

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: P722001

Luminaire Tested: **IFLD-S-SA6D-727-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722001
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-727-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

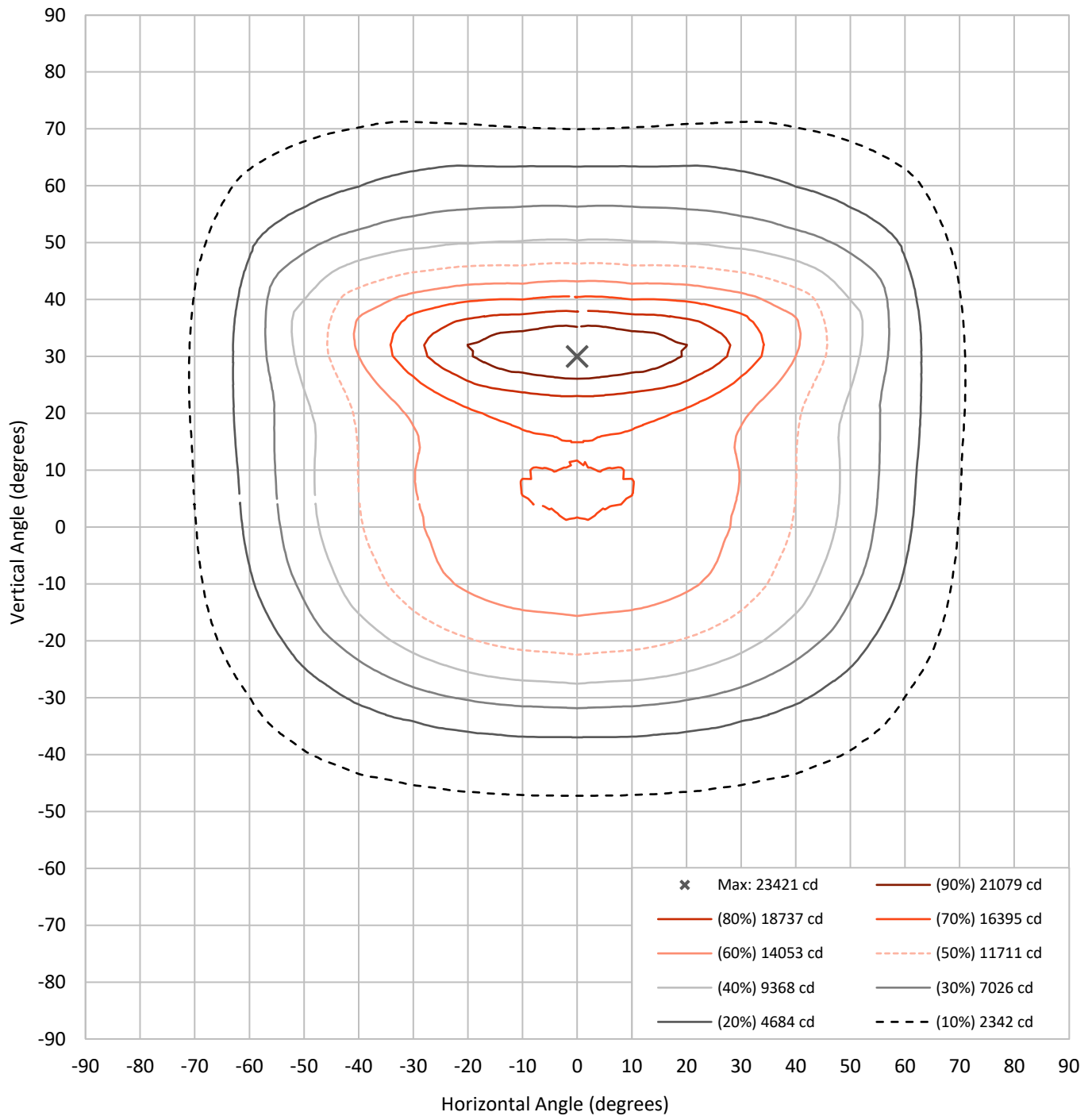
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	39095.6 lumens	Max Intensity:	23421 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	106.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	22734.5 lumens	Field Lumens:	36637.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
Input Watts (W):	368.2		
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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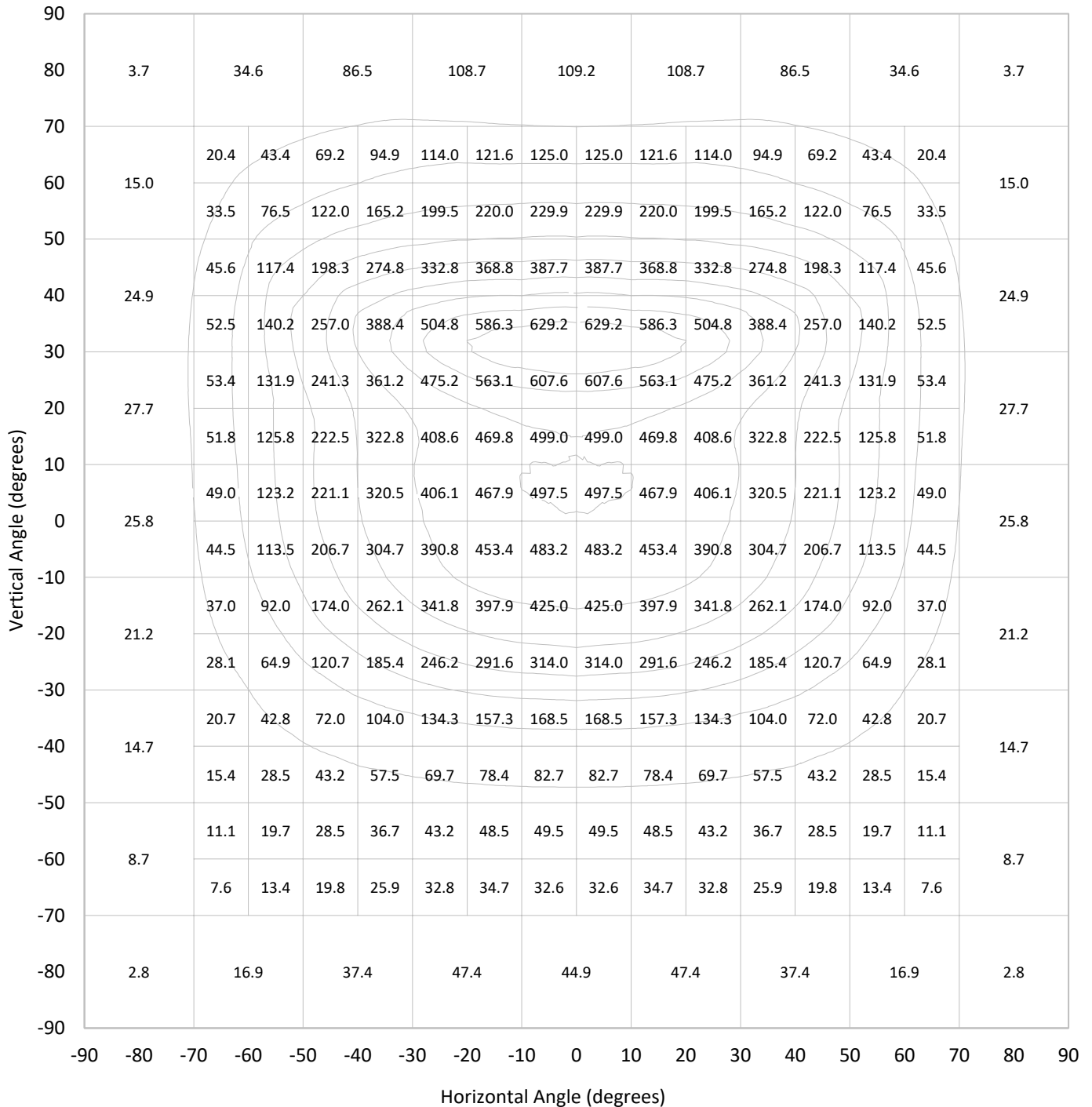
Iso-Candela Plot





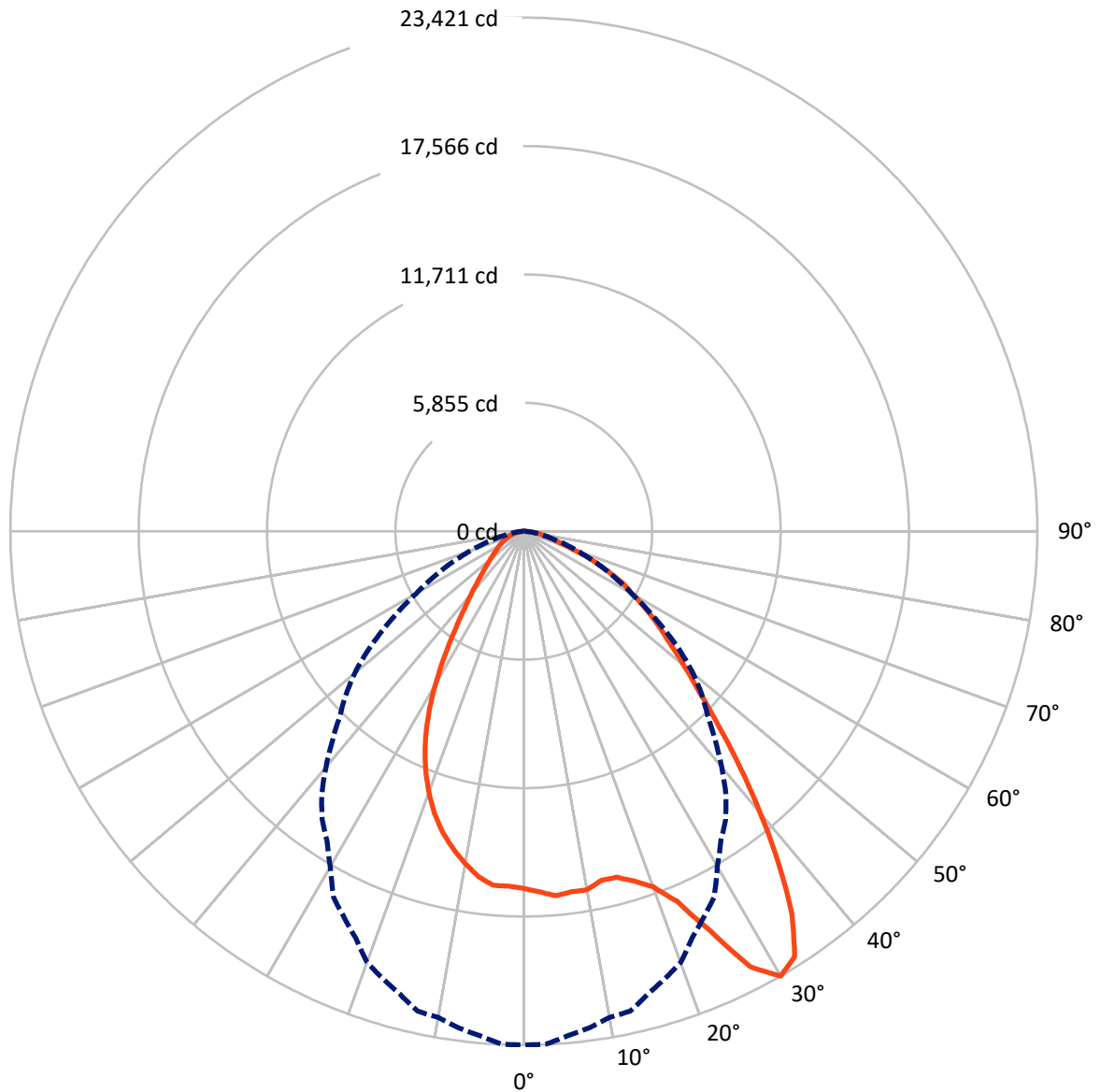
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Lumen Table



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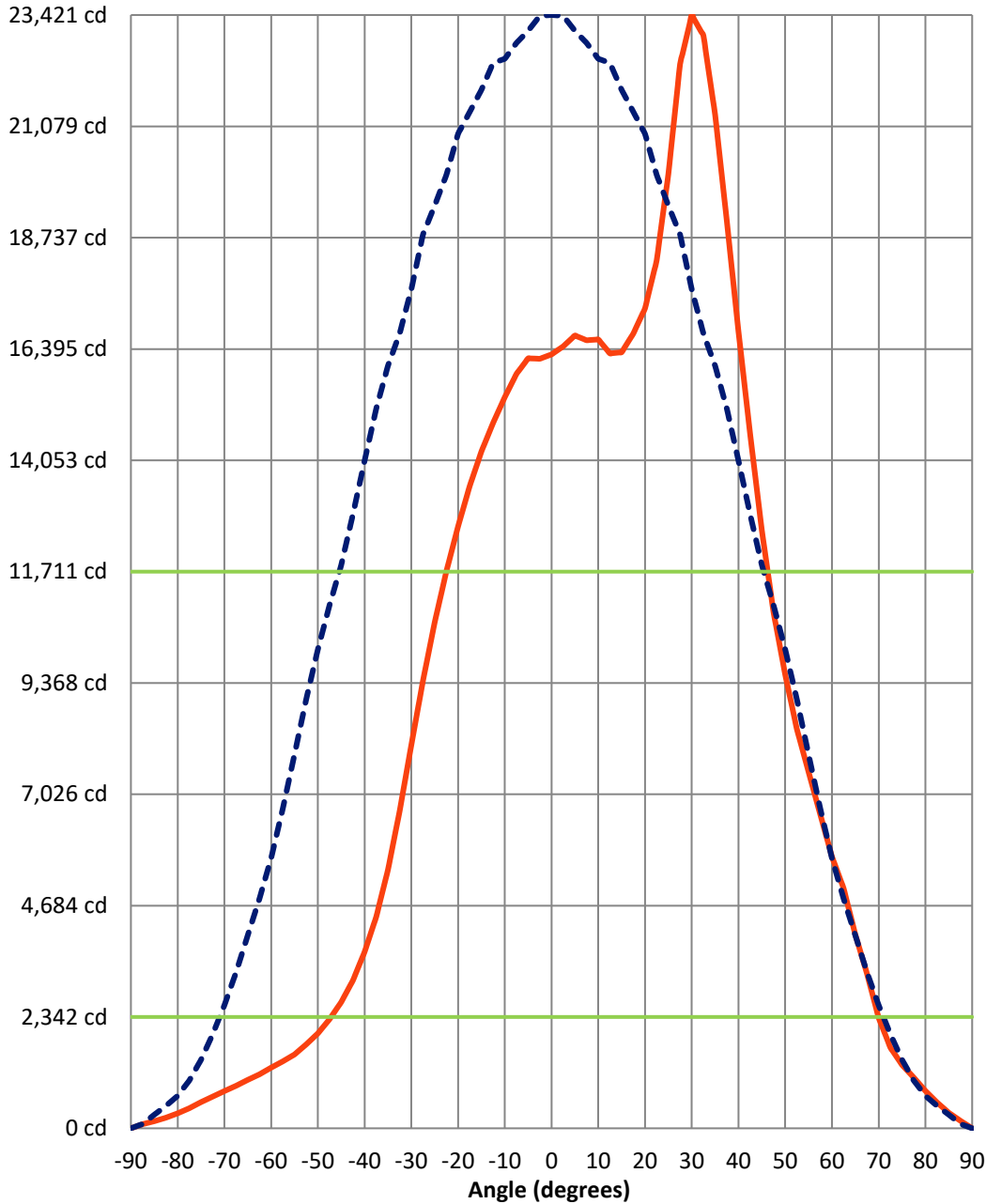
Luminous Intensity Polar Plot



— 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: 22734.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 36637.6
 Efficiency: 93.7%

Spill:
 Lumens: 2458
 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°	157.4	161.5	165.7	165.7	161.5	161.5	161.5	157.4	161.5	161.5	161.5
85°	327.2	335.5	343.8	339.6	335.5	327.2	318.9	323.0	327.2	331.3	331.3
82.5°	542.6	555.0	563.3	559.1	550.8	542.6	534.3	538.4	546.7	550.8	550.8
80°	786.9	791.1	795.2	803.5	791.1	791.1	786.9	803.5	811.8	820.0	828.3
77.5°	1068.5	1072.7	1072.7	1076.8	1081.0	1085.1	1085.1	1114.1	1134.8	1147.2	1159.7
75°	1333.6	1346.0	1358.5	1370.9	1387.5	1395.7	1408.2	1449.6	1482.7	1507.6	1532.4
72.5°	1698.1	1714.6	1735.4	1764.3	1793.3	1814.0	1843.0	1892.7	1930.0	1954.9	1983.9
70°	2323.5	2340.0	2360.7	2381.4	2410.4	2431.1	2460.1	2522.3	2559.5	2576.1	2592.7
67.5°	3251.2	3292.6	3329.9	3288.5	3267.8	3238.8	3247.1	3305.0	3342.3	3367.2	3363.0
65°	4075.4	4104.4	4104.4	4100.2	4083.7	4046.4	4067.1	4137.5	4178.9	4199.6	4137.5
62.5°	5044.5	5044.5	5023.8	5057.0	5061.1	5036.2	5023.8	5028.0	5032.1	5044.5	4941.0
60°	5715.5	5756.9	5769.3	5798.3	5806.6	5806.6	5827.3	5843.9	5843.9	5819.0	5698.9
57.5°	6601.8	6680.5	6697.1	6676.3	6634.9	6581.1	6572.8	6548.0	6498.3	6448.6	6390.6
55°	7496.4	7537.8	7533.7	7521.2	7479.8	7417.7	7426.0	7392.8	7314.2	7252.0	7173.3
52.5°	8395.1	8494.5	8511.1	8486.2	8428.3	8362.0	8366.1	8328.9	8250.2	8183.9	8076.2
50°	9542.4	9625.2	9616.9	9575.5	9492.7	9443.0	9447.1	9376.7	9285.6	9264.9	9124.1
47.5°	10855.3	10950.5	10934.0	10876.0	10764.2	10743.4	10764.2	10673.0	10619.2	10573.6	10408.0
