

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: P722263

Luminaire Tested: **IFLD-S-SA6E-930-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722263
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-930-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

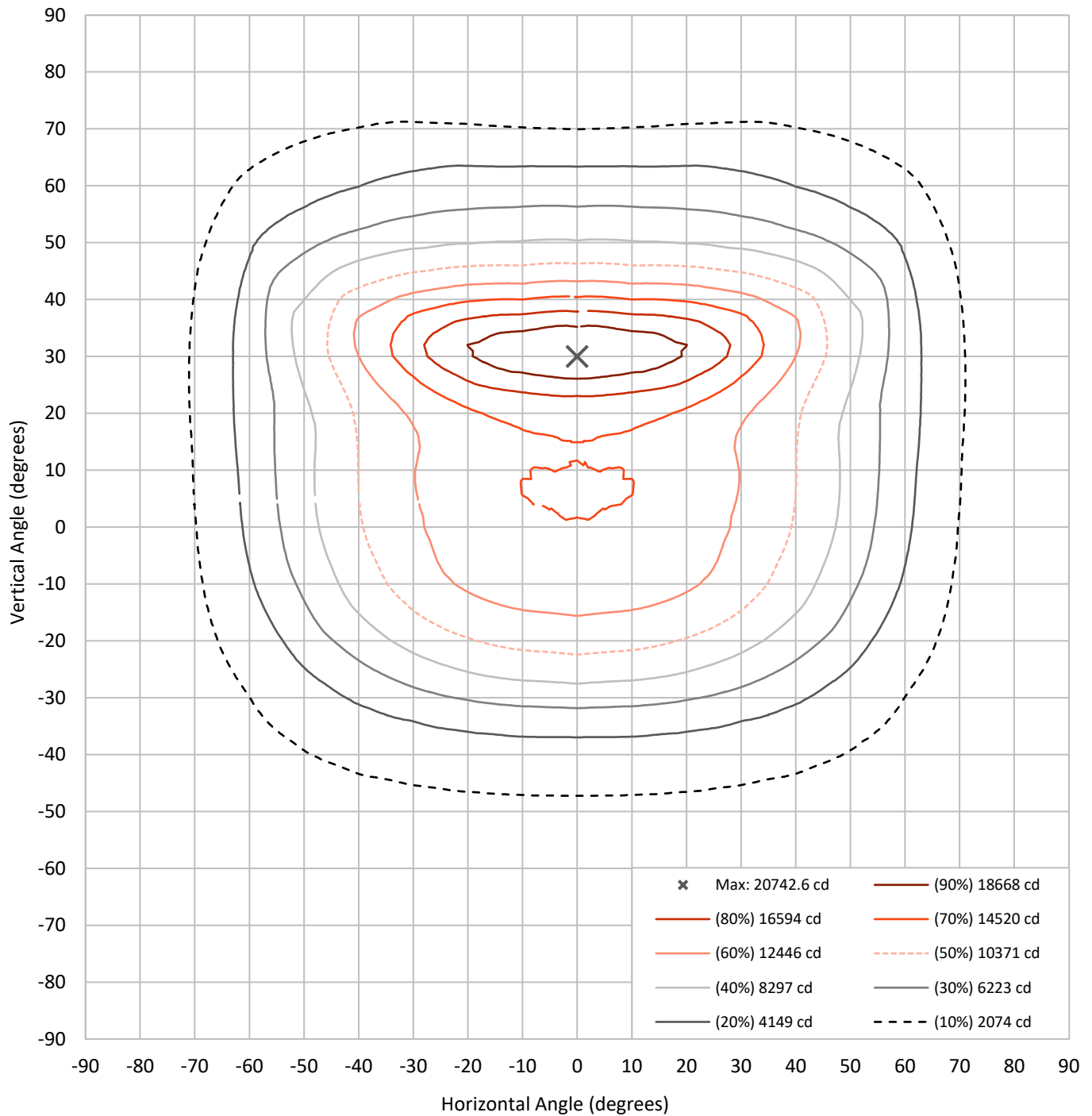
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	34624.6 lumens	Max Intensity:	20742.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	74.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	20134.6 lumens	Field Lumens:	32447.7 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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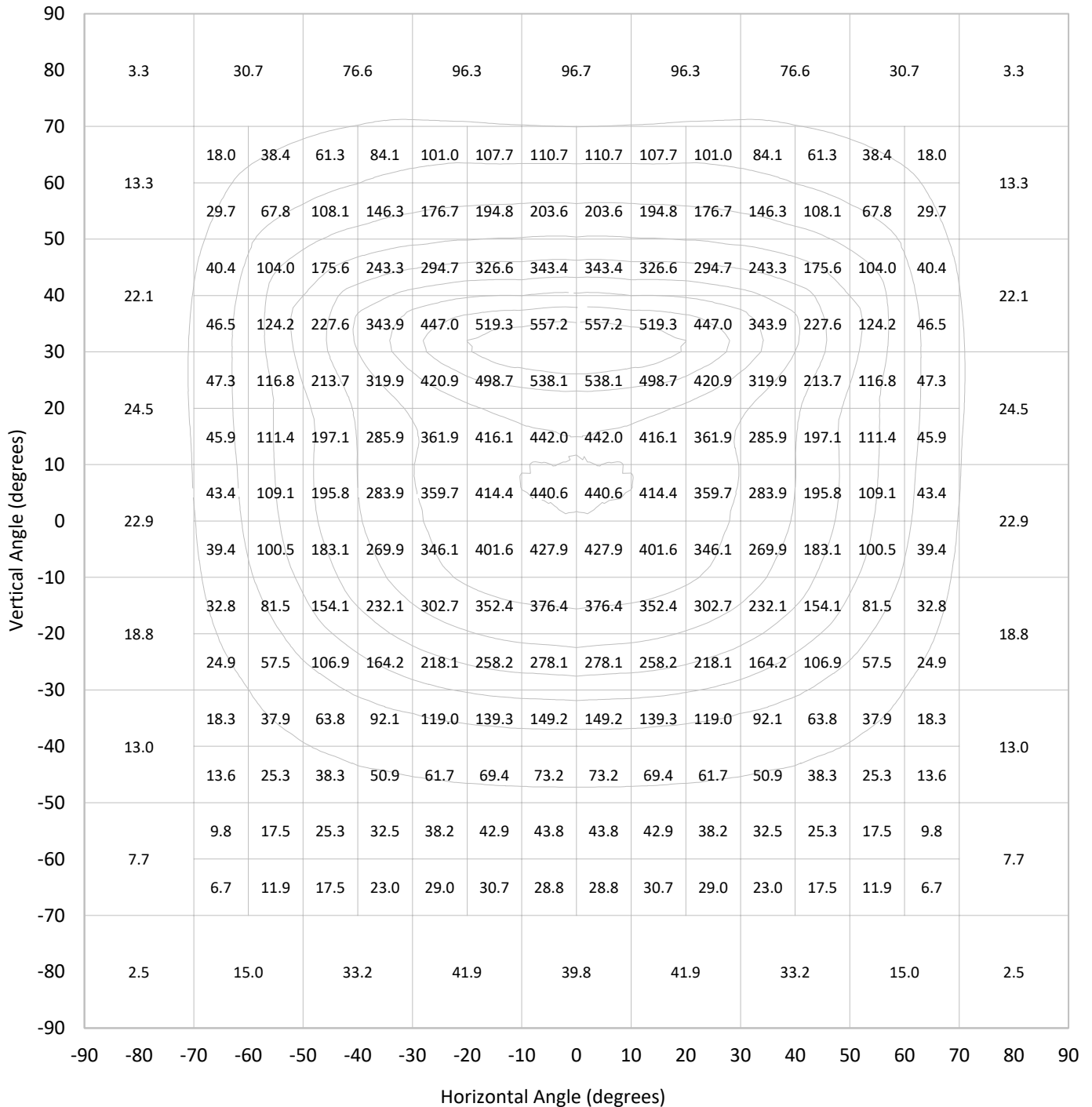
Iso-Candela Plot





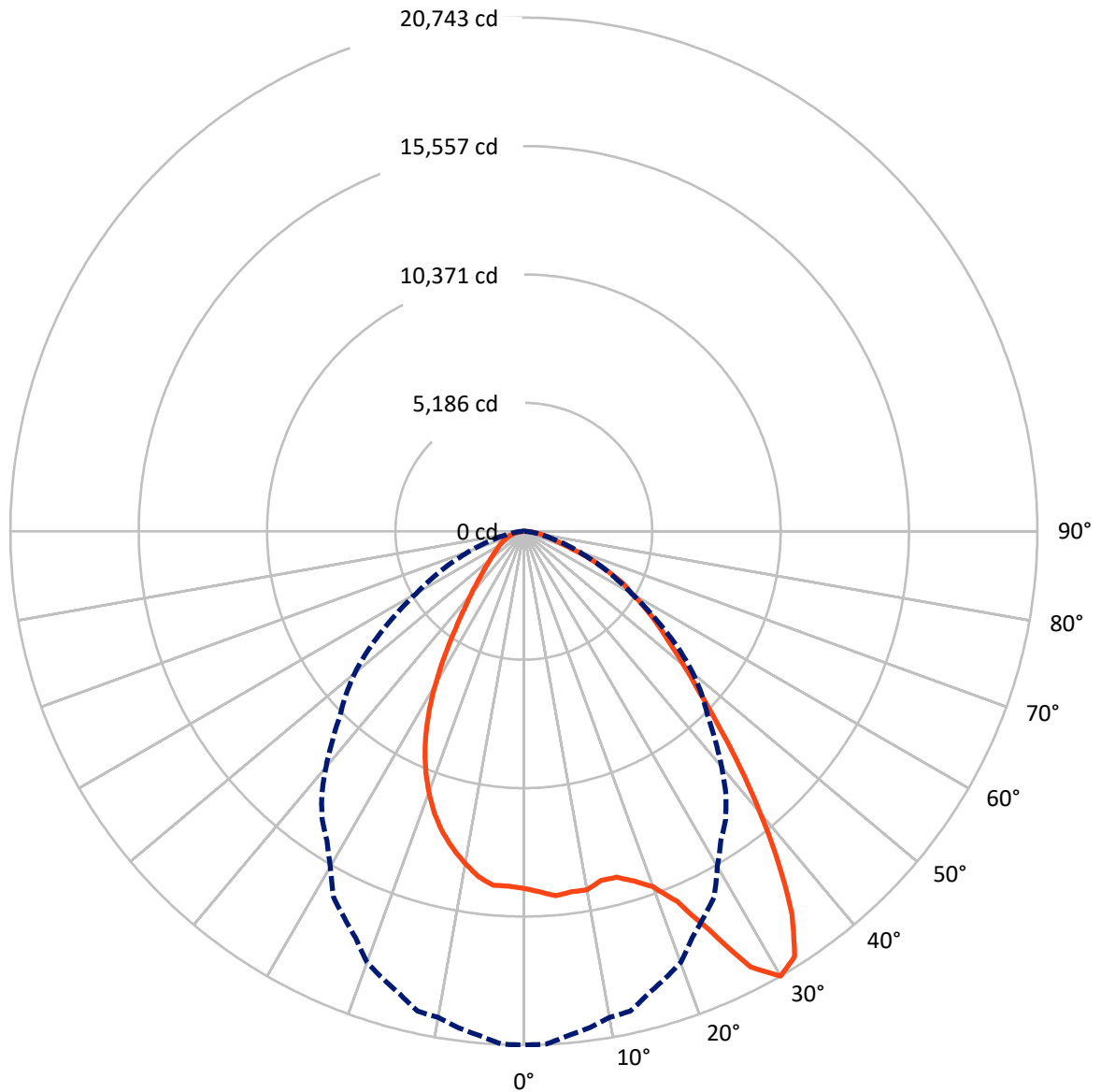
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Lumen Table



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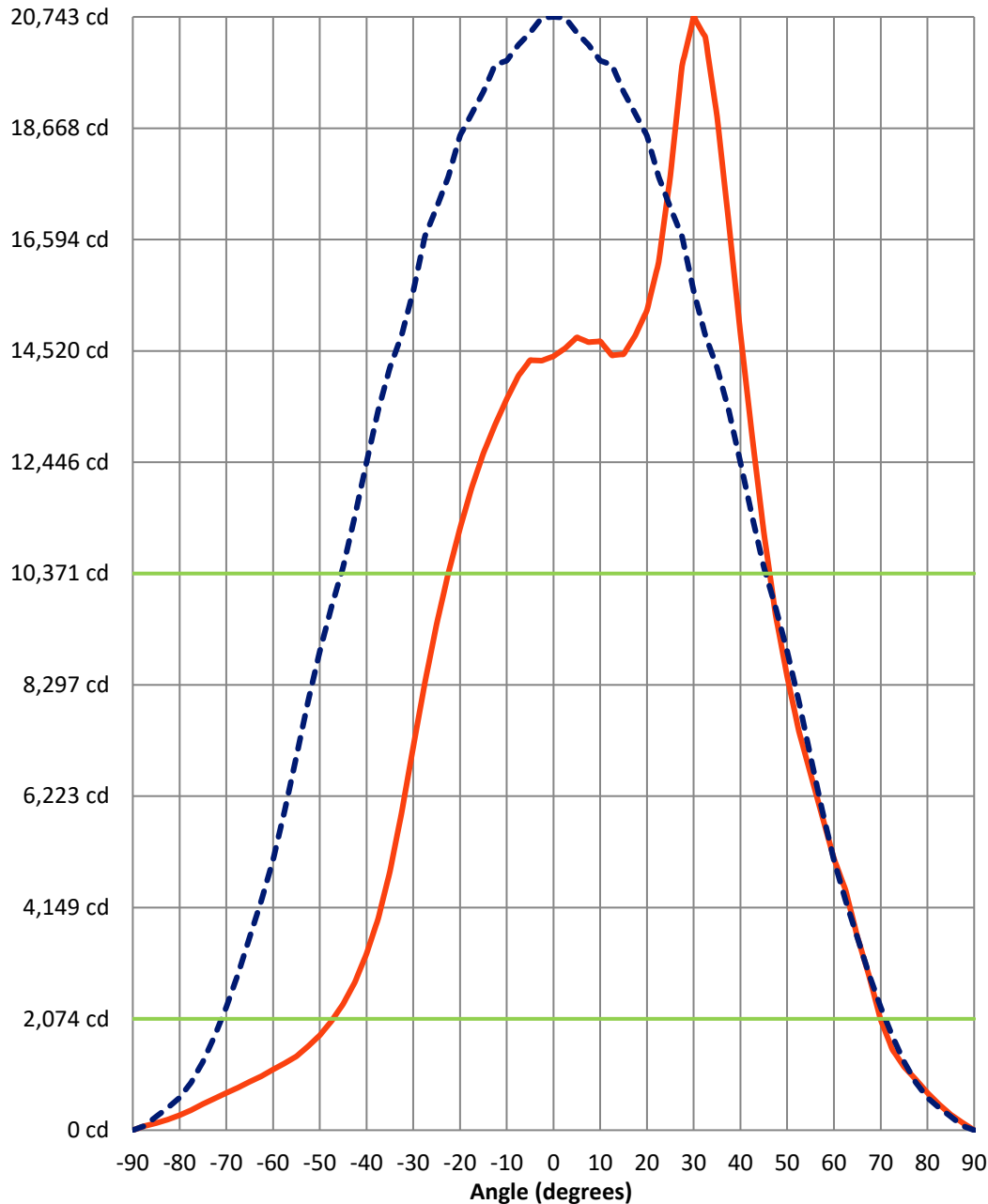
Luminous Intensity Polar Plot



— 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: 20134.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 32447.7
 Efficiency: 93.7%

Spill:
 Lumens: 2176.9
 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°	139.4	143.1	146.7	146.7	143.1	143.1	143.1	139.4	143.1	143.1	143.1
85°	289.8	297.1	304.4	300.8	297.1	289.8	282.4	286.1	289.8	293.4	293.4
82.5°	480.5	491.5	498.8	495.2	487.8	480.5	473.2	476.8	484.2	487.8	487.8
80°	696.9	700.6	704.3	711.6	700.6	700.6	696.9	711.6	718.9	726.3	733.6
77.5°	946.3	950.0	950.0	953.7	957.3	961.0	961.0	986.7	1005.0	1016.0	1027.0
75°	1181.1	1192.1	1203.1	1214.1	1228.8	1236.1	1247.1	1283.8	1313.1	1335.2	1357.2
72.5°	1503.9	1518.6	1536.9	1562.6	1588.2	1606.6	1632.3	1676.3	1709.3	1731.3	1757.0
70°	2057.8	2072.4	2090.8	2109.1	2134.8	2153.1	2178.8	2233.8	2266.8	2281.5	2296.2
67.5°	2879.4	2916.1	2949.1	2912.4	2894.1	2868.4	2875.7	2927.1	2960.1	2982.1	2978.4
65°	3609.3	3635.0	3635.0	3631.3	3616.7	3583.6	3602.0	3664.3	3701.0	3719.4	3664.3
62.5°	4467.6	4467.6	4449.3	4478.6	4482.3	4460.3	4449.3	4453.0	4456.6	4467.6	4375.9
60°	5061.8	5098.5	5109.5	5135.2	5142.5	5142.5	5160.9	5175.6	5175.6	5153.5	5047.2
57.5°	5846.8	5916.5	5931.2	5912.8	5876.1	5828.5	5821.1	5799.1	5755.1	5711.1	5659.7
55°	6639.1	6675.8	6672.1	6661.1	6624.4	6569.4	6576.7	6547.4	6477.7	6422.7	6353.0
52.5°	7435.0	7523.1	7537.8	7515.7	7464.4	7405.7	7409.4	7376.4	7306.7	7248.0	7152.6
50°	8451.1	8524.4	8517.1	8480.4	8407.1	8363.1	8366.7	8304.4	8223.7	8205.3	8080.6
47.5°	9613.8	9698.2	9683.5	9632.2	9533.1	9514.8	9533.1	9452.4	9404.8	9364.4	9217.7
45°	11139.7	11238.8	11183.7	11084.7	10927.0	10945.3	10971.0	10956.3	10853.6	10747.3	10560.2
