

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: P721971

Luminaire Tested: **IFLD-S-SA6C-722-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P721971
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-722-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

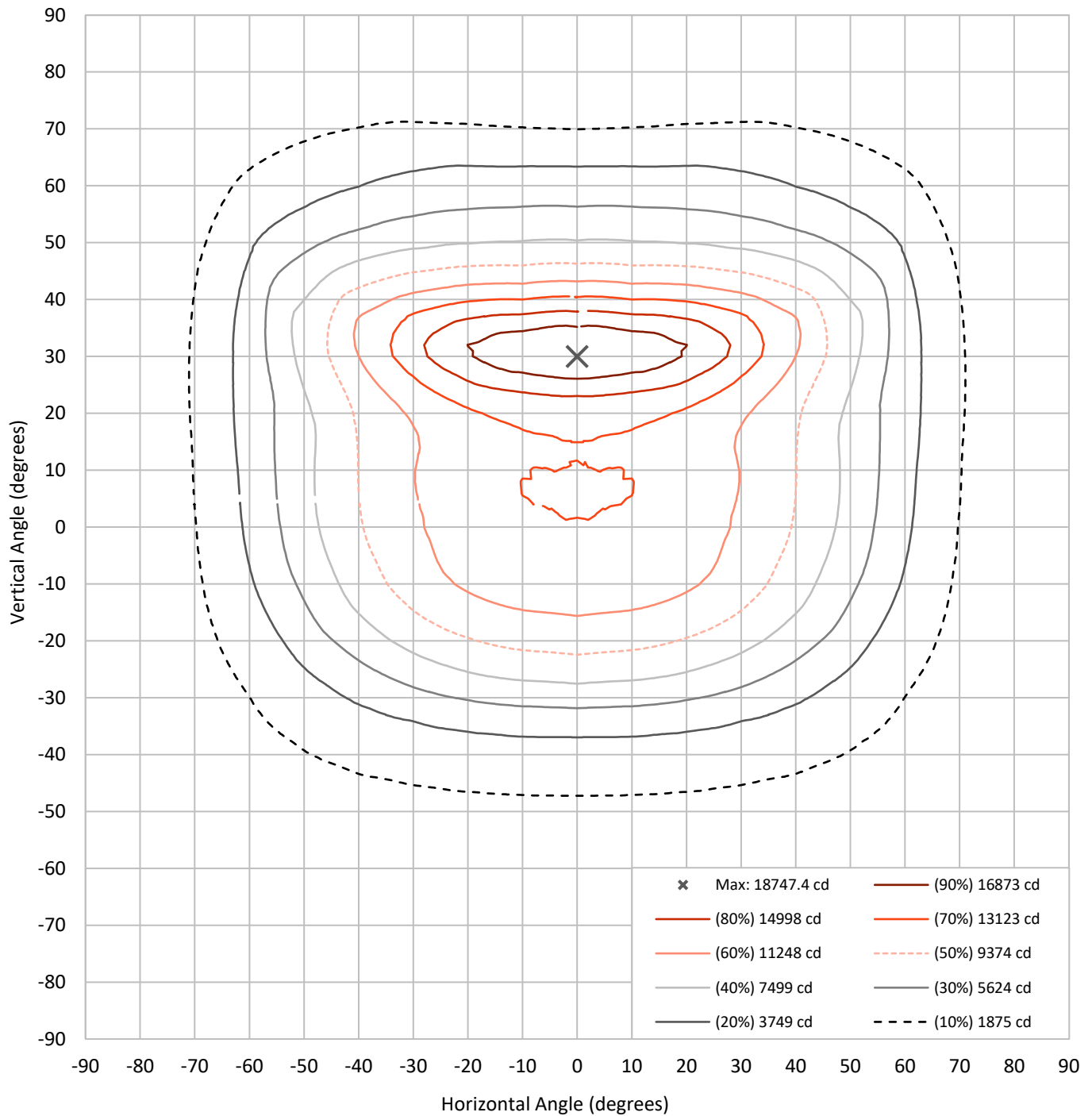
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	31294.2 lumens	Max Intensity:	18747.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	97.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	18197.9 lumens	Field Lumens:	29326.7 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 321.5
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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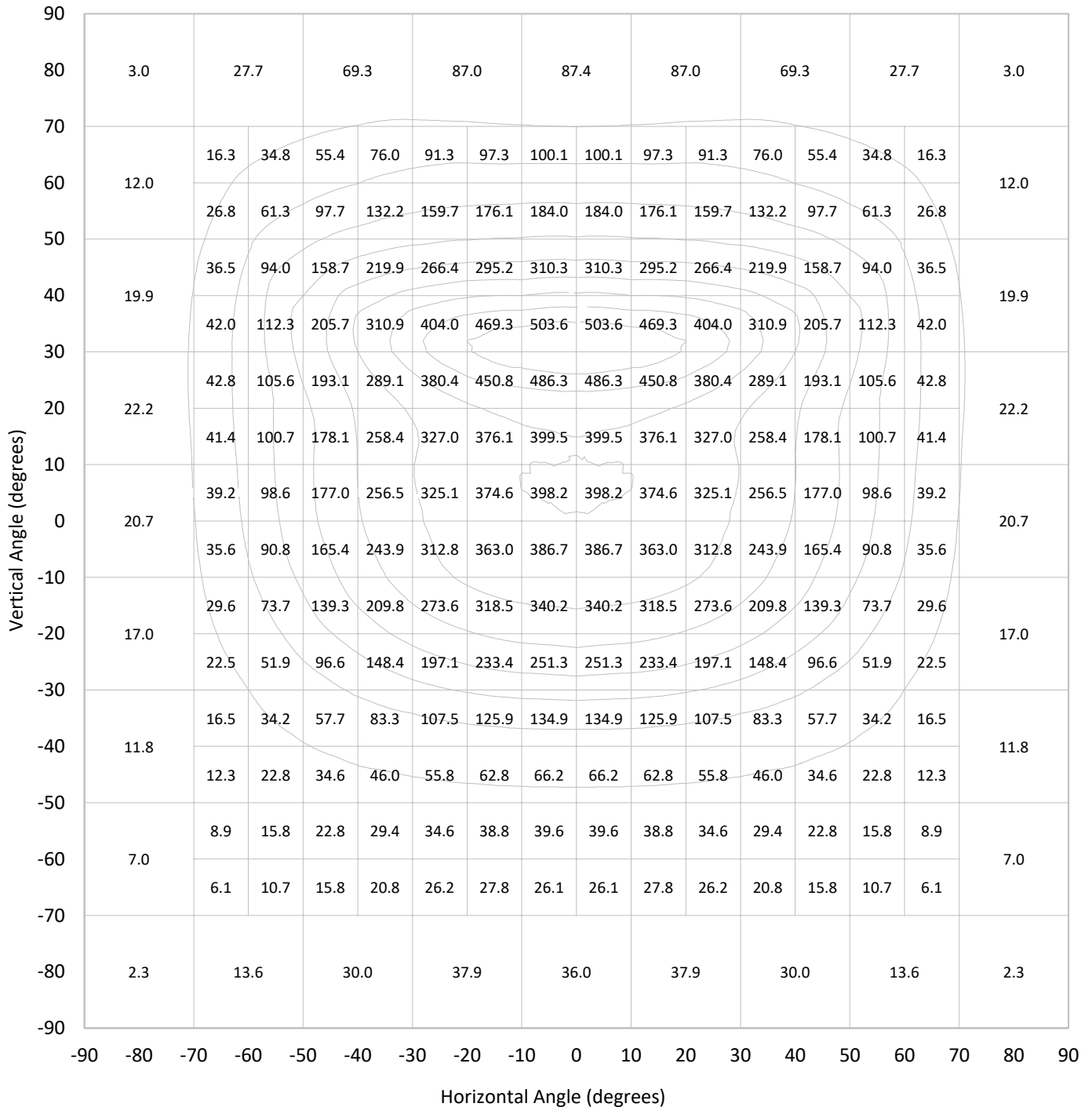
Iso-Candela Plot