45°	12578.2	12690.0	12627.9	12516.1	12338.0	12358.7	12387.7	12371.1	12255.1	12135.0	11923.8
42.5°	14599.3	14669.7	14595.2	14483.4	14259.7	14301.1	14284.6	14185.2	14114.7	13915.9	13646.7
40°	16761.3	16914.5	16798.5	16624.6	16392.7	16454.8	16409.2	16280.8	16115.2	15866.7	15527.1
37.5°	19093.0	19213.1	19080.6	18877.6	18670.6	18649.9	18558.7	18359.9	18123.9	17850.5	17308.0
35°	21325.4	21636.0	21391.6	21068.6	20815.9	20720.7	20633.7	20174.0	19904.8	19461.6	18720.3
32.5°	22986.2	23214.0	22911.6	22576.1	22269.7	22137.1	21830.6	21283.9	21139.0	20207.1	19527.9
30°	23421.0	23404.5	23089.7	22832.9	22501.6	22410.5	21847.2	21383.3	20919.5	20058.0	19411.9
27.5°	22385.6	22282.1	21979.7	21756.1	21428.9	21321.2	20766.2	20517.7	19801.2	19072.3	18525.6
25°	20078.7	20132.6	19904.8	19793.0	19577.6	19345.7	19126.1	18790.7	18343.4	17705.6	17204.4
22.5°	18260.5	18331.0	18235.7	18103.2	17937.5	17809.1	17643.4	17382.5	16951.8	16558.3	16086.2
20°	17250.0	17229.3	17146.4	17047.0	16889.7	16798.5	16616.3	16396.8	16065.5	15725.9	15216.4
17.5°	16719.8	16591.5	16512.8	16475.5	16392.7	16276.7	16061.3	15837.7	15580.9	15195.7	14823.0
15°	16326.4	16347.1	16285.0	16256.0	16189.7	16028.2	15808.7	15626.5	15278.6	15083.9	14744.3
12.5°	16301.5	16280.8	16285.0	16272.5	16189.7	15982.6	15870.8	15638.9	15415.2	15158.4	14769.1
10°	16595.6	16376.1	16392.7	16450.6	16318.1	16152.4	16032.3	15779.7	15568.5	15241.3	14856.1
7.5°	16579.0	16467.2	16500.3	16405.1	16446.5	16243.6	16077.9	15825.3	15560.2	15212.3	14864.4
5°	16678.4	16508.6	16479.6	16487.9	16384.4	16231.1	16007.5	15767.3	15518.8	15129.5	14773.3
2.5°	16450.6	16475.5	16343.0	16293.3	16280.8	16024.1	15817.0	15585.0	15328.3	14984.5	14665.6
0°	16280.8	16326.4	16189.7	16119.3	16115.2	15895.7	15763.1	15498.1	15315.8	15030.1	14644.9
-2.5°	16189.7	16243.6	16260.1	16131.7	16007.5	15837.7	15614.0	15328.3	15030.1	14698.7	14367.4
-5°	16198.0	16090.3	16044.8	16086.2	15978.5	15808.7	15560.2	15307.5	15013.5	14657.3	14243.1
-7.5°	15870.8	15763.1	15754.8	15734.1	15709.3	15547.8	15340.7	15067.3	14769.1	14437.8	14052.6
-10°	15382.1	15303.4	15282.7	15262.0	15195.7	15100.5	14905.8	14657.3	14388.1	14056.8	13646.7
-12.5°	14839.5	14802.3	14723.6	14669.7	14603.5	14491.6	14305.3	14077.5	13808.3	13514.2	13162.2
-15°	14239.0	14168.6	14089.9	14044.3	13949.1	13816.5	13630.2	13419.0	13124.9	12835.0	12503.6
-17.5°	13514.2	13427.2	13340.3	13327.8	13261.6	13058.6	12884.7	12627.9	12371.1	12093.6	11770.6
-20°	12661.0	12540.9	12482.9	12449.8	12358.7	12209.6	12023.2	11787.1	11538.6	11273.6	10900.8



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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°	11716.7	11613.2	11513.8	11451.7	11373.0	11257.0	11078.9	10871.8	10627.5	10329.3	9985.5