42.5°	12929.7	12992.1	12926.0	12827.0	12628.9	12665.6	12650.9	12562.9	12500.6	12324.5	12086.1
40°	14844.4	14980.1	14877.4	14723.4	14518.0	14573.0	14532.6	14418.9	14272.2	14052.1	13751.4
37.5°	16909.5	17015.9	16898.5	16718.8	16535.4	16517.0	16436.3	16260.3	16051.2	15809.1	15328.6
35°	18886.6	19161.7	18945.2	18659.1	18435.4	18351.0	18274.0	17866.9	17628.4	17236.0	16579.4
32.5°	20357.4	20559.2	20291.4	19994.3	19722.9	19605.5	19334.1	18849.9	18721.5	17896.2	17294.6
30°	20742.6	20727.9	20449.1	20221.7	19928.3	19847.6	19348.7	18937.9	18527.1	17764.1	17191.9
27.5°	19825.6	19733.9	19466.1	19268.0	18978.3	18882.9	18391.4	18171.3	17536.7	16891.2	16407.0
25°	17782.5	17830.2	17628.4	17529.4	17338.7	17133.3	16938.8	16641.7	16245.6	15680.7	15236.9
22.5°	16172.2	16234.6	16150.2	16032.9	15886.1	15772.4	15625.7	15394.6	15013.1	14664.7	14246.5
20°	15277.2	15258.9	15185.5	15097.5	14958.1	14877.4	14716.0	14521.6	14228.2	13927.4	13476.3
17.5°	14807.7	14694.0	14624.3	14591.3	14518.0	14415.3	14224.5	14026.5	13799.0	13457.9	13127.8
15°	14459.3	14477.6	14422.6	14396.9	14338.2	14195.2	14000.8	13839.4	13531.3	13358.9	13058.1
12.5°	14437.3	14418.9	14422.6	14411.6	14338.2	14154.8	14055.8	13850.4	13652.3	13424.9	13080.1
10°	14697.7	14503.3	14518.0	14569.3	14451.9	14305.2	14198.8	13975.1	13788.0	13498.3	13157.1
7.5°	14683.0	14584.0	14613.3	14529.0	14565.6	14385.9	14239.2	14015.4	13780.7	13472.6	13164.5
5°	14771.1	14620.7	14595.0	14602.3	14510.6	14374.9	14176.8	13964.1	13744.0	13399.2	13083.8
2.5°	14569.3	14591.3	14473.9	14429.9	14418.9	14191.5	14008.1	13802.7	13575.3	13270.8	12988.4
0°	14418.9	14459.3	14338.2	14275.9	14272.2	14077.8	13960.4	13725.7	13564.3	13311.2	12970.1
-2.5°	14338.2	14385.9	14400.6	14286.9	14176.8	14026.5	13828.4	13575.3	13311.2	13017.8	12724.3
-5°	14345.6	14250.2	14209.9	14246.5	14151.2	14000.8	13780.7	13556.9	13296.5	12981.1	12614.3
-7.5°	14055.8	13960.4	13953.1	13934.8	13912.7	13769.7	13586.3	13344.2	13080.1	12786.7	12445.5
-10°	13623.0	13553.3	13534.9	13516.6	13457.9	13373.5	13201.2	12981.1	12742.6	12449.2	12086.1
-12.5°	13142.5	13109.5	13039.8	12992.1	12933.4	12834.3	12669.3	12467.5	12229.1	11968.7	11656.9
-15°	12610.6	12548.2	12478.6	12438.2	12353.8	12236.5	12071.4	11884.3	11623.9	11367.1	11073.7
-17.5°	11968.7	11891.7	11814.6	11803.6	11745.0	11565.2	11411.2	11183.7	10956.3	10710.6	10424.5
-20°	11213.1	11106.7	11055.4	11026.0	10945.3	10813.3	10648.2	10439.1	10219.1	9984.3	9654.2



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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°	10376.8	10285.1	10197.1	10142.0	10072.3	9969.6	9811.9	9628.5	9412.1	9148.0	8843.6
-25°	9426.8	9298.4	9243.4	9181.0	9144.3	9049.0	8894.9	8726.2	8502.4	8245.7	7955.9
