

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: P722205

Luminaire Tested: **IFLD-S-SA6E-830-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722205
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-830-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

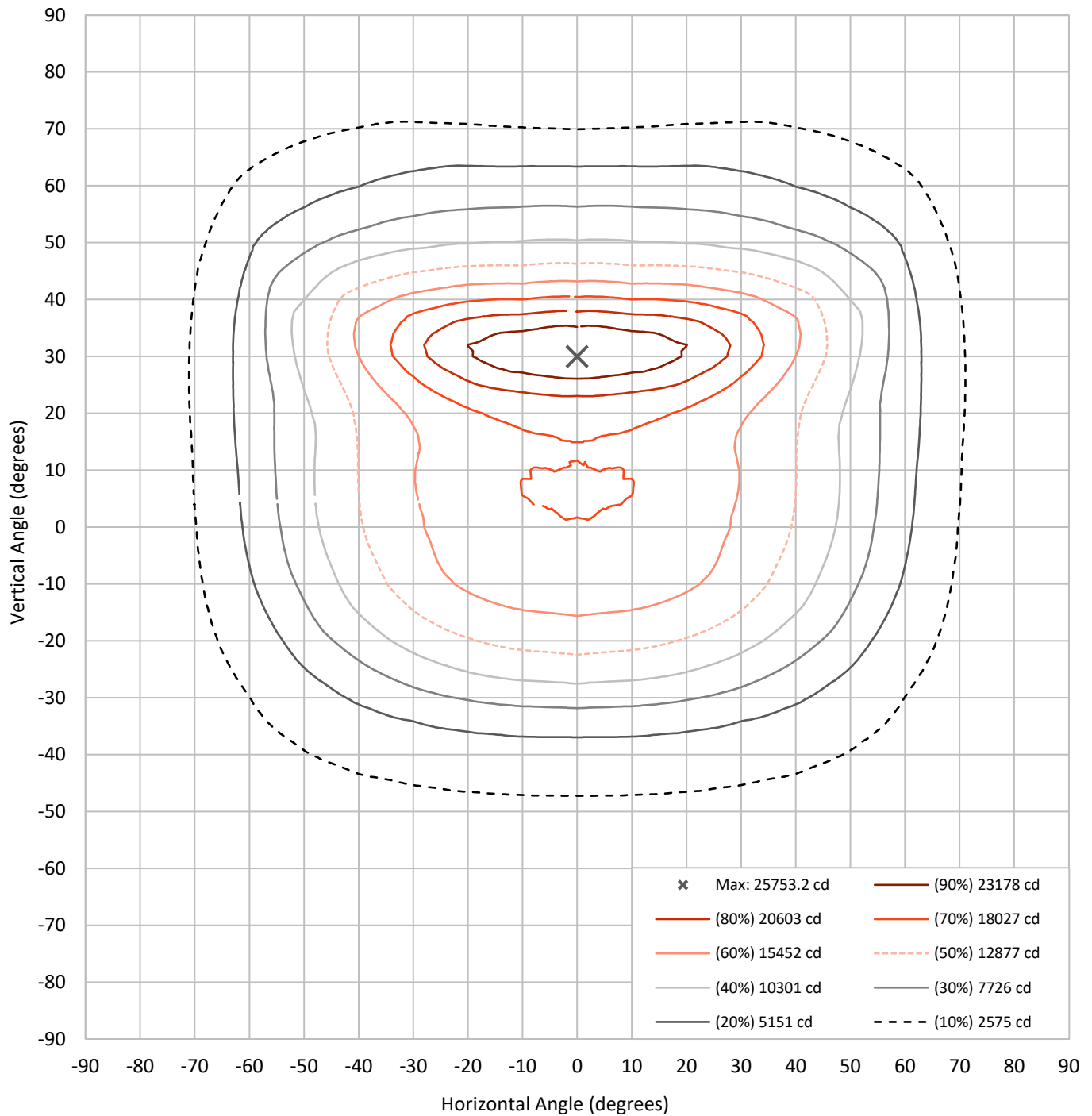
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 42988.5 lumens	Max Intensity: 25753.2 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 92.6 lumens/watt	
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 24998.3 lumens	Field Lumens: 40285.8 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 464.2
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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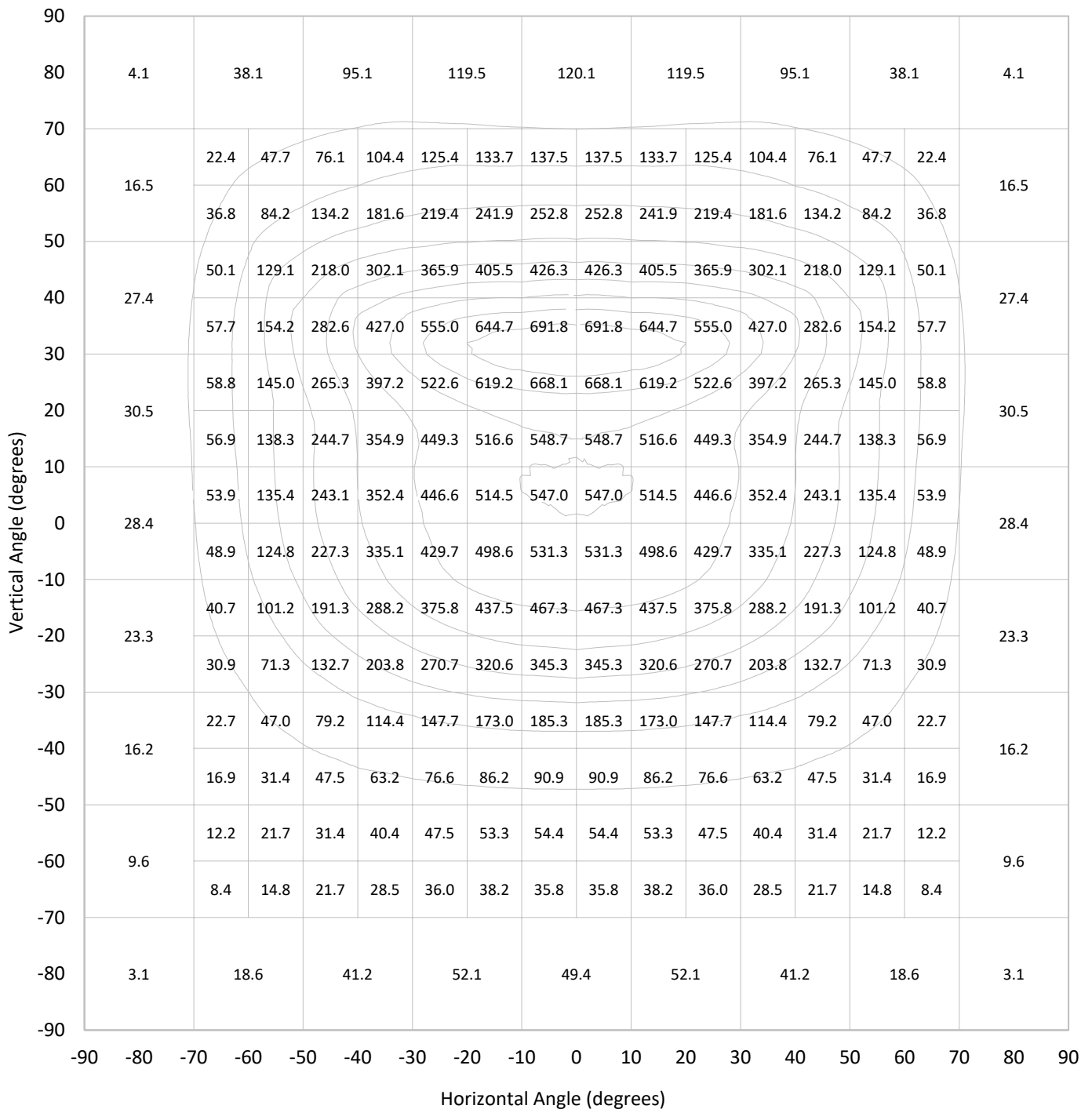
Iso-Candela Plot





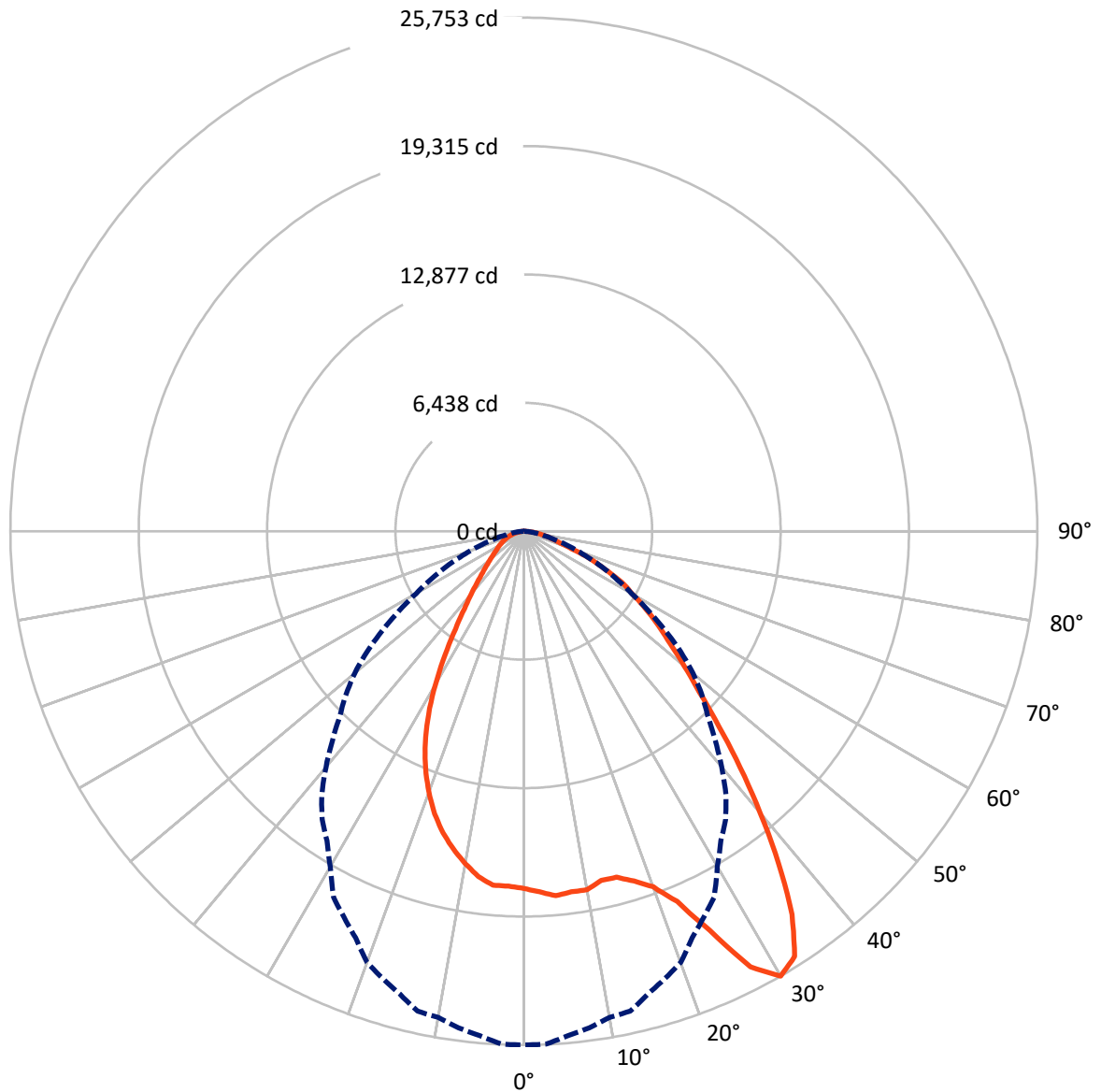
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Lumen Table



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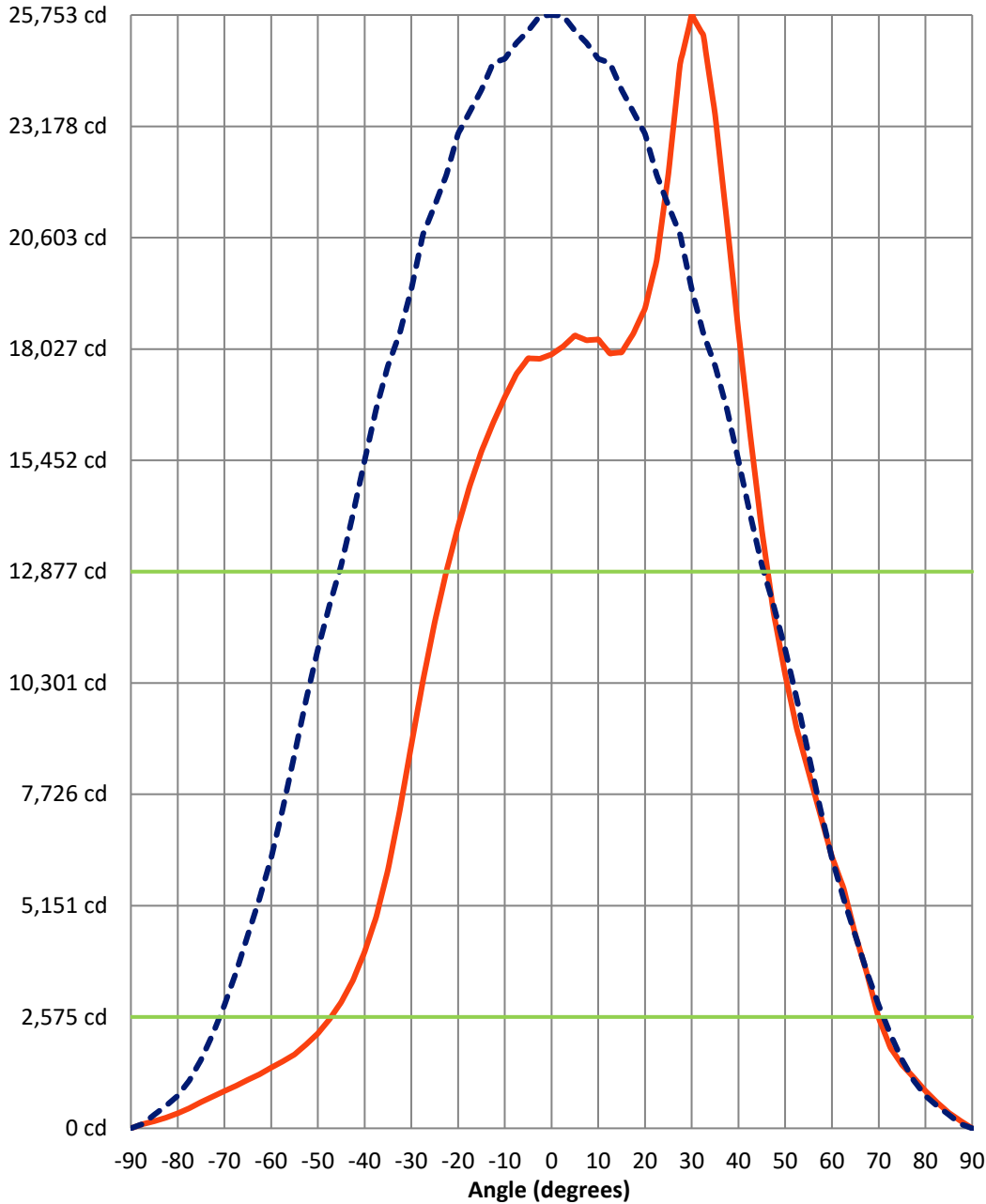
Luminous Intensity Polar Plot



— 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: 24998.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 40285.8
 Efficiency: 93.7%

Spill:
 Lumens: 2702.7
 Efficiency: 6.3%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	173.1	177.6	182.2	182.2	177.6	177.6	177.6	173.1	177.6	177.6	177.6
85°	359.8	368.9	378.0	373.4	368.9	359.8	350.7	355.2	359.8	364.3	364.3
82.5°	596.6	610.2	619.4	614.8	605.7	596.6	587.5	592.0	601.1	605.7	605.7
80°	865.3	869.8	874.4	883.5	869.8	869.8	865.3	883.5	892.6	901.7	910.8
77.5°	1174.9	1179.5	1179.5	1184.1	1188.6	1193.2	1193.2	1225.0	1247.8	1261.5	1275.1
75°	1466.4	1480.1	1493.7	1507.4	1525.6	1534.7	1548.4	1593.9	1630.4	1657.7	1685.0
72.5°	1867.2	1885.4	1908.2	1940.0	1971.9	1994.7	2026.6	2081.2	2122.2	2149.5	2181.4
70°	2554.8	2573.0	2595.8	2618.6	2650.5	2673.2	2705.1	2773.4	2814.4	2832.6	2850.8
67.5°	3574.9	3620.5	3661.5	3615.9	3593.2	3561.3	3570.4	3634.1	3675.1	3702.4	3697.9
65°	4481.2	4513.1	4513.1	4508.5	4490.3	4449.3	4472.1	4549.5	4595.0	4617.8	4549.5
62.5°	5546.8	5546.8	5524.1	5560.5	5565.1	5537.7	5524.1	5528.6	5533.2	5546.8	5433.0
60°	6284.6	6330.1	6343.8	6375.7	6384.8	6384.8	6407.6	6425.8	6425.8	6398.5	6266.4
57.5°	7259.2	7345.7	7363.9	7341.1	7295.6	7236.4	7227.3	7200.0	7145.3	7090.7	7026.9
55°	8242.8	8288.4	8283.8	8270.2	8224.6	8156.3	8165.4	8129.0	8042.5	7974.2	7887.6
52.5°	9231.1	9340.4	9358.6	9331.3	9267.5	9194.6	9199.2	9158.2	9071.7	8998.8	8880.4
50°	10492.5	10583.6	10574.5	10529.0	10437.9	10383.3	10387.8	10310.4	10210.2	10187.4	10032.6
47.5°	11936.2	12040.9	12022.7	11959.0	11836.0	11813.2	11836.0	11735.8	11676.6	11626.5	11444.3