-25°	10644.0	10499.1	10437.0	10366.6	10325.1	10217.5	10043.5	9853.0	9600.3	9310.4	8983.2
-27.5°	9418.1	9302.1	9269.0	9169.6	9119.9	9008.1	8863.1	8685.0	8453.1	8179.8	7910.6
-30°	8063.8	7993.4	7939.5	7840.1	7802.9	7682.8	7587.5	7438.4	7227.2	7032.5	6817.2
-32.5°	6672.2	6601.8	6585.2	6539.7	6514.8	6436.1	6328.4	6220.8	6051.0	5906.0	5732.0
-35°	5438.0	5388.3	5392.4	5388.3	5363.4	5305.5	5172.9	5143.9	5019.7	4887.1	4775.3
-37.5°	4452.3	4456.4	4452.3	4448.1	4415.0	4390.2	4294.9	4257.6	4183.1	4054.7	3988.4
-40°	3710.9	3719.2	3715.1	3706.8	3669.5	3657.1	3595.0	3545.3	3516.3	3425.1	3354.7
-42.5°	3110.4	3122.8	3118.7	3114.5	3089.7	3085.5	3052.4	2994.4	2977.8	2924.0	2849.5
-45°	2654.8	2650.7	2642.4	2650.7	2638.2	2625.8	2605.1	2567.8	2547.1	2522.3	2460.1
-47.5°	2294.5	2298.6	2290.3	2290.3	2273.8	2261.3	2253.1	2228.2	2211.6	2190.9	2153.7
-50°	1996.3	2012.8	2008.7	2004.6	1992.1	1983.9	1983.9	1959.0	1934.2	1925.9	1901.0
-52.5°	1764.3	1776.8	1780.9	1789.2	1793.3	1797.5	1785.1	1760.2	1718.8	1714.6	1702.2
-55°	1553.1	1590.4	1615.2	1631.8	1648.4	1660.8	1636.0	1602.8	1561.4	1544.8	1540.7
-57.5°	1408.2	1445.4	1474.4	1499.3	1520.0	1540.7	1515.8	1482.7	1445.4	1424.7	1420.6
-60°	1275.6	1308.8	1337.8	1370.9	1399.9	1433.0	1420.6	1395.7	1375.0	1358.5	1341.9
-62.5°	1134.8	1167.9	1201.1	1242.5	1279.8	1312.9	1317.0	1312.9	1308.8	1312.9	1283.9
-65°	1018.8	1035.4	1056.1	1101.7	1143.1	1180.4	1201.1	1213.5	1234.2	1254.9	1225.9
-67.5°	894.6	915.3	940.2	973.3	1006.4	1031.3	1060.3	1093.4	1126.5	1159.7	1139.0
-70°	782.8	799.3	820.0	836.6	857.3	873.9	898.7	936.0	973.3	1006.4	998.1
-72.5°	666.8	683.4	695.8	704.1	716.5	724.8	737.2	770.3	795.2	811.8	811.8
-75°	550.8	567.4	579.8	584.0	592.3	596.4	604.7	617.1	629.5	633.7	637.8
-77.5°	422.4	439.0	451.4	459.7	468.0	476.3	480.4	488.7	492.9	492.9	497.0
-80°	314.8	327.2	335.5	347.9	352.0	360.3	368.6	372.7	376.9	376.9	381.0
-82.5°	223.6	231.9	240.2	248.5	256.8	260.9	269.2	273.3	277.5	281.6	285.8
-85°	149.1	157.4	165.7	173.9	178.1	182.2	186.4	190.5	194.7	198.8	202.9
-87.5°	87.0	91.1	95.3	103.5	107.7	116.0	120.1	116.0	120.1	120.1	120.1
-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°	161.5	161.5	161.5	161.5	157.4	149.1	145.0	136.7	128.4	120.1	111.8
85°	335.5	339.6	339.6	339.6	331.3	327.2	314.8	302.3	285.8	260.9	240.2
82.5°	559.1	563.3	563.3	559.1	550.8	538.4	521.8	501.1	468.0	434.9	405.9
80°	840.8	844.9	844.9	840.8	820.0	799.3	778.6	753.8	712.4	666.8	617.1
77.5°	1176.2	1184.5	1184.5	1172.1	1143.1	1118.2	1085.1	1043.7	981.6	915.3	849.0
75°	1565.5	1586.3	1590.4	1578.0	1540.7	1495.1	1441.3	1370.9	1275.6	1192.8	1114.1
72.5°	2017.0	2037.7	2054.3	2037.7	1983.9	1921.7	1843.0	1760.2	1664.9	1553.1	1420.6
