

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: P722273

Luminaire Tested: **IFLD-L-SA7E-930-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722273  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7E-930-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (112) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

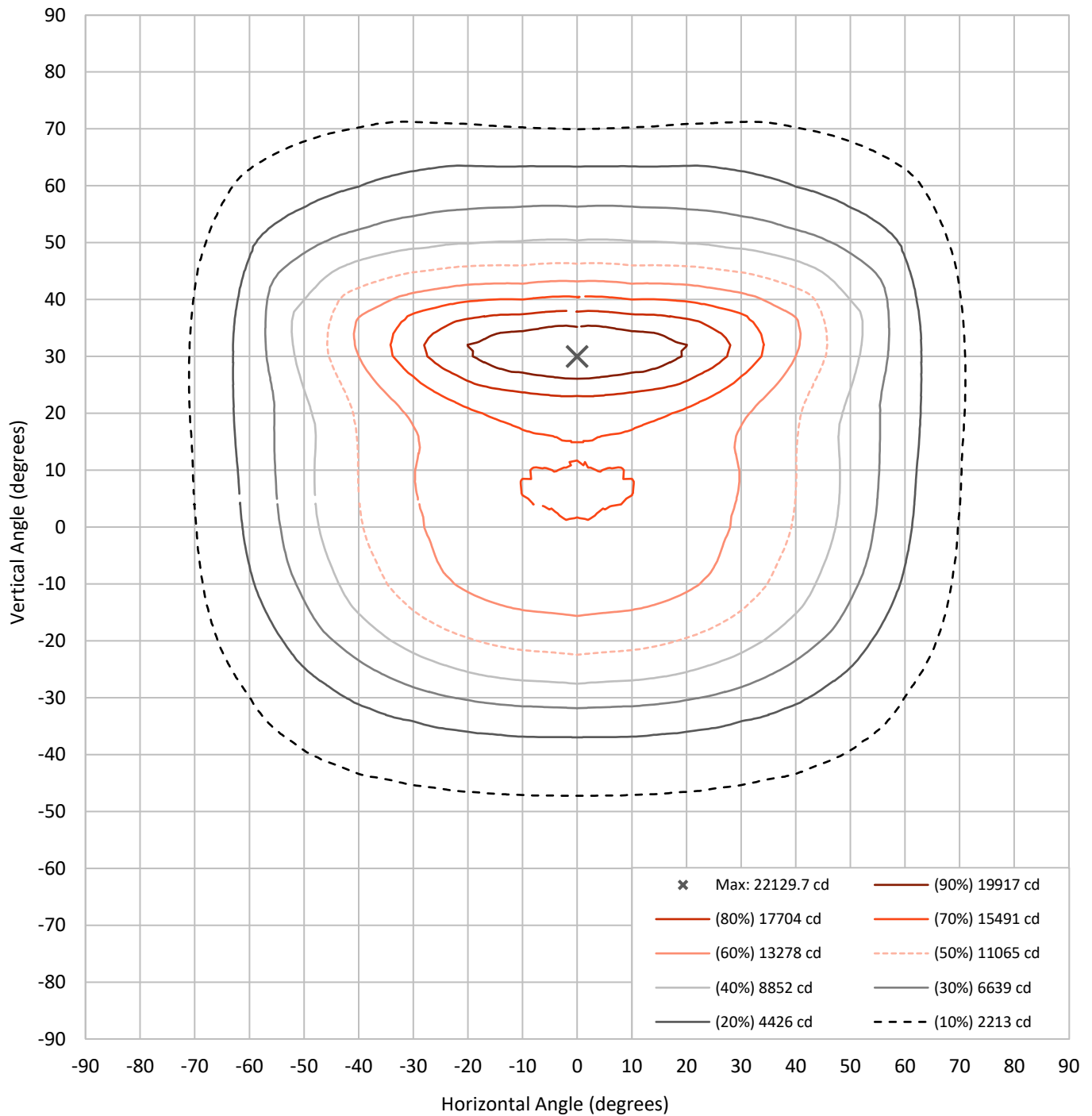
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	36940 lumens	Max Intensity:	22129.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	69.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	21481 lumens	Field Lumens:	34617.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 532.7  
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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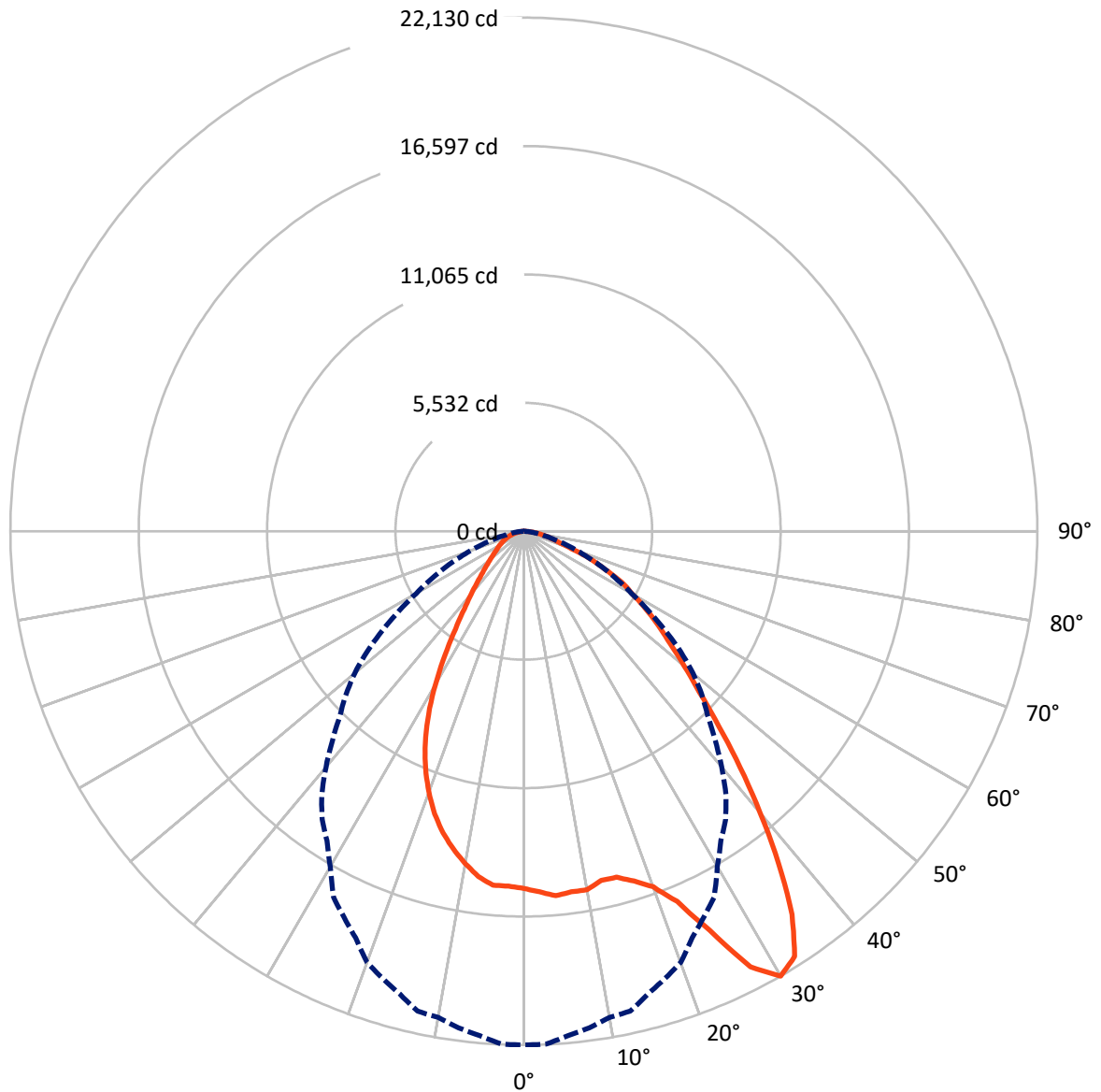
### Iso-Candela Plot





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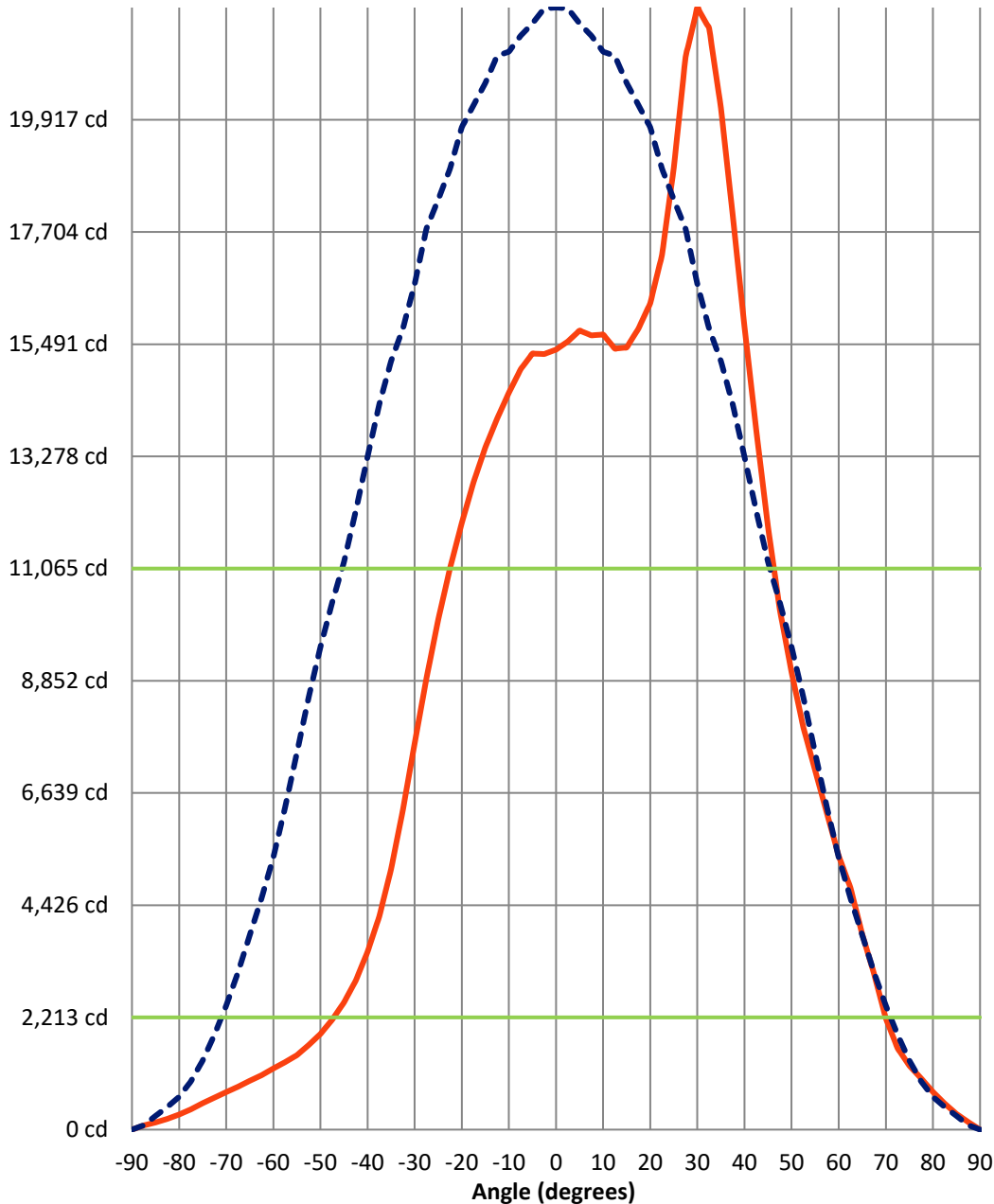
### Luminous Intensity Polar Plot



— 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: 21481  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 34617.6  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2322.4  
 Efficiency: 6.3%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	148.7	152.6	156.5	156.5	152.6	152.6	152.6	148.7	152.6	152.6	152.6
85°	309.2	317.0	324.8	320.9	317.0	309.2	301.3	305.2	309.2	313.1	313.1
82.5°	512.6	524.4	532.2	528.3	520.5	512.6	504.8	508.7	516.6	520.5	520.5
80°	743.5	747.4	751.4	759.2	747.4	747.4	743.5	759.2	767.0	774.8	782.7
77.5°	1009.6	1013.5	1013.5	1017.5	1021.4	1025.3	1025.3	1052.7	1072.2	1084.0	1095.7
75°	1260.1	1271.8	1283.6	1295.3	1311.0	1318.8	1330.5	1369.7	1401.0	1424.4	1447.9
72.5°	1604.5	1620.1	1639.7	1667.1	1694.5	1714.0	1741.4	1788.4	1823.6	1847.1	1874.5
70°	2195.4	2211.0	2230.6	2250.1	2277.5	2297.1	2324.5	2383.2	2418.4	2434.1	2449.7
67.5°	3071.9	3111.1	3146.3	3107.2	3087.6	3060.2	3068.0	3122.8	3158.0	3181.5	3177.6
65°	3850.7	3878.1	3878.1	3874.2	3858.5	3823.3	3842.9	3909.4	3948.5	3968.1	3909.4
62.5°	4766.4	4766.4	4746.8	4778.1	4782.0	4758.6	4746.8	4750.7	4754.7	4766.4	4668.6
60°	5400.3	5439.5	5451.2	5478.6	5486.4	5486.4	5506.0	5521.7	5521.7	5498.2	5384.7
57.5°	6237.8	6312.1	6327.8	6308.2	6269.1	6218.2	6210.4	6186.9	6140.0	6093.0	6038.2
55°	7083.1	7122.2	7118.3	7106.5	7067.4	7008.7	7016.5	6985.2	6910.9	6852.2	6777.8
52.5°	7932.3	8026.2	8041.8	8018.3	7963.6	7900.9	7904.9	7869.6	7795.3	7732.7	7630.9
50°	9016.2	9094.5	9086.7	9047.5	8969.3	8922.3	8926.2	8859.7	8773.6	8754.0	8621.0
47.5°	10256.8	10346.8	10331.1	10276.3	10170.7	10151.1	10170.7	10084.6	10033.7	9990.6	9834.1
45°	11884.7	11990.3	11931.6	11826.0	11657.7	11677.3	11704.7	11689.0	11579.4	11466.0	11266.4
