

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: P721980

Luminaire Tested: **IFLD-L-SA7B-722-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P721980
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-722-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

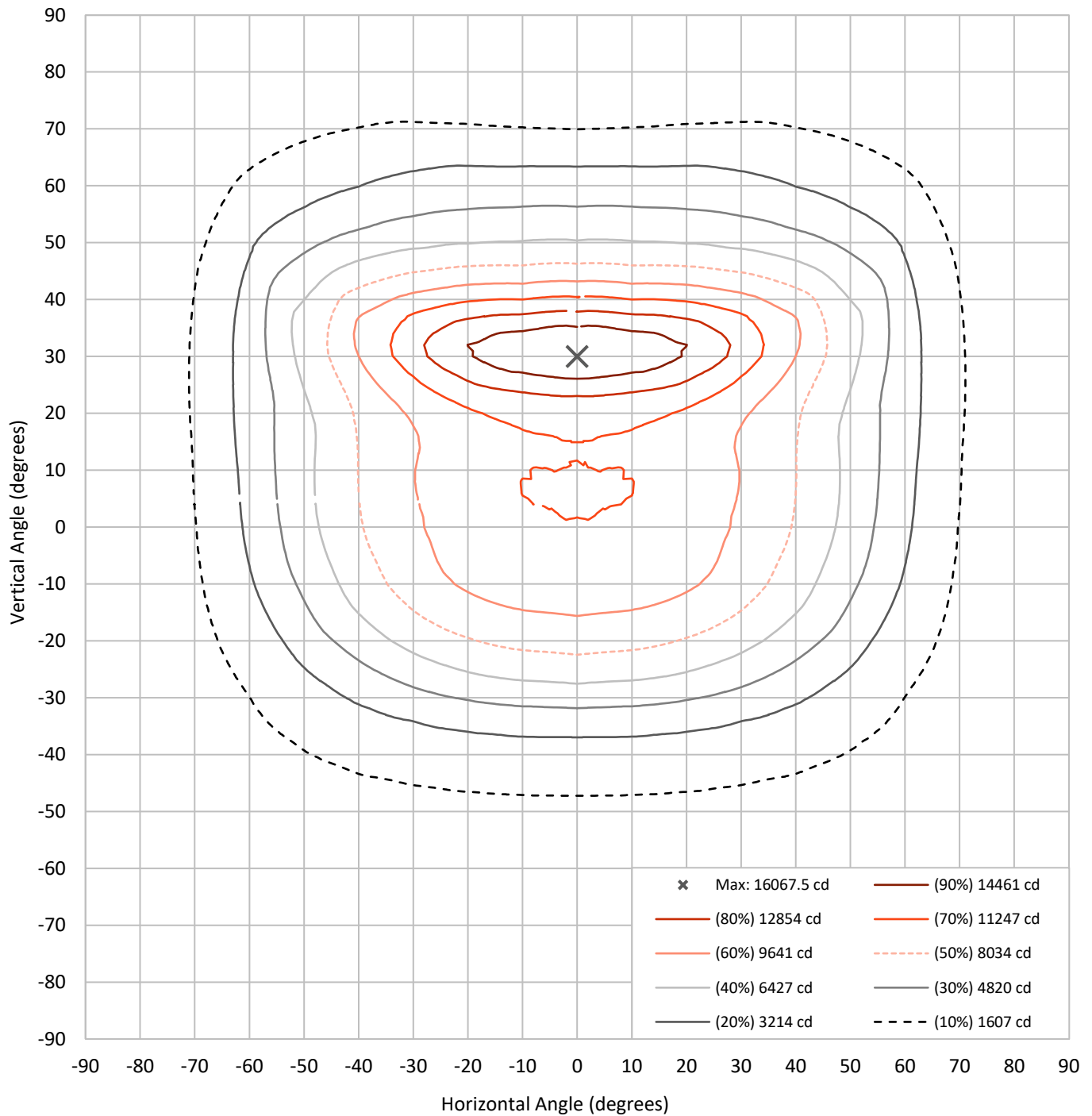
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	26820.8 lumens	Max Intensity:	16067.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	95.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	15596.6 lumens	Field Lumens:	25134.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 281
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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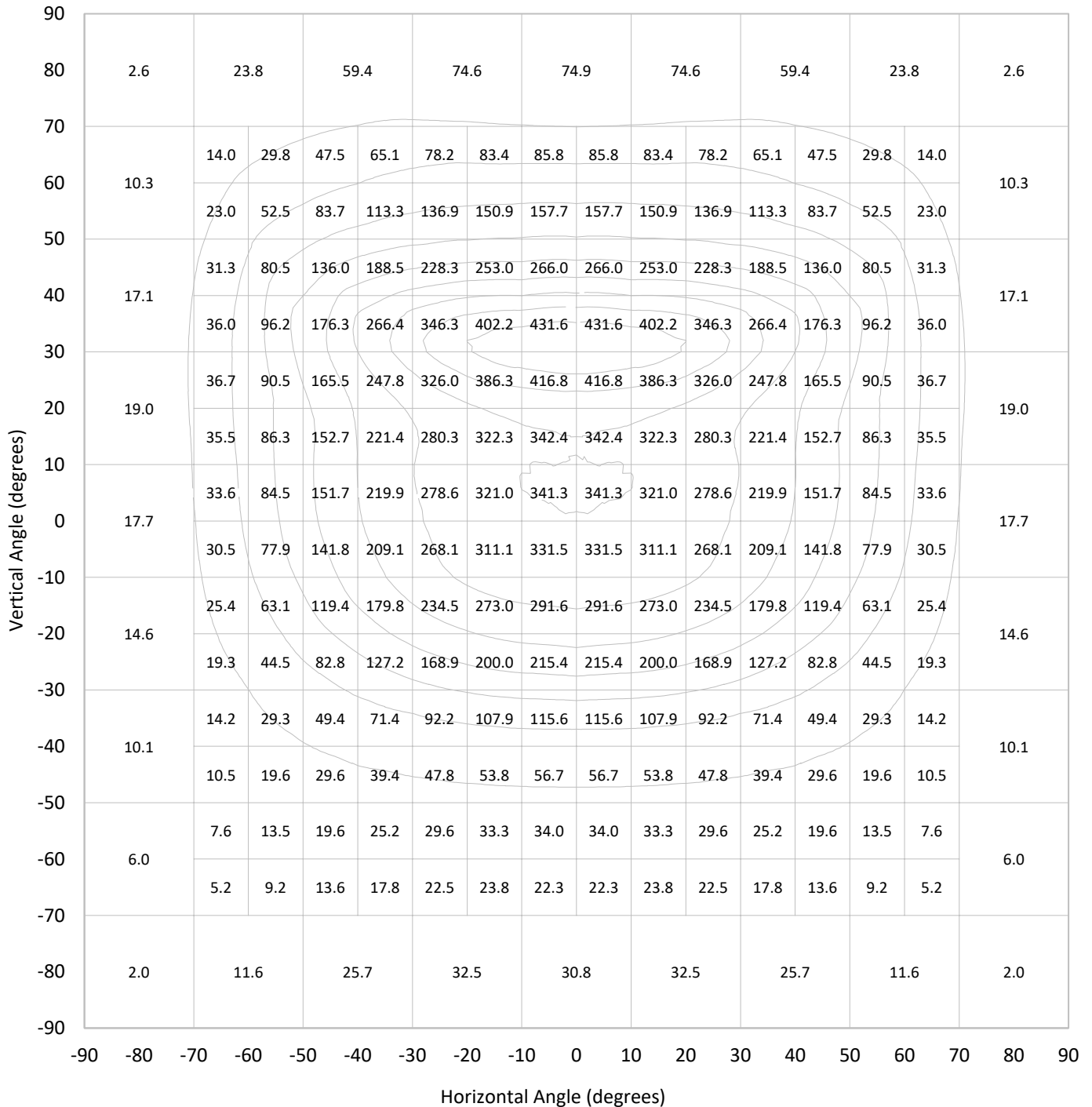
Iso-Candela Plot





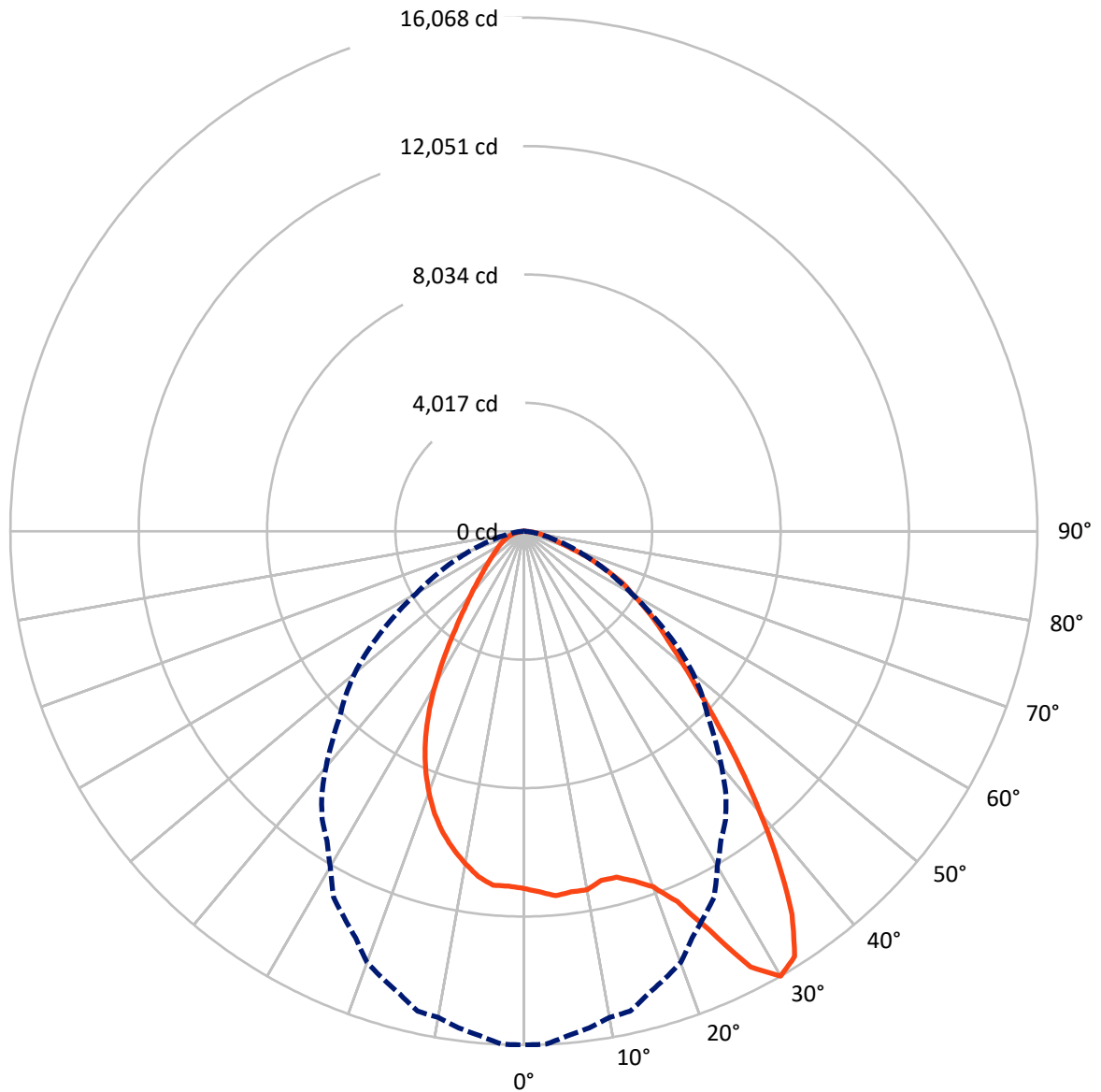
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Lumen Table



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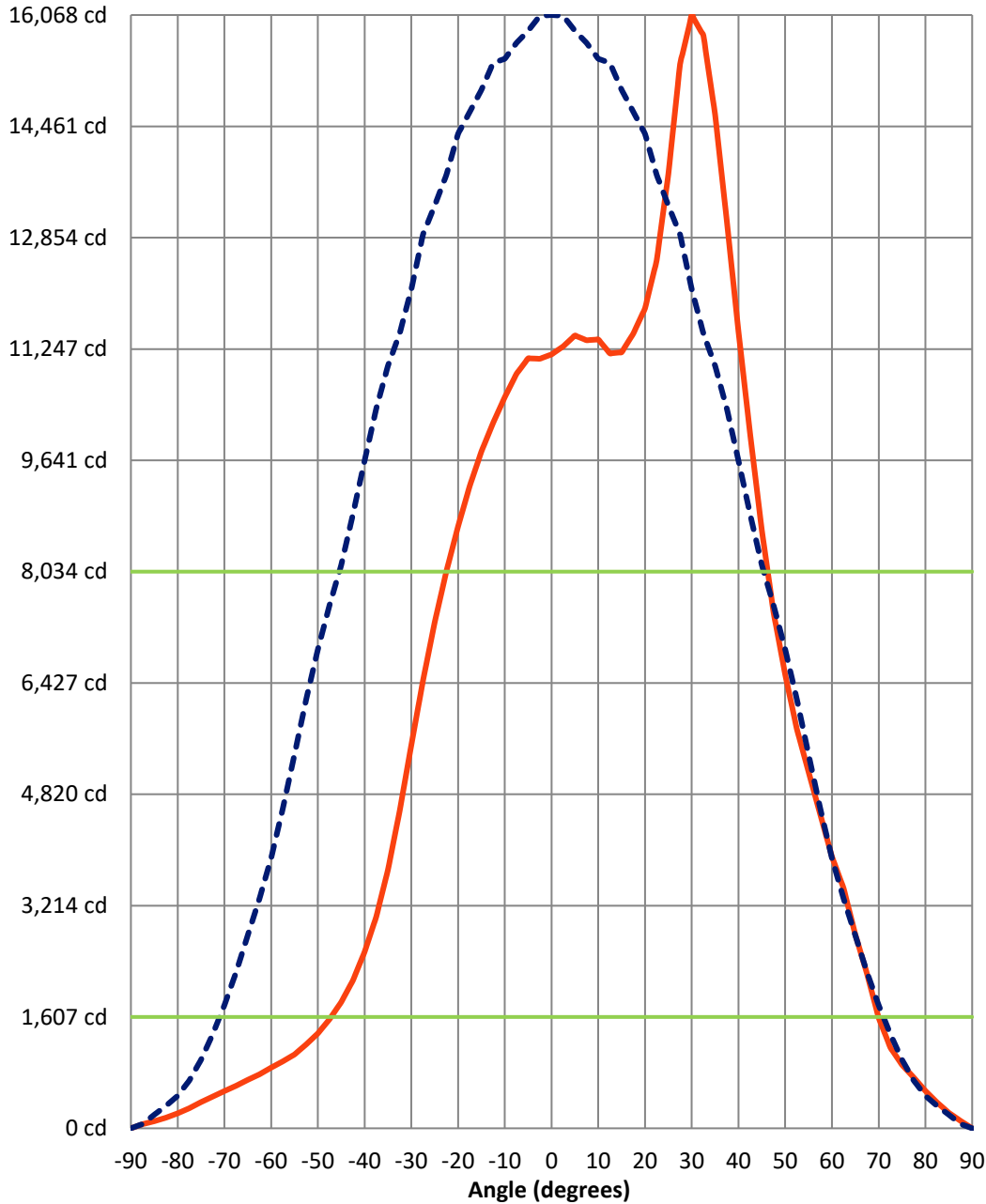
Luminous Intensity Polar Plot



— 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: 15596.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 25134.5
 Efficiency: 93.7%

Spill:
 Lumens: 1686.2
 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°	108.0	110.8	113.7	113.7	110.8	110.8	110.8	108.0	110.8	110.8	110.8
85°	224.5	230.1	235.8	233.0	230.1	224.5	218.8	221.6	224.5	227.3	227.3
82.5°	372.2	380.7	386.4	383.6	377.9	372.2	366.5	369.4	375.1	377.9	377.9
80°	539.8	542.7	545.5	551.2	542.7	542.7	539.8	551.2	556.9	562.6	568.3
77.5°	733.1	735.9	735.9	738.7	741.6	744.4	744.4	764.3	778.5	787.0	795.6
75°	914.9	923.4	931.9	940.5	951.8	957.5	966.0	994.5	1017.2	1034.2	1051.3
72.5°	1164.9	1176.3	1190.5	1210.4	1230.3	1244.5	1264.4	1298.5	1324.0	1341.1	1361.0
70°	1594.0	1605.3	1619.5	1633.7	1653.6	1667.8	1687.7	1730.4	1755.9	1767.3	1778.7
67.5°	2230.4	2258.8	2284.4	2256.0	2241.8	2221.9	2227.6	2267.4	2292.9	2310.0	2307.1
65°	2795.8	2815.7	2815.7	2812.9	2801.5	2775.9	2790.2	2838.5	2866.9	2881.1	2838.5
62.5°	3460.7	3460.7	3446.5	3469.2	3472.1	3455.0	3446.5	3449.3	3452.2	3460.7	3389.7
60°	3921.0	3949.4	3957.9	3977.8	3983.5	3983.5	3997.7	4009.1	4009.1	3992.0	3909.6
57.5°	4529.0	4583.0	4594.4	4580.2	4551.8	4514.8	4509.1	4492.1	4458.0	4423.9	4384.1
55°	5142.8	5171.2	5168.3	5159.8	5131.4	5088.8	5094.4	5071.7	5017.7	4975.1	4921.1
52.5°	5759.3	5827.5	5838.9	5821.8	5782.0	5736.6	5739.4	5713.9	5659.9	5614.4	5540.5
50°	6546.4	6603.2	6597.5	6569.1	6512.3	6478.2	6481.0	6432.7	6370.2	6356.0	6259.4
47.5°	7447.0	7512.4	7501.0	7461.2	7384.5	7370.3	7384.5	7322.0	7285.1	7253.8	7140.2