70°	2609.2	2629.9	2642.4	2588.5	2493.3	2389.7	2294.5	2199.2	2087.4	1950.7	1805.8
67.5°	3354.7	3334.0	3309.2	3201.5	3081.4	2957.1	2824.6	2683.8	2538.8	2393.9	2224.1
65°	4071.2	4013.3	3959.4	3831.0	3677.8	3516.3	3363.0	3205.6	3031.7	2849.5	2687.9
62.5°	4825.0	4700.8	4568.2	4410.9	4253.5	4075.4	3922.1	3735.8	3541.1	3317.5	3110.4
60°	5566.4	5417.3	5284.7	5090.1	4883.0	4642.8	4477.1	4294.9	4067.1	3826.9	3582.5
57.5°	6282.9	6121.4	5976.4	5806.6	5582.9	5322.0	5139.8	4903.7	4663.5	4361.2	4112.7
55°	7044.9	6883.4	6767.5	6576.9	6332.6	6092.4	5893.6	5645.1	5309.6	4986.5	4680.1
52.5°	7918.8	7790.4	7666.2	7471.5	7177.5	6933.1	6713.6	6436.1	6084.1	5686.5	5317.9
50°	8896.3	8830.0	8697.5	8469.7	8134.2	7918.8	7628.9	7260.3	6883.4	6465.1	6005.4
47.5°	10192.6	10084.9	9898.5	9650.0	9368.4	9045.4	8656.1	8225.3	7691.0	7227.2	6738.5
45°	11741.6	11542.8	11302.6	10967.1	10619.2	10254.7	9828.1	9281.4	8564.9	7960.3	7446.7
42.5°	13419.0	13149.7	12822.6	12383.5	11932.1	11484.8	11025.1	10279.6	9385.0	8689.2	8109.4
40°	15170.9	14827.1	14417.1	13779.3	13278.1	12702.4	12176.5	11062.4	10109.8	9356.0	8738.9
37.5°	16885.5	16450.6	15763.1	14988.6	14404.7	13932.5	12777.0	11584.2	10731.0	9902.7	9277.3
35°	18198.4	17829.8	16616.3	15812.8	15311.7	14566.2	13120.8	11899.0	10996.1	10308.6	9335.3
32.5°	18977.0	18024.5	16960.1	16148.3	15734.1	14512.3	13145.6	11990.1	11120.3	10350.0	9186.2
30°	18803.1	17651.7	16719.8	16040.6	15141.9	14044.3	12913.7	11849.3	11004.4	10072.5	9020.5
27.5°	17755.3	16864.8	16032.3	15324.1	14441.9	13456.2	12412.5	11476.5	10689.6	9786.7	8792.7
25°	16570.7	15763.1	15146.0	14528.9	13692.3	12752.1	11832.7	11157.6	10366.6	9476.1	8494.5
22.5°	15481.5	14901.7	14417.1	13771.0	12955.1	12135.0	11563.5	10863.6	10051.8	9148.9	8188.0
20°	14785.7	14392.2	13837.3	13124.9	12482.9	11969.4	11335.7	10594.3	9757.7	8813.4	7927.1
17.5°	14450.2	13994.6	13377.5	12913.7	12420.8	11857.5	11149.3	10362.4	9472.0	8660.2	7956.1
15°	14276.3	13795.8	13390.0	12934.4	12379.4	11787.1	11000.2	10184.3	9472.0	8722.3	7976.8
12.5°	14313.5	13899.4	13456.2	12959.2	12362.8	11729.2	11016.8	10258.9	9521.7	8767.9	7981.0
10°	14429.5	13994.6	13522.5	12971.7	12371.1	11745.7	11062.4	10304.4	9546.5	8788.6	7972.7
7.5°	14470.9	13998.8	13493.5	12938.5	12350.4	11737.4	11070.6	10316.9	9550.6	8784.4	7947.8
5°	14342.5	13915.9	13427.2	12868.1	12292.4	11696.0	11037.5	10300.3	9517.5	8743.0	7885.7
2.5°	14168.6	13824.8	13356.8	12818.4	12234.4	11638.0	10983.7	10225.7	9443.0	8668.5	7807.0
0°	14139.6	13713.0	13240.9	12760.4	12139.2	11509.6	10859.4	10084.9	9306.3	8527.7	7670.3
-2.5°	13949.1	13497.6	13025.5	12503.6	11956.9	11323.3	10639.9	9882.0	9111.6	8345.4	7521.2