-27.5°	8341.0	8238.3	8209.0	8121.0	8076.9	7977.9	7849.5	7691.8	7486.4	7244.3	7005.9
-30°	7141.6	7079.2	7031.6	6943.5	6910.5	6804.1	6719.8	6587.7	6400.7	6228.3	6037.5
-32.5°	5909.2	5846.8	5832.1	5791.8	5769.8	5700.1	5604.7	5509.3	5359.0	5230.6	5076.5
-35°	4816.1	4772.1	4775.7	4772.1	4750.1	4698.7	4581.3	4555.7	4445.6	4328.2	4229.2
-37.5°	3943.1	3946.8	3943.1	3939.4	3910.1	3888.1	3803.7	3770.7	3704.7	3591.0	3532.3
-40°	3286.5	3293.9	3290.2	3282.9	3249.9	3238.8	3183.8	3139.8	3114.1	3033.4	2971.1
-42.5°	2754.7	2765.7	2762.0	2758.3	2736.3	2732.7	2703.3	2652.0	2637.3	2589.6	2523.6
-45°	2351.2	2347.5	2340.2	2347.5	2336.5	2325.5	2307.2	2274.2	2255.8	2233.8	2178.8
-47.5°	2032.1	2035.7	2028.4	2028.4	2013.7	2002.7	1995.4	1973.4	1958.7	1940.4	1907.4
-50°	1768.0	1782.7	1779.0	1775.3	1764.3	1757.0	1757.0	1735.0	1713.0	1705.6	1683.6
-52.5°	1562.6	1573.6	1577.2	1584.6	1588.2	1591.9	1580.9	1558.9	1522.2	1518.6	1507.6
-55°	1375.5	1408.5	1430.5	1445.2	1459.9	1470.9	1448.9	1419.5	1382.8	1368.2	1364.5
-57.5°	1247.1	1280.1	1305.8	1327.8	1346.2	1364.5	1342.5	1313.1	1280.1	1261.8	1258.1
-60°	1129.7	1159.1	1184.8	1214.1	1239.8	1269.1	1258.1	1236.1	1217.8	1203.1	1188.4
-62.5°	1005.0	1034.4	1063.7	1100.4	1133.4	1162.8	1166.4	1162.8	1159.1	1162.8	1137.1
-65°	902.3	917.0	935.3	975.7	1012.4	1045.4	1063.7	1074.7	1093.1	1111.4	1085.7
-67.5°	792.3	810.6	832.6	862.0	891.3	913.3	939.0	968.4	997.7	1027.0	1008.7
-70°	693.3	707.9	726.3	740.9	759.3	773.9	796.0	829.0	862.0	891.3	884.0
-72.5°	590.5	605.2	616.2	623.6	634.6	641.9	652.9	682.2	704.3	718.9	718.9
-75°	487.8	502.5	513.5	517.2	524.5	528.2	535.5	546.5	557.5	561.2	564.9
-77.5°	374.1	388.8	399.8	407.1	414.5	421.8	425.5	432.8	436.5	436.5	440.2
-80°	278.8	289.8	297.1	308.1	311.8	319.1	326.5	330.1	333.8	333.8	337.5
-82.5°	198.1	205.4	212.7	220.1	227.4	231.1	238.4	242.1	245.8	249.4	253.1
-85°	132.0	139.4	146.7	154.1	157.7	161.4	165.1	168.7	172.4	176.1	179.7
-87.5°	77.0	80.7	84.4	91.7	95.4	102.7	106.4	102.7	106.4	106.4	106.4
-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°	143.1	143.1	143.1	143.1	139.4	132.0	128.4	121.0	113.7	106.4	99.0
85°	297.1	300.8	300.8	300.8	293.4	289.8	278.8	267.8	253.1	231.1	212.7
82.5°	495.2	498.8	498.8	495.2	487.8	476.8	462.2	443.8	414.5	385.1	359.5
80°	744.6	748.3	748.3	744.6	726.3	707.9	689.6	667.6	630.9	590.5	546.5
77.5°	1041.7	1049.0	1049.0	1038.0	1012.4	990.4	961.0	924.3	869.3	810.6	751.9
75°	1386.5	1404.8	1408.5	1397.5	1364.5	1324.1	1276.5	1214.1	1129.7	1056.4	986.7
72.5°	1786.3	1804.7	1819.3	1804.7	1757.0	1702.0	1632.3	1558.9	1474.5	1375.5	1258.1
70°	2310.8	2329.2	2340.2	2292.5	2208.1	2116.4	2032.1	1947.7	1848.7	1727.6	1599.3
