

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: P722060

Luminaire Tested: **IFLD-S-SA6E-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722060
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

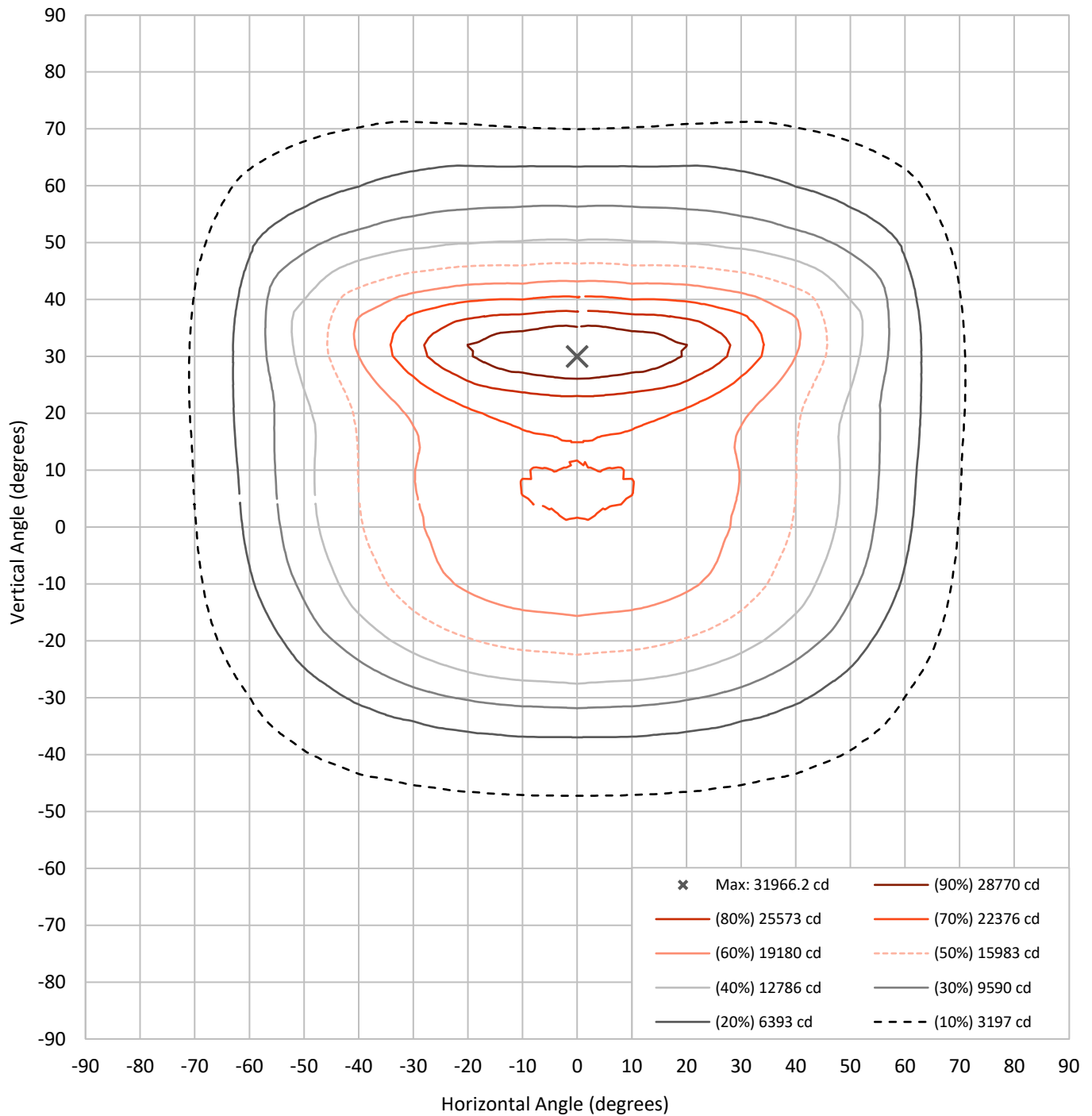
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	53359.7 lumens	Max Intensity:	31966.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	114.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	31029.3 lumens	Field Lumens:	50004.9 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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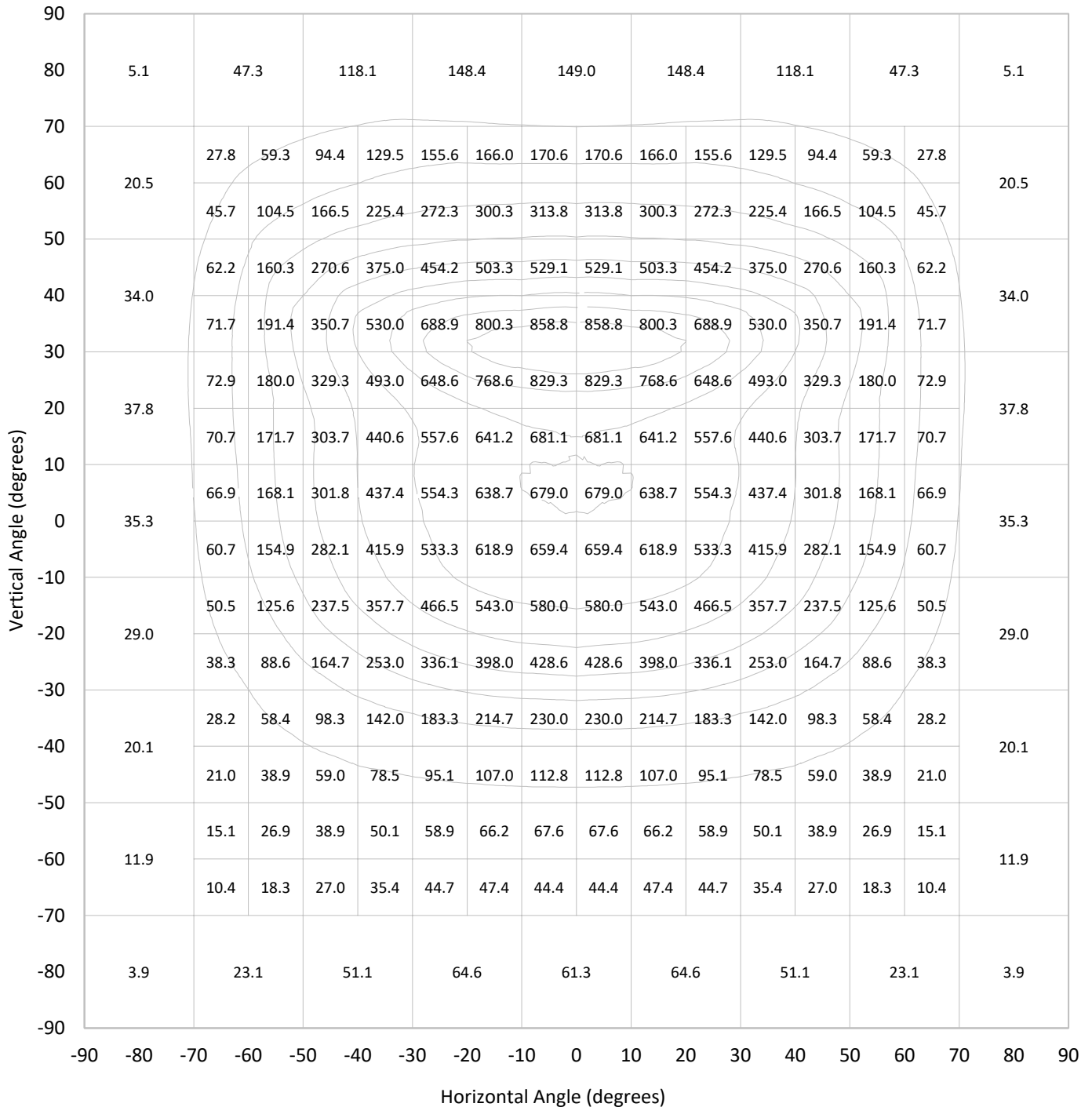
Iso-Candela Plot





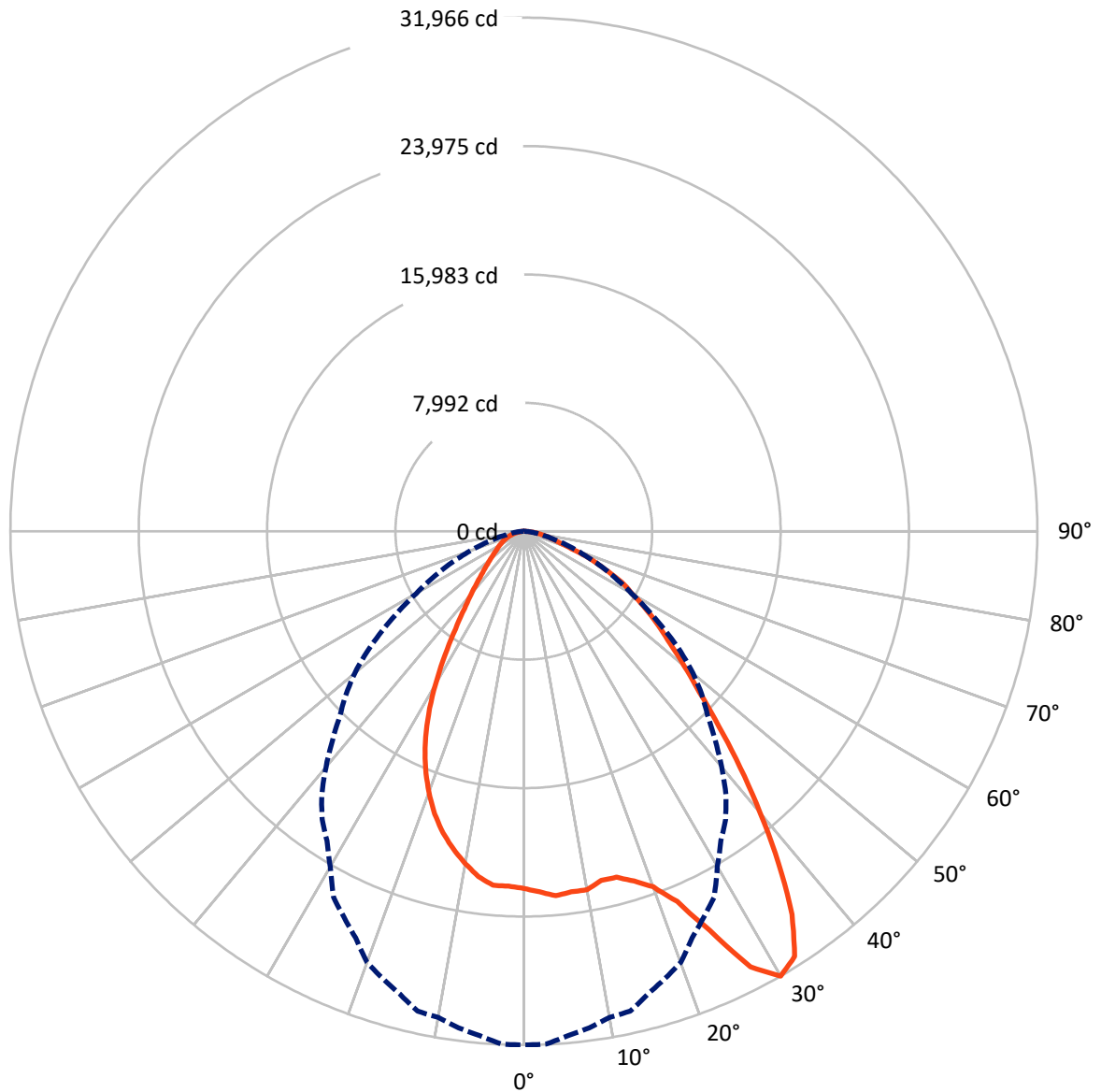
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Lumen Table



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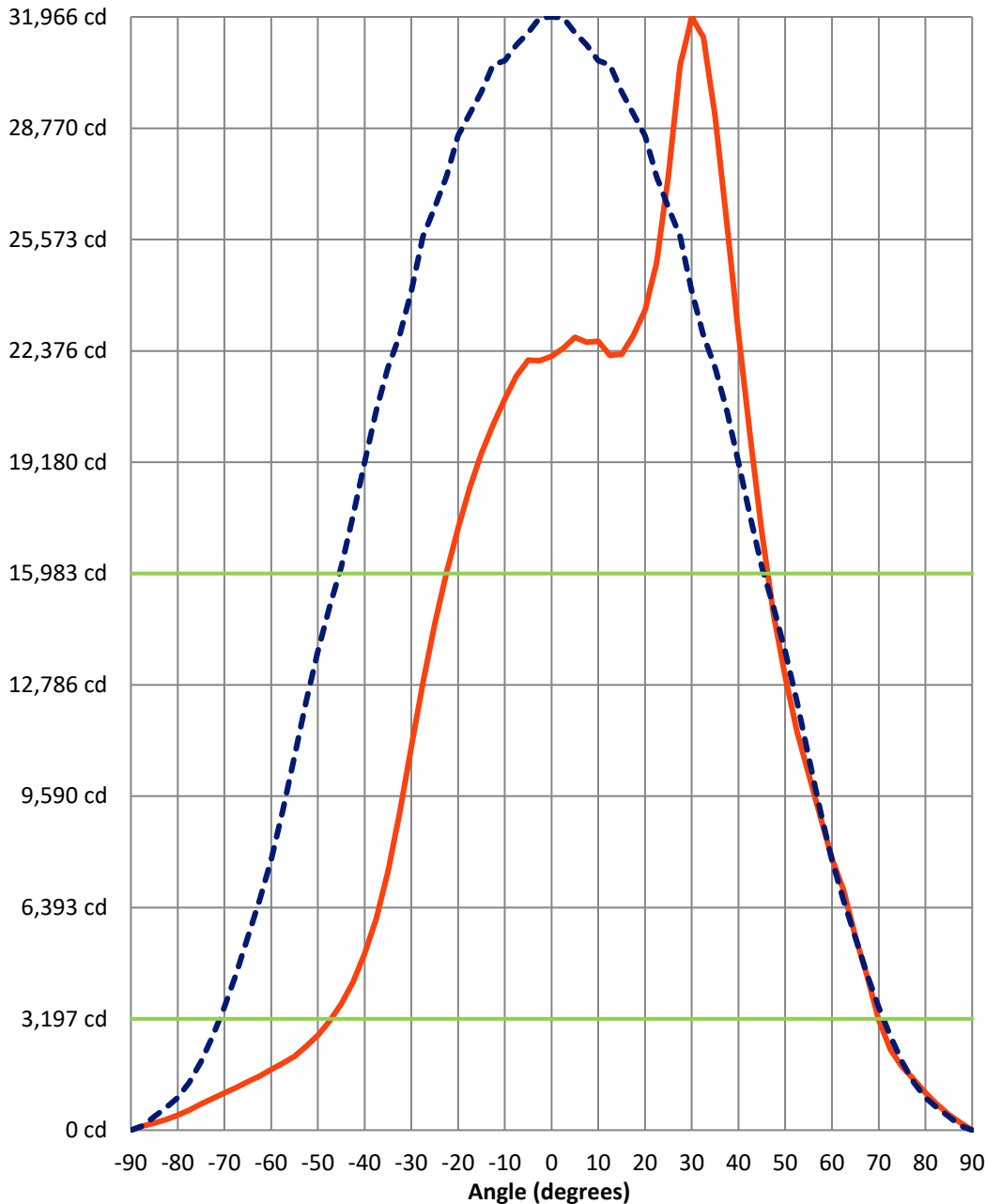
Luminous Intensity Polar Plot



— 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: 31029.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 50004.9
 Efficiency: 93.7%

Spill:
 Lumens: 3354.8
 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°	214.8	220.5	226.1	226.1	220.5	220.5	220.5	214.8	220.5	220.5	220.5
85°	446.6	457.9	469.2	463.5	457.9	446.6	435.3	440.9	446.6	452.2	452.2
82.5°	740.5	757.5	768.8	763.1	751.8	740.5	729.2	734.9	746.2	751.8	751.8
80°	1074.0	1079.7	1085.3	1096.6	1079.7	1079.7	1074.0	1096.6	1107.9	1119.2	1130.5
77.5°	1458.4	1464.1	1464.1	1469.7	1475.4	1481.0	1481.0	1520.6	1548.9	1565.8	1582.8
75°	1820.2	1837.1	1854.1	1871.1	1893.7	1905.0	1921.9	1978.5	2023.7	2057.6	2091.5
72.5°	2317.6	2340.2	2368.5	2408.1	2447.6	2475.9	2515.5	2583.3	2634.2	2668.1	2707.7
70°	3171.2	3193.8	3222.1	3250.3	3289.9	3318.2	3357.7	3442.5	3493.4	3516.0	3538.6
67.5°	4437.4	4493.9	4544.8	4488.3	4460.0	4420.4	4431.7	4510.9	4561.8	4595.7	4590.0
65°	5562.3	5601.9	5601.9	5596.2	5573.6	5522.7	5551.0	5647.1	5703.6	5731.9	5647.1
62.5°	6885.0	6885.0	6856.8	6902.0	6907.6	6873.7	6856.8	6862.4	6868.1	6885.0	6743.7
60°	7800.8	7857.3	7874.3	7913.8	7925.1	7925.1	7953.4	7976.0	7976.0	7942.1	7778.2
57.5°	9010.5	9117.9	9140.5	9112.2	9055.7	8982.2	8970.9	8937.0	8869.1	8801.3	8722.2
55°	10231.5	10288.0	10282.3	10265.4	10208.8	10124.1	10135.4	10090.1	9982.7	9897.9	9790.5
52.5°	11458.1	11593.8	11616.4	11582.5	11503.3	11412.9	11418.5	11367.7	11260.3	11169.8	11022.8
50°	13023.9	13137.0	13125.7	13069.1	12956.1	12888.2	12893.9	12797.8	12673.4	12645.2	12453.0
47.5°	14815.8	14945.8	14923.2	14844.1	14691.5	14663.2	14691.5	14567.1	14493.6	14431.4	14205.3
45°	17167.4	17320.0	17235.2	17082.6	16839.5	16867.8	16907.3	16884.7	16726.5	16562.5	16274.2
42.5°	19925.9	20022.0	19920.3	19767.6	19462.4	19518.9	19496.3	19360.6	19264.5	18993.2	18625.8