-5°	13804.1	13303.0	12801.8	12238.6	11687.7	11054.1	10345.8	9608.6	8854.9	8109.4	7314.2
-7.5°	13609.5	13095.9	12569.9	11981.8	11385.4	10739.3	10039.4	9302.1	8560.8	7819.4	7057.4
-10°	13216.0	12764.6	12271.7	11662.9	11033.4	10387.3	9691.5	8966.7	8225.3	7475.7	6709.5
-12.5°	12739.7	12263.4	11725.0	11165.9	10602.6	10002.1	9306.3	8593.9	7848.4	7094.6	6332.6
-15°	12122.6	11654.6	11103.8	10557.1	10014.5	9438.8	8825.9	8183.9	7426.0	6684.6	5922.6
-17.5°	11352.3	10913.3	10420.4	9898.5	9360.1	8780.3	8183.9	7641.3	6933.1	6237.3	5483.5
-20°	10523.9	10113.9	9670.8	9177.9	8639.5	8072.1	7508.8	6941.4	6328.4	5715.5	5015.5



REPORT NUMBER: P722001
 CATALOG NUMBER: IFLD-S-SA6D-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°	9662.5	9248.3	8801.0	8341.3	7844.3	7318.3	6796.5	6253.9	5715.5	5160.5	4568.2
-25°	8668.5	8304.0	7894.0	7446.7	7003.5	6543.8	6046.8	5554.0	5094.2	4613.8	4129.2
-27.5°	7628.9	7293.4	6920.7	6531.4	6150.4	5765.2	5334.4	4878.9	4497.8	4100.2	3698.5
-30°	6535.5	6266.3	5964.0	5624.4	5330.3	5019.7	4659.4	4282.5	3934.6	3632.2	3309.2
-32.5°	5500.1	5272.3	5057.0	4833.3	4543.4	4303.2	4054.7	3777.2	3470.7	3184.9	2953.0
-35°	4609.7	4365.3	4274.2	4108.5	3901.4	3690.2	3508.0	3309.2	3077.2	2824.6	2634.1
-37.5°	3860.0	3715.1	3586.7	3495.6	3358.9	3189.1	3044.1	2899.2	2721.1	2530.5	2340.0
-40°	3276.0	3176.6	3035.8	2990.3	2903.3	2787.3	2638.2	2526.4	2406.3	2261.3	2099.8
-42.5°	2808.0	2733.5	2642.4	2563.7	2526.4	2443.6	2327.6	2219.9	2124.7	2025.3	1901.0
-45°	2422.9	2373.2	2315.2	2244.8	2215.8	2149.5	2066.7	1946.6	1892.7	1809.9	1718.8
-47.5°	2112.2	2087.4	2046.0	2000.4	1959.0	1909.3	1834.8	1760.2	1685.7	1631.8	1561.4
-50°	1867.9	1851.3	1826.5	1789.2	1735.4	1702.2	1652.5	1586.3	1515.8	1470.3	1420.6
-52.5°	1673.2	1656.7	1640.1	1611.1	1569.7	1536.6	1495.1	1441.3	1383.3	1337.8	1296.3
-55°	1524.1	1499.3	1486.9	1462.0	1428.9	1391.6	1354.3	1317.0	1267.3	1225.9	1184.5
-57.5°	1408.2	1375.0	1358.5	1337.8	1304.6	1267.3	1238.4	1201.1	1167.9	1122.4	1085.1
-60°	1317.0	1279.8	1246.6	1225.9	1196.9	1159.7	1130.7	1101.7	1068.5	1031.3	985.7
-62.5°	1242.5	1196.9	1151.4	1126.5	1097.5	1064.4	1035.4	1006.4	973.3	936.0	894.6
-65°	1172.1	1118.2	1060.3	1035.4	1006.4	973.3	936.0	915.3	886.3	853.2	811.8
-67.5°	1085.1	1027.1	977.4	948.4	919.4	890.5	857.3	836.6	807.6	766.2	724.8
-70°	956.7	919.4	886.3	861.5	836.6	811.8	778.6	745.5	712.4	675.1	637.8
-72.5°	795.2	782.8	778.6	766.2	737.2	708.2	675.1	642.0	613.0	584.0	555.0
-75°	642.0	650.2	658.5	654.4	625.4	596.4	567.4	538.4	517.7	492.9	468.0
-77.5°	509.4	517.7	526.0	526.0	505.3	488.7	468.0	447.3	430.7	410.0	385.2
-80°	393.5	405.9	418.3	426.6	410.0	397.6	381.0	364.5	347.9	331.3	314.8