67.5°	2971.1	2952.7	2930.7	2835.4	2729.0	2619.0	2501.6	2376.9	2248.5	2120.1	1969.7
65°	3605.6	3554.3	3506.6	3392.9	3257.2	3114.1	2978.4	2839.0	2685.0	2523.6	2380.5
62.5°	4273.2	4163.2	4045.8	3906.4	3767.0	3609.3	3473.6	3308.5	3136.1	2938.1	2754.7
60°	4929.8	4797.8	4680.4	4508.0	4324.6	4111.8	3965.1	3803.7	3602.0	3389.2	3172.8
57.5°	5564.4	5421.3	5292.9	5142.5	4944.5	4713.4	4552.0	4342.9	4130.2	3862.4	3642.3
55°	6239.3	6096.2	5993.5	5824.8	5608.4	5395.6	5219.6	4999.5	4702.4	4416.3	4144.8
52.5°	7013.2	6899.5	6789.5	6617.1	6356.7	6140.2	5945.8	5700.1	5388.3	5036.2	4709.7
50°	7878.9	7820.2	7702.8	7501.1	7204.0	7013.2	6756.5	6430.0	6096.2	5725.8	5318.6
47.5°	9027.0	8931.6	8766.5	8546.5	8297.0	8010.9	7666.1	7284.7	6811.5	6400.7	5967.8
45°	10398.8	10222.7	10010.0	9712.9	9404.8	9082.0	8704.2	8220.0	7585.4	7049.9	6595.1
42.5°	11884.3	11645.9	11356.1	10967.3	10567.5	10171.4	9764.2	9104.0	8311.7	7695.5	7182.0
40°	13435.9	13131.5	12768.3	12203.5	11759.6	11249.8	10783.9	9797.2	8953.6	8286.0	7739.5
37.5°	14954.5	14569.3	13960.4	13274.5	12757.3	12339.2	11315.8	10259.4	9503.8	8770.2	8216.3
35°	16117.2	15790.8	14716.0	14004.4	13560.6	12900.4	11620.2	10538.2	9738.6	9129.7	8267.7
32.5°	16806.8	15963.2	15020.5	14301.6	13934.8	12852.7	11642.2	10618.9	9848.6	9166.3	8135.6
30°	16652.7	15633.0	14807.7	14206.2	13410.2	12438.2	11436.8	10494.2	9745.9	8920.6	7988.9
27.5°	15724.7	14936.1	14198.8	13571.6	12790.3	11917.3	10993.0	10164.0	9467.1	8667.5	7787.2
25°	14675.7	13960.4	13413.9	12867.4	12126.4	11293.8	10479.5	9881.6	9181.0	8392.4	7523.1
22.5°	13711.0	13197.5	12768.3	12196.1	11473.5	10747.3	10241.1	9621.2	8902.2	8102.6	7251.6
20°	13094.8	12746.3	12254.8	11623.9	11055.4	10600.5	10039.3	9382.8	8641.8	7805.5	7020.6
17.5°	12797.7	12394.2	11847.7	11436.8	11000.3	10501.5	9874.3	9177.3	8388.7	7669.8	7046.2
15°	12643.6	12218.1	11858.7	11455.2	10963.7	10439.1	9742.2	9019.6	8388.7	7724.8	7064.6
12.5°	12676.6	12309.8	11917.3	11477.2	10949.0	10387.8	9756.9	9085.6	8432.7	7765.2	7068.2
10°	12779.3	12394.2	11976.0	11488.2	10956.3	10402.5	9797.2	9126.0	8454.8	7783.5	7060.9
7.5°	12816.0	12397.9	11950.4	11458.8	10938.0	10395.1	9804.6	9137.0	8458.4	7779.8	7038.9
5°	12702.3	12324.5	11891.7	11396.5	10886.6	10358.4	9775.2	9122.3	8429.1	7743.2	6983.9
2.5°	12548.2	12243.8	11829.3	11352.5	10835.3	10307.1	9727.5	9056.3	8363.1	7677.1	6914.2
0°	12522.6	12144.8	11726.6	11301.1	10750.9	10193.4	9617.5	8931.6	8242.0	7552.4	6793.1
-2.5°	12353.8	11954.0	11535.9	11073.7	10589.5	10028.3	9423.1	8751.9	8069.6	7391.0	6661.1
-5°	12225.5	11781.6	11337.8	10839.0	10351.1	9789.9	9162.7	8509.8	7842.2	7182.0	6477.7