45°	8629.0	8705.7	8663.1	8586.4	8464.2	8478.4	8498.3	8487.0	8407.4	8325.0	8180.1
42.5°	10015.6	10063.9	10012.7	9936.0	9782.6	9811.0	9799.6	9731.4	9683.1	9546.8	9362.1
40°	11498.7	11603.9	11524.3	11405.0	11245.9	11288.5	11257.2	11169.1	11055.5	10885.0	10652.0
37.5°	13098.4	13180.8	13089.9	12950.6	12808.6	12794.4	12731.9	12595.5	12433.5	12246.0	11873.8
35°	14629.8	14842.9	14675.3	14453.7	14280.4	14215.0	14155.3	13840.0	13655.3	13351.3	12842.7
32.5°	15769.2	15925.5	15718.1	15487.9	15277.7	15186.7	14976.5	14601.4	14502.0	13862.7	13396.7
30°	16067.5	16056.2	15840.2	15664.1	15436.8	15374.3	14987.8	14669.6	14351.4	13760.4	13317.2
27.5°	15357.2	15286.2	15078.8	14925.3	14700.9	14627.0	14246.3	14075.8	13584.2	13084.2	12709.1
25°	13774.6	13811.6	13655.3	13578.6	13430.8	13271.7	13121.1	12891.0	12584.1	12146.6	11802.8
22.5°	12527.3	12575.6	12510.2	12419.3	12305.7	12217.6	12103.9	11924.9	11629.4	11359.5	11035.6
20°	11834.0	11819.8	11763.0	11694.8	11586.8	11524.3	11399.3	11248.7	11021.4	10788.4	10438.9
17.5°	11470.3	11382.2	11328.3	11302.7	11245.9	11166.3	11018.6	10865.1	10689.0	10424.7	10169.0
15°	11200.4	11214.6	11172.0	11152.1	11106.6	10995.8	10845.2	10720.2	10481.5	10348.0	10115.0
12.5°	11183.4	11169.1	11172.0	11163.5	11106.6	10964.6	10887.9	10728.7	10575.3	10399.2	10132.1
10°	11385.1	11234.5	11245.9	11285.6	11194.7	11081.1	10998.7	10825.3	10680.4	10456.0	10191.7
7.5°	11373.7	11297.0	11319.7	11254.4	11282.8	11143.6	11029.9	10856.6	10674.8	10436.1	10197.4
5°	11441.9	11325.4	11305.5	11311.2	11240.2	11135.0	10981.6	10816.8	10646.3	10379.3	10134.9
2.5°	11285.6	11302.7	11211.8	11177.7	11169.1	10993.0	10850.9	10691.8	10515.6	10279.8	10061.0
0°	11169.1	11200.4	11106.6	11058.3	11055.5	10904.9	10814.0	10632.1	10507.1	10311.1	10046.8
-2.5°	11106.6	11143.6	11154.9	11066.9	10981.6	10865.1	10711.7	10515.6	10311.1	10083.8	9856.5
-5°	11112.3	11038.4	11007.2	11035.6	10961.7	10845.2	10674.8	10501.4	10299.7	10055.4	9771.2
-7.5°	10887.9	10814.0	10808.3	10794.1	10777.0	10666.2	10524.2	10336.6	10132.1	9904.8	9640.5
-10°	10552.6	10498.6	10484.4	10470.2	10424.7	10359.4	10225.8	10055.4	9870.7	9643.4	9362.1
-12.5°	10180.4	10154.8	10100.8	10063.9	10018.4	9941.7	9813.8	9657.6	9472.9	9271.2	9029.6
-15°	9768.4	9720.1	9666.1	9634.8	9569.5	9478.6	9350.7	9205.8	9004.1	8805.2	8577.9
-17.5°	9271.2	9211.5	9151.8	9143.3	9097.8	8958.6	8839.3	8663.1	8487.0	8296.6	8075.0
-20°	8685.8	8603.5	8563.7	8540.9	8478.4	8376.1	8248.3	8086.3	7915.9	7734.0	7478.3



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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°	8038.0	7967.0	7898.8	7856.2	7802.2	7722.6	7600.5	7458.4	7290.8	7086.2	6850.4