-82.5°	298.2	310.6	323.0	331.3	318.9	310.6	298.2	285.8	273.3	256.8	244.4
-85°	215.4	223.6	231.9	236.1	227.8	219.5	211.2	202.9	194.7	182.2	173.9
-87.5°	124.2	128.4	132.5	136.7	128.4	120.1	116.0	107.7	103.5	95.3	91.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: IFLD-S-SA6D-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°	103.5	95.3	87.0	82.8	74.5	62.1	53.8	45.6	37.3	29.0	24.8
85°	219.5	198.8	173.9	161.5	145.0	128.4	111.8	95.3	78.7	62.1	45.6
82.5°	376.9	352.0	327.2	298.2	260.9	215.4	169.8	140.8	116.0	91.1	70.4
80°	567.4	521.8	480.4	443.2	401.7	343.8	281.6	223.6	157.4	120.1	91.1
77.5°	786.9	733.1	675.1	613.0	546.7	468.0	397.6	323.0	244.4	165.7	116.0
75°	1035.4	965.0	886.3	799.3	712.4	608.8	509.4	422.4	331.3	231.9	140.8
72.5°	1312.9	1225.9	1130.7	1014.7	878.0	757.9	637.8	521.8	414.2	294.1	190.5
70°	1669.1	1532.4	1391.6	1267.3	1093.4	902.9	762.1	629.5	492.9	360.3	240.2
67.5°	2050.1	1884.5	1714.6	1532.4	1312.9	1089.3	886.3	737.2	575.7	422.4	285.8
65°	2464.3	2257.2	2041.8	1838.9	1536.6	1271.5	1043.7	840.8	654.4	480.4	331.3
62.5°	2890.9	2646.5	2398.0	2133.0	1785.1	1457.9	1192.8	956.7	728.9	534.3	372.7
60°	3346.5	3060.7	2758.3	2427.0	2021.1	1660.8	1333.6	1076.8	807.6	588.1	418.3
57.5°	3826.9	3516.3	3160.1	2712.8	2265.5	1855.5	1495.1	1184.5	878.0	637.8	451.4
55°	4348.7	3992.6	3603.2	3011.0	2505.7	2050.1	1656.7	1292.2	952.6	679.2	484.6
52.5°	4912.0	4497.8	4005.0	3325.7	2758.3	2248.9	1805.8	1387.5	1023.0	724.8	513.6
50°	5541.5	5019.7	4357.0	3615.7	2977.8	2435.3	1954.9	1491.0	1081.0	774.5	538.4
47.5°	6195.9	5632.6	4671.8	3884.9	3201.5	2617.5	2108.1	1582.1	1139.0	815.9	563.3
45°	6879.3	6059.2	4999.0	4125.1	3396.2	2783.2	2224.1	1664.9	1209.4	853.2	584.0
42.5°	7554.4	6382.3	5284.7	4365.3	3578.4	2932.3	2319.3	1743.6	1267.3	890.5	604.7
40°	7873.3	6626.6	5512.5	4531.0	3731.6	3064.8	2402.2	1814.0	1317.0	915.3	625.4
37.5°	8005.8	6775.7	5661.6	4688.3	3851.7	3135.2	2472.6	1876.2	1358.5	940.2	642.0
35°	8034.8	6829.6	5736.2	4796.0	3951.1	3201.5	2526.4	1921.7	1391.6	965.0	658.5
32.5°	7981.0	6813.0	5756.9	4833.3	4013.3	3251.2	2563.7	1954.9	1416.4	989.9	675.1
30°	7860.9	6726.0	5682.3	4829.2	4058.8	3280.2	2588.5	1979.7	1441.3	1006.4	683.4
27.5°	7666.2	6572.8	5587.1	4833.3	4083.7	3292.6	2601.0	1992.1	1457.9	1018.8	699.9
25°	7426.0	6365.7	5591.2	4825.0	4087.8	3296.8	2601.0	1992.1	1462.0	1023.0	712.4
22.5°	7148.5	6365.7	5591.2	4812.6	4063.0	3288.5	2588.5	1983.9	1462.0	1031.3	724.8
20°	7165.1	6369.9	5578.8	4787.7	4025.7	3263.6	2559.5	1963.1	1449.6	1043.7	733.1
17.5°	7177.5	6361.6	5554.0	4754.6	3976.0	3222.2	2522.3	1934.2	1449.6	1056.1	737.2
15°	7177.5	6336.7	5516.7	4704.9	3913.9	3164.2	2468.4	1909.3	1453.7	1060.3	745.5
