

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: P721985

Luminaire Tested: **IFLD-L-SA8B-722-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P721985  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8B-722-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (128) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

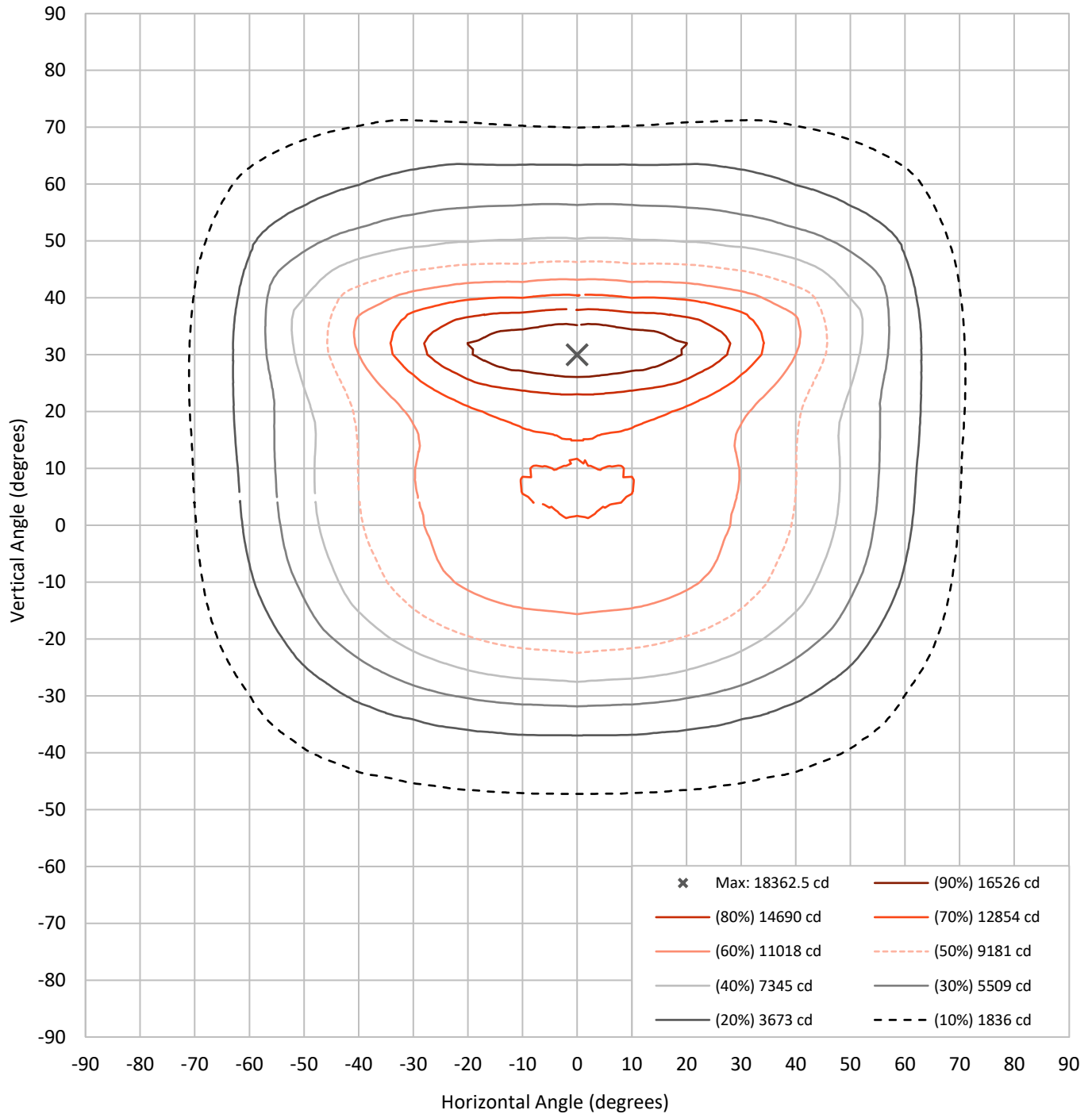
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 30651.7 lumens	Max Intensity: 18362.5 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 95.8 lumens/watt	
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 17824.3 lumens	Field Lumens: 28724.6 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: P721985  
CATALOG NUMBER: IFLD-L-SA8B-722-U-76