45°	13830.7	13953.6	13885.3	13762.4	13566.5	13589.3	13621.2	13603.0	13475.5	13343.4	13111.1
42.5°	16053.1	16130.5	16048.5	15925.5	15679.6	15725.2	15706.9	15597.6	15520.2	15301.6	15005.6
40°	18430.3	18598.8	18471.3	18280.0	18025.0	18093.3	18043.2	17902.0	17719.8	17446.6	17073.2
37.5°	20994.2	21126.3	20980.5	20757.4	20529.7	20506.9	20406.7	20188.1	19928.6	19628.0	19031.4
35°	23448.8	23790.4	23521.7	23166.5	22888.7	22783.9	22688.3	22182.8	21886.8	21399.5	20584.3
32.5°	25275.0	25525.5	25193.0	24824.2	24487.2	24341.4	24004.4	23403.3	23243.9	22219.2	21472.4
30°	25753.2	25735.0	25388.9	25106.5	24742.2	24642.0	24022.7	23512.6	23002.5	22055.3	21344.9
27.5°	24614.7	24500.8	24168.4	23922.5	23562.7	23444.3	22834.0	22560.8	21772.9	20971.4	20370.3
25°	22078.1	22137.3	21886.8	21763.8	21527.0	21272.0	21030.6	20661.8	20169.9	19468.6	18917.6
22.5°	20078.8	20156.3	20051.5	19905.8	19723.6	19582.4	19400.3	19113.4	18639.8	18207.1	17688.0
20°	18967.6	18944.9	18853.8	18744.5	18571.4	18471.3	18270.9	18029.5	17665.2	17291.8	16731.6
17.5°	18384.7	18243.6	18157.0	18116.0	18025.0	17897.4	17660.6	17414.7	17132.4	16708.8	16299.0
15°	17952.1	17974.9	17906.6	17874.7	17801.8	17624.2	17382.8	17182.5	16799.9	16585.9	16212.4
12.5°	17924.8	17902.0	17906.6	17892.9	17801.8	17574.1	17451.1	17196.1	16950.2	16667.9	16239.8
10°	18248.1	18006.7	18025.0	18088.7	17943.0	17760.8	17628.8	17351.0	17118.7	16758.9	16335.4
7.5°	18229.9	18106.9	18143.4	18038.6	18084.2	17861.0	17678.9	17401.1	17109.6	16727.1	16344.5
5°	18339.2	18152.5	18120.6	18129.7	18015.9	17847.4	17601.4	17337.3	17064.1	16636.0	16244.3
2.5°	18088.7	18116.0	17970.3	17915.7	17902.0	17619.6	17391.9	17136.9	16854.6	16476.6	16125.9
0°	17902.0	17952.1	17801.8	17724.4	17719.8	17478.5	17332.7	17041.3	16840.9	16526.7	16103.1
-2.5°	17801.8	17861.0	17879.2	17738.1	17601.4	17414.7	17168.8	16854.6	16526.7	16162.4	15798.0
-5°	17810.9	17692.5	17642.4	17688.0	17569.6	17382.8	17109.6	16831.8	16508.5	16116.8	15661.4
-7.5°	17451.1	17332.7	17323.6	17300.9	17273.5	17095.9	16868.2	16567.7	16239.8	15875.4	15451.9
-10°	16913.8	16827.2	16804.5	16781.7	16708.8	16604.1	16390.1	16116.8	15820.8	15456.5	15005.6
-12.5°	16317.2	16276.2	16189.7	16130.5	16057.6	15934.6	15729.7	15479.2	15183.2	14859.9	14472.8
-15°	15656.8	15579.4	15492.9	15442.8	15338.1	15192.3	14987.4	14755.1	14431.8	14113.0	13748.7
-17.5°	14859.9	14764.3	14668.6	14655.0	14582.1	14358.9	14167.7	13885.3	13603.0	13297.8	12942.6
-20°	13921.8	13789.7	13725.9	13689.5	13589.3	13425.4	13220.4	12960.8	12687.6	12396.1	11986.3



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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°	12883.4	12769.6	12660.3	12592.0	12505.4	12377.9	12182.1	11954.4	11685.7	11357.8	10979.8