40°	22876.6	23085.8	22927.5	22690.1	22373.5	22458.3	22396.2	22220.9	21994.8	21655.6	21192.1
37.5°	26059.1	26223.1	26042.2	25765.2	25482.6	25454.3	25329.9	25058.6	24736.4	24363.3	23622.8
35°	29106.0	29529.9	29196.4	28755.5	28410.7	28280.7	28161.9	27534.5	27167.1	26562.2	25550.4
32.5°	31372.7	31683.6	31271.0	30813.1	30394.8	30213.9	29795.6	29049.4	28851.6	27579.7	26652.7
30°	31966.2	31943.6	31514.0	31163.6	30711.3	30587.0	29818.2	29185.1	28552.0	27376.2	26494.4
27.5°	30553.1	30411.7	29999.1	29693.8	29247.3	29100.3	28342.8	28003.7	27025.7	26030.9	25284.7
25°	27404.5	27478.0	27167.1	27014.4	26720.5	26403.9	26104.4	25646.5	25036.0	24165.5	23481.5
22.5°	24922.9	25019.0	24889.0	24708.1	24482.0	24306.8	24080.7	23724.5	23136.7	22599.7	21955.2
20°	23543.7	23515.4	23402.3	23266.7	23051.9	22927.5	22678.8	22379.2	21927.0	21463.5	20768.2
17.5°	22820.1	22644.9	22537.5	22486.6	22373.5	22215.3	21921.3	21616.1	21265.6	20739.9	20231.2
15°	22283.1	22311.4	22226.6	22187.0	22096.6	21876.1	21576.5	21327.8	20853.0	20587.3	20123.8
12.5°	22249.2	22220.9	22226.6	22209.6	22096.6	21813.9	21661.3	21344.7	21039.5	20689.0	20157.7
10°	22650.5	22350.9	22373.5	22452.7	22271.8	22045.7	21881.8	21536.9	21248.6	20802.1	20276.4
7.5°	22627.9	22475.3	22520.5	22390.5	22447.0	22170.0	21943.9	21599.1	21237.3	20762.5	20287.7
5°	22763.6	22531.8	22492.3	22503.6	22362.2	22153.1	21847.8	21520.0	21180.8	20649.5	20163.3
2.5°	22452.7	22486.6	22305.7	22237.9	22220.9	21870.4	21587.8	21271.3	20920.8	20451.6	20016.4
0°	22220.9	22283.1	22096.6	22000.5	21994.8	21695.2	21514.3	21152.6	20903.8	20513.8	19988.1
-2.5°	22096.6	22170.0	22192.7	22017.4	21847.8	21616.1	21310.8	20920.8	20513.8	20061.6	19609.4
-5°	22107.9	21960.9	21898.7	21955.2	21808.3	21576.5	21237.3	20892.5	20491.2	20005.0	19439.8
-7.5°	21661.3	21514.3	21503.0	21474.8	21440.8	21220.4	20937.7	20564.7	20157.7	19705.5	19179.7
-10°	20994.3	20886.9	20858.6	20830.3	20739.9	20609.9	20344.2	20005.0	19637.6	19185.4	18625.8
-12.5°	20253.8	20202.9	20095.5	20022.0	19931.6	19778.9	19524.6	19213.7	18846.2	18444.9	17964.4
-15°	19434.1	19338.0	19230.6	19168.4	19038.4	18857.5	18603.2	18314.9	17913.5	17517.8	17065.6
-17.5°	18444.9	18326.2	18207.5	18190.5	18100.1	17823.1	17585.7	17235.2	16884.7	16506.0	16065.1
-20°	17280.4	17116.5	17037.4	16992.1	16867.8	16664.3	16409.9	16087.7	15748.5	15386.8	14878.0



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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°	15991.6	15850.3	15714.6	15629.8	15522.4	15364.1	15121.1	14838.4	14504.9	14097.9	13628.8
-25°	14527.5	14329.7	14244.9	14148.8	14092.3	13945.3	13707.9	13447.9	13103.1	12707.4	12260.8
-27.5°	12854.3	12696.1	12650.8	12515.2	12447.3	12294.7	12096.9	11853.8	11537.2	11164.2	10796.7