-25°	7302.1	7202.7	7160.1	7111.8	7083.4	7009.5	6890.1	6759.4	6586.1	6387.2	6162.8
-27.5°	6461.1	6381.6	6358.8	6290.6	6256.5	6179.8	6080.4	5958.2	5799.1	5611.6	5426.9
-30°	5532.0	5483.7	5446.8	5378.6	5353.0	5270.6	5205.3	5103.0	4958.1	4824.5	4676.8
-32.5°	4577.3	4529.0	4517.7	4486.4	4469.4	4415.4	4341.5	4267.6	4151.1	4051.7	3932.4
-35°	3730.6	3696.5	3699.4	3696.5	3679.5	3639.7	3548.8	3528.9	3443.7	3352.7	3276.0
-37.5°	3054.4	3057.2	3054.4	3051.6	3028.8	3011.8	2946.4	2920.9	2869.7	2781.6	2736.2
-40°	2545.8	2551.5	2548.6	2543.0	2517.4	2508.9	2466.2	2432.2	2412.3	2349.8	2301.5
-42.5°	2133.8	2142.3	2139.5	2136.7	2119.6	2116.8	2094.0	2054.3	2042.9	2006.0	1954.8
-45°	1821.3	1818.4	1812.7	1818.4	1809.9	1801.4	1787.2	1761.6	1747.4	1730.4	1687.7
-47.5°	1574.1	1576.9	1571.2	1571.2	1559.9	1551.3	1545.7	1528.6	1517.3	1503.0	1477.5
-50°	1369.5	1380.9	1378.0	1375.2	1366.7	1361.0	1361.0	1343.9	1326.9	1321.2	1304.2
-52.5°	1210.4	1218.9	1221.8	1227.4	1230.3	1233.1	1224.6	1207.6	1179.1	1176.3	1167.8
-55°	1065.5	1091.1	1108.1	1119.5	1130.8	1139.4	1122.3	1099.6	1071.2	1059.8	1057.0
-57.5°	966.0	991.6	1011.5	1028.6	1042.8	1057.0	1039.9	1017.2	991.6	977.4	974.6
-60°	875.1	897.9	917.7	940.5	960.4	983.1	974.6	957.5	943.3	931.9	920.6
-62.5°	778.5	801.2	824.0	852.4	878.0	900.7	903.5	900.7	897.9	900.7	880.8
-65°	699.0	710.3	724.5	755.8	784.2	809.8	824.0	832.5	846.7	860.9	841.0
-67.5°	613.7	627.9	645.0	667.7	690.4	707.5	727.4	750.1	772.8	795.6	781.4
-70°	537.0	548.4	562.6	573.9	588.1	599.5	616.6	642.1	667.7	690.4	684.8
-72.5°	457.4	468.8	477.3	483.0	491.5	497.2	505.8	528.5	545.5	556.9	556.9
-75°	377.9	389.3	397.8	400.6	406.3	409.1	414.8	423.4	431.9	434.7	437.6
-77.5°	289.8	301.2	309.7	315.4	321.1	326.7	329.6	335.3	338.1	338.1	341.0
-80°	215.9	224.5	230.1	238.7	241.5	247.2	252.9	255.7	258.6	258.6	261.4
-82.5°	153.4	159.1	164.8	170.5	176.2	179.0	184.7	187.5	190.4	193.2	196.0
-85°	102.3	108.0	113.7	119.3	122.2	125.0	127.9	130.7	133.5	136.4	139.2
-87.5°	59.7	62.5	65.3	71.0	73.9	79.6	82.4	79.6	82.4	82.4	82.4
-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°	110.8	110.8	110.8	110.8	108.0	102.3	99.4	93.8	88.1	82.4	76.7
85°	230.1	233.0	233.0	233.0	227.3	224.5	215.9	207.4	196.0	179.0	164.8
82.5°	383.6	386.4	386.4	383.6	377.9	369.4	358.0	343.8	321.1	298.3	278.4
80°	576.8	579.6	579.6	576.8	562.6	548.4	534.2	517.1	488.7	457.4	423.4
77.5°	806.9	812.6	812.6	804.1	784.2	767.2	744.4	716.0	673.4	627.9	582.5
75°	1074.0	1088.2	1091.1	1082.5	1057.0	1025.7	988.8	940.5	875.1	818.3	764.3
72.5°	1383.7	1397.9	1409.3	1397.9	1361.0	1318.4	1264.4	1207.6	1142.2	1065.5	974.6