42.5°	13794.4	13860.9	13790.5	13684.8	13473.5	13512.6	13497.0	13403.0	13336.5	13148.7	12894.3
40°	15837.1	15981.9	15872.3	15708.0	15488.8	15547.5	15504.5	15383.2	15226.6	14991.8	14670.9
37.5°	18040.3	18153.8	18028.6	17836.8	17641.1	17621.6	17535.5	17347.6	17124.6	16866.3	16353.7
35°	20149.6	20443.1	20212.2	19906.9	19668.2	19578.2	19496.0	19061.7	18807.3	18388.6	17688.1
32.5°	21718.8	21934.0	21648.4	21331.4	21041.8	20916.6	20627.0	20110.4	19973.5	19093.0	18451.2
30°	22129.7	22114.0	21816.6	21574.0	21260.9	21174.8	20642.6	20204.4	19766.1	18952.1	18341.6
27.5°	21151.4	21053.5	20767.9	20556.5	20247.4	20145.7	19621.3	19386.5	18709.5	18020.7	17504.2
25°	18971.7	19022.5	18807.3	18701.6	18498.2	18279.0	18071.6	17754.6	17332.0	16729.3	16255.8
22.5°	17253.7	17320.3	17230.2	17105.0	16948.5	16827.2	16670.6	16424.1	16017.1	15645.4	15199.2
20°	16298.9	16279.3	16201.0	16107.1	15958.4	15872.3	15700.1	15492.7	15179.7	14858.8	14377.5
17.5°	15798.0	15676.7	15602.3	15567.1	15488.8	15379.3	15175.8	14964.4	14721.8	14357.9	14005.7
15°	15426.2	15445.8	15387.1	15359.7	15297.1	15144.5	14937.1	14764.9	14436.2	14252.2	13931.3
12.5°	15402.7	15383.2	15387.1	15375.3	15297.1	15101.4	14995.8	14776.6	14565.3	14322.7	13954.8
10°	15680.6	15473.2	15488.8	15543.6	15418.4	15261.9	15148.4	14909.7	14710.1	14400.9	14037.0
7.5°	15664.9	15559.3	15590.6	15500.6	15539.7	15347.9	15191.4	14952.7	14702.3	14373.5	14044.8
5°	15758.8	15598.4	15571.0	15578.8	15481.0	15336.2	15124.9	14897.9	14663.1	14295.3	13958.7
2.5°	15543.6	15567.1	15441.9	15394.9	15383.2	15140.5	14944.9	14725.7	14483.1	14158.3	13857.0
0°	15383.2	15426.2	15297.1	15230.6	15226.6	15019.2	14894.0	14643.6	14471.4	14201.4	13837.4
-2.5°	15297.1	15347.9	15363.6	15242.3	15124.9	14964.4	14753.1	14483.1	14201.4	13888.3	13575.2
-5°	15304.9	15203.2	15160.1	15199.2	15097.5	14937.1	14702.3	14463.5	14185.7	13849.2	13457.8
-7.5°	14995.8	14894.0	14886.2	14866.6	14843.1	14690.5	14494.9	14236.6	13954.8	13641.8	13277.8
-10°	14534.0	14459.6	14440.1	14420.5	14357.9	14267.9	14084.0	13849.2	13594.8	13281.7	12894.3
-12.5°	14021.3	13986.1	13911.8	13860.9	13798.3	13692.6	13516.5	13301.3	13046.9	12769.1	12436.5
-15°	13453.9	13387.4	13313.0	13270.0	13180.0	13054.8	12878.7	12679.1	12401.2	12127.3	11814.2
-17.5°	12769.1	12686.9	12604.7	12593.0	12530.4	12338.6	12174.3	11931.6	11689.0	11426.8	11121.6
-20°	11962.9	11849.5	11794.7	11763.4	11677.3	11536.4	11360.3	11137.2	10902.4	10652.0	10299.8



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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°	11070.7	10972.9	10879.0	10820.3	10745.9	10636.3	10468.1	10272.4	10041.5	9759.8	9435.0