12.5°	7165.1	6291.2	5458.7	4638.6	3839.3	3093.8	2435.3	1901.0	1453.7	1064.4	745.5
10°	7140.2	6229.0	5384.1	4555.8	3768.9	3069.0	2418.7	1884.5	1445.4	1064.4	745.5
7.5°	7094.6	6154.5	5322.0	4506.1	3727.5	3040.0	2393.9	1859.6	1433.0	1056.1	753.8
5°	7024.2	6113.1	5272.3	4448.1	3669.5	3019.3	2377.3	1838.9	1424.7	1056.1	745.5
2.5°	6933.1	6063.4	5214.3	4373.6	3603.2	2948.9	2323.5	1793.3	1395.7	1039.6	737.2
0°	6784.0	5964.0	5114.9	4270.0	3512.1	2878.4	2269.6	1747.8	1366.7	1023.0	728.9
-2.5°	6647.4	5831.4	4986.5	4162.4	3425.1	2816.3	2228.2	1722.9	1354.3	1018.8	724.8
-5°	6456.8	5649.2	4816.7	4021.5	3309.2	2754.2	2186.8	1693.9	1341.9	1010.6	724.8
-7.5°	6245.6	5458.7	4638.6	3876.6	3193.2	2646.5	2108.1	1648.4	1312.9	994.0	720.6
-10°	5918.4	5172.9	4415.0	3710.9	3069.0	2551.3	2041.8	1607.0	1288.1	977.4	704.1
-12.5°	5570.5	4858.2	4158.2	3508.0	2928.1	2451.9	1967.3	1561.4	1259.1	960.9	695.8
-15°	5201.9	4535.1	3889.0	3296.8	2774.9	2331.7	1888.6	1511.7	1230.1	940.2	683.4
-17.5°	4816.7	4195.5	3611.5	3081.4	2621.7	2207.5	1805.8	1466.1	1196.9	919.4	670.9
-20°	4410.9	3847.6	3329.9	2861.9	2460.1	2083.3	1718.8	1412.3	1159.7	894.6	654.4



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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°	4009.1	3503.8	3040.0	2646.5	2294.5	1954.9	1631.8	1358.5	1118.2	865.6	642.0
-25°	3652.9	3180.8	2783.2	2439.4	2133.0	1830.6	1540.7	1304.6	1072.7	836.6	625.4
-27.5°	3305.0	2903.3	2530.5	2244.8	1975.6	1710.5	1453.7	1246.6	1027.1	803.5	608.8
-30°	2982.0	2638.2	2331.7	2054.3	1826.5	1602.8	1379.2	1188.7	977.4	770.3	588.1
-32.5°	2687.9	2410.4	2153.7	1888.6	1685.7	1495.1	1308.8	1130.7	927.7	737.2	567.4
-35°	2414.6	2199.2	1975.6	1751.9	1544.8	1395.7	1234.2	1068.5	882.2	699.9	546.7
-37.5°	2170.2	1996.3	1818.2	1627.7	1449.6	1300.5	1163.8	1006.4	836.6	666.8	526.0
-40°	1959.0	1818.2	1660.8	1507.6	1358.5	1217.6	1093.4	944.3	791.1	642.0	505.3
-42.5°	1764.3	1656.7	1528.3	1399.9	1267.3	1143.1	1023.0	878.0	745.5	613.0	484.6
-45°	1615.2	1507.6	1404.0	1288.1	1176.2	1068.5	948.4	820.0	704.1	579.8	463.9
-47.5°	1474.4	1379.2	1283.9	1188.7	1097.5	998.1	878.0	770.3	658.5	550.8	447.3
-50°	1350.2	1259.1	1176.2	1093.4	1014.7	919.4	807.6	720.6	621.2	521.8	426.6
-52.5°	1234.2	1155.5	1072.7	1006.4	940.2	844.9	753.8	670.9	584.0	488.7	405.9
-55°	1130.7	1056.1	981.6	919.4	857.3	774.5	699.9	629.5	546.7	463.9	385.2
-57.5°	1031.3	969.1	898.7	840.8	778.6	712.4	650.2	584.0	509.4	439.0	364.5
-60°	940.2	882.2	820.0	762.1	708.2	654.4	596.4	542.6	476.3	410.0	343.8
-62.5°	849.0	799.3	745.5	687.5	646.1	596.4	550.8	497.0	443.2	385.2	306.5
-65°	766.2	720.6	670.9	621.2	584.0	546.7	505.3	455.6	410.0	356.2	273.3