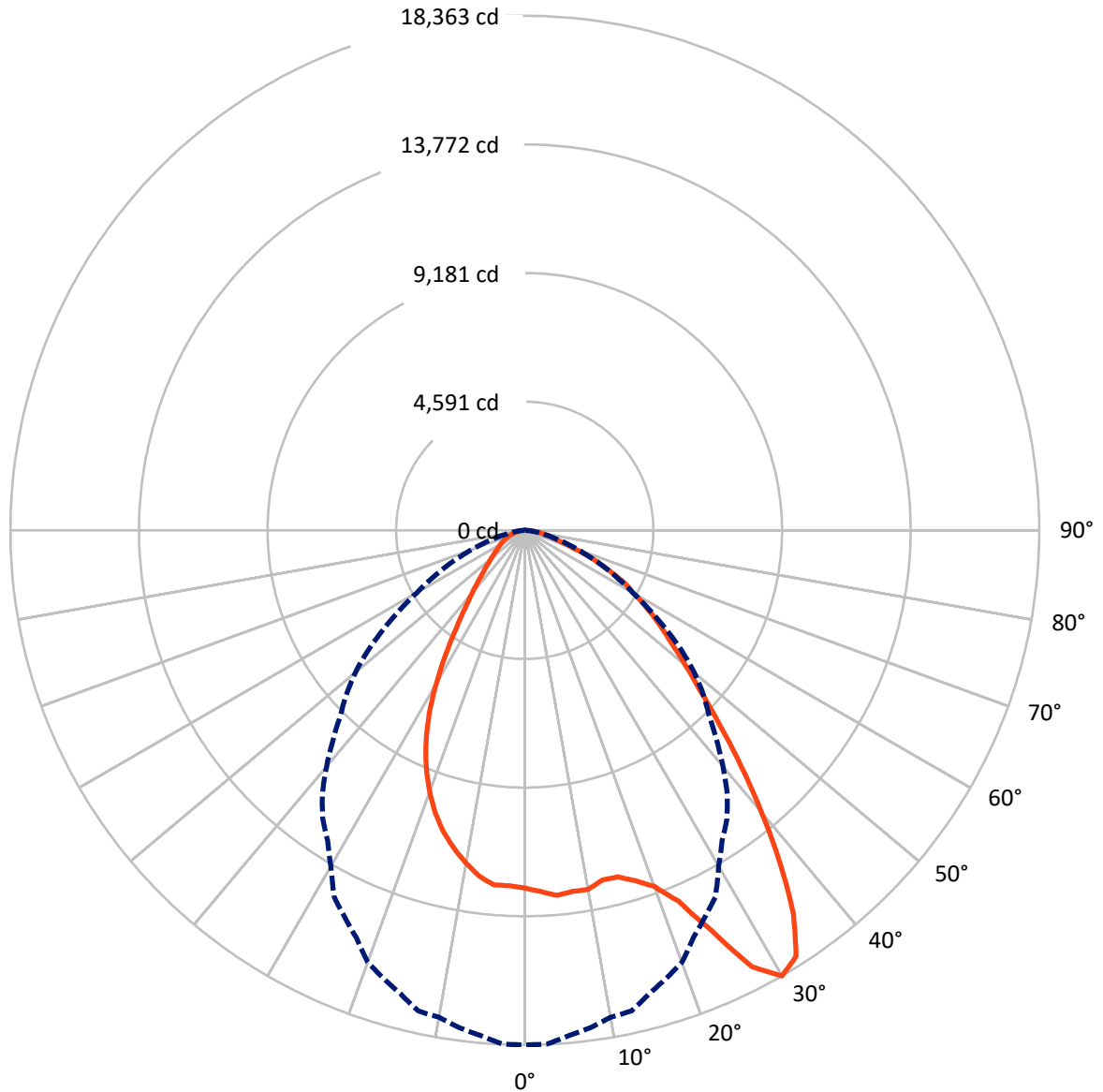
### Iso-Candela Plot





REPORT NUMBER: P721985  
CATALOG NUMBER: IFLD-L-SA8B-722-U-76

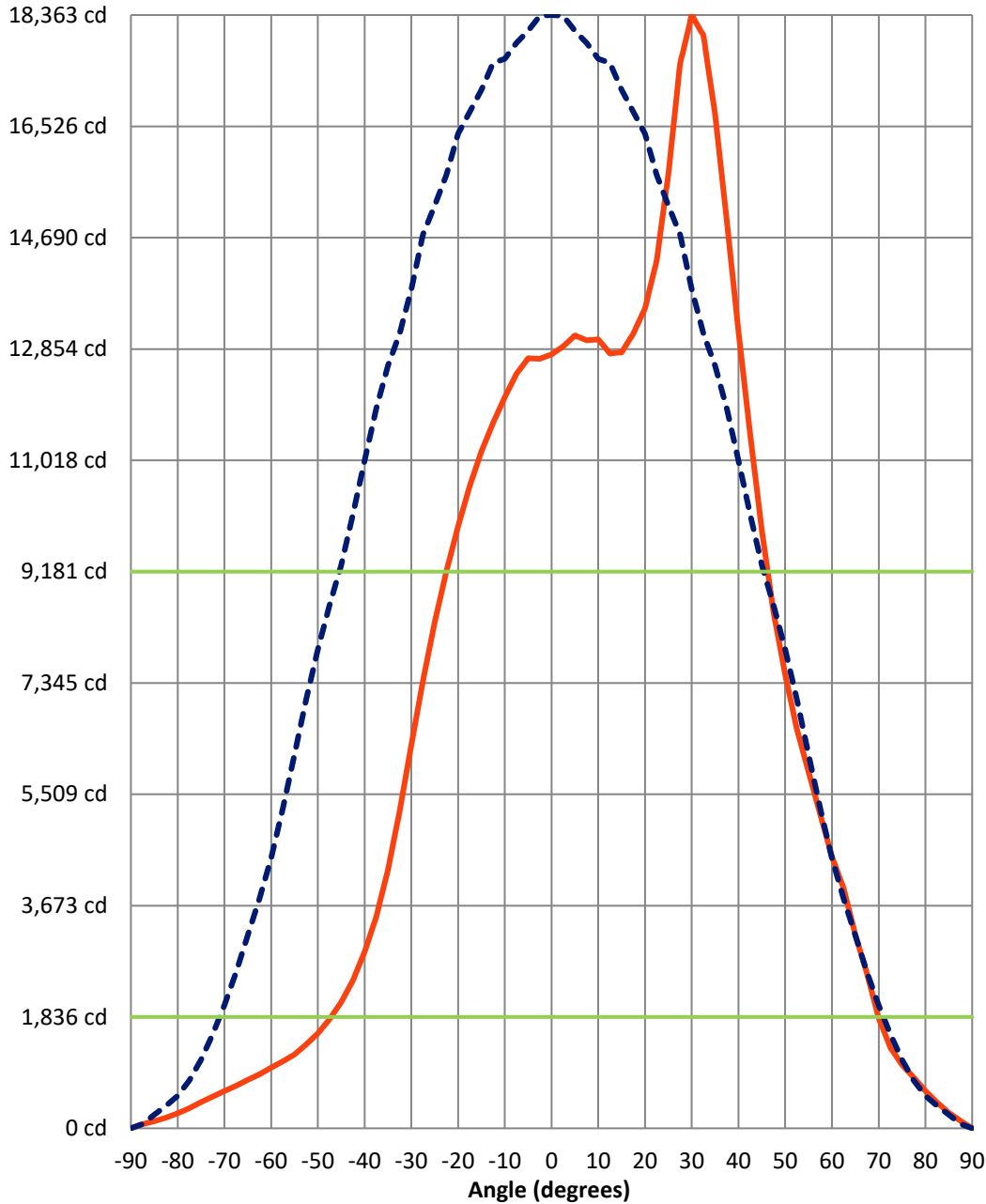
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P721985  
 CATALOG NUMBER: IFLD-L-SA8B-722-U-76

### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 17824.3  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 28724.6  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1927.1  
 Efficiency: 6.3%

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



REPORT NUMBER: P721985  
 CATALOG NUMBER: IFLD-L-SA8B-722-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°	123.4	126.6	129.9	129.9	126.6	126.6	126.6	123.4	126.6	126.6	126.6
85°	256.5	263.0	269.5	266.3	263.0	256.5	250.0	253.3	256.5	259.8	259.8
82.5°	425.4	435.1	441.6	438.4	431.9	425.4	418.9	422.1	428.6	431.9	431.9
80°	617.0	620.2	623.4	629.9	620.2	620.2	617.0	629.9	636.4	642.9	649.4
77.5°	837.8	841.0	841.0	844.3	847.5	850.7	850.7	873.5	889.7	899.5	909.2
75°	1045.6	1055.3	1065.1	1074.8	1087.8	1094.3	1104.0	1136.5	1162.5	1182.0	1201.4
72.5°	1331.3	1344.3	1360.5	1383.3	1406.0	1422.2	1445.0	1483.9	1513.2	1532.6	1555.4
70°	1821.6	1834.6	1850.9	1867.1	1889.8	1906.1	1928.8	1977.5	2006.7	2019.7	2032.7
67.5°	2549.0	2581.5	2610.7	2578.2	2562.0	2539.3	2545.8	2591.2	2620.4	2639.9	2636.7
65°	3195.2	3217.9	3217.9	3214.7	3201.7	3172.4	3188.7	3243.9	3276.4	3292.6	3243.9
62.5°	3955.0	3955.0	3938.8	3964.7	3968.0	3948.5	3938.8	3942.0	3945.3	3955.0	3873.8
60°	4481.0	4513.5	4523.3	4546.0	4552.5	4552.5	4568.7	4581.7	4581.7	4562.2	4468.1
57.5°	5175.9	5237.6	5250.6	5234.4	5201.9	5159.7	5153.2	5133.7	5094.7	5055.8	5010.3
55°	5877.3	5909.8	5906.5	5896.8	5864.3	5815.6	5822.1	5796.1	5734.4	5685.7	5624.0
52.5°	6581.9	6659.9	6672.9	6653.4	6607.9	6556.0	6559.2	6530.0	6468.3	6416.3	6331.9
50°	7481.4	7546.3	7539.8	7507.4	7442.4	7403.5	7406.7	7351.5	7280.1	7263.8	7153.4
47.5°	8510.7	8585.4	8572.4	8527.0	8439.3	8423.1	8439.3	8367.9	8325.6	8289.9	8160.0
45°	9861.5	9949.2	9900.5	9812.8	9673.2	9689.4	9712.2	9699.2	9608.3	9514.1	9348.5
42.5°	11446.1	11501.3	11442.9	11355.2	11179.9	11212.3	11199.4	11121.4	11066.2	10910.4	10699.3
40°	13141.1	13261.3	13170.4	13034.0	12852.1	12900.9	12865.1	12764.5	12634.6	12439.8	12173.5
37.5°	14969.3	15063.4	14959.5	14800.4	14638.1	14621.8	14550.4	14394.5	14209.4	13995.1	13569.8
35°	16719.5	16963.0	16771.4	16518.2	16320.1	16245.4	16177.2	15816.8	15605.7	15258.3	14677.0
32.5°	18021.6	18200.2	17963.1	17700.1	17459.8	17355.9	17115.6	16687.0	16573.4	15842.8	15310.2
30°	18362.5	18349.5	18102.8	17901.4	17641.7	17570.2	17128.6	16764.9	16401.3	15725.9	15219.3
27.5°	17550.7	17469.6	17232.5	17057.2	16800.7	16716.2	16281.1	16086.3	15524.5	14953.0	14524.4
25°	15742.1	15784.3	15605.7	15518.0	15349.2	15167.4	14995.3	14732.2	14381.5	13881.5	13488.6
22.5°	14316.6	14371.8	14297.1	14193.2	14063.3	13962.7	13832.8	13628.2	13290.5	12982.0	12611.9
20°	13524.3	13508.1	13443.1	13365.2	13241.8	13170.4	13027.5	12855.4	12595.6	12329.4	11930.0
17.5°	13108.7	13008.0	12946.3	12917.1	12852.1	12761.2	12592.4	12417.0	12215.7	11913.7	11621.5
15°	12800.2	12816.4	12767.7	12745.0	12693.0	12566.4	12394.3	12251.4	11978.7	11826.1	11559.8
12.5°	12780.7	12764.5	12767.7	12758.0	12693.0	12530.7	12443.0	12261.2	12085.8	11884.5	11579.3
10°	13011.3	12839.2	12852.1	12897.6	12793.7	12663.8	12569.6	12371.6	12206.0	11949.4	11647.5
7.5°	12998.3	12910.6	12936.6	12861.9	12894.4	12735.2	12605.4	12407.3	12199.5	11926.7	11654.0
5°	13076.2	12943.1	12920.3	12926.8	12845.7	12725.5	12550.2	12361.8	12167.0	11861.8	11582.5
2.5°	12897.6	12917.1	12813.2	12774.2	12764.5	12563.2	12400.8	12219.0	12017.6	11748.1	11498.1
0°	12764.5	12800.2	12693.0	12637.8	12634.6	12462.5	12358.6	12150.8	12007.9	11783.8	11481.9
-2.5°	12693.0	12735.2	12748.2	12647.6	12550.2	12417.0	12241.7	12017.6	11783.8	11524.1	11264.3
-5°	12699.5	12615.1	12579.4	12611.9	12527.4	12394.3	12199.5	12001.4	11770.9	11491.6	11166.9
-7.5°	12443.0	12358.6	12352.1	12335.9	12316.4	12189.7	12027.4	11813.1	11579.3	11319.5	11017.5
-10°	12059.8	11998.2	11981.9	11965.7	11913.7	11839.0	11686.4	11491.6	11280.5	11020.8	10699.3
-12.5°	11634.5	11605.2	11543.6	11501.3	11449.4	11361.7	11215.6	11037.0	10825.9	10595.4	10319.4
-15°	11163.6	11108.4	11046.7	11011.0	10936.3	10832.4	10686.3	10520.7	10290.2	10062.9	9803.1
-17.5°	10595.4	10527.2	10459.0	10449.3	10397.3	10238.2	10101.8	9900.5	9699.2	9481.6	9228.3
-20°	9926.5	9832.3	9786.9	9760.9	9689.4	9572.5	9426.4	9241.3	9046.5	8838.7	8546.4