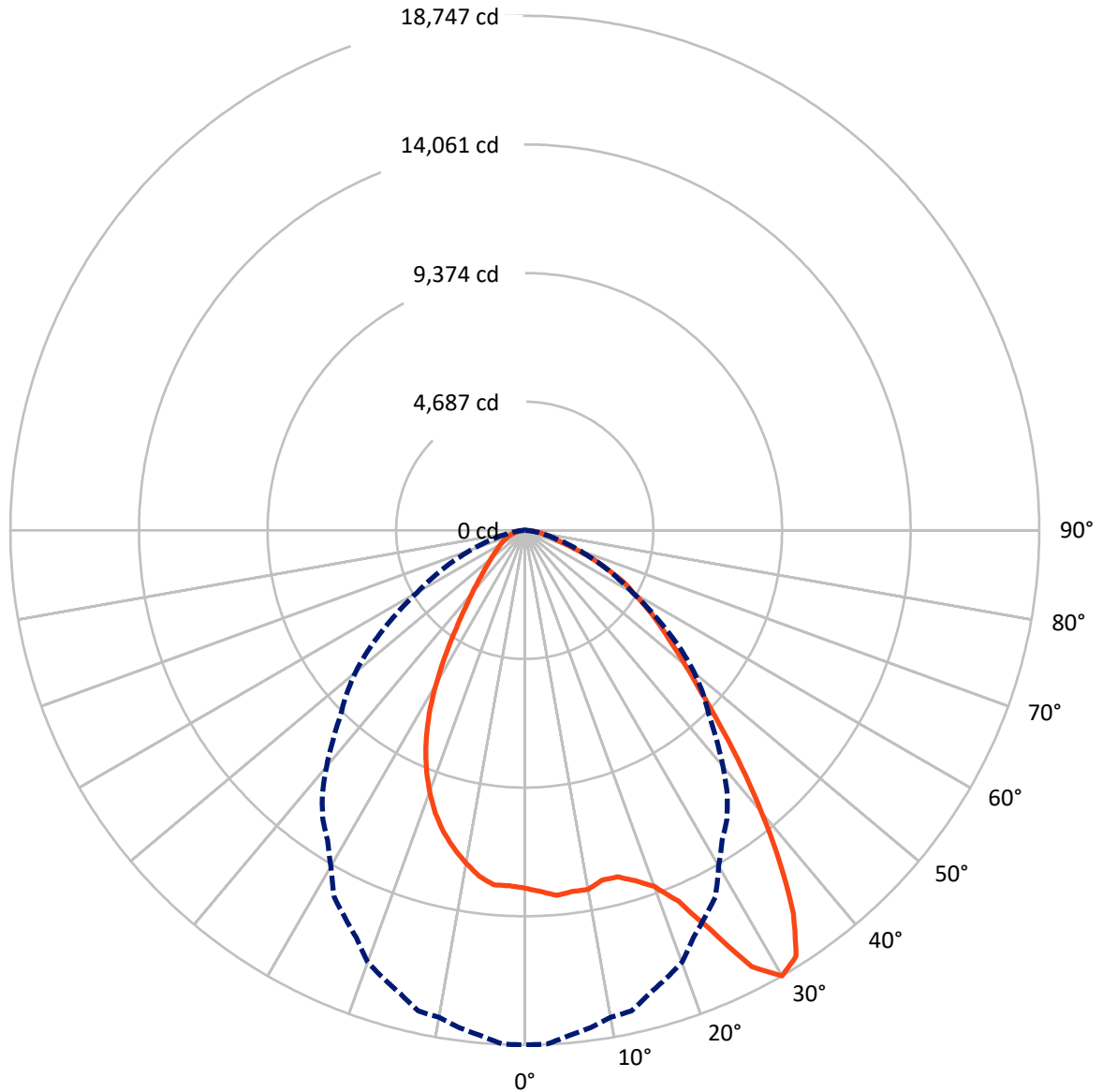
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Lumen Table