-30°	11005.9	10909.8	10836.3	10700.6	10649.8	10485.8	10355.8	10152.3	9864.0	9598.4	9304.4
-32.5°	9106.6	9010.5	8987.9	8925.7	8891.8	8784.4	8637.4	8490.4	8258.7	8060.8	7823.4
-35°	7422.0	7354.2	7359.9	7354.2	7320.3	7241.2	7060.3	7020.7	6851.1	6670.2	6517.6
-37.5°	6076.7	6082.3	6076.7	6071.0	6025.8	5991.9	5861.9	5811.0	5709.3	5534.0	5443.6
-40°	5064.9	5076.2	5070.5	5059.2	5008.3	4991.4	4906.6	4838.7	4799.2	4674.8	4578.7
-42.5°	4245.2	4262.2	4256.5	4250.9	4216.9	4211.3	4166.1	4086.9	4064.3	3990.8	3889.1
-45°	3623.4	3617.8	3606.4	3617.8	3600.8	3583.8	3555.6	3504.7	3476.4	3442.5	3357.7
-47.5°	3131.6	3137.3	3126.0	3126.0	3103.4	3086.4	3075.1	3041.2	3018.6	2990.3	2939.4
-50°	2724.6	2747.2	2741.6	2735.9	2719.0	2707.7	2707.7	2673.7	2639.8	2628.5	2594.6
-52.5°	2408.1	2425.0	2430.7	2442.0	2447.6	2453.3	2436.3	2402.4	2345.9	2340.2	2323.3
-55°	2119.8	2170.7	2204.6	2227.2	2249.8	2266.7	2232.8	2187.6	2131.1	2108.5	2102.8
-57.5°	1921.9	1972.8	2012.4	2046.3	2074.6	2102.8	2068.9	2023.7	1972.8	1944.5	1938.9
-60°	1741.0	1786.3	1825.8	1871.1	1910.6	1955.8	1938.9	1905.0	1876.7	1854.1	1831.5
-62.5°	1548.9	1594.1	1639.3	1695.8	1746.7	1791.9	1797.6	1791.9	1786.3	1791.9	1752.3
-65°	1390.6	1413.2	1441.4	1503.6	1560.2	1611.0	1639.3	1656.3	1684.5	1712.8	1673.2
-67.5°	1221.0	1249.3	1283.2	1328.4	1373.6	1407.5	1447.1	1492.3	1537.5	1582.8	1554.5
-70°	1068.4	1091.0	1119.2	1141.9	1170.1	1192.7	1226.6	1277.5	1328.4	1373.6	1362.3
-72.5°	910.1	932.7	949.7	961.0	977.9	989.2	1006.2	1051.4	1085.3	1107.9	1107.9
-75°	751.8	774.4	791.4	797.0	808.3	814.0	825.3	842.3	859.2	864.9	870.5
-77.5°	576.6	599.2	616.1	627.5	638.8	650.1	655.7	667.0	672.7	672.7	678.3
-80°	429.6	446.6	457.9	474.8	480.5	491.8	503.1	508.7	514.4	514.4	520.1
-82.5°	305.2	316.6	327.9	339.2	350.5	356.1	367.4	373.1	378.7	384.4	390.0
-85°	203.5	214.8	226.1	237.4	243.1	248.7	254.4	260.0	265.7	271.3	277.0
-87.5°	118.7	124.4	130.0	141.3	147.0	158.3	163.9	158.3	163.9	163.9	163.9
-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°	220.5	220.5	220.5	220.5	214.8	203.5	197.8	186.5	175.2	163.9	152.6
85°	457.9	463.5	463.5	463.5	452.2	446.6	429.6	412.6	390.0	356.1	327.9
82.5°	763.1	768.8	768.8	763.1	751.8	734.9	712.2	684.0	638.8	593.5	554.0
80°	1147.5	1153.2	1153.2	1147.5	1119.2	1091.0	1062.7	1028.8	972.3	910.1	842.3
77.5°	1605.4	1616.7	1616.7	1599.7	1560.2	1526.2	1481.0	1424.5	1339.7	1249.3	1158.8
75°	2136.7	2165.0	2170.7	2153.7	2102.8	2040.6	1967.2	1871.1	1741.0	1628.0	1520.6
72.5°	2752.9	2781.1	2803.8	2781.1	2707.7	2622.9	2515.5	2402.4	2272.4	2119.8	1938.9
70°	3561.2	3589.5	3606.4	3533.0	3402.9	3261.6	3131.6	3001.6	2849.0	2662.4	2464.6
67.5°	4578.7	4550.5	4516.5	4369.6	4205.6	4036.1	3855.2	3663.0	3465.1	3267.3	3035.5