REPORT NUMBER: P721985  
 CATALOG NUMBER: IFLD-L-SA8B-722-U-76

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	9186.1	9105.0	9027.0	8978.3	8916.6	8825.7	8686.1	8523.7	8332.1	8098.3	7828.8
-25°	8345.1	8231.5	8182.8	8127.6	8095.1	8010.7	7874.3	7724.9	7526.9	7299.6	7043.0
-27.5°	7384.0	7293.1	7267.1	7189.1	7150.2	7062.5	6948.9	6809.2	6627.4	6413.1	6202.0
-30°	6322.2	6267.0	6224.8	6146.8	6117.6	6023.4	5948.7	5831.8	5666.2	5513.6	5344.8
-32.5°	5231.1	5175.9	5162.9	5127.2	5107.7	5046.0	4961.6	4877.2	4744.1	4630.4	4494.0
-35°	4263.5	4224.5	4227.8	4224.5	4205.0	4159.6	4055.7	4032.9	3935.5	3831.6	3743.9
-37.5°	3490.7	3493.9	3490.7	3487.4	3461.4	3442.0	3367.3	3338.1	3279.6	3178.9	3127.0
-40°	2909.4	2915.9	2912.7	2906.2	2877.0	2867.2	2818.5	2779.5	2756.8	2685.4	2630.2
-42.5°	2438.6	2448.3	2445.1	2441.8	2422.4	2419.1	2393.1	2347.7	2334.7	2292.5	2234.0
-45°	2081.4	2078.2	2071.7	2078.2	2068.4	2058.7	2042.4	2013.2	1997.0	1977.5	1928.8
-47.5°	1798.9	1802.2	1795.7	1795.7	1782.7	1772.9	1766.4	1747.0	1734.0	1717.7	1688.5
-50°	1565.1	1578.1	1574.9	1571.6	1561.9	1555.4	1555.4	1535.9	1516.4	1509.9	1490.4
-52.5°	1383.3	1393.0	1396.3	1402.8	1406.0	1409.3	1399.5	1380.0	1347.6	1344.3	1334.6
-55°	1217.7	1246.9	1266.4	1279.4	1292.4	1302.1	1282.6	1256.6	1224.2	1211.2	1207.9
-57.5°	1104.0	1133.2	1156.0	1175.5	1191.7	1207.9	1188.5	1162.5	1133.2	1117.0	1113.8
-60°	1000.1	1026.1	1048.8	1074.8	1097.5	1123.5	1113.8	1094.3	1078.0	1065.1	1052.1
-62.5°	889.7	915.7	941.7	974.1	1003.4	1029.3	1032.6	1029.3	1026.1	1029.3	1006.6
-65°	798.8	811.8	828.0	863.7	896.2	925.4	941.7	951.4	967.6	983.9	961.2
-67.5°	701.4	717.6	737.1	763.1	789.1	808.5	831.3	857.2	883.2	909.2	893.0
-70°	613.7	626.7	642.9	655.9	672.2	685.1	704.6	733.9	763.1	789.1	782.6
-72.5°	522.8	535.8	545.5	552.0	561.8	568.2	578.0	604.0	623.4	636.4	636.4
-75°	431.9	444.9	454.6	457.8	464.3	467.6	474.1	483.8	493.6	496.8	500.1
-77.5°	331.2	344.2	353.9	360.4	366.9	373.4	376.7	383.2	386.4	386.4	389.7
-80°	246.8	256.5	263.0	272.8	276.0	282.5	289.0	292.2	295.5	295.5	298.7
-82.5°	175.3	181.8	188.3	194.8	201.3	204.6	211.1	214.3	217.6	220.8	224.1
-85°	116.9	123.4	129.9	136.4	139.6	142.9	146.1	149.4	152.6	155.9	159.1
-87.5°	68.2	71.4	74.7	81.2	84.4	90.9	94.2	90.9	94.2	94.2	94.2
-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: P721985  
 CATALOG NUMBER: IFLD-L-SA8B-722-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°	126.6	126.6	126.6	126.6	123.4	116.9	113.6	107.2	100.7	94.2	87.7
85°	263.0	266.3	266.3	266.3	259.8	256.5	246.8	237.0	224.1	204.6	188.3
82.5°	438.4	441.6	441.6	438.4	431.9	422.1	409.1	392.9	366.9	340.9	318.2
80°	659.2	662.4	662.4	659.2	642.9	626.7	610.5	591.0	558.5	522.8	483.8
77.5°	922.2	928.7	928.7	918.9	896.2	876.7	850.7	818.3	769.6	717.6	665.7
75°	1227.4	1243.7	1246.9	1237.2	1207.9	1172.2	1130.0	1074.8	1000.1	935.2	873.5
72.5°	1581.4	1597.6	1610.6	1597.6	1555.4	1506.7	1445.0	1380.0	1305.3	1217.7	1113.8
70°	2045.7	2061.9	2071.7	2029.5	1954.8	1873.6	1798.9	1724.2	1636.6	1529.4	1415.7