70°	1790.0	1804.2	1812.7	1775.8	1710.5	1639.4	1574.1	1508.7	1432.0	1338.3	1238.8
67.5°	2301.5	2287.2	2270.2	2196.3	2113.9	2028.7	1937.8	1841.2	1741.7	1642.3	1525.8
65°	2793.0	2753.2	2716.3	2628.2	2523.1	2412.3	2307.1	2199.2	2079.8	1954.8	1844.0
62.5°	3310.1	3224.9	3134.0	3026.0	2918.0	2795.8	2690.7	2562.9	2429.3	2275.9	2133.8
60°	3818.7	3716.4	3625.5	3492.0	3349.9	3185.1	3071.4	2946.4	2790.2	2625.4	2457.7
57.5°	4310.2	4199.4	4100.0	3983.5	3830.1	3651.1	3526.1	3364.1	3199.3	2991.9	2821.4
55°	4833.0	4722.2	4642.7	4512.0	4344.3	4179.5	4043.2	3872.7	3642.5	3420.9	3210.7
52.5°	5432.6	5344.5	5259.2	5125.7	4924.0	4756.3	4605.7	4415.4	4173.9	3901.1	3648.2
50°	6103.1	6057.6	5966.7	5810.5	5580.3	5432.6	5233.7	4980.8	4722.2	4435.3	4119.9
47.5°	6992.4	6918.6	6790.7	6620.2	6427.0	6205.4	5938.3	5642.8	5276.3	4958.1	4622.8
45°	8055.1	7918.7	7753.9	7523.8	7285.1	7035.1	6742.4	6367.3	5875.8	5461.0	5108.7
42.5°	9205.8	9021.1	8796.7	8495.5	8185.8	7878.9	7563.5	7052.1	6438.4	5961.0	5563.3
40°	10407.7	10171.8	9890.6	9453.0	9109.2	8714.3	8353.4	7589.1	6935.6	6418.5	5995.1
37.5°	11584.0	11285.6	10814.0	10282.7	9882.0	9558.1	8765.4	7947.1	7361.8	6793.5	6364.5
35°	12484.7	12231.8	11399.3	10848.1	10504.3	9992.8	9001.2	8163.1	7543.6	7072.0	6404.3
32.5°	13018.8	12365.3	11635.1	11078.2	10794.1	9955.9	9018.3	8225.6	7628.9	7100.4	6302.0
30°	12899.5	12109.6	11470.3	11004.3	10387.8	9634.8	8859.2	8129.0	7549.3	6910.0	6188.3
27.5°	12180.6	11569.8	10998.7	10512.8	9907.6	9231.4	8515.4	7873.2	7333.4	6714.0	6032.1
25°	11368.0	10814.0	10390.6	9967.3	9393.3	8748.4	8117.6	7654.5	7111.8	6500.9	5827.5
22.5°	10620.8	10223.0	9890.6	9447.3	8887.6	8325.0	7932.9	7452.7	6895.8	6276.4	5617.2
20°	10143.4	9873.5	9492.8	9004.1	8563.7	8211.4	7776.6	7268.0	6694.1	6046.3	5438.2
17.5°	9913.3	9600.7	9177.4	8859.2	8521.1	8134.6	7648.8	7108.9	6498.0	5941.2	5458.1
15°	9794.0	9464.4	9185.9	8873.4	8492.6	8086.3	7546.5	6986.8	6498.0	5983.8	5472.3
12.5°	9819.5	9535.4	9231.4	8890.4	8481.3	8046.6	7557.9	7037.9	6532.1	6015.0	5475.2
10°	9899.1	9600.7	9276.8	8898.9	8487.0	8057.9	7589.1	7069.2	6549.2	6029.2	5469.5
7.5°	9927.5	9603.6	9257.0	8876.2	8472.8	8052.2	7594.8	7077.7	6552.0	6026.4	5452.5
5°	9839.4	9546.8	9211.5	8827.9	8433.0	8023.8	7572.1	7066.3	6529.3	5998.0	5409.8
2.5°	9720.1	9484.3	9163.2	8793.8	8393.2	7984.0	7535.1	7015.2	6478.2	5946.8	5355.8
0°	9700.2	9407.5	9083.6	8754.0	8327.8	7896.0	7449.9	6918.6	6384.4	5850.2	5262.1
-2.5°	9569.5	9259.8	8935.9	8577.9	8202.8	7768.1	7299.3	6779.3	6250.9	5725.2	5159.8
-5°	9470.0	9126.3	8782.5	8396.0	8018.1	7583.4	7097.6	6591.8	6074.7	5563.3	5017.7