-25°	10057.2	9920.2	9861.5	9795.0	9755.8	9654.1	9489.7	9309.7	9071.0	8797.1	8487.9
-27.5°	8898.8	8789.3	8758.0	8664.0	8617.1	8511.4	8374.5	8206.2	7987.0	7728.8	7474.4
-30°	7619.2	7552.7	7501.8	7407.9	7372.7	7259.2	7169.2	7028.3	6828.7	6644.8	6441.3
-32.5°	6304.3	6237.8	6222.1	6179.1	6155.6	6081.3	5979.5	5877.8	5717.3	5580.4	5416.0
-35°	5138.2	5091.2	5095.1	5091.2	5067.7	5012.9	4887.7	4860.3	4742.9	4617.7	4512.0
-37.5°	4206.8	4210.7	4206.8	4202.9	4171.6	4148.1	4058.1	4022.9	3952.4	3831.1	3768.5
-40°	3506.3	3514.1	3510.2	3502.4	3467.2	3455.4	3396.7	3349.8	3322.4	3236.3	3169.8
-42.5°	2938.9	2950.6	2946.7	2942.8	2919.3	2915.4	2884.1	2829.3	2813.7	2762.8	2692.3
-45°	2508.4	2504.5	2496.7	2504.5	2492.8	2481.0	2461.5	2426.2	2406.7	2383.2	2324.5
-47.5°	2168.0	2171.9	2164.1	2164.1	2148.4	2136.7	2128.8	2105.4	2089.7	2070.1	2034.9
-50°	1886.2	1901.9	1897.9	1894.0	1882.3	1874.5	1874.5	1851.0	1827.5	1819.7	1796.2
-52.5°	1667.1	1678.8	1682.7	1690.5	1694.5	1698.4	1686.6	1663.2	1624.0	1620.1	1608.4
-55°	1467.5	1502.7	1526.2	1541.8	1557.5	1569.2	1545.8	1514.4	1475.3	1459.7	1455.7
-57.5°	1330.5	1365.7	1393.1	1416.6	1436.2	1455.7	1432.3	1401.0	1365.7	1346.2	1342.3
-60°	1205.3	1236.6	1264.0	1295.3	1322.7	1354.0	1342.3	1318.8	1299.2	1283.6	1267.9
-62.5°	1072.2	1103.5	1134.9	1174.0	1209.2	1240.5	1244.4	1240.5	1236.6	1240.5	1213.1
-65°	962.7	978.3	997.9	1040.9	1080.1	1115.3	1134.9	1146.6	1166.2	1185.7	1158.3
-67.5°	845.3	864.8	888.3	919.6	950.9	974.4	1001.8	1033.1	1064.4	1095.7	1076.2
-70°	739.6	755.3	774.8	790.5	810.1	825.7	849.2	884.4	919.6	950.9	943.1
-72.5°	630.0	645.7	657.4	665.3	677.0	684.8	696.6	727.9	751.4	767.0	767.0
-75°	520.5	536.1	547.9	551.8	559.6	563.5	571.3	583.1	594.8	598.7	602.6
-77.5°	399.2	414.8	426.5	434.4	442.2	450.0	453.9	461.8	465.7	465.7	469.6
-80°	297.4	309.2	317.0	328.7	332.6	340.5	348.3	352.2	356.1	356.1	360.0
-82.5°	211.3	219.1	227.0	234.8	242.6	246.5	254.4	258.3	262.2	266.1	270.0
-85°	140.9	148.7	156.5	164.4	168.3	172.2	176.1	180.0	183.9	187.8	191.8
-87.5°	82.2	86.1	90.0	97.8	101.7	109.6	113.5	109.6	113.5	113.5	113.5
-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°	152.6	152.6	152.6	152.6	148.7	140.9	137.0	129.1	121.3	113.5	105.7
85°	317.0	320.9	320.9	320.9	313.1	309.2	297.4	285.7	270.0	246.5	227.0
82.5°	528.3	532.2	532.2	528.3	520.5	508.7	493.1	473.5	442.2	410.9	383.5
80°	794.4	798.3	798.3	794.4	774.8	755.3	735.7	712.2	673.1	630.0	583.1
77.5°	1111.4	1119.2	1119.2	1107.5	1080.1	1056.6	1025.3	986.2	927.5	864.8	802.2
75°	1479.2	1498.8	1502.7	1491.0	1455.7	1412.7	1361.8	1295.3	1205.3	1127.0	1052.7
72.5°	1905.8	1925.3	1941.0	1925.3	1874.5	1815.8	1741.4	1663.2	1573.1	1467.5	1342.3