67.5°	2630.2	2613.9	2594.5	2510.0	2415.9	2318.5	2214.5	2104.1	1990.5	1876.8	1743.7
65°	3191.9	3146.5	3104.3	3003.6	2883.5	2756.8	2636.7	2513.3	2376.9	2234.0	2107.4
62.5°	3782.9	3685.5	3581.6	3458.2	3334.8	3195.2	3075.0	2928.9	2776.3	2601.0	2438.6
60°	4364.1	4247.2	4143.3	3990.7	3828.4	3640.0	3510.1	3367.3	3188.7	3000.3	2808.8
57.5°	4925.9	4799.3	4685.6	4552.5	4377.1	4172.6	4029.7	3844.6	3656.3	3419.2	3224.4
55°	5523.4	5396.7	5305.8	5156.4	4964.9	4776.5	4620.7	4425.8	4162.8	3909.5	3669.3
52.5°	6208.5	6107.9	6010.4	5857.8	5627.3	5435.7	5263.6	5046.0	4770.0	4458.3	4169.3
50°	6974.8	6922.9	6819.0	6640.4	6377.4	6208.5	5981.2	5692.2	5396.7	5068.8	4708.3
47.5°	7991.2	7906.8	7760.6	7565.8	7345.0	7091.7	6786.5	6448.8	6029.9	5666.2	5283.1
45°	9205.6	9049.8	8861.4	8598.4	8325.6	8039.9	7705.4	7276.8	6715.1	6241.0	5838.3
42.5°	10520.7	10309.6	10053.1	9708.9	9355.0	9004.3	8643.9	8059.4	7358.0	6812.5	6357.9
40°	11894.2	11624.7	11303.3	10803.2	10410.3	9959.0	9546.6	8673.1	7926.2	7335.3	6851.4
37.5°	13238.6	12897.6	12358.6	11751.4	11293.5	10923.3	10017.4	9082.2	8413.3	7763.9	7273.6
35°	14267.9	13978.9	13027.5	12397.5	12004.6	11420.2	10286.9	9329.0	8621.1	8082.1	7319.0
32.5°	14878.4	14131.5	13297.0	12660.6	12335.9	11377.9	10306.4	9400.4	8718.5	8114.6	7202.1
30°	14742.0	13839.3	13108.7	12576.1	11871.5	11011.0	10124.6	9290.0	8627.6	7897.0	7072.3
27.5°	13920.5	13222.3	12569.6	12014.4	11322.7	10549.9	9731.7	8997.8	8380.8	7673.0	6893.7
25°	12991.8	12358.6	11874.8	11390.9	10735.0	9997.9	9277.1	8747.8	8127.6	7429.4	6659.9
22.5°	12137.8	11683.2	11303.3	10796.7	10157.0	9514.1	9066.0	8517.2	7880.8	7172.9	6419.6
20°	11592.3	11283.8	10848.7	10290.2	9786.9	9384.2	8887.4	8306.2	7650.2	6909.9	6215.0
17.5°	11329.2	10972.1	10488.2	10124.6	9738.1	9296.5	8741.3	8124.3	7426.2	6789.8	6237.7
15°	11192.9	10816.2	10498.0	10140.8	9705.7	9241.3	8624.4	7984.7	7426.2	6838.5	6254.0
12.5°	11222.1	10897.4	10549.9	10160.3	9692.7	9195.9	8637.4	8043.1	7465.2	6874.2	6257.2
10°	11313.0	10972.1	10601.9	10170.0	9699.2	9208.9	8673.1	8078.9	7484.6	6890.4	6250.7
7.5°	11345.5	10975.3	10579.2	10144.0	9682.9	9202.4	8679.6	8088.6	7487.9	6887.2	6231.2
5°	11244.8	10910.4	10527.2	10088.8	9637.5	9169.9	8653.6	8075.6	7461.9	6854.7	6182.5
2.5°	11108.4	10838.9	10472.0	10049.9	9592.0	9124.4	8611.4	8017.2	7403.5	6796.2	6120.8
0°	11085.7	10751.3	10381.1	10004.4	9517.3	9023.8	8514.0	7906.8	7296.3	6685.8	6013.7
-2.5°	10936.3	10582.4	10212.2	9803.1	9374.5	8877.7	8341.9	7747.7	7143.7	6543.0	5896.8
-5°	10822.7	10429.8	10036.9	9595.3	9163.4	8666.6	8111.3	7533.3	6942.4	6357.9	5734.4
-7.5°	10670.1	10267.4	9855.0	9394.0	8926.4	8419.8	7871.0	7293.1	6711.8	6130.6	5533.1
-10°	10361.6	10007.7	9621.3	9143.9	8650.4	8143.8	7598.3	7030.0	6448.8	5861.1	5260.4
-12.5°	9988.2	9614.8	9192.6	8754.3	8312.7	7841.8	7296.3	6737.8	6153.3	5562.3	4964.9
-15°	9504.4	9137.4	8705.6	8276.9	7851.6	7400.2	6919.6	6416.3	5822.1	5240.9	4643.4
-17.5°	8900.4	8556.2	8169.8	7760.6	7338.5	6883.9	6416.3	5991.0	5435.7	4890.2	4299.2
-20°	8251.0	7929.5	7582.1	7195.6	6773.5	6328.7	5887.0	5442.2	4961.6	4481.0	3932.3