-7.5°	9336.5	8984.2	8623.3	8219.9	7810.7	7367.5	6887.3	6381.6	5873.0	5364.4	4841.6
-10°	9066.6	8756.9	8418.8	8001.1	7569.2	7126.0	6648.6	6151.4	5642.8	5128.5	4602.9
-12.5°	8739.8	8413.1	8043.7	7660.1	7273.7	6861.7	6384.4	5895.7	5384.3	4867.1	4344.3
-15°	8316.5	7995.4	7617.5	7242.5	6870.3	6475.3	6054.8	5614.4	5094.4	4585.9	4063.1
-17.5°	7788.0	7486.8	7148.7	6790.7	6421.3	6023.6	5614.4	5242.2	4756.3	4279.0	3761.9
-20°	7219.7	6938.5	6634.4	6296.3	5926.9	5537.7	5151.3	4762.0	4341.5	3921.0	3440.8



REPORT NUMBER: P721980
 CATALOG NUMBER: IFLD-L-SA7B-722-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6628.7	6344.6	6037.8	5722.4	5381.4	5020.6	4662.6	4290.4	3921.0	3540.3	3134.0
-25°	5946.8	5696.8	5415.5	5108.7	4804.6	4489.3	4148.3	3810.2	3494.8	3165.2	2832.8
-27.5°	5233.7	5003.5	4747.8	4480.7	4219.3	3955.1	3659.6	3347.0	3085.7	2812.9	2537.3
-30°	4483.6	4298.9	4091.5	3858.5	3656.8	3443.7	3196.5	2937.9	2699.2	2491.8	2270.2
-32.5°	3773.2	3617.0	3469.2	3315.8	3116.9	2952.1	2781.6	2591.3	2381.0	2185.0	2025.8
-35°	3162.4	2994.7	2932.2	2818.6	2676.5	2531.6	2406.6	2270.2	2111.1	1937.8	1807.1
-37.5°	2648.1	2548.6	2460.6	2398.1	2304.3	2187.8	2088.4	1988.9	1866.7	1736.0	1605.3
-40°	2247.5	2179.3	2082.7	2051.4	1991.8	1912.2	1809.9	1733.2	1650.8	1551.3	1440.5
-42.5°	1926.4	1875.3	1812.7	1758.8	1733.2	1676.4	1596.8	1522.9	1457.6	1389.4	1304.2
-45°	1662.2	1628.1	1588.3	1540.0	1520.1	1474.6	1417.8	1335.4	1298.5	1241.6	1179.1
-47.5°	1449.1	1432.0	1403.6	1372.3	1343.9	1309.8	1258.7	1207.6	1156.4	1119.5	1071.2
-50°	1281.4	1270.1	1253.0	1227.4	1190.5	1167.8	1133.7	1088.2	1039.9	1008.7	974.6
-52.5°	1147.9	1136.5	1125.2	1105.3	1076.9	1054.1	1025.7	988.8	949.0	917.7	889.3
-55°	1045.6	1028.6	1020.0	1003.0	980.2	954.7	929.1	903.5	869.4	841.0	812.6
-57.5°	966.0	943.3	931.9	917.7	895.0	869.4	849.5	824.0	801.2	770.0	744.4
-60°	903.5	878.0	855.2	841.0	821.1	795.6	775.7	755.8	733.1	707.5	676.2
-62.5°	852.4	821.1	789.9	772.8	752.9	730.2	710.3	690.4	667.7	642.1	613.7
-65°	804.1	767.2	727.4	710.3	690.4	667.7	642.1	627.9	608.0	585.3	556.9
-67.5°	744.4	704.6	670.5	650.7	630.8	610.9	588.1	573.9	554.1	525.6	497.2
-70°	656.3	630.8	608.0	591.0	573.9	556.9	534.2	511.4	488.7	463.1	437.6
-72.5°	545.5	537.0	534.2	525.6	505.8	485.9	463.1	440.4	420.5	400.6	380.7
-75°	440.4	446.1	451.8	448.9	429.0	409.1	389.3	369.4	355.2	338.1	321.1
-77.5°	349.5	355.2	360.8	360.8	346.6	335.3	321.1	306.9	295.5	281.3	264.2
-80°	269.9	278.4	287.0	292.7	281.3	272.8	261.4	250.0	238.7	227.3	215.9
-82.5°	204.6	213.1	221.6	227.3	218.8	213.1	204.6	196.0	187.5	176.2	167.6
-85°	147.7	153.4	159.1	162.0	156.3	150.6	144.9	139.2	133.5	125.0	119.3