70°	2465.4	2484.9	2496.7	2445.8	2355.8	2258.0	2168.0	2078.0	1972.3	1843.2	1706.2
67.5°	3169.8	3150.2	3126.7	3025.0	2911.5	2794.1	2668.9	2535.8	2398.9	2261.9	2101.4
65°	3846.8	3792.0	3741.1	3619.8	3475.0	3322.4	3177.6	3028.9	2864.5	2692.3	2539.7
62.5°	4559.0	4441.6	4316.4	4167.7	4019.0	3850.7	3705.9	3529.8	3345.9	3134.6	2938.9
60°	5259.5	5118.6	4993.4	4809.4	4613.8	4386.8	4230.3	4058.1	3842.9	3615.9	3385.0
57.5°	5936.5	5783.9	5646.9	5486.4	5275.1	5028.6	4856.4	4633.3	4406.4	4120.7	3885.9
55°	6656.5	6503.9	6394.3	6214.3	5983.4	5756.5	5568.6	5333.8	5016.8	4711.6	4422.0
52.5°	7482.2	7360.9	7243.5	7059.6	6781.7	6550.9	6343.5	6081.3	5748.6	5373.0	5024.7
50°	8405.8	8343.1	8217.9	8002.7	7685.7	7482.2	7208.3	6860.0	6503.9	6108.7	5674.3
47.5°	9630.6	9528.9	9352.8	9118.0	8851.9	8546.6	8178.8	7771.8	7267.0	6828.7	6366.9
45°	11094.2	10906.4	10679.4	10362.4	10033.7	9689.3	9286.3	8769.7	8092.7	7521.4	7036.1
42.5°	12679.1	12424.7	12115.6	11700.8	11274.2	10851.6	10417.2	9712.8	8867.5	8210.1	7662.2
40°	14334.4	14009.6	13622.2	13019.5	12546.0	12002.1	11505.1	10452.4	9552.4	8840.1	8257.1
37.5°	15954.5	15543.6	14894.0	14162.2	13610.4	13164.3	12072.5	10945.5	10139.4	9356.7	8765.8
35°	17195.0	16846.7	15700.1	14941.0	14467.5	13763.1	12397.3	11242.9	10389.8	9740.2	8820.6
32.5°	17930.7	17030.7	16024.9	15257.9	14866.6	13712.2	12420.8	11329.0	10507.2	9779.3	8679.7
30°	17766.4	16678.5	15798.0	15156.2	14307.0	13270.0	12201.7	11195.9	10397.6	9517.1	8523.2
27.5°	16776.3	15934.9	15148.4	14479.2	13645.7	12714.3	11728.1	10843.7	10100.2	9247.1	8307.9
25°	15657.1	14894.0	14310.9	13727.8	12937.4	12049.0	11180.3	10542.4	9795.0	8953.6	8026.2
22.5°	14627.9	14080.0	13622.2	13011.7	12240.8	11466.0	10925.9	10264.6	9497.6	8644.5	7736.6
20°	13970.5	13598.7	13074.3	12401.2	11794.7	11309.4	10710.7	10010.2	9219.7	8327.5	7490.0
17.5°	13653.5	13223.0	12639.9	12201.7	11736.0	11203.8	10534.6	9791.1	8949.7	8182.7	7517.4
15°	13489.1	13035.2	12651.7	12221.2	11696.8	11137.2	10393.7	9622.8	8949.7	8241.4	7537.0
12.5°	13524.4	13133.0	12714.3	12244.7	11681.2	11082.5	10409.4	9693.2	8996.7	8284.4	7540.9
10°	13633.9	13223.0	12776.9	12256.4	11689.0	11098.1	10452.4	9736.3	9020.1	8304.0	7533.1
7.5°	13673.1	13226.9	12749.5	12225.1	11669.5	11090.3	10460.2	9748.0	9024.1	8300.1	7509.6
5°	13551.7	13148.7	12686.9	12158.6	11614.7	11051.1	10428.9	9732.4	8992.8	8261.0	7450.9
2.5°	13387.4	13062.6	12620.4	12111.7	11559.9	10996.4	10378.1	9661.9	8922.3	8190.5	7376.6
0°	13360.0	12956.9	12510.8	12056.9	11469.9	10875.1	10260.7	9528.9	8793.2	8057.5	7247.4
-2.5°	13180.0	12753.4	12307.3	11814.2	11297.7	10699.0	10053.3	9337.1	8609.3	7885.3	7106.5
-5°	13043.0	12569.5	12096.0	11563.8	11043.3	10444.6	9775.4	9078.8	8366.6	7662.2	6910.9