-7.5°	12053.1	11598.2	11132.4	10611.5	10083.3	9511.1	8891.2	8238.3	7581.8	6925.2	6250.3
-10°	11704.6	11304.8	10868.3	10329.1	9771.6	9199.4	8583.1	7941.2	7284.7	6620.7	5942.2
-12.5°	11282.8	10861.0	10384.1	9888.9	9390.1	8858.2	8242.0	7611.1	6950.9	6283.3	5608.4
-15°	10736.3	10321.8	9833.9	9349.7	8869.2	8359.4	7816.5	7248.0	6576.7	5920.2	5245.2
-17.5°	10054.0	9665.2	9228.7	8766.5	8289.7	7776.2	7248.0	6767.5	6140.2	5524.0	4856.4
-20°	9320.4	8957.3	8564.8	8128.3	7651.5	7148.9	6650.1	6147.6	5604.7	5061.8	4442.0



REPORT NUMBER: P722263
 CATALOG NUMBER: IFLD-S-SA6E-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°	8557.5	8190.7	7794.5	7387.4	6947.2	6481.4	6019.2	5538.7	5061.8	4570.3	4045.8
-25°	7677.1	7354.4	6991.2	6595.1	6202.6	5795.4	5355.3	4918.8	4511.6	4086.2	3657.0
-27.5°	6756.5	6459.4	6129.2	5784.4	5447.0	5105.9	4724.4	4320.9	3983.5	3631.3	3275.5
-30°	5788.1	5549.7	5281.9	4981.2	4720.7	4445.6	4126.5	3792.7	3484.6	3216.8	2930.7
-32.5°	4871.1	4669.4	4478.6	4280.6	4023.8	3811.1	3591.0	3345.2	3073.8	2820.7	2615.3
-35°	4082.5	3866.1	3785.4	3638.7	3455.3	3268.2	3106.8	2930.7	2725.3	2501.6	2332.9
-37.5°	3418.6	3290.2	3176.5	3095.8	2974.8	2824.4	2696.0	2567.6	2409.9	2241.2	2072.4
-40°	2901.4	2813.4	2688.6	2648.3	2571.3	2468.6	2336.5	2237.5	2131.1	2002.7	1859.7
-42.5°	2486.9	2420.9	2340.2	2270.5	2237.5	2164.1	2061.4	1966.1	1881.7	1793.7	1683.6
-45°	2145.8	2101.8	2050.4	1988.1	1962.4	1903.7	1830.3	1724.0	1676.3	1602.9	1522.2
-47.5°	1870.7	1848.7	1812.0	1771.6	1735.0	1691.0	1624.9	1558.9	1492.9	1445.2	1382.8
-50°	1654.3	1639.6	1617.6	1584.6	1536.9	1507.6	1463.5	1404.8	1342.5	1302.1	1258.1
-52.5°	1481.9	1467.2	1452.5	1426.9	1390.2	1360.8	1324.1	1276.5	1225.1	1184.8	1148.1
-55°	1349.8	1327.8	1316.8	1294.8	1265.5	1232.4	1199.4	1166.4	1122.4	1085.7	1049.0
-57.5°	1247.1	1217.8	1203.1	1184.8	1155.4	1122.4	1096.7	1063.7	1034.4	994.0	961.0
-60°	1166.4	1133.4	1104.1	1085.7	1060.1	1027.0	1001.4	975.7	946.3	913.3	873.0
-62.5°	1100.4	1060.1	1019.7	997.7	972.0	942.7	917.0	891.3	862.0	829.0	792.3
-65°	1038.0	990.4	939.0	917.0	891.3	862.0	829.0	810.6	785.0	755.6	718.9
-67.5°	961.0	909.7	865.6	840.0	814.3	788.6	759.3	740.9	715.3	678.6	641.9
-70°	847.3	814.3	785.0	762.9	740.9	718.9	689.6	660.2	630.9	597.9	564.9
-72.5°	704.3	693.3	689.6	678.6	652.9	627.2	597.9	568.5	542.9	517.2	491.5
-75°	568.5	575.9	583.2	579.5	553.9	528.2	502.5	476.8	458.5	436.5	414.5
-77.5°	451.2	458.5	465.8	465.8	447.5	432.8	414.5	396.1	381.5	363.1	341.1
-80°	348.5	359.5	370.5	377.8	363.1	352.1	337.5	322.8	308.1	293.4	278.8
-82.5°	264.1	275.1	286.1	293.4	282.4	275.1	264.1	253.1	242.1	227.4	216.4
-85°	190.7	198.1	205.4	209.1	201.7	194.4	187.1	179.7	172.4	161.4	154.1