-87.5°	85.2	88.1	90.9	93.8	88.1	82.4	79.6	73.9	71.0	65.3	62.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	71.0	65.3	59.7	56.8	51.1	42.6	36.9	31.3	25.6	19.9	17.0
85°	150.6	136.4	119.3	110.8	99.4	88.1	76.7	65.3	54.0	42.6	31.3
82.5°	258.6	241.5	224.5	204.6	179.0	147.7	116.5	96.6	79.6	62.5	48.3
80°	389.3	358.0	329.6	304.0	275.6	235.8	193.2	153.4	108.0	82.4	62.5
77.5°	539.8	502.9	463.1	420.5	375.1	321.1	272.8	221.6	167.6	113.7	79.6
75°	710.3	662.0	608.0	548.4	488.7	417.7	349.5	289.8	227.3	159.1	96.6
72.5°	900.7	841.0	775.7	696.1	602.4	520.0	437.6	358.0	284.1	201.7	130.7
70°	1145.0	1051.3	954.7	869.4	750.1	619.4	522.8	431.9	338.1	247.2	164.8
67.5°	1406.4	1292.8	1176.3	1051.3	900.7	747.3	608.0	505.8	394.9	289.8	196.0
65°	1690.6	1548.5	1400.8	1261.5	1054.1	872.3	716.0	576.8	448.9	329.6	227.3
62.5°	1983.2	1815.6	1645.1	1463.3	1224.6	1000.1	818.3	656.3	500.1	366.5	255.7
60°	2295.8	2099.7	1892.3	1665.0	1386.6	1139.4	914.9	738.7	554.1	403.5	287.0
57.5°	2625.4	2412.3	2167.9	1861.1	1554.2	1272.9	1025.7	812.6	602.4	437.6	309.7
55°	2983.4	2739.0	2471.9	2065.6	1719.0	1406.4	1136.5	886.5	653.5	466.0	332.4
52.5°	3369.8	3085.7	2747.5	2281.6	1892.3	1542.8	1238.8	951.8	701.8	497.2	352.3
50°	3801.7	3443.7	2989.0	2480.5	2042.9	1670.7	1341.1	1022.9	741.6	531.3	369.4
47.5°	4250.6	3864.2	3205.0	2665.1	2196.3	1795.7	1446.2	1085.4	781.4	559.7	386.4
45°	4719.4	4156.8	3429.4	2829.9	2329.9	1909.4	1525.8	1142.2	829.7	585.3	400.6
42.5°	5182.5	4378.4	3625.5	2994.7	2454.9	2011.6	1591.1	1196.2	869.4	610.9	414.8
40°	5401.3	4546.1	3781.8	3108.4	2560.0	2102.6	1648.0	1244.5	903.5	627.9	429.0
37.5°	5492.2	4648.4	3884.1	3216.3	2642.4	2150.9	1696.3	1287.1	931.9	645.0	440.4
35°	5512.1	4685.3	3935.2	3290.2	2710.6	2196.3	1733.2	1318.4	954.7	662.0	451.8
32.5°	5475.2	4673.9	3949.4	3315.8	2753.2	2230.4	1758.8	1341.1	971.7	679.1	463.1
30°	5392.8	4614.3	3898.3	3313.0	2784.5	2250.3	1775.8	1358.1	988.8	690.4	468.8
27.5°	5259.2	4509.1	3832.9	3315.8	2801.5	2258.8	1784.3	1366.7	1000.1	699.0	480.2
25°	5094.4	4367.1	3835.8	3310.1	2804.4	2261.7	1784.3	1366.7	1003.0	701.8	488.7
22.5°	4904.1	4367.1	3835.8	3301.6	2787.3	2256.0	1775.8	1361.0	1003.0	707.5	497.2
20°	4915.4	4369.9	3827.2	3284.5	2761.7	2238.9	1755.9	1346.8	994.5	716.0	502.9
17.5°	4924.0	4364.2	3810.2	3261.8	2727.6	2210.5	1730.4	1326.9	994.5	724.5	505.8
15°	4924.0	4347.2	3784.6	3227.7	2685.0	2170.8	1693.4	1309.8	997.3	727.4	511.4
12.5°	4915.4	4315.9	3744.8	3182.3	2633.9	2122.4	1670.7	1304.2	997.3	730.2	511.4
10°	4898.4	4273.3	3693.7	3125.4	2585.6	2105.4	1659.3	1292.8	991.6	730.2	511.4