-25°	11703.9	11544.5	11476.2	11398.8	11353.3	11234.9	11043.6	10834.1	10556.3	10237.5	9877.8
-27.5°	10355.9	10228.4	10192.0	10082.7	10028.0	9905.1	9745.7	9549.9	9294.8	8994.3	8698.2
-30°	8866.8	8789.3	8730.1	8620.8	8579.8	8447.8	8343.0	8179.1	7946.8	7732.8	7496.0
-32.5°	7336.6	7259.2	7241.0	7190.9	7163.5	7077.0	6958.6	6840.2	6653.5	6494.1	6302.8
-35°	5979.5	5924.8	5929.4	5924.8	5897.5	5833.7	5688.0	5656.1	5519.5	5373.8	5250.8
-37.5°	4895.6	4900.2	4895.6	4891.1	4854.6	4827.3	4722.6	4681.6	4599.6	4458.4	4385.6
-40°	4080.4	4089.5	4085.0	4075.9	4034.9	4021.2	3952.9	3898.3	3866.4	3766.2	3688.8
-42.5°	3420.1	3433.8	3429.2	3424.7	3397.3	3392.8	3356.3	3292.6	3274.4	3215.2	3133.2
-45°	2919.2	2914.6	2905.5	2914.6	2900.9	2887.3	2864.5	2823.5	2800.7	2773.4	2705.1
-47.5°	2522.9	2527.5	2518.4	2518.4	2500.2	2486.5	2477.4	2450.1	2431.9	2409.1	2368.1
-50°	2195.1	2213.3	2208.7	2204.2	2190.5	2181.4	2181.4	2154.1	2126.7	2117.6	2090.3
-52.5°	1940.0	1953.7	1958.2	1967.4	1971.9	1976.5	1962.8	1935.5	1889.9	1885.4	1871.7
-55°	1707.8	1748.8	1776.1	1794.3	1812.5	1826.2	1798.9	1762.4	1716.9	1698.7	1694.1
-57.5°	1548.4	1589.4	1621.2	1648.6	1671.3	1694.1	1666.8	1630.4	1589.4	1566.6	1562.0
-60°	1402.6	1439.1	1471.0	1507.4	1539.3	1575.7	1562.0	1534.7	1511.9	1493.7	1475.5
-62.5°	1247.8	1284.2	1320.7	1366.2	1407.2	1443.6	1448.2	1443.6	1439.1	1443.6	1411.8
-65°	1120.3	1138.5	1161.3	1211.4	1256.9	1297.9	1320.7	1334.3	1357.1	1379.9	1348.0
-67.5°	983.7	1006.4	1033.8	1070.2	1106.6	1134.0	1165.8	1202.3	1238.7	1275.1	1252.4
-70°	860.7	878.9	901.7	919.9	942.7	960.9	988.2	1029.2	1070.2	1106.6	1097.5
-72.5°	733.2	751.4	765.1	774.2	787.9	797.0	810.6	847.1	874.4	892.6	892.6
-75°	605.7	623.9	637.6	642.1	651.2	655.8	664.9	678.6	692.2	696.8	701.3
-77.5°	464.5	482.7	496.4	505.5	514.6	523.7	528.3	537.4	541.9	541.9	546.5
-80°	346.1	359.8	368.9	382.5	387.1	396.2	405.3	409.9	414.4	414.4	419.0
-82.5°	245.9	255.0	264.1	273.2	282.4	286.9	296.0	300.6	305.1	309.7	314.2
-85°	163.9	173.1	182.2	191.3	195.8	200.4	204.9	209.5	214.0	218.6	223.1
-87.5°	95.6	100.2	104.7	113.9	118.4	127.5	132.1	127.5	132.1	132.1	132.1
-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°	177.6	177.6	177.6	177.6	173.1	163.9	159.4	150.3	141.2	132.1	123.0
85°	368.9	373.4	373.4	373.4	364.3	359.8	346.1	332.4	314.2	286.9	264.1
82.5°	614.8	619.4	619.4	614.8	605.7	592.0	573.8	551.0	514.6	478.2	446.3
80°	924.5	929.0	929.0	924.5	901.7	878.9	856.2	828.8	783.3	733.2	678.6
77.5°	1293.4	1302.5	1302.5	1288.8	1256.9	1229.6	1193.2	1147.6	1079.3	1006.4	933.6
75°	1721.4	1744.2	1748.8	1735.1	1694.1	1644.0	1584.8	1507.4	1402.6	1311.6	1225.0
72.5°	2217.8	2240.6	2258.8	2240.6	2181.4	2113.1	2026.6	1935.5	1830.7	1707.8	1562.0