-67.5°	683.4	642.0	600.5	559.1	526.0	497.0	455.6	418.3	381.0	323.0	240.2
-70°	604.7	571.5	534.3	501.1	476.3	443.2	414.2	381.0	347.9	281.6	202.9
-72.5°	530.1	497.0	468.0	443.2	422.4	393.5	368.6	343.8	298.2	236.1	169.8
-75°	443.2	422.4	405.9	385.2	364.5	343.8	323.0	294.1	248.5	190.5	132.5
-77.5°	364.5	352.0	339.6	323.0	306.5	289.9	265.1	236.1	198.8	149.1	107.7
-80°	298.2	285.8	277.5	260.9	248.5	231.9	207.1	182.2	145.0	116.0	87.0
-82.5°	227.8	219.5	211.2	202.9	190.5	173.9	149.1	128.4	107.7	87.0	66.3
-85°	161.5	157.4	149.1	140.8	128.4	116.0	99.4	87.0	74.5	58.0	45.6
-87.5°	82.8	78.7	74.5	70.4	66.3	58.0	49.7	41.4	37.3	29.0	20.7
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	16.6	12.4	4.1	0.0
85°	33.1	20.7	8.3	0.0
82.5°	49.7	33.1	12.4	0.0
80°	66.3	41.4	20.7	0.0
77.5°	82.8	49.7	24.8	0.0
75°	99.4	62.1	29.0	0.0
72.5°	111.8	70.4	33.1	0.0
70°	132.5	82.8	37.3	0.0
67.5°	165.7	91.1	41.4	0.0
65°	194.7	99.4	45.6	0.0
62.5°	227.8	107.7	49.7	0.0
60°	256.8	116.0	53.8	0.0
57.5°	285.8	136.7	58.0	0.0
55°	310.6	153.2	62.1	0.0
52.5°	339.6	169.8	66.3	0.0
50°	364.5	186.4	70.4	0.0
47.5°	385.2	202.9	70.4	0.0
45°	401.7	215.4	74.5	0.0
42.5°	414.2	227.8	78.7	0.0
40°	426.6	240.2	82.8	0.0
37.5°	439.0	252.6	82.8	0.0
35°	451.4	265.1	87.0	0.0
32.5°	463.9	277.5	87.0	0.0
30°	472.1	285.8	91.1	0.0
27.5°	484.6	294.1	91.1	0.0
25°	488.7	302.3	95.3	0.0
22.5°	497.0	306.5	95.3	0.0
20°	505.3	314.8	95.3	0.0
17.5°	509.4	318.9	99.4	0.0
15°	509.4	323.0	103.5	0.0
12.5°	513.6	327.2	103.5	0.0
10°	513.6	335.5	99.4	0.0
7.5°	521.8	331.3	99.4	0.0
5°	517.7	331.3	99.4	0.0
2.5°	513.6	327.2	99.4	0.0
0°	509.4	327.2	99.4	0.0
-2.5°	509.4	327.2	99.4	0.0
-5°	509.4	327.2	99.4	0.0
-7.5°	505.3	331.3	99.4	0.0
-10°	497.0	331.3	99.4	0.0
-12.5°	492.9	318.9	99.4	0.0
-15°	488.7	314.8	99.4	0.0
-17.5°	480.4	310.6	95.3	0.0
-20°	472.1	306.5	95.3	0.0



REPORT NUMBER: P722001

CATALOG NUMBER: IFLD-S-SA6D-727-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	463.9	298.2	95.3	0.0
-25°	455.6	289.9	91.1	0.0
-27.5°	447.3	281.6	91.1	0.0
-30°	434.9	273.3	87.0	0.0
-32.5°	422.4	265.1	87.0	0.0
-35°	414.2	252.6	82.8	0.0
-37.5°	401.7	240.2	82.8	0.0
-40°	389.3	227.8	78.7	0.0
-42.5°	376.9	215.4	74.5	0.0
-45°	360.3	202.9	74.5	0.0
-47.5°	347.9	190.5	70.4	0.0
-50°	327.2	173.9	66.3	0.0
-52.5°	302.3	157.4	62.1	0.0
-55°	277.5	145.0	58.0	0.0
-57.5°	252.6	128.4	58.0	0.0
-60°	227.8	111.8	53.8	0.0
-62.5°	202.9	103.5	49.7	0.0
-65°	178.1	95.3	45.6	0.0
-67.5°	149.1	82.8	41.4	0.0
-70°	124.2	74.5	37.3	0.0
-72.5°	107.7	66.3	33.1	0.0
-75°	91.1	58.0	29.0	0.0
-77.5°	78.7	49.7	24.8	0.0
-80°	62.1	37.3	16.6	0.0
-82.5°	45.6	29.0	12.4	0.0
-85°	29.0	20.7	8.3	0.0
-87.5°	16.6	8.3	4.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)