7.5°	4867.1	4222.2	3651.1	3091.3	2557.2	2085.5	1642.3	1275.7	983.1	724.5	517.1
5°	4818.8	4193.8	3617.0	3051.6	2517.4	2071.3	1630.9	1261.5	977.4	724.5	511.4
2.5°	4756.3	4159.7	3577.2	3000.4	2471.9	2023.0	1594.0	1230.3	957.5	713.2	505.8
0°	4654.0	4091.5	3509.0	2929.4	2409.4	1974.7	1557.0	1199.0	937.6	701.8	500.1
-2.5°	4560.3	4000.5	3420.9	2855.5	2349.8	1932.1	1528.6	1182.0	929.1	699.0	497.2
-5°	4429.6	3875.5	3304.4	2758.9	2270.2	1889.5	1500.2	1162.1	920.6	693.3	497.2
-7.5°	4284.7	3744.8	3182.3	2659.5	2190.6	1815.6	1446.2	1130.8	900.7	681.9	494.4
-10°	4060.2	3548.8	3028.8	2545.8	2105.4	1750.2	1400.8	1102.4	883.6	670.5	483.0
-12.5°	3821.5	3332.8	2852.7	2406.6	2008.8	1682.0	1349.6	1071.2	863.8	659.2	477.3
-15°	3568.7	3111.2	2668.0	2261.7	1903.7	1599.7	1295.6	1037.1	843.9	645.0	468.8
-17.5°	3304.4	2878.2	2477.6	2113.9	1798.5	1514.4	1238.8	1005.8	821.1	630.8	460.3
-20°	3026.0	2639.6	2284.4	1963.3	1687.7	1429.2	1179.1	968.9	795.6	613.7	448.9



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CATALOG NUMBER: IFLD-L-SA7B-722-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2750.4	2403.7	2085.5	1815.6	1574.1	1341.1	1119.5	931.9	767.2	593.8	440.4
-25°	2506.0	2182.1	1909.4	1673.5	1463.3	1255.9	1057.0	895.0	735.9	573.9	429.0
-27.5°	2267.4	1991.8	1736.0	1540.0	1355.3	1173.5	997.3	855.2	704.6	551.2	417.7
-30°	2045.7	1809.9	1599.7	1409.3	1253.0	1099.6	946.2	815.5	670.5	528.5	403.5
-32.5°	1844.0	1653.6	1477.5	1295.6	1156.4	1025.7	897.9	775.7	636.5	505.8	389.3
-35°	1656.5	1508.7	1355.3	1201.9	1059.8	957.5	846.7	733.1	605.2	480.2	375.1
-37.5°	1488.8	1369.5	1247.3	1116.6	994.5	892.2	798.4	690.4	573.9	457.4	360.8
-40°	1343.9	1247.3	1139.4	1034.2	931.9	835.3	750.1	647.8	542.7	440.4	346.6
-42.5°	1210.4	1136.5	1048.4	960.4	869.4	784.2	701.8	602.4	511.4	420.5	332.4
-45°	1108.1	1034.2	963.2	883.6	806.9	733.1	650.7	562.6	483.0	397.8	318.2
-47.5°	1011.5	946.2	880.8	815.5	752.9	684.8	602.4	528.5	451.8	377.9	306.9
-50°	926.3	863.8	806.9	750.1	696.1	630.8	554.1	494.4	426.2	358.0	292.7
-52.5°	846.7	792.7	735.9	690.4	645.0	579.6	517.1	460.3	400.6	335.3	278.4
-55°	775.7	724.5	673.4	630.8	588.1	531.3	480.2	431.9	375.1	318.2	264.2
-57.5°	707.5	664.9	616.6	576.8	534.2	488.7	446.1	400.6	349.5	301.2	250.0
-60°	645.0	605.2	562.6	522.8	485.9	448.9	409.1	372.2	326.7	281.3	235.8
-62.5°	582.5	548.4	511.4	471.7	443.2	409.1	377.9	341.0	304.0	264.2	210.3
-65°	525.6	494.4	460.3	426.2	400.6	375.1	346.6	312.5	281.3	244.4	187.5
-67.5°	468.8	440.4	412.0	383.6	360.8	341.0	312.5	287.0	261.4	221.6	164.8
-70°	414.8	392.1	366.5	343.8	326.7	304.0	284.1	261.4	238.7	193.2	139.2
-72.5°	363.7	341.0	321.1	304.0	289.8	269.9	252.9	235.8	204.6	162.0	116.5