70°	2869.1	2891.8	2905.5	2846.3	2741.5	2627.7	2522.9	2418.2	2295.2	2145.0	1985.6
67.5°	3688.8	3666.0	3638.7	3520.3	3388.2	3251.6	3105.9	2951.0	2791.6	2632.2	2445.5
65°	4476.6	4412.9	4353.7	4212.5	4044.0	3866.4	3697.9	3524.8	3333.6	3133.2	2955.6
62.5°	5305.5	5168.9	5023.1	4850.1	4677.0	4481.2	4312.7	4107.8	3893.7	3647.8	3420.1
60°	6120.7	5956.7	5811.0	5596.9	5369.2	5105.1	4922.9	4722.6	4472.1	4207.9	3939.3
57.5°	6908.5	6730.9	6571.5	6384.8	6138.9	5852.0	5651.6	5392.0	5127.9	4795.4	4522.2
55°	7746.5	7568.8	7441.3	7231.8	6963.2	6699.0	6480.4	6207.2	5838.3	5483.1	5146.1
52.5°	8707.4	8566.2	8429.6	8215.5	7892.2	7623.5	7382.1	7077.0	6689.9	6252.7	5847.4
50°	9782.1	9709.3	9563.5	9313.0	8944.2	8707.4	8388.6	7983.3	7568.8	7108.9	6603.4
47.5°	11207.5	11089.1	10884.2	10611.0	10301.3	9946.1	9518.0	9044.4	8456.9	7946.8	7409.5
45°	12910.8	12692.2	12428.0	12059.1	11676.6	11275.8	10806.8	10205.6	9417.8	8752.9	8188.2
42.5°	14755.1	14459.1	14099.4	13616.6	13120.2	12628.4	12122.9	11303.2	10319.5	9554.4	8916.8
40°	16681.5	16303.5	15852.7	15151.3	14600.3	13967.3	13388.9	12163.9	11116.5	10287.6	9609.1
37.5°	18566.9	18088.7	17332.7	16481.1	15839.0	15319.8	14049.3	12737.7	11799.6	10888.8	10201.1
35°	20010.5	19605.2	18270.9	17387.4	16836.4	16016.6	14427.3	13083.8	12091.0	11335.0	10264.8
32.5°	20866.7	19819.3	18648.9	17756.3	17300.9	15957.4	14454.6	13184.0	12227.6	11380.6	10100.9
30°	20675.4	19409.4	18384.7	17637.9	16649.6	15442.8	14199.6	13029.2	12100.1	11075.5	9918.7
27.5°	19523.2	18544.1	17628.8	16850.0	15880.0	14796.1	13648.5	12619.3	11754.0	10761.2	9668.3
25°	18220.8	17332.7	16654.2	15975.6	15055.7	14021.9	13010.9	12268.6	11398.8	10419.7	9340.4
22.5°	17023.1	16385.5	15852.7	15142.2	14245.1	13343.4	12714.9	11945.3	11052.7	10059.9	9003.4
20°	16258.0	15825.4	15215.1	14431.8	13725.9	13161.2	12464.5	11649.3	10729.4	9691.0	8716.5
17.5°	15889.1	15388.2	14709.6	14199.6	13657.6	13038.3	12259.5	11394.3	10415.1	9522.5	8748.3
15°	15697.8	15169.6	14723.3	14222.3	13612.1	12960.8	12095.6	11198.4	10415.1	9590.8	8771.1
12.5°	15738.8	15283.4	14796.1	14249.6	13593.9	12897.1	12113.8	11280.4	10469.8	9640.9	8775.7
10°	15866.3	15388.2	14869.0	14263.3	13603.0	12915.3	12163.9	11330.5	10497.1	9663.7	8766.6
7.5°	15911.9	15392.7	14837.1	14226.9	13580.2	12906.2	12173.0	11344.2	10501.7	9659.2	8739.2
5°	15770.7	15301.6	14764.3	14149.5	13516.4	12860.7	12136.6	11325.9	10465.2	9613.6	8670.9
2.5°	15579.4	15201.4	14686.8	14094.8	13452.7	12796.9	12077.4	11244.0	10383.3	9531.6	8584.4
0°	15547.6	15078.5	14559.3	14031.1	13347.9	12655.7	11940.7	11089.1	10233.0	9376.8	8434.1
-2.5°	15338.1	14841.7	14322.5	13748.7	13147.6	12450.8	11699.4	10866.0	10018.9	9176.4	8270.2