-87.5°	110.0	113.7	117.4	121.0	113.7	106.4	102.7	95.4	91.7	84.4	80.7
-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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 CATALOG NUMBER: IFLD-S-SA6E-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°	91.7	84.4	77.0	73.4	66.0	55.0	47.7	40.3	33.0	25.7	22.0
85°	194.4	176.1	154.1	143.1	128.4	113.7	99.0	84.4	69.7	55.0	40.3
82.5°	333.8	311.8	289.8	264.1	231.1	190.7	150.4	124.7	102.7	80.7	62.4
80°	502.5	462.2	425.5	392.5	355.8	304.4	249.4	198.1	139.4	106.4	80.7
77.5°	696.9	649.2	597.9	542.9	484.2	414.5	352.1	286.1	216.4	146.7	102.7
75°	917.0	854.6	785.0	707.9	630.9	539.2	451.2	374.1	293.4	205.4	124.7
72.5°	1162.8	1085.7	1001.4	898.7	777.6	671.2	564.9	462.2	366.8	260.4	168.7
70°	1478.2	1357.2	1232.4	1122.4	968.4	799.6	674.9	557.5	436.5	319.1	212.7
67.5°	1815.7	1668.9	1518.6	1357.2	1162.8	964.7	785.0	652.9	509.9	374.1	253.1
65°	2182.5	1999.1	1808.3	1628.6	1360.8	1126.1	924.3	744.6	579.5	425.5	293.4
62.5°	2560.3	2343.9	2123.8	1889.0	1580.9	1291.1	1056.4	847.3	645.6	473.2	330.1
60°	2963.7	2710.7	2442.9	2149.5	1790.0	1470.9	1181.1	953.7	715.3	520.9	370.5
57.5°	3389.2	3114.1	2798.7	2402.5	2006.4	1643.3	1324.1	1049.0	777.6	564.9	399.8
55°	3851.4	3536.0	3191.2	2666.6	2219.1	1815.7	1467.2	1144.4	843.6	601.6	429.2
52.5°	4350.3	3983.5	3547.0	2945.4	2442.9	1991.7	1599.3	1228.8	906.0	641.9	454.8
50°	4907.8	4445.6	3858.7	3202.2	2637.3	2156.8	1731.3	1320.5	957.3	685.9	476.8
47.5°	5487.3	4988.5	4137.5	3440.6	2835.4	2318.2	1867.0	1401.2	1008.7	722.6	498.8
45°	6092.6	5366.3	4427.3	3653.3	3007.8	2464.9	1969.7	1474.5	1071.1	755.6	517.2
42.5°	6690.4	5652.4	4680.4	3866.1	3169.2	2596.9	2054.1	1544.2	1122.4	788.6	535.5
40°	6972.9	5868.8	4882.1	4012.8	3304.9	2714.3	2127.4	1606.6	1166.4	810.6	553.9
37.5°	7090.3	6000.9	5014.2	4152.2	3411.2	2776.7	2189.8	1661.6	1203.1	832.6	568.5
35°	7115.9	6048.5	5080.2	4247.5	3499.3	2835.4	2237.5	1702.0	1232.4	854.6	583.2
32.5°	7068.2	6033.9	5098.5	4280.6	3554.3	2879.4	2270.5	1731.3	1254.5	876.7	597.9
30°	6961.9	5956.8	5032.5	4276.9	3594.6	2905.1	2292.5	1753.3	1276.5	891.3	605.2
27.5°	6789.5	5821.1	4948.1	4280.6	3616.7	2916.1	2303.5	1764.3	1291.1	902.3	619.9
25°	6576.7	5637.7	4951.8	4273.2	3620.3	2919.7	2303.5	1764.3	1294.8	906.0	630.9
22.5°	6331.0	5637.7	4951.8	4262.2	3598.3	2912.4	2292.5	1757.0	1294.8	913.3	641.9
20°	6345.6	5641.4	4940.8	4240.2	3565.3	2890.4	2266.8	1738.6	1283.8	924.3	649.2
17.5°	6356.7	5634.1	4918.8	4210.9	3521.3	2853.7	2233.8	1713.0	1283.8	935.3	652.9
15°	6356.7	5612.0	4885.8	4166.9	3466.3	2802.4	2186.1	1691.0	1287.5	939.0	660.2
12.5°	6345.6	5571.7	4834.4	4108.2	3400.2	2740.0	2156.8	1683.6	1287.5	942.7	660.2