REPORT NUMBER: P721985  
 CATALOG NUMBER: IFLD-L-SA8B-722-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	7575.6	7250.8	6900.2	6539.7	6150.1	5737.7	5328.5	4903.2	4481.0	4045.9	3581.6
-25°	6796.2	6510.5	6189.0	5838.3	5490.9	5130.5	4740.8	4354.4	3994.0	3617.3	3237.4
-27.5°	5981.2	5718.2	5426.0	5120.7	4822.0	4520.0	4182.3	3825.1	3526.4	3214.7	2899.7
-30°	5124.0	4912.9	4675.9	4409.6	4179.1	3935.5	3653.0	3357.5	3084.8	2847.7	2594.5
-32.5°	4312.2	4133.6	3964.7	3789.4	3562.1	3373.8	3178.9	2961.4	2721.1	2497.0	2315.2
-35°	3614.1	3422.5	3351.0	3221.2	3058.8	2893.2	2750.3	2594.5	2412.6	2214.5	2065.2
-37.5°	3026.3	2912.7	2812.0	2740.6	2633.4	2500.3	2386.6	2273.0	2133.4	1984.0	1834.6
-40°	2568.5	2490.5	2380.1	2344.4	2276.2	2185.3	2068.4	1980.8	1886.6	1772.9	1646.3
-42.5°	2201.6	2143.1	2071.7	2010.0	1980.8	1915.8	1824.9	1740.5	1665.8	1587.8	1490.4
-45°	1899.6	1860.6	1815.1	1759.9	1737.2	1685.3	1620.3	1526.2	1483.9	1419.0	1347.6
-47.5°	1656.0	1636.6	1604.1	1568.4	1535.9	1496.9	1438.5	1380.0	1321.6	1279.4	1224.2
-50°	1464.5	1451.5	1432.0	1402.8	1360.5	1334.6	1295.6	1243.7	1188.5	1152.7	1113.8
-52.5°	1311.8	1298.9	1285.9	1263.1	1230.7	1204.7	1172.2	1130.0	1084.5	1048.8	1016.4
-55°	1194.9	1175.5	1165.7	1146.2	1120.3	1091.0	1061.8	1032.6	993.6	961.2	928.7
-57.5°	1104.0	1078.0	1065.1	1048.8	1022.8	993.6	970.9	941.7	915.7	880.0	850.7
-60°	1032.6	1003.4	977.4	961.2	938.4	909.2	886.5	863.7	837.8	808.5	772.8
-62.5°	974.1	938.4	902.7	883.2	860.5	834.5	811.8	789.1	763.1	733.9	701.4
-65°	918.9	876.7	831.3	811.8	789.1	763.1	733.9	717.6	694.9	668.9	636.4
-67.5°	850.7	805.3	766.3	743.6	720.9	698.1	672.2	655.9	633.2	600.7	568.2
-70°	750.1	720.9	694.9	675.4	655.9	636.4	610.5	584.5	558.5	529.3	500.1
-72.5°	623.4	613.7	610.5	600.7	578.0	555.3	529.3	503.3	480.6	457.8	435.1
-75°	503.3	509.8	516.3	513.0	490.3	467.6	444.9	422.1	405.9	386.4	366.9
-77.5°	399.4	405.9	412.4	412.4	396.2	383.2	366.9	350.7	337.7	321.5	302.0
-80°	308.5	318.2	328.0	334.5	321.5	311.7	298.7	285.7	272.8	259.8	246.8
-82.5°	233.8	243.5	253.3	259.8	250.0	243.5	233.8	224.1	214.3	201.3	191.6
-85°	168.9	175.3	181.8	185.1	178.6	172.1	165.6	159.1	152.6	142.9	136.4
-87.5°	97.4	100.7	103.9	107.2	100.7	94.2	90.9	84.4	81.2	74.7	71.4
-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: P721985  
 CATALOG NUMBER: IFLD-L-SA8B-722-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°	81.2	74.7	68.2	64.9	58.4	48.7	42.2	35.7	29.2	22.7	19.5
85°	172.1	155.9	136.4	126.6	113.6	100.7	87.7	74.7	61.7	48.7	35.7
82.5°	295.5	276.0	256.5	233.8	204.6	168.9	133.1	110.4	90.9	71.4	55.2
80°	444.9	409.1	376.7	347.4	315.0	269.5	220.8	175.3	123.4	94.2	71.4
77.5°	617.0	574.7	529.3	480.6	428.6	366.9	311.7	253.3	191.6	129.9	90.9
75°	811.8	756.6	694.9	626.7	558.5	477.3	399.4	331.2	259.8	181.8	110.4
72.5°	1029.3	961.2	886.5	795.5	688.4	594.2	500.1	409.1	324.7	230.5	149.4
70°	1308.6	1201.4	1091.0	993.6	857.2	707.9	597.5	493.6	386.4	282.5	188.3
67.5°	1607.3	1477.4	1344.3	1201.4	1029.3	854.0	694.9	578.0	451.4	331.2	224.1
65°	1932.0	1769.7	1600.8	1441.7	1204.7	996.9	818.3	659.2	513.0	376.7	259.8
62.5°	2266.5	2074.9	1880.1	1672.3	1399.5	1143.0	935.2	750.1	571.5	418.9	292.2
60°	2623.7	2399.6	2162.6	1902.8	1584.6	1302.1	1045.6	844.3	633.2	461.1	328.0
57.5°	3000.3	2756.8	2477.6	2126.9	1776.2	1454.7	1172.2	928.7	688.4	500.1	353.9
55°	3409.5	3130.2	2825.0	2360.7	1964.5	1607.3	1298.9	1013.1	746.8	532.5	379.9
52.5°	3851.1	3526.4	3140.0	2607.4	2162.6	1763.2	1415.7	1087.8	802.0	568.2	402.6
50°	4344.7	3935.5	3416.0	2834.7	2334.7	1909.3	1532.6	1169.0	847.5	607.2	422.1
47.5°	4857.7	4416.1	3662.8	3045.8	2510.0	2052.2	1652.8	1240.4	893.0	639.7	441.6
45°	5393.5	4750.6	3919.3	3234.1	2662.6	2182.1	1743.7	1305.3	948.2	668.9	457.8
42.5°	5922.8	5003.8	4143.3	3422.5	2805.5	2299.0	1818.4	1367.0	993.6	698.1	474.1
40°	6172.8	5195.4	4321.9	3552.4	2925.7	2402.9	1883.3	1422.2	1032.6	717.6	490.3
37.5°	6276.7	5312.3	4438.8	3675.8	3019.8	2458.1	1938.5	1471.0	1065.1	737.1	503.3
35°	6299.4	5354.5	4497.3	3760.2	3097.8	2510.0	1980.8	1506.7	1091.0	756.6	516.3
32.5°	6257.2	5341.5	4513.5	3789.4	3146.5	2549.0	2010.0	1532.6	1110.5	776.1	529.3
30°	6163.1	5273.3	4455.1	3786.2	3182.2	2571.7	2029.5	1552.1	1130.0	789.1	535.8
27.5°	6010.4	5153.2	4380.4	3789.4	3201.7	2581.5	2039.2	1561.9	1143.0	798.8	548.8
25°	5822.1	4990.8	4383.6	3782.9	3204.9	2584.7	2039.2	1561.9	1146.2	802.0	558.5
22.5°	5604.5	4990.8	4383.6	3773.2	3185.4	2578.2	2029.5	1555.4	1146.2	808.5	568.2
20°	5617.5	4994.1	4373.9	3753.7	3156.2	2558.7	2006.7	1539.1	1136.5	818.3	574.7
17.5°	5627.3	4987.6	4354.4	3727.7	3117.2	2526.3	1977.5	1516.4	1136.5	828.0	578.0
15°	5627.3	4968.1	4325.2	3688.7	3068.5	2480.8	1935.3	1496.9	1139.7	831.3	584.5
12.5°	5617.5	4932.4	4279.7	3636.8	3010.1	2425.6	1909.3	1490.4	1139.7	834.5	584.5
10°	5598.1	4883.7	4221.3	3571.8	2954.9	2406.1	1896.3	1477.4	1133.2	834.5	584.5
7.5°	5562.3	4825.2	4172.6	3532.9	2922.4	2383.4	1876.8	1458.0	1123.5	828.0	591.0
5°	5507.1	4792.8	4133.6	3487.4	2877.0	2367.2	1863.9	1441.7	1117.0	828.0	584.5
2.5°	5435.7	4753.8	4088.1	3429.0	2825.0	2312.0	1821.6	1406.0	1094.3	815.0	578.0
0°	5318.8	4675.9	4010.2	3347.8	2753.6	2256.8	1779.4	1370.3	1071.6	802.0	571.5
-2.5°	5211.6	4572.0	3909.5	3263.4	2685.4	2208.0	1747.0	1350.8	1061.8	798.8	568.2
-5°	5062.3	4429.1	3776.4	3153.0	2594.5	2159.3	1714.5	1328.1	1052.1	792.3	568.2
-7.5°	4896.7	4279.7	3636.8	3039.3	2503.5	2074.9	1652.8	1292.4	1029.3	779.3	565.0
-10°	4640.2	4055.7	3461.4	2909.4	2406.1	2000.2	1600.8	1259.9	1009.9	766.3	552.0
-12.5°	4367.4	3808.9	3260.1	2750.3	2295.7	1922.3	1542.4	1224.2	987.1	753.3	545.5
-15°	4078.4	3555.6	3049.1	2584.7	2175.6	1828.1	1480.7	1185.2	964.4	737.1	535.8
-17.5°	3776.4	3289.3	2831.5	2415.9	2055.4	1730.7	1415.7	1149.5	938.4	720.9	526.0
-20°	3458.2	3016.6	2610.7	2243.8	1928.8	1633.3	1347.6	1107.3	909.2	701.4	513.0