-5°	15178.7	14627.6	14076.6	13457.2	12851.6	12154.8	11376.0	10565.4	9736.6	8916.8	8042.5
-7.5°	14964.6	14399.9	13821.6	13174.9	12519.1	11808.7	11039.0	10228.4	9413.2	8598.1	7760.1
-10°	14532.0	14035.6	13493.7	12824.2	12132.0	11421.6	10656.5	9859.5	9044.4	8220.1	7377.6
-12.5°	14008.3	13484.6	12892.5	12277.7	11658.4	10998.0	10233.0	9449.7	8629.9	7801.1	6963.2
-15°	13329.7	12815.1	12209.4	11608.3	11011.7	10378.7	9704.7	8998.8	8165.4	7350.2	6512.3
-17.5°	12482.7	11999.9	11458.0	10884.2	10292.2	9654.6	8998.8	8402.2	7623.5	6858.4	6029.6
-20°	11571.9	11121.0	10633.7	10091.8	9499.8	8875.9	8256.5	7632.6	6958.6	6284.6	5515.0



REPORT NUMBER: P722205
 CATALOG NUMBER: IFLD-S-SA6E-830-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	10624.6	10169.2	9677.4	9171.9	8625.4	8047.0	7473.2	6876.6	6284.6	5674.4	5023.1
-25°	9531.6	9130.9	8680.0	8188.2	7700.9	7195.4	6648.9	6107.0	5601.5	5073.2	4540.4
-27.5°	8388.6	8019.7	7609.8	7181.7	6762.8	6339.2	5865.6	5364.7	4945.7	4508.5	4066.8
-30°	7186.3	6890.3	6557.8	6184.4	5861.1	5519.5	5123.3	4708.9	4326.4	3993.9	3638.7
-32.5°	6047.8	5797.3	5560.5	5314.6	4995.8	4731.7	4458.4	4153.3	3816.3	3502.1	3247.0
-35°	5068.7	4800.0	4699.8	4517.6	4289.9	4057.7	3857.3	3638.7	3383.7	3105.9	2896.4
-37.5°	4244.4	4085.0	3943.8	3843.6	3693.3	3506.6	3347.2	3187.8	2992.0	2782.5	2573.0
-40°	3602.3	3493.0	3338.1	3288.0	3192.4	3064.9	2900.9	2778.0	2645.9	2486.5	2308.9
-42.5°	3087.7	3005.7	2905.5	2819.0	2778.0	2686.9	2559.4	2441.0	2336.2	2226.9	2090.3
-45°	2664.1	2609.5	2545.7	2468.3	2436.4	2363.6	2272.5	2140.4	2081.2	1990.1	1889.9
-47.5°	2322.6	2295.2	2249.7	2199.6	2154.1	2099.4	2017.4	1935.5	1853.5	1794.3	1716.9
-50°	2053.9	2035.7	2008.3	1967.4	1908.2	1871.7	1817.1	1744.2	1666.8	1616.7	1562.0
-52.5°	1839.8	1821.6	1803.4	1771.5	1726.0	1689.6	1644.0	1584.8	1521.1	1471.0	1425.4
-55°	1675.9	1648.6	1634.9	1607.6	1571.1	1530.2	1489.2	1448.2	1393.5	1348.0	1302.5
-57.5°	1548.4	1511.9	1493.7	1471.0	1434.5	1393.5	1361.7	1320.7	1284.2	1234.1	1193.2
-60°	1448.2	1407.2	1370.8	1348.0	1316.1	1275.1	1243.3	1211.4	1174.9	1134.0	1083.9
-62.5°	1366.2	1316.1	1266.0	1238.7	1206.8	1170.4	1138.5	1106.6	1070.2	1029.2	983.7
-65°	1288.8	1229.6	1165.8	1138.5	1106.6	1070.2	1029.2	1006.4	974.6	938.1	892.6
-67.5°	1193.2	1129.4	1074.8	1042.9	1011.0	979.1	942.7	919.9	888.0	842.5	797.0
-70°	1052.0	1011.0	974.6	947.2	919.9	892.6	856.2	819.7	783.3	742.3	701.3
-72.5°	874.4	860.7	856.2	842.5	810.6	778.7	742.3	705.9	674.0	642.1	610.2
-75°	705.9	715.0	724.1	719.5	687.7	655.8	623.9	592.0	569.3	541.9	514.6
-77.5°	560.1	569.3	578.4	578.4	555.6	537.4	514.6	491.8	473.6	450.9	423.5
-80°	432.6	446.3	460.0	469.1	450.9	437.2	419.0	400.8	382.5	364.3	346.1