65°	5556.6	5477.5	5404.0	5228.8	5019.6	4799.2	4590.0	4375.2	4137.8	3889.1	3668.6
62.5°	6585.4	6415.9	6235.0	6020.2	5805.4	5562.3	5353.1	5098.8	4833.1	4527.8	4245.2
60°	7597.3	7393.8	7212.9	6947.2	6664.6	6336.7	6110.6	5861.9	5551.0	5223.1	4889.6
57.5°	8575.2	8354.7	8156.9	7925.1	7619.9	7263.8	7015.0	6692.8	6365.0	5952.3	5613.2
55°	9615.3	9394.9	9236.6	8976.6	8643.0	8315.2	8043.8	7704.7	7246.8	6805.9	6387.6
52.5°	10808.0	10632.8	10463.2	10197.5	9796.2	9462.7	9163.1	8784.4	8303.9	7761.2	7258.1
50°	12142.1	12051.6	11870.8	11559.9	11102.0	10808.0	10412.3	9909.3	9394.9	8823.9	8196.5
47.5°	13911.4	13764.4	13510.0	13170.9	12786.5	12345.6	11814.2	11226.3	10497.1	9864.0	9197.0
45°	16025.5	15754.2	15426.3	14968.5	14493.6	13996.2	13414.0	12667.8	11689.9	10864.6	10163.6
42.5°	18314.9	17947.4	17500.9	16901.7	16285.5	15675.0	15047.6	14030.1	12809.1	11859.4	11068.1
40°	20706.0	20236.8	19677.2	18806.7	18122.7	17337.0	16619.1	15098.5	13798.3	12769.5	11927.3
37.5°	23046.2	22452.7	21514.3	20457.3	19660.2	19015.8	17438.7	15810.7	14646.2	13515.7	12662.1
35°	24838.1	24335.0	22678.8	21582.2	20898.2	19880.7	17907.9	16240.3	15008.0	14069.7	12741.3
32.5°	25900.9	24600.7	23148.0	22040.0	21474.8	19807.2	17941.8	16364.7	15177.6	14126.2	12537.8
30°	25663.4	24092.0	22820.1	21893.1	20666.4	19168.4	17625.2	16172.5	15019.3	13747.5	12311.7
27.5°	24233.3	23018.0	21881.8	20915.1	19711.1	18365.8	16941.3	15663.7	14589.7	13357.4	12000.8
25°	22616.6	21514.3	20672.1	19829.8	18688.0	17404.8	16149.9	15228.5	14148.8	12933.5	11593.8
22.5°	21129.9	20338.6	19677.2	18795.4	17681.8	16562.5	15782.4	14827.1	13719.2	12486.9	11175.5
20°	20180.3	19643.3	18885.8	17913.5	17037.4	16336.4	15471.5	14459.7	13317.9	12029.0	10819.3
17.5°	19722.4	19100.6	18258.3	17625.2	16952.6	16183.8	15217.2	14143.2	12927.8	11819.9	10858.9
15°	19485.0	18829.3	18275.3	17653.5	16896.0	16087.7	15013.7	13900.1	12927.8	11904.7	10887.2
12.5°	19535.9	18970.6	18365.8	17687.4	16873.4	16008.6	15036.3	14001.8	12995.6	11966.8	10892.8
10°	19694.1	19100.6	18456.2	17704.4	16884.7	16031.2	15098.5	14064.0	13029.6	11995.1	10881.5
7.5°	19750.7	19106.3	18416.6	17659.2	16856.5	16019.9	15109.8	14081.0	13035.2	11989.5	10847.6
5°	19575.4	18993.2	18326.2	17563.1	16777.3	15963.3	15064.6	14058.4	12990.0	11932.9	10762.8
2.5°	19338.0	18868.8	18230.1	17495.2	16698.2	15884.2	14991.1	13956.6	12888.2	11831.2	10655.4
0°	19298.5	18716.2	18071.8	17416.1	16568.2	15709.0	14821.5	13764.4	12701.7	11639.0	10468.9
-2.5°	19038.4	18422.3	17777.9	17065.6	16319.5	15454.6	14521.9	13487.4	12436.0	11390.3	10265.4
-5°	18840.6	18156.6	17472.6	16703.8	15952.0	15087.2	14120.5	13114.4	12085.6	11068.1	9982.7
-7.5°	18574.9	17874.0	17156.1	16353.4	15539.4	14657.6	13702.2	12696.1	11684.2	10672.4	9632.3