10°	6323.6	5516.7	4768.4	4034.8	3337.9	2718.0	2142.1	1668.9	1280.1	942.7	660.2
7.5°	6283.3	5450.7	4713.4	3990.8	3301.2	2692.3	2120.1	1646.9	1269.1	935.3	667.6
5°	6220.9	5414.0	4669.4	3939.4	3249.9	2674.0	2105.4	1628.6	1261.8	935.3	660.2
2.5°	6140.2	5370.0	4618.0	3873.4	3191.2	2611.6	2057.8	1588.2	1236.1	920.7	652.9
0°	6008.2	5281.9	4530.0	3781.7	3110.5	2549.3	2010.1	1547.9	1210.4	906.0	645.6
-2.5°	5887.1	5164.6	4416.3	3686.3	3033.4	2494.2	1973.4	1525.9	1199.4	902.3	641.9
-5°	5718.4	5003.2	4265.9	3561.6	2930.7	2439.2	1936.7	1500.2	1188.4	895.0	641.9
-7.5°	5531.4	4834.4	4108.2	3433.3	2828.0	2343.9	1867.0	1459.9	1162.8	880.3	638.2
-10°	5241.6	4581.3	3910.1	3286.5	2718.0	2259.5	1808.3	1423.2	1140.7	865.6	623.6
-12.5°	4933.5	4302.6	3682.7	3106.8	2593.3	2171.5	1742.3	1382.8	1115.1	851.0	616.2
-15°	4607.0	4016.5	3444.3	2919.7	2457.6	2065.1	1672.6	1338.8	1089.4	832.6	605.2
-17.5°	4265.9	3715.7	3198.5	2729.0	2321.8	1955.0	1599.3	1298.5	1060.1	814.3	594.2
-20°	3906.4	3407.6	2949.1	2534.6	2178.8	1845.0	1522.2	1250.8	1027.0	792.3	579.5



REPORT NUMBER: P722263

CATALOG NUMBER: IFLD-S-SA6E-930-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3550.6	3103.1	2692.3	2343.9	2032.1	1731.3	1445.2	1203.1	990.4	766.6	568.5
-25°	3235.2	2817.0	2464.9	2160.5	1889.0	1621.3	1364.5	1155.4	950.0	740.9	553.9
-27.5°	2927.1	2571.3	2241.2	1988.1	1749.6	1514.9	1287.5	1104.1	909.7	711.6	539.2
-30°	2641.0	2336.5	2065.1	1819.3	1617.6	1419.5	1221.4	1052.7	865.6	682.2	520.9
-32.5°	2380.5	2134.8	1907.4	1672.6	1492.9	1324.1	1159.1	1001.4	821.6	652.9	502.5
-35°	2138.4	1947.7	1749.6	1551.6	1368.2	1236.1	1093.1	946.3	781.3	619.9	484.2
-37.5°	1922.0	1768.0	1610.3	1441.5	1283.8	1151.8	1030.7	891.3	740.9	590.5	465.8
-40°	1735.0	1610.3	1470.9	1335.2	1203.1	1078.4	968.4	836.3	700.6	568.5	447.5
-42.5°	1562.6	1467.2	1353.5	1239.8	1122.4	1012.4	906.0	777.6	660.2	542.9	429.2
-45°	1430.5	1335.2	1243.5	1140.7	1041.7	946.3	840.0	726.3	623.6	513.5	410.8
-47.5°	1305.8	1221.4	1137.1	1052.7	972.0	884.0	777.6	682.2	583.2	487.8	396.1
-50°	1195.8	1115.1	1041.7	968.4	898.7	814.3	715.3	638.2	550.2	462.2	377.8
-52.5°	1093.1	1023.4	950.0	891.3	832.6	748.3	667.6	594.2	517.2	432.8	359.5
-55°	1001.4	935.3	869.3	814.3	759.3	685.9	619.9	557.5	484.2	410.8	341.1
-57.5°	913.3	858.3	796.0	744.6	689.6	630.9	575.9	517.2	451.2	388.8	322.8
-60°	832.6	781.3	726.3	674.9	627.2	579.5	528.2	480.5	421.8	363.1	304.4
-62.5°	751.9	707.9	660.2	608.9	572.2	528.2	487.8	440.2	392.5	341.1	271.4
-65°	678.6	638.2	594.2	550.2	517.2	484.2	447.5	403.5	363.1	315.4	242.1
-67.5°	605.2	568.5	531.9	495.2	465.8	440.2	403.5	370.5	337.5	286.1	212.7