-75°	304.0	289.8	278.4	264.2	250.0	235.8	221.6	201.7	170.5	130.7	90.9
-77.5°	250.0	241.5	233.0	221.6	210.3	198.9	181.8	162.0	136.4	102.3	73.9
-80°	204.6	196.0	190.4	179.0	170.5	159.1	142.1	125.0	99.4	79.6	59.7
-82.5°	156.3	150.6	144.9	139.2	130.7	119.3	102.3	88.1	73.9	59.7	45.5
-85°	110.8	108.0	102.3	96.6	88.1	79.6	68.2	59.7	51.1	39.8	31.3
-87.5°	56.8	54.0	51.1	48.3	45.5	39.8	34.1	28.4	25.6	19.9	14.2
-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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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	11.4	8.5	2.8	0.0
85°	22.7	14.2	5.7	0.0
82.5°	34.1	22.7	8.5	0.0
80°	45.5	28.4	14.2	0.0
77.5°	56.8	34.1	17.0	0.0
75°	68.2	42.6	19.9	0.0
72.5°	76.7	48.3	22.7	0.0
70°	90.9	56.8	25.6	0.0
67.5°	113.7	62.5	28.4	0.0
65°	133.5	68.2	31.3	0.0
62.5°	156.3	73.9	34.1	0.0
60°	176.2	79.6	36.9	0.0
57.5°	196.0	93.8	39.8	0.0
55°	213.1	105.1	42.6	0.0
52.5°	233.0	116.5	45.5	0.0
50°	250.0	127.9	48.3	0.0
47.5°	264.2	139.2	48.3	0.0
45°	275.6	147.7	51.1	0.0
42.5°	284.1	156.3	54.0	0.0
40°	292.7	164.8	56.8	0.0
37.5°	301.2	173.3	56.8	0.0
35°	309.7	181.8	59.7	0.0
32.5°	318.2	190.4	59.7	0.0
30°	323.9	196.0	62.5	0.0
27.5°	332.4	201.7	62.5	0.0
25°	335.3	207.4	65.3	0.0
22.5°	341.0	210.3	65.3	0.0
20°	346.6	215.9	65.3	0.0
17.5°	349.5	218.8	68.2	0.0
15°	349.5	221.6	71.0	0.0
12.5°	352.3	224.5	71.0	0.0
10°	352.3	230.1	68.2	0.0
7.5°	358.0	227.3	68.2	0.0
5°	355.2	227.3	68.2	0.0
2.5°	352.3	224.5	68.2	0.0
0°	349.5	224.5	68.2	0.0
-2.5°	349.5	224.5	68.2	0.0
-5°	349.5	224.5	68.2	0.0
-7.5°	346.6	227.3	68.2	0.0
-10°	341.0	227.3	68.2	0.0
-12.5°	338.1	218.8	68.2	0.0
-15°	335.3	215.9	68.2	0.0
-17.5°	329.6	213.1	65.3	0.0
-20°	323.9	210.3	65.3	0.0



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 CATALOG NUMBER: IFLD-L-SA7B-722-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	318.2	204.6	65.3	0.0
-25°	312.5	198.9	62.5	0.0
-27.5°	306.9	193.2	62.5	0.0
-30°	298.3	187.5	59.7	0.0
-32.5°	289.8	181.8	59.7	0.0
-35°	284.1	173.3	56.8	0.0
-37.5°	275.6	164.8	56.8	0.0
-40°	267.1	156.3	54.0	0.0
-42.5°	258.6	147.7	51.1	0.0
-45°	247.2	139.2	51.1	0.0
-47.5°	238.7	130.7	48.3	0.0
-50°	224.5	119.3	45.5	0.0
-52.5°	207.4	108.0	42.6	0.0
-55°	190.4	99.4	39.8	0.0
-57.5°	173.3	88.1	39.8	0.0
-60°	156.3	76.7	36.9	0.0
-62.5°	139.2	71.0	34.1	0.0
-65°	122.2	65.3	31.3	0.0
-67.5°	102.3	56.8	28.4	0.0
-70°	85.2	51.1	25.6	0.0
-72.5°	73.9	45.5	22.7	0.0
-75°	62.5	39.8	19.9	0.0
-77.5°	54.0	34.1	17.0	0.0
-80°	42.6	25.6	11.4	0.0
-82.5°	31.3	19.9	8.5	0.0
-85°	19.9	14.2	5.7	0.0
-87.5°	11.4	5.7	2.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)