-82.5°	327.9	341.6	355.2	364.3	350.7	341.6	327.9	314.2	300.6	282.4	268.7
-85°	236.8	245.9	255.0	259.6	250.5	241.4	232.3	223.1	214.0	200.4	191.3
-87.5°	136.6	141.2	145.7	150.3	141.2	132.1	127.5	118.4	113.9	104.7	100.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: IFLD-S-SA6E-830-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°	113.9	104.7	95.6	91.1	82.0	68.3	59.2	50.1	41.0	31.9	27.3
85°	241.4	218.6	191.3	177.6	159.4	141.2	123.0	104.7	86.5	68.3	50.1
82.5°	414.4	387.1	359.8	327.9	286.9	236.8	186.7	154.8	127.5	100.2	77.4
80°	623.9	573.8	528.3	487.3	441.7	378.0	309.7	245.9	173.1	132.1	100.2
77.5°	865.3	806.1	742.3	674.0	601.1	514.6	437.2	355.2	268.7	182.2	127.5
75°	1138.5	1061.1	974.6	878.9	783.3	669.4	560.1	464.5	364.3	255.0	154.8
72.5°	1443.6	1348.0	1243.3	1115.7	965.5	833.4	701.3	573.8	455.4	323.3	209.5
70°	1835.3	1685.0	1530.2	1393.5	1202.3	992.8	837.9	692.2	541.9	396.2	264.1
67.5°	2254.3	2072.1	1885.4	1685.0	1443.6	1197.7	974.6	810.6	633.0	464.5	314.2
65°	2709.7	2482.0	2245.2	2022.0	1689.6	1398.1	1147.6	924.5	719.5	528.3	364.3
62.5°	3178.7	2910.0	2636.8	2345.3	1962.8	1603.0	1311.6	1052.0	801.5	587.5	409.9
60°	3679.7	3365.4	3033.0	2668.7	2222.4	1826.2	1466.4	1184.1	888.0	646.7	460.0
57.5°	4207.9	3866.4	3474.7	2982.9	2491.1	2040.2	1644.0	1302.5	965.5	701.3	496.4
55°	4781.8	4390.1	3962.0	3310.8	2755.2	2254.3	1821.6	1420.9	1047.4	746.9	532.8
52.5°	5401.1	4945.7	4403.8	3656.9	3033.0	2472.9	1985.6	1525.6	1124.9	797.0	564.7
50°	6093.3	5519.5	4790.9	3975.7	3274.4	2677.8	2149.5	1639.5	1188.6	851.6	592.0
47.5°	6812.9	6193.5	5137.0	4271.7	3520.3	2878.2	2318.0	1739.6	1252.4	897.1	619.4
45°	7564.3	6662.6	5496.7	4535.8	3734.3	3060.3	2445.5	1830.7	1329.8	938.1	642.1
42.5°	8306.6	7017.8	5811.0	4800.0	3934.7	3224.3	2550.3	1917.3	1393.5	979.1	664.9
40°	8657.3	7286.5	6061.5	4982.1	4103.2	3370.0	2641.4	1994.7	1448.2	1006.4	687.7
37.5°	8803.0	7450.4	6225.4	5155.2	4235.3	3447.4	2718.8	2063.0	1493.7	1033.8	705.9
35°	8834.9	7509.6	6307.4	5273.6	4344.6	3520.3	2778.0	2113.1	1530.2	1061.1	724.1
32.5°	8775.7	7491.4	6330.1	5314.6	4412.9	3574.9	2819.0	2149.5	1557.5	1088.4	742.3
30°	8643.6	7395.8	6248.2	5310.0	4463.0	3606.8	2846.3	2176.8	1584.8	1106.6	751.4
27.5°	8429.6	7227.3	6143.4	5314.6	4490.3	3620.5	2859.9	2190.5	1603.0	1120.3	769.6
25°	8165.4	6999.6	6148.0	5305.5	4494.9	3625.0	2859.9	2190.5	1607.6	1124.9	783.3
22.5°	7860.3	6999.6	6148.0	5291.8	4467.5	3615.9	2846.3	2181.4	1607.6	1134.0	797.0
20°	7878.5	7004.1	6134.3	5264.5	4426.5	3588.6	2814.4	2158.6	1593.9	1147.6	806.1
17.5°	7892.2	6995.0	6107.0	5228.1	4371.9	3543.1	2773.4	2126.7	1593.9	1161.3	810.6
15°	7892.2	6967.7	6066.0	5173.4	4303.6	3479.3	2714.2	2099.4	1598.5	1165.8	819.7