-7.5°	12859.1	12373.8	11876.9	11321.2	10757.7	10147.2	9485.8	8789.3	8088.8	7388.3	6668.3
-10°	12487.3	12060.8	11595.1	11019.8	10425.0	9814.5	9157.1	8472.3	7771.8	7063.5	6339.5
-12.5°	12037.3	11587.3	11078.5	10550.2	10018.0	9450.6	8793.2	8120.1	7415.7	6703.5	5983.4
-15°	11454.2	11012.0	10491.5	9975.0	9462.4	8918.4	8339.2	7732.7	7016.5	6316.1	5596.0
-17.5°	10726.3	10311.5	9845.9	9352.8	8844.1	8296.2	7732.7	7220.0	6550.9	5893.4	5181.2
-20°	9943.7	9556.3	9137.5	8671.9	8163.1	7627.0	7094.8	6558.7	5979.5	5400.3	4739.0



REPORT NUMBER: P722273  
 CATALOG NUMBER: IFLD-L-SA7E-930-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9129.7	8738.4	8315.8	7881.4	7411.8	6914.8	6421.7	5909.1	5400.3	4876.0	4316.4
-25°	8190.5	7846.2	7458.7	7036.1	6617.4	6183.0	5713.4	5247.7	4813.4	4359.4	3901.6
-27.5°	7208.3	6891.3	6539.1	6171.3	5811.2	5447.3	5040.3	4609.9	4249.8	3874.2	3494.6
-30°	6175.2	5920.8	5635.1	5314.3	5036.4	4742.9	4402.5	4046.3	3717.6	3432.0	3126.7
-32.5°	5196.9	4981.6	4778.1	4566.8	4292.9	4065.9	3831.1	3568.9	3279.3	3009.3	2790.2
-35°	4355.5	4124.6	4038.5	3882.0	3686.3	3486.7	3314.6	3126.7	2907.6	2668.9	2488.9
-37.5°	3647.2	3510.2	3388.9	3302.8	3173.7	3013.2	2876.3	2739.3	2571.0	2391.0	2211.0
-40°	3095.4	3001.5	2868.4	2825.4	2743.2	2633.6	2492.8	2387.1	2273.6	2136.7	1984.0
-42.5°	2653.2	2582.8	2496.7	2422.3	2387.1	2308.8	2199.3	2097.5	2007.5	1913.6	1796.2
-45°	2289.3	2242.3	2187.5	2121.0	2093.6	2031.0	1952.7	1839.2	1788.4	1710.1	1624.0
-47.5°	1995.8	1972.3	1933.2	1890.1	1851.0	1804.0	1733.6	1663.2	1592.7	1541.8	1475.3
-50°	1764.9	1749.2	1725.8	1690.5	1639.7	1608.4	1561.4	1498.8	1432.3	1389.2	1342.3
-52.5°	1581.0	1565.3	1549.7	1522.3	1483.1	1451.8	1412.7	1361.8	1307.0	1264.0	1224.9
-55°	1440.1	1416.6	1404.9	1381.4	1350.1	1314.9	1279.6	1244.4	1197.5	1158.3	1119.2
-57.5°	1330.5	1299.2	1283.6	1264.0	1232.7	1197.5	1170.1	1134.9	1103.5	1060.5	1025.3
-60°	1244.4	1209.2	1177.9	1158.3	1130.9	1095.7	1068.3	1040.9	1009.6	974.4	931.4
-62.5°	1174.0	1130.9	1087.9	1064.4	1037.0	1005.7	978.3	950.9	919.6	884.4	845.3
-65°	1107.5	1056.6	1001.8	978.3	950.9	919.6	884.4	864.8	837.4	806.1	767.0
-67.5°	1025.3	970.5	923.5	896.1	868.8	841.4	810.1	790.5	763.1	724.0	684.8
-70°	904.0	868.8	837.4	814.0	790.5	767.0	735.7	704.4	673.1	637.9	602.6
-72.5°	751.4	739.6	735.7	724.0	696.6	669.2	637.9	606.6	579.2	551.8	524.4
-75°	606.6	614.4	622.2	618.3	590.9	563.5	536.1	508.7	489.2	465.7	442.2
-77.5°	481.3	489.2	497.0	497.0	477.4	461.8	442.2	422.6	407.0	387.4	363.9
-80°	371.8	383.5	395.2	403.1	387.4	375.7	360.0	344.4	328.7	313.1	297.4
-82.5°	281.8	293.5	305.2	313.1	301.3	293.5	281.8	270.0	258.3	242.6	230.9