REPORT NUMBER: P721985  
 CATALOG NUMBER: IFLD-L-SA8B-722-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3143.2	2747.1	2383.4	2074.9	1798.9	1532.6	1279.4	1065.1	876.7	678.7	503.3
-25°	2864.0	2493.8	2182.1	1912.6	1672.3	1435.2	1207.9	1022.8	841.0	655.9	490.3
-27.5°	2591.2	2276.2	1984.0	1759.9	1548.9	1341.1	1139.7	977.4	805.3	629.9	477.3
-30°	2337.9	2068.4	1828.1	1610.6	1432.0	1256.6	1081.3	931.9	766.3	604.0	461.1
-32.5°	2107.4	1889.8	1688.5	1480.7	1321.6	1172.2	1026.1	886.5	727.4	578.0	444.9
-35°	1893.1	1724.2	1548.9	1373.5	1211.2	1094.3	967.6	837.8	691.6	548.8	428.6
-37.5°	1701.5	1565.1	1425.5	1276.1	1136.5	1019.6	912.4	789.1	655.9	522.8	412.4
-40°	1535.9	1425.5	1302.1	1182.0	1065.1	954.7	857.2	740.3	620.2	503.3	396.2
-42.5°	1383.3	1298.9	1198.2	1097.5	993.6	896.2	802.0	688.4	584.5	480.6	379.9
-45°	1266.4	1182.0	1100.8	1009.9	922.2	837.8	743.6	642.9	552.0	454.6	363.7
-47.5°	1156.0	1081.3	1006.6	931.9	860.5	782.6	688.4	604.0	516.3	431.9	350.7
-50°	1058.6	987.1	922.2	857.2	795.5	720.9	633.2	565.0	487.1	409.1	334.5
-52.5°	967.6	905.9	841.0	789.1	737.1	662.4	591.0	526.0	457.8	383.2	318.2
-55°	886.5	828.0	769.6	720.9	672.2	607.2	548.8	493.6	428.6	363.7	302.0
-57.5°	808.5	759.8	704.6	659.2	610.5	558.5	509.8	457.8	399.4	344.2	285.7
-60°	737.1	691.6	642.9	597.5	555.3	513.0	467.6	425.4	373.4	321.5	269.5
-62.5°	665.7	626.7	584.5	539.0	506.6	467.6	431.9	389.7	347.4	302.0	240.3
-65°	600.7	565.0	526.0	487.1	457.8	428.6	396.2	357.2	321.5	279.3	214.3
-67.5°	535.8	503.3	470.8	438.4	412.4	389.7	357.2	328.0	298.7	253.3	188.3
-70°	474.1	448.1	418.9	392.9	373.4	347.4	324.7	298.7	272.8	220.8	159.1
-72.5°	415.6	389.7	366.9	347.4	331.2	308.5	289.0	269.5	233.8	185.1	133.1
-75°	347.4	331.2	318.2	302.0	285.7	269.5	253.3	230.5	194.8	149.4	103.9
-77.5°	285.7	276.0	266.3	253.3	240.3	227.3	207.8	185.1	155.9	116.9	84.4
-80°	233.8	224.1	217.6	204.6	194.8	181.8	162.4	142.9	113.6	90.9	68.2
-82.5°	178.6	172.1	165.6	159.1	149.4	136.4	116.9	100.7	84.4	68.2	52.0
-85°	126.6	123.4	116.9	110.4	100.7	90.9	77.9	68.2	58.4	45.5	35.7
-87.5°	64.9	61.7	58.4	55.2	52.0	45.5	39.0	32.5	29.2	22.7	16.2
-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: P721985  
 CATALOG NUMBER: IFLD-L-SA8B-722-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	13.0	9.7	3.2	0.0
85°	26.0	16.2	6.5	0.0
82.5°	39.0	26.0	9.7	0.0
80°	52.0	32.5	16.2	0.0
77.5°	64.9	39.0	19.5	0.0
75°	77.9	48.7	22.7	0.0
72.5°	87.7	55.2	26.0	0.0
70°	103.9	64.9	29.2	0.0
67.5°	129.9	71.4	32.5	0.0
65°	152.6	77.9	35.7	0.0
62.5°	178.6	84.4	39.0	0.0
60°	201.3	90.9	42.2	0.0
57.5°	224.1	107.2	45.5	0.0
55°	243.5	120.1	48.7	0.0
52.5°	266.3	133.1	52.0	0.0
50°	285.7	146.1	55.2	0.0
47.5°	302.0	159.1	55.2	0.0
45°	315.0	168.9	58.4	0.0
42.5°	324.7	178.6	61.7	0.0
40°	334.5	188.3	64.9	0.0
37.5°	344.2	198.1	64.9	0.0
35°	353.9	207.8	68.2	0.0
32.5°	363.7	217.6	68.2	0.0
30°	370.2	224.1	71.4	0.0
27.5°	379.9	230.5	71.4	0.0
25°	383.2	237.0	74.7	0.0
22.5°	389.7	240.3	74.7	0.0
20°	396.2	246.8	74.7	0.0
17.5°	399.4	250.0	77.9	0.0
15°	399.4	253.3	81.2	0.0
12.5°	402.6	256.5	81.2	0.0
10°	402.6	263.0	77.9	0.0
7.5°	409.1	259.8	77.9	0.0
5°	405.9	259.8	77.9	0.0
2.5°	402.6	256.5	77.9	0.0
0°	399.4	256.5	77.9	0.0
-2.5°	399.4	256.5	77.9	0.0
-5°	399.4	256.5	77.9	0.0
-7.5°	396.2	259.8	77.9	0.0
-10°	389.7	259.8	77.9	0.0
-12.5°	386.4	250.0	77.9	0.0
-15°	383.2	246.8	77.9	0.0
-17.5°	376.7	243.5	74.7	0.0
-20°	370.2	240.3	74.7	0.0