-10°	18037.9	17421.7	16749.1	15918.1	15058.9	14177.1	13227.4	12238.2	11226.3	10203.2	9157.4
-12.5°	17387.8	16737.8	16002.9	15239.8	14471.0	13651.4	12701.7	11729.4	10711.9	9683.1	8643.0
-15°	16545.6	15906.8	15155.0	14408.8	13668.3	12882.6	12046.0	11169.8	10135.4	9123.5	8083.4
-17.5°	15494.2	14895.0	14222.3	13510.0	12775.2	11983.8	11169.8	10429.3	9462.7	8513.0	7484.2
-20°	14363.6	13804.0	13199.1	12526.5	11791.6	11017.2	10248.4	9474.0	8637.4	7800.8	6845.5



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	13187.8	12622.6	12012.1	11384.6	10706.3	9988.4	9276.1	8535.6	7800.8	7043.3	6235.0
-25°	11831.2	11333.7	10774.1	10163.6	9558.8	8931.3	8253.0	7580.3	6952.9	6297.2	5635.8
-27.5°	10412.3	9954.5	9445.7	8914.4	8394.3	7868.6	7280.7	6658.9	6138.9	5596.2	5047.9
-30°	8920.0	8552.6	8139.9	7676.4	7275.1	6851.1	6359.3	5844.9	5370.1	4957.5	4516.5
-32.5°	7506.8	7195.9	6902.0	6596.7	6201.1	5873.2	5534.0	5155.3	4737.0	4347.0	4030.4
-35°	6291.5	5958.0	5833.6	5607.5	5324.9	5036.6	4787.9	4516.5	4200.0	3855.2	3595.1
-37.5°	5268.4	5070.5	4895.3	4770.9	4584.4	4352.6	4154.8	3956.9	3713.8	3453.8	3193.8
-40°	4471.3	4335.7	4143.5	4081.3	3962.6	3804.3	3600.8	3448.2	3284.2	3086.4	2865.9
-42.5°	3832.6	3730.8	3606.4	3499.0	3448.2	3335.1	3176.8	3029.9	2899.9	2764.2	2594.6
-45°	3306.9	3239.0	3159.9	3063.8	3024.2	2933.8	2820.7	2656.8	2583.3	2470.2	2345.9
-47.5°	2882.9	2849.0	2792.5	2730.3	2673.7	2605.9	2504.2	2402.4	2300.7	2227.2	2131.1
-50°	2549.4	2526.8	2492.9	2442.0	2368.5	2323.3	2255.4	2165.0	2068.9	2006.7	1938.9
-52.5°	2283.7	2261.1	2238.5	2198.9	2142.4	2097.2	2040.6	1967.2	1888.0	1825.8	1769.3
-55°	2080.2	2046.3	2029.3	1995.4	1950.2	1899.3	1848.4	1797.6	1729.7	1673.2	1616.7
-57.5°	1921.9	1876.7	1854.1	1825.8	1780.6	1729.7	1690.2	1639.3	1594.1	1531.9	1481.0
-60°	1797.6	1746.7	1701.5	1673.2	1633.6	1582.8	1543.2	1503.6	1458.4	1407.5	1345.4
-62.5°	1695.8	1633.6	1571.5	1537.5	1498.0	1452.8	1413.2	1373.6	1328.4	1277.5	1221.0
-65°	1599.7	1526.2	1447.1	1413.2	1373.6	1328.4	1277.5	1249.3	1209.7	1164.5	1107.9
-67.5°	1481.0	1401.9	1334.0	1294.5	1254.9	1215.3	1170.1	1141.9	1102.3	1045.8	989.2
-70°	1305.8	1254.9	1209.7	1175.8	1141.9	1107.9	1062.7	1017.5	972.3	921.4	870.5
-72.5°	1085.3	1068.4	1062.7	1045.8	1006.2	966.6	921.4	876.2	836.6	797.0	757.5
-75°	876.2	887.5	898.8	893.1	853.6	814.0	774.4	734.9	706.6	672.7	638.8
-77.5°	695.3	706.6	717.9	717.9	689.6	667.0	638.8	610.5	587.9	559.6	525.7
-80°	537.0	554.0	570.9	582.2	559.6	542.7	520.1	497.4	474.8	452.2	429.6
-82.5°	407.0	424.0	440.9	452.2	435.3	424.0	407.0	390.0	373.1	350.5	333.5
-85°	293.9	305.2	316.6	322.2	310.9	299.6	288.3	277.0	265.7	248.7	237.4