-85°	203.5	211.3	219.1	223.1	215.2	207.4	199.6	191.8	183.9	172.2	164.4
-87.5°	117.4	121.3	125.2	129.1	121.3	113.5	109.6	101.7	97.8	90.0	86.1
-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: P722273  
 CATALOG NUMBER: IFLD-L-SA7E-930-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°	97.8	90.0	82.2	78.3	70.4	58.7	50.9	43.0	35.2	27.4	23.5
85°	207.4	187.8	164.4	152.6	137.0	121.3	105.7	90.0	74.4	58.7	43.0
82.5°	356.1	332.6	309.2	281.8	246.5	203.5	160.4	133.1	109.6	86.1	66.5
80°	536.1	493.1	453.9	418.7	379.6	324.8	266.1	211.3	148.7	113.5	86.1
77.5°	743.5	692.7	637.9	579.2	516.6	442.2	375.7	305.2	230.9	156.5	109.6
75°	978.3	911.8	837.4	755.3	673.1	575.3	481.3	399.2	313.1	219.1	133.1
72.5°	1240.5	1158.3	1068.3	958.8	829.6	716.1	602.6	493.1	391.3	277.8	180.0
70°	1577.1	1447.9	1314.9	1197.5	1033.1	853.1	720.0	594.8	465.7	340.5	227.0
67.5°	1937.1	1780.5	1620.1	1447.9	1240.5	1029.2	837.4	696.6	543.9	399.2	270.0
65°	2328.4	2132.7	1929.3	1737.5	1451.8	1201.4	986.2	794.4	618.3	453.9	313.1
62.5°	2731.5	2500.6	2265.8	2015.3	1686.6	1377.5	1127.0	904.0	688.7	504.8	352.2
60°	3161.9	2891.9	2606.3	2293.2	1909.7	1569.2	1260.1	1017.5	763.1	555.7	395.2
57.5°	3615.9	3322.4	2985.8	2563.2	2140.6	1753.2	1412.7	1119.2	829.6	602.6	426.5
55°	4109.0	3772.4	3404.6	2845.0	2367.5	1937.1	1565.3	1220.9	900.1	641.8	457.9
52.5°	4641.2	4249.8	3784.2	3142.4	2606.3	2124.9	1706.2	1311.0	966.6	684.8	485.2
50°	5236.0	4742.9	4116.8	3416.3	2813.7	2301.0	1847.1	1408.8	1021.4	731.8	508.7
47.5°	5854.3	5322.1	4414.2	3670.7	3025.0	2473.2	1991.9	1494.9	1076.2	770.9	532.2
45°	6500.0	5725.2	4723.3	3897.6	3208.9	2629.7	2101.4	1573.1	1142.7	806.1	551.8
42.5°	7137.9	6030.4	4993.4	4124.6	3381.1	2770.6	2191.4	1647.5	1197.5	841.4	571.3
40°	7439.2	6261.3	5208.6	4281.1	3525.9	2895.8	2269.7	1714.0	1244.4	864.8	590.9
37.5°	7564.4	6402.2	5349.5	4429.9	3639.4	2962.4	2336.2	1772.7	1283.6	888.3	606.6
35°	7591.8	6453.0	5419.9	4531.6	3733.3	3025.0	2387.1	1815.8	1314.9	911.8	622.2
32.5°	7540.9	6437.4	5439.5	4566.8	3792.0	3071.9	2422.3	1847.1	1338.3	935.3	637.9
30°	7427.4	6355.2	5369.0	4562.9	3835.0	3099.3	2445.8	1870.6	1361.8	950.9	645.7
27.5°	7243.5	6210.4	5279.0	4566.8	3858.5	3111.1	2457.6	1882.3	1377.5	962.7	661.3
25°	7016.5	6014.7	5283.0	4559.0	3862.4	3115.0	2457.6	1882.3	1381.4	966.6	673.1
22.5°	6754.3	6014.7	5283.0	4547.3	3838.9	3107.2	2445.8	1874.5	1381.4	974.4	684.8
20°	6770.0	6018.7	5271.2	4523.8	3803.7	3083.7	2418.4	1854.9	1369.7	986.2	692.7
17.5°	6781.7	6010.8	5247.7	4492.5	3756.8	3044.5	2383.2	1827.5	1369.7	997.9	696.6
15°	6781.7	5987.3	5212.5	4445.5	3698.1	2989.8	2332.3	1804.0	1373.6	1001.8	704.4
12.5°	6770.0	5944.3	5157.7	4382.9	3627.6	2923.2	2301.0	1796.2	1373.6	1005.7	704.4