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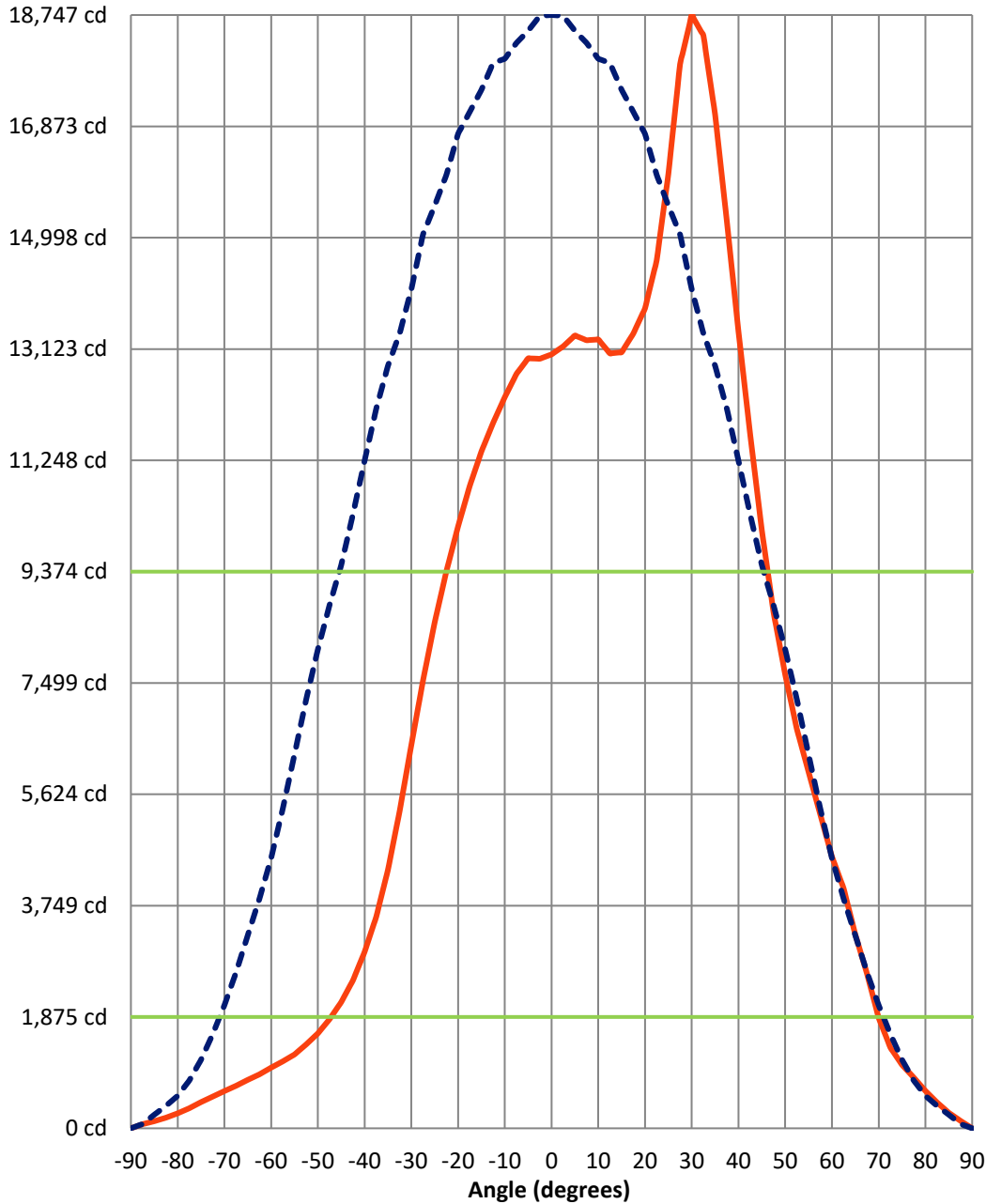
Luminous Intensity Polar Plot