-87.5°	169.6	175.2	180.9	186.5	175.2	163.9	158.3	147.0	141.3	130.0	124.4
-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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 CATALOG NUMBER: IFLD-S-SA6E-735-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°	141.3	130.0	118.7	113.1	101.7	84.8	73.5	62.2	50.9	39.6	33.9
85°	299.6	271.3	237.4	220.5	197.8	175.2	152.6	130.0	107.4	84.8	62.2
82.5°	514.4	480.5	446.6	407.0	356.1	293.9	231.8	192.2	158.3	124.4	96.1
80°	774.4	712.2	655.7	604.8	548.3	469.2	384.4	305.2	214.8	163.9	124.4
77.5°	1074.0	1000.5	921.4	836.6	746.2	638.8	542.7	440.9	333.5	226.1	158.3
75°	1413.2	1317.1	1209.7	1091.0	972.3	831.0	695.3	576.6	452.2	316.6	192.2
72.5°	1791.9	1673.2	1543.2	1384.9	1198.4	1034.5	870.5	712.2	565.3	401.3	260.0
70°	2278.1	2091.5	1899.3	1729.7	1492.3	1232.3	1040.1	859.2	672.7	491.8	327.9
67.5°	2798.1	2572.0	2340.2	2091.5	1791.9	1486.7	1209.7	1006.2	785.7	576.6	390.0
65°	3363.4	3080.7	2786.8	2509.8	2097.2	1735.4	1424.5	1147.5	893.1	655.7	452.2
62.5°	3945.6	3612.1	3272.9	2911.2	2436.3	1989.8	1628.0	1305.8	994.9	729.2	508.7
60°	4567.4	4177.4	3764.7	3312.5	2758.5	2266.7	1820.2	1469.7	1102.3	802.7	570.9
57.5°	5223.1	4799.2	4313.0	3702.5	3092.0	2532.4	2040.6	1616.7	1198.4	870.5	616.1
55°	5935.4	5449.2	4917.9	4109.5	3419.9	2798.1	2261.1	1763.7	1300.1	927.0	661.4
52.5°	6704.1	6138.9	5466.2	4539.1	3764.7	3069.4	2464.6	1893.7	1396.2	989.2	700.9
50°	7563.4	6851.1	5946.7	4934.8	4064.3	3323.8	2668.1	2035.0	1475.4	1057.1	734.9
47.5°	8456.5	7687.7	6376.3	5302.3	4369.6	3572.5	2877.2	2159.3	1554.5	1113.6	768.8
45°	9389.2	8270.0	6822.9	5630.1	4635.2	3798.6	3035.5	2272.4	1650.6	1164.5	797.0
42.5°	10310.6	8710.9	7212.9	5958.0	4884.0	4002.1	3165.5	2379.8	1729.7	1215.3	825.3
40°	10745.9	9044.4	7523.8	6184.1	5093.1	4183.0	3278.6	2475.9	1797.6	1249.3	853.6
37.5°	10926.7	9247.9	7727.3	6398.9	5257.0	4279.1	3374.7	2560.7	1854.1	1283.2	876.2
35°	10966.3	9321.4	7829.0	6545.9	5392.7	4369.6	3448.2	2622.9	1899.3	1317.1	898.8
32.5°	10892.8	9298.8	7857.3	6596.7	5477.5	4437.4	3499.0	2668.1	1933.2	1351.0	921.4
30°	10728.9	9180.0	7755.6	6591.1	5539.7	4477.0	3533.0	2702.0	1967.2	1373.6	932.7
27.5°	10463.2	8970.9	7625.5	6596.7	5573.6	4493.9	3549.9	2719.0	1989.8	1390.6	955.3
25°	10135.4	8688.3	7631.2	6585.4	5579.3	4499.6	3549.9	2719.0	1995.4	1396.2	972.3
22.5°	9756.6	8688.3	7631.2	6568.5	5545.3	4488.3	3533.0	2707.7	1995.4	1407.5	989.2
20°	9779.2	8693.9	7614.2	6534.6	5494.5	4454.4	3493.4	2679.4	1978.5	1424.5	1000.5
17.5°	9796.2	8682.6	7580.3	6489.3	5426.6	4397.8	3442.5	2639.8	1978.5	1441.4	1006.2
15°	9796.2	8648.7	7529.4	6421.5	5341.8	4318.7	3369.0	2605.9	1984.1	1447.1	1017.5
12.5°	9779.2	8586.5	7450.3	6331.1	5240.1	4222.6	3323.8	2594.6	1984.1	1452.8	1017.5