10°	6746.5	5885.6	5087.3	4304.6	3561.1	2899.8	2285.4	1780.5	1365.7	1005.7	704.4
7.5°	6703.5	5815.2	5028.6	4257.7	3522.0	2872.4	2261.9	1757.1	1354.0	997.9	712.2
5°	6637.0	5776.0	4981.6	4202.9	3467.2	2852.8	2246.2	1737.5	1346.2	997.9	704.4
2.5°	6550.9	5729.1	4926.8	4132.4	3404.6	2786.3	2195.4	1694.5	1318.8	982.2	696.6
0°	6410.0	5635.1	4832.9	4034.6	3318.5	2719.7	2144.5	1651.4	1291.4	966.6	688.7
-2.5°	6280.8	5509.9	4711.6	3932.9	3236.3	2661.0	2105.4	1627.9	1279.6	962.7	684.8
-5°	6100.8	5337.7	4551.2	3799.8	3126.7	2602.3	2066.2	1600.5	1267.9	954.8	684.8
-7.5°	5901.3	5157.7	4382.9	3662.8	3017.2	2500.6	1991.9	1557.5	1240.5	939.2	680.9
-10°	5592.1	4887.7	4171.6	3506.3	2899.8	2410.6	1929.3	1518.4	1217.0	923.5	665.3
-12.5°	5263.4	4590.3	3928.9	3314.6	2766.7	2316.7	1858.8	1475.3	1189.6	907.9	657.4
-15°	4915.1	4285.1	3674.6	3115.0	2621.9	2203.2	1784.5	1428.4	1162.2	888.3	645.7
-17.5°	4551.2	3964.2	3412.4	2911.5	2477.1	2085.8	1706.2	1385.3	1130.9	868.8	634.0
-20°	4167.7	3635.5	3146.3	2704.1	2324.5	1968.4	1624.0	1334.4	1095.7	845.3	618.3



REPORT NUMBER: P722273  
 CATALOG NUMBER: IFLD-L-SA7E-930-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3788.1	3310.6	2872.4	2500.6	2168.0	1847.1	1541.8	1283.6	1056.6	817.9	606.6
-25°	3451.5	3005.4	2629.7	2304.9	2015.3	1729.7	1455.7	1232.7	1013.5	790.5	590.9
-27.5°	3122.8	2743.2	2391.0	2121.0	1866.6	1616.2	1373.6	1177.9	970.5	759.2	575.3
-30°	2817.6	2492.8	2203.2	1941.0	1725.8	1514.4	1303.1	1123.1	923.5	727.9	555.7
-32.5°	2539.7	2277.5	2034.9	1784.5	1592.7	1412.7	1236.6	1068.3	876.6	696.6	536.1
-35°	2281.5	2078.0	1866.6	1655.3	1459.7	1318.8	1166.2	1009.6	833.5	661.3	516.6
-37.5°	2050.6	1886.2	1717.9	1537.9	1369.7	1228.8	1099.6	950.9	790.5	630.0	497.0
-40°	1851.0	1717.9	1569.2	1424.4	1283.6	1150.5	1033.1	892.2	747.4	606.6	477.4
-42.5°	1667.1	1565.3	1444.0	1322.7	1197.5	1080.1	966.6	829.6	704.4	579.2	457.9
-45°	1526.2	1424.4	1326.6	1217.0	1111.4	1009.6	896.1	774.8	665.3	547.9	438.3
-47.5°	1393.1	1303.1	1213.1	1123.1	1037.0	943.1	829.6	727.9	622.2	520.5	422.6
-50°	1275.7	1189.6	1111.4	1033.1	958.8	868.8	763.1	680.9	587.0	493.1	403.1
-52.5°	1166.2	1091.8	1013.5	950.9	888.3	798.3	712.2	634.0	551.8	461.8	383.5
-55°	1068.3	997.9	927.5	868.8	810.1	731.8	661.3	594.8	516.6	438.3	363.9
-57.5°	974.4	915.7	849.2	794.4	735.7	673.1	614.4	551.8	481.3	414.8	344.4
-60°	888.3	833.5	774.8	720.0	669.2	618.3	563.5	512.6	450.0	387.4	324.8
-62.5°	802.2	755.3	704.4	649.6	610.5	563.5	520.5	469.6	418.7	363.9	289.6
-65°	724.0	680.9	634.0	587.0	551.8	516.6	477.4	430.5	387.4	336.5	258.3
-67.5°	645.7	606.6	567.4	528.3	497.0	469.6	430.5	395.2	360.0	305.2	227.0
-70°	571.3	540.0	504.8	473.5	450.0	418.7	391.3	360.0	328.7	266.1	191.8