12.5°	7878.5	6917.6	6002.2	5100.5	4221.6	3401.9	2677.8	2090.3	1598.5	1170.4	819.7
10°	7851.2	6849.3	5920.3	5009.5	4144.2	3374.6	2659.6	2072.1	1589.4	1170.4	819.7
7.5°	7801.1	6767.3	5852.0	4954.8	4098.7	3342.7	2632.2	2044.8	1575.7	1161.3	828.8
5°	7723.7	6721.8	5797.3	4891.1	4034.9	3319.9	2614.0	2022.0	1566.6	1161.3	819.7
2.5°	7623.5	6667.1	5733.6	4809.1	3962.0	3242.5	2554.8	1971.9	1534.7	1143.1	810.6
0°	7459.5	6557.8	5624.3	4695.2	3861.8	3165.1	2495.6	1921.8	1502.8	1124.9	801.5
-2.5°	7309.3	6412.1	5483.1	4576.8	3766.2	3096.8	2450.1	1894.5	1489.2	1120.3	797.0
-5°	7099.8	6211.7	5296.4	4422.0	3638.7	3028.4	2404.5	1862.6	1475.5	1111.2	797.0
-7.5°	6867.5	6002.2	5100.5	4262.6	3511.2	2910.0	2318.0	1812.5	1443.6	1093.0	792.4
-10°	6507.7	5688.0	4854.6	4080.4	3374.6	2805.3	2245.2	1767.0	1416.3	1074.8	774.2
-12.5°	6125.2	5341.9	4572.3	3857.3	3219.7	2696.0	2163.2	1716.9	1384.4	1056.5	765.1
-15°	5719.9	4986.7	4276.3	3625.0	3051.2	2563.9	2076.7	1662.2	1352.6	1033.8	751.4
-17.5°	5296.4	4613.3	3971.1	3388.2	2882.7	2427.3	1985.6	1612.1	1316.1	1011.0	737.8
-20°	4850.1	4230.7	3661.5	3146.9	2705.1	2290.7	1889.9	1552.9	1275.1	983.7	719.5



REPORT NUMBER: P722205
 CATALOG NUMBER: IFLD-S-SA6E-830-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4408.3	3852.7	3342.7	2910.0	2522.9	2149.5	1794.3	1493.7	1229.6	951.8	705.9
-25°	4016.7	3497.5	3060.3	2682.3	2345.3	2012.9	1694.1	1434.5	1179.5	919.9	687.7
-27.5°	3634.1	3192.4	2782.5	2468.3	2172.3	1880.8	1598.5	1370.8	1129.4	883.5	669.4
-30°	3278.9	2900.9	2563.9	2258.8	2008.3	1762.4	1516.5	1307.0	1074.8	847.1	646.7
-32.5°	2955.6	2650.5	2368.1	2076.7	1853.5	1644.0	1439.1	1243.3	1020.1	810.6	623.9
-35°	2655.0	2418.2	2172.3	1926.4	1698.7	1534.7	1357.1	1174.9	970.0	769.6	601.1
-37.5°	2386.3	2195.1	1999.2	1789.7	1593.9	1430.0	1279.7	1106.6	919.9	733.2	578.4
-40°	2154.1	1999.2	1826.2	1657.7	1493.7	1338.9	1202.3	1038.3	869.8	705.9	555.6
-42.5°	1940.0	1821.6	1680.4	1539.3	1393.5	1256.9	1124.9	965.5	819.7	674.0	532.8
-45°	1776.1	1657.7	1543.8	1416.3	1293.4	1174.9	1042.9	901.7	774.2	637.6	510.1
-47.5°	1621.2	1516.5	1411.8	1307.0	1206.8	1097.5	965.5	847.1	724.1	605.7	491.8
-50°	1484.6	1384.4	1293.4	1202.3	1115.7	1011.0	888.0	792.4	683.1	573.8	469.1
-52.5°	1357.1	1270.6	1179.5	1106.6	1033.8	929.0	828.8	737.8	642.1	537.4	446.3
-55°	1243.3	1161.3	1079.3	1011.0	942.7	851.6	769.6	692.2	601.1	510.1	423.5
-57.5°	1134.0	1065.6	988.2	924.5	856.2	783.3	715.0	642.1	560.1	482.7	400.8
-60°	1033.8	970.0	901.7	837.9	778.7	719.5	655.8	596.6	523.7	450.9	378.0
-62.5°	933.6	878.9	819.7	756.0	710.4	655.8	605.7	546.5	487.3	423.5	337.0
-65°	842.5	792.4	737.8	683.1	642.1	601.1	555.6	500.9	450.9	391.6	300.6