-70°	535.5	506.2	473.2	443.8	421.8	392.5	366.8	337.5	308.1	249.4	179.7
-72.5°	469.5	440.2	414.5	392.5	374.1	348.5	326.5	304.4	264.1	209.1	150.4
-75°	392.5	374.1	359.5	341.1	322.8	304.4	286.1	260.4	220.1	168.7	117.4
-77.5°	322.8	311.8	300.8	286.1	271.4	256.8	234.8	209.1	176.1	132.0	95.4
-80°	264.1	253.1	245.8	231.1	220.1	205.4	183.4	161.4	128.4	102.7	77.0
-82.5°	201.7	194.4	187.1	179.7	168.7	154.1	132.0	113.7	95.4	77.0	58.7
-85°	143.1	139.4	132.0	124.7	113.7	102.7	88.0	77.0	66.0	51.4	40.3
-87.5°	73.4	69.7	66.0	62.4	58.7	51.4	44.0	36.7	33.0	25.7	18.3
-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-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	14.7	11.0	3.7	0.0
85°	29.3	18.3	7.3	0.0
82.5°	44.0	29.3	11.0	0.0
80°	58.7	36.7	18.3	0.0
77.5°	73.4	44.0	22.0	0.0
75°	88.0	55.0	25.7	0.0
72.5°	99.0	62.4	29.3	0.0
70°	117.4	73.4	33.0	0.0
67.5°	146.7	80.7	36.7	0.0
65°	172.4	88.0	40.3	0.0
62.5°	201.7	95.4	44.0	0.0
60°	227.4	102.7	47.7	0.0
57.5°	253.1	121.0	51.4	0.0
55°	275.1	135.7	55.0	0.0
52.5°	300.8	150.4	58.7	0.0
50°	322.8	165.1	62.4	0.0
47.5°	341.1	179.7	62.4	0.0
45°	355.8	190.7	66.0	0.0
42.5°	366.8	201.7	69.7	0.0
40°	377.8	212.7	73.4	0.0
37.5°	388.8	223.7	73.4	0.0
35°	399.8	234.8	77.0	0.0
32.5°	410.8	245.8	77.0	0.0
30°	418.2	253.1	80.7	0.0
27.5°	429.2	260.4	80.7	0.0
25°	432.8	267.8	84.4	0.0
22.5°	440.2	271.4	84.4	0.0
20°	447.5	278.8	84.4	0.0
17.5°	451.2	282.4	88.0	0.0
15°	451.2	286.1	91.7	0.0
12.5°	454.8	289.8	91.7	0.0
10°	454.8	297.1	88.0	0.0
7.5°	462.2	293.4	88.0	0.0
5°	458.5	293.4	88.0	0.0
2.5°	454.8	289.8	88.0	0.0
0°	451.2	289.8	88.0	0.0
-2.5°	451.2	289.8	88.0	0.0
-5°	451.2	289.8	88.0	0.0
-7.5°	447.5	293.4	88.0	0.0
-10°	440.2	293.4	88.0	0.0
-12.5°	436.5	282.4	88.0	0.0
-15°	432.8	278.8	88.0	0.0
-17.5°	425.5	275.1	84.4	0.0
-20°	418.2	271.4	84.4	0.0



REPORT NUMBER: P722263
 CATALOG NUMBER: IFLD-S-SA6E-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	410.8	264.1	84.4	0.0
-25°	403.5	256.8	80.7	0.0
-27.5°	396.1	249.4	80.7	0.0
-30°	385.1	242.1	77.0	0.0
-32.5°	374.1	234.8	77.0	0.0
-35°	366.8	223.7	73.4	0.0
-37.5°	355.8	212.7	73.4	0.0
-40°	344.8	201.7	69.7	0.0
-42.5°	333.8	190.7	66.0	0.0
-45°	319.1	179.7	66.0	0.0
-47.5°	308.1	168.7	62.4	0.0
-50°	289.8	154.1	58.7	0.0
-52.5°	267.8	139.4	55.0	0.0
-55°	245.8	128.4	51.4	0.0
-57.5°	223.7	113.7	51.4	0.0
-60°	201.7	99.0	47.7	0.0
-62.5°	179.7	91.7	44.0	0.0
-65°	157.7	84.4	40.3	0.0
-67.5°	132.0	73.4	36.7	0.0
-70°	110.0	66.0	33.0	0.0
-72.5°	95.4	58.7	29.3	0.0
-75°	80.7	51.4	25.7	0.0
-77.5°	69.7	44.0	22.0	0.0
-80°	55.0	33.0	14.7	0.0
-82.5°	40.3	25.7	11.0	0.0
-85°	25.7	18.3	7.3	0.0
-87.5°	14.7	7.3	3.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)