10°	9745.3	8501.7	7348.6	6218.0	5144.0	4188.7	3301.2	2572.0	1972.8	1452.8	1017.5
7.5°	9683.1	8400.0	7263.8	6150.2	5087.5	4149.1	3267.3	2538.1	1955.8	1441.4	1028.8
5°	9587.0	8343.4	7195.9	6071.0	5008.3	4120.8	3244.7	2509.8	1944.5	1441.4	1017.5
2.5°	9462.7	8275.6	7116.8	5969.3	4917.9	4024.8	3171.2	2447.6	1905.0	1418.8	1006.2
0°	9259.2	8139.9	6981.1	5828.0	4793.5	3928.7	3097.7	2385.5	1865.4	1396.2	994.9
-2.5°	9072.6	7959.1	6805.9	5681.0	4674.8	3843.9	3041.2	2351.5	1848.4	1390.6	989.2
-5°	8812.6	7710.3	6574.1	5488.8	4516.5	3759.1	2984.6	2312.0	1831.5	1379.3	989.2
-7.5°	8524.3	7450.3	6331.1	5291.0	4358.3	3612.1	2877.2	2249.8	1791.9	1356.7	983.6
-10°	8077.8	7060.3	6025.8	5064.9	4188.7	3482.1	2786.8	2193.3	1758.0	1334.0	961.0
-12.5°	7602.9	6630.7	5675.4	4787.9	3996.5	3346.4	2685.1	2131.1	1718.4	1311.4	949.7
-15°	7099.8	6189.7	5307.9	4499.6	3787.3	3182.5	2577.6	2063.2	1678.9	1283.2	932.7
-17.5°	6574.1	5726.2	4929.2	4205.6	3578.2	3012.9	2464.6	2001.1	1633.6	1254.9	915.7
-20°	6020.2	5251.4	4544.8	3906.0	3357.7	2843.3	2345.9	1927.6	1582.8	1221.0	893.1



REPORT NUMBER: P722060

CATALOG NUMBER: IFLD-S-SA6E-735-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	5471.9	4782.2	4149.1	3612.1	3131.6	2668.1	2227.2	1854.1	1526.2	1181.4	876.2
-25°	4985.7	4341.3	3798.6	3329.5	2911.2	2498.5	2102.8	1780.6	1464.1	1141.9	853.6
-27.5°	4510.9	3962.6	3453.8	3063.8	2696.4	2334.6	1984.1	1701.5	1401.9	1096.6	831.0
-30°	4070.0	3600.8	3182.5	2803.8	2492.9	2187.6	1882.4	1622.3	1334.0	1051.4	802.7
-32.5°	3668.6	3289.9	2939.4	2577.6	2300.7	2040.6	1786.3	1543.2	1266.2	1006.2	774.4
-35°	3295.5	3001.6	2696.4	2391.1	2108.5	1905.0	1684.5	1458.4	1204.0	955.3	746.2
-37.5°	2962.0	2724.6	2481.6	2221.5	1978.5	1775.0	1588.4	1373.6	1141.9	910.1	717.9
-40°	2673.7	2481.6	2266.7	2057.6	1854.1	1661.9	1492.3	1288.8	1079.7	876.2	689.6
-42.5°	2408.1	2261.1	2085.9	1910.6	1729.7	1560.2	1396.2	1198.4	1017.5	836.6	661.4
-45°	2204.6	2057.6	1916.3	1758.0	1605.4	1458.4	1294.5	1119.2	961.0	791.4	633.1
-47.5°	2012.4	1882.4	1752.3	1622.3	1498.0	1362.3	1198.4	1051.4	898.8	751.8	610.5
-50°	1842.8	1718.4	1605.4	1492.3	1384.9	1254.9	1102.3	983.6	847.9	712.2	582.2
-52.5°	1684.5	1577.1	1464.1	1373.6	1283.2	1153.2	1028.8	915.7	797.0	667.0	554.0
-55°	1543.2	1441.4	1339.7	1254.9	1170.1	1057.1	955.3	859.2	746.2	633.1	525.7
-57.5°	1407.5	1322.7	1226.6	1147.5	1062.7	972.3	887.5	797.0	695.3	599.2	497.4
-60°	1283.2	1204.0	1119.2	1040.1	966.6	893.1	814.0	740.5	650.1	559.6	469.2
-62.5°	1158.8	1091.0	1017.5	938.4	881.8	814.0	751.8	678.3	604.8	525.7	418.3
-65°	1045.8	983.6	915.7	847.9	797.0	746.2	689.6	621.8	559.6	486.1	373.1
-67.5°	932.7	876.2	819.6	763.1	717.9	678.3	621.8	570.9	520.1	440.9	327.9
-70°	825.3	780.1	729.2	684.0	650.1	604.8	565.3	520.1	474.8	384.4	277.0