-67.5°	751.4	705.9	660.3	614.8	578.4	546.5	500.9	460.0	419.0	355.2	264.1
-70°	664.9	628.5	587.5	551.0	523.7	487.3	455.4	419.0	382.5	309.7	223.1
-72.5°	582.9	546.5	514.6	487.3	464.5	432.6	405.3	378.0	327.9	259.6	186.7
-75°	487.3	464.5	446.3	423.5	400.8	378.0	355.2	323.3	273.2	209.5	145.7
-77.5°	400.8	387.1	373.4	355.2	337.0	318.8	291.5	259.6	218.6	163.9	118.4
-80°	327.9	314.2	305.1	286.9	273.2	255.0	227.7	200.4	159.4	127.5	95.6
-82.5°	250.5	241.4	232.3	223.1	209.5	191.3	163.9	141.2	118.4	95.6	72.9
-85°	177.6	173.1	163.9	154.8	141.2	127.5	109.3	95.6	82.0	63.8	50.1
-87.5°	91.1	86.5	82.0	77.4	72.9	63.8	54.6	45.5	41.0	31.9	22.8
-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°	18.2	13.7	4.6	0.0
85°	36.4	22.8	9.1	0.0
82.5°	54.6	36.4	13.7	0.0
80°	72.9	45.5	22.8	0.0
77.5°	91.1	54.6	27.3	0.0
75°	109.3	68.3	31.9	0.0
72.5°	123.0	77.4	36.4	0.0
70°	145.7	91.1	41.0	0.0
67.5°	182.2	100.2	45.5	0.0
65°	214.0	109.3	50.1	0.0
62.5°	250.5	118.4	54.6	0.0
60°	282.4	127.5	59.2	0.0
57.5°	314.2	150.3	63.8	0.0
55°	341.6	168.5	68.3	0.0
52.5°	373.4	186.7	72.9	0.0
50°	400.8	204.9	77.4	0.0
47.5°	423.5	223.1	77.4	0.0
45°	441.7	236.8	82.0	0.0
42.5°	455.4	250.5	86.5	0.0
40°	469.1	264.1	91.1	0.0
37.5°	482.7	277.8	91.1	0.0
35°	496.4	291.5	95.6	0.0
32.5°	510.1	305.1	95.6	0.0
30°	519.2	314.2	100.2	0.0
27.5°	532.8	323.3	100.2	0.0
25°	537.4	332.4	104.7	0.0
22.5°	546.5	337.0	104.7	0.0
20°	555.6	346.1	104.7	0.0
17.5°	560.1	350.7	109.3	0.0
15°	560.1	355.2	113.9	0.0
12.5°	564.7	359.8	113.9	0.0
10°	564.7	368.9	109.3	0.0
7.5°	573.8	364.3	109.3	0.0
5°	569.3	364.3	109.3	0.0
2.5°	564.7	359.8	109.3	0.0
0°	560.1	359.8	109.3	0.0
-2.5°	560.1	359.8	109.3	0.0
-5°	560.1	359.8	109.3	0.0
-7.5°	555.6	364.3	109.3	0.0
-10°	546.5	364.3	109.3	0.0
-12.5°	541.9	350.7	109.3	0.0
-15°	537.4	346.1	109.3	0.0
-17.5°	528.3	341.6	104.7	0.0
-20°	519.2	337.0	104.7	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	510.1	327.9	104.7	0.0
-25°	500.9	318.8	100.2	0.0
-27.5°	491.8	309.7	100.2	0.0
-30°	478.2	300.6	95.6	0.0
-32.5°	464.5	291.5	95.6	0.0
-35°	455.4	277.8	91.1	0.0
-37.5°	441.7	264.1	91.1	0.0
-40°	428.1	250.5	86.5	0.0
-42.5°	414.4	236.8	82.0	0.0
-45°	396.2	223.1	82.0	0.0
-47.5°	382.5	209.5	77.4	0.0
-50°	359.8	191.3	72.9	0.0
-52.5°	332.4	173.1	68.3	0.0
-55°	305.1	159.4	63.8	0.0
-57.5°	277.8	141.2	63.8	0.0
-60°	250.5	123.0	59.2	0.0
-62.5°	223.1	113.9	54.6	0.0
-65°	195.8	104.7	50.1	0.0
-67.5°	163.9	91.1	45.5	0.0
-70°	136.6	82.0	41.0	0.0
-72.5°	118.4	72.9	36.4	0.0
-75°	100.2	63.8	31.9	0.0
-77.5°	86.5	54.6	27.3	0.0
-80°	68.3	41.0	18.2	0.0
-82.5°	50.1	31.9	13.7	0.0
-85°	31.9	22.8	9.1	0.0
-87.5°	18.2	9.1	4.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)