REPORT NUMBER: P721985

CATALOG NUMBER: IFLD-L-SA8B-722-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	363.7	233.8	74.7	0.0
-25°	357.2	227.3	71.4	0.0
-27.5°	350.7	220.8	71.4	0.0
-30°	340.9	214.3	68.2	0.0
-32.5°	331.2	207.8	68.2	0.0
-35°	324.7	198.1	64.9	0.0
-37.5°	315.0	188.3	64.9	0.0
-40°	305.2	178.6	61.7	0.0
-42.5°	295.5	168.9	58.4	0.0
-45°	282.5	159.1	58.4	0.0
-47.5°	272.8	149.4	55.2	0.0
-50°	256.5	136.4	52.0	0.0
-52.5°	237.0	123.4	48.7	0.0
-55°	217.6	113.6	45.5	0.0
-57.5°	198.1	100.7	45.5	0.0
-60°	178.6	87.7	42.2	0.0
-62.5°	159.1	81.2	39.0	0.0
-65°	139.6	74.7	35.7	0.0
-67.5°	116.9	64.9	32.5	0.0
-70°	97.4	58.4	29.2	0.0
-72.5°	84.4	52.0	26.0	0.0
-75°	71.4	45.5	22.7	0.0
-77.5°	61.7	39.0	19.5	0.0
-80°	48.7	29.2	13.0	0.0
-82.5°	35.7	22.7	9.7	0.0
-85°	22.7	16.2	6.5	0.0
-87.5°	13.0	6.5	3.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)