-72.5°	723.6	678.3	638.8	604.8	576.6	537.0	503.1	469.2	407.0	322.2	231.8
-75°	604.8	576.6	554.0	525.7	497.4	469.2	440.9	401.3	339.2	260.0	180.9
-77.5°	497.4	480.5	463.5	440.9	418.3	395.7	361.8	322.2	271.3	203.5	147.0
-80°	407.0	390.0	378.7	356.1	339.2	316.6	282.6	248.7	197.8	158.3	118.7
-82.5°	310.9	299.6	288.3	277.0	260.0	237.4	203.5	175.2	147.0	118.7	90.4
-85°	220.5	214.8	203.5	192.2	175.2	158.3	135.7	118.7	101.7	79.1	62.2
-87.5°	113.1	107.4	101.7	96.1	90.4	79.1	67.8	56.5	50.9	39.6	28.3
-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-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	22.6	17.0	5.7	0.0
85°	45.2	28.3	11.3	0.0
82.5°	67.8	45.2	17.0	0.0
80°	90.4	56.5	28.3	0.0
77.5°	113.1	67.8	33.9	0.0
75°	135.7	84.8	39.6	0.0
72.5°	152.6	96.1	45.2	0.0
70°	180.9	113.1	50.9	0.0
67.5°	226.1	124.4	56.5	0.0
65°	265.7	135.7	62.2	0.0
62.5°	310.9	147.0	67.8	0.0
60°	350.5	158.3	73.5	0.0
57.5°	390.0	186.5	79.1	0.0
55°	424.0	209.2	84.8	0.0
52.5°	463.5	231.8	90.4	0.0
50°	497.4	254.4	96.1	0.0
47.5°	525.7	277.0	96.1	0.0
45°	548.3	293.9	101.7	0.0
42.5°	565.3	310.9	107.4	0.0
40°	582.2	327.9	113.1	0.0
37.5°	599.2	344.8	113.1	0.0
35°	616.1	361.8	118.7	0.0
32.5°	633.1	378.7	118.7	0.0
30°	644.4	390.0	124.4	0.0
27.5°	661.4	401.3	124.4	0.0
25°	667.0	412.6	130.0	0.0
22.5°	678.3	418.3	130.0	0.0
20°	689.6	429.6	130.0	0.0
17.5°	695.3	435.3	135.7	0.0
15°	695.3	440.9	141.3	0.0
12.5°	700.9	446.6	141.3	0.0
10°	700.9	457.9	135.7	0.0
7.5°	712.2	452.2	135.7	0.0
5°	706.6	452.2	135.7	0.0
2.5°	700.9	446.6	135.7	0.0
0°	695.3	446.6	135.7	0.0
-2.5°	695.3	446.6	135.7	0.0
-5°	695.3	446.6	135.7	0.0
-7.5°	689.6	452.2	135.7	0.0
-10°	678.3	452.2	135.7	0.0
-12.5°	672.7	435.3	135.7	0.0
-15°	667.0	429.6	135.7	0.0
-17.5°	655.7	424.0	130.0	0.0
-20°	644.4	418.3	130.0	0.0



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CATALOG NUMBER: IFLD-S-SA6E-735-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	633.1	407.0	130.0	0.0
-25°	621.8	395.7	124.4	0.0
-27.5°	610.5	384.4	124.4	0.0
-30°	593.5	373.1	118.7	0.0
-32.5°	576.6	361.8	118.7	0.0
-35°	565.3	344.8	113.1	0.0
-37.5°	548.3	327.9	113.1	0.0
-40°	531.4	310.9	107.4	0.0
-42.5°	514.4	293.9	101.7	0.0
-45°	491.8	277.0	101.7	0.0
-47.5°	474.8	260.0	96.1	0.0
-50°	446.6	237.4	90.4	0.0
-52.5°	412.6	214.8	84.8	0.0
-55°	378.7	197.8	79.1	0.0
-57.5°	344.8	175.2	79.1	0.0
-60°	310.9	152.6	73.5	0.0
-62.5°	277.0	141.3	67.8	0.0
-65°	243.1	130.0	62.2	0.0
-67.5°	203.5	113.1	56.5	0.0
-70°	169.6	101.7	50.9	0.0
-72.5°	147.0	90.4	45.2	0.0
-75°	124.4	79.1	39.6	0.0
-77.5°	107.4	67.8	33.9	0.0
-80°	84.8	50.9	22.6	0.0
-82.5°	62.2	39.6	17.0	0.0
-85°	39.6	28.3	11.3	0.0
-87.5°	22.6	11.3	5.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)