	0.0
-32.5°	376.0	235.9	77.4	0.0
-35°	368.7	224.9	73.7	0.0
-37.5°	357.6	213.8	73.7	0.0
-40°	346.5	202.8	70.0	0.0
-42.5°	335.5	191.7	66.4	0.0
-45°	320.7	180.6	66.4	0.0
-47.5°	309.7	169.6	62.7	0.0
-50°	291.2	154.8	59.0	0.0
-52.5°	269.1	140.1	55.3	0.0
-55°	247.0	129.0	51.6	0.0
-57.5°	224.9	114.3	51.6	0.0
-60°	202.8	99.5	47.9	0.0
-62.5°	180.6	92.2	44.2	0.0
-65°	158.5	84.8	40.6	0.0
-67.5°	132.7	73.7	36.9	0.0
-70°	110.6	66.4	33.2	0.0
-72.5°	95.9	59.0	29.5	0.0
-75°	81.1	51.6	25.8	0.0
-77.5°	70.0	44.2	22.1	0.0
-80°	55.3	33.2	14.7	0.0
-82.5°	40.6	25.8	11.1	0.0
-85°	25.8	18.4	7.4	0.0
-87.5°	14.7	7.4	3.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)