-72.5°	500.9	469.6	442.2	418.7	399.2	371.8	348.3	324.8	281.8	223.1	160.4
-75°	418.7	399.2	383.5	363.9	344.4	324.8	305.2	277.8	234.8	180.0	125.2
-77.5°	344.4	332.6	320.9	305.2	289.6	273.9	250.5	223.1	187.8	140.9	101.7
-80°	281.8	270.0	262.2	246.5	234.8	219.1	195.7	172.2	137.0	109.6	82.2
-82.5°	215.2	207.4	199.6	191.8	180.0	164.4	140.9	121.3	101.7	82.2	62.6
-85°	152.6	148.7	140.9	133.1	121.3	109.6	93.9	82.2	70.4	54.8	43.0
-87.5°	78.3	74.4	70.4	66.5	62.6	54.8	47.0	39.1	35.2	27.4	19.6
-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: P722273  
 CATALOG NUMBER: IFLD-L-SA7E-930-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	15.7	11.7	3.9	0.0
85°	31.3	19.6	7.8	0.0
82.5°	47.0	31.3	11.7	0.0
80°	62.6	39.1	19.6	0.0
77.5°	78.3	47.0	23.5	0.0
75°	93.9	58.7	27.4	0.0
72.5°	105.7	66.5	31.3	0.0
70°	125.2	78.3	35.2	0.0
67.5°	156.5	86.1	39.1	0.0
65°	183.9	93.9	43.0	0.0
62.5°	215.2	101.7	47.0	0.0
60°	242.6	109.6	50.9	0.0
57.5°	270.0	129.1	54.8	0.0
55°	293.5	144.8	58.7	0.0
52.5°	320.9	160.4	62.6	0.0
50°	344.4	176.1	66.5	0.0
47.5°	363.9	191.8	66.5	0.0
45°	379.6	203.5	70.4	0.0
42.5°	391.3	215.2	74.4	0.0
40°	403.1	227.0	78.3	0.0
37.5°	414.8	238.7	78.3	0.0
35°	426.5	250.5	82.2	0.0
32.5°	438.3	262.2	82.2	0.0
30°	446.1	270.0	86.1	0.0
27.5°	457.9	277.8	86.1	0.0
25°	461.8	285.7	90.0	0.0
22.5°	469.6	289.6	90.0	0.0
20°	477.4	297.4	90.0	0.0
17.5°	481.3	301.3	93.9	0.0
15°	481.3	305.2	97.8	0.0
12.5°	485.2	309.2	97.8	0.0
10°	485.2	317.0	93.9	0.0
7.5°	493.1	313.1	93.9	0.0
5°	489.2	313.1	93.9	0.0
2.5°	485.2	309.2	93.9	0.0
0°	481.3	309.2	93.9	0.0
-2.5°	481.3	309.2	93.9	0.0
-5°	481.3	309.2	93.9	0.0
-7.5°	477.4	313.1	93.9	0.0
-10°	469.6	313.1	93.9	0.0
-12.5°	465.7	301.3	93.9	0.0
-15°	461.8	297.4	93.9	0.0
-17.5°	453.9	293.5	90.0	0.0
-20°	446.1	289.6	90.0	0.0



REPORT NUMBER: P722273

CATALOG NUMBER: IFLD-L-SA7E-930-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	438.3	281.8	90.0	0.0
-25°	430.5	273.9	86.1	0.0
-27.5°	422.6	266.1	86.1	0.0
-30°	410.9	258.3	82.2	0.0
-32.5°	399.2	250.5	82.2	0.0
-35°	391.3	238.7	78.3	0.0
-37.5°	379.6	227.0	78.3	0.0
-40°	367.8	215.2	74.4	0.0
-42.5°	356.1	203.5	70.4	0.0
-45°	340.5	191.8	70.4	0.0
-47.5°	328.7	180.0	66.5	0.0
-50°	309.2	164.4	62.6	0.0
-52.5°	285.7	148.7	58.7	0.0
-55°	262.2	137.0	54.8	0.0
-57.5°	238.7	121.3	54.8	0.0
-60°	215.2	105.7	50.9	0.0
-62.5°	191.8	97.8	47.0	0.0
-65°	168.3	90.0	43.0	0.0
-67.5°	140.9	78.3	39.1	0.0
-70°	117.4	70.4	35.2	0.0
-72.5°	101.7	62.6	31.3	0.0
-75°	86.1	54.8	27.4	0.0
-77.5°	74.4	47.0	23.5	0.0
-80°	58.7	35.2	15.7	0.0
-82.5°	43.0	27.4	11.7	0.0
-85°	27.4	19.6	7.8	0.0
-87.5°	15.7	7.8	3.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)