— 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: 18197.9
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 29326.7
 Efficiency: 93.7%

Spill:
 Lumens: 1967.5
 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°	126.0	129.3	132.6	132.6	129.3	129.3	129.3	126.0	129.3	129.3	129.3
85°	261.9	268.5	275.2	271.8	268.5	261.9	255.3	258.6	261.9	265.2	265.2
82.5°	434.3	444.2	450.9	447.6	440.9	434.3	427.7	431.0	437.6	440.9	440.9
80°	629.9	633.2	636.5	643.1	633.2	633.2	629.9	643.1	649.8	656.4	663.0
77.5°	855.3	858.6	858.6	862.0	865.3	868.6	868.6	891.8	908.4	918.3	928.3
75°	1067.5	1077.4	1087.4	1097.3	1110.6	1117.2	1127.2	1160.3	1186.8	1206.7	1226.6
72.5°	1359.2	1372.5	1389.1	1412.3	1435.5	1452.1	1475.3	1515.0	1544.9	1564.8	1588.0
70°	1859.8	1873.1	1889.7	1906.2	1929.4	1946.0	1969.2	2019.0	2048.8	2062.1	2075.3
67.5°	2602.4	2635.6	2665.4	2632.3	2615.7	2592.5	2599.1	2645.5	2675.4	2695.3	2691.9
65°	3262.2	3285.4	3285.4	3282.0	3268.8	3238.9	3255.5	3311.9	3345.0	3361.6	3311.9
62.5°	4037.9	4037.9	4021.3	4047.9	4051.2	4031.3	4021.3	4024.7	4028.0	4037.9	3955.0
60°	4575.0	4608.1	4618.1	4641.3	4647.9	4647.9	4664.5	4677.7	4677.7	4657.9	4561.7
57.5°	5284.4	5347.4	5360.7	5344.1	5310.9	5267.9	5261.2	5241.3	5201.5	5161.8	5115.4
55°	6000.5	6033.7	6030.3	6020.4	5987.2	5937.5	5944.2	5917.6	5854.6	5804.9	5741.9
52.5°	6719.9	6799.5	6812.7	6792.8	6746.4	6693.4	6696.7	6666.9	6603.9	6550.8	6464.6
50°	7638.2	7704.5	7697.9	7664.7	7598.4	7558.7	7562.0	7505.6	7432.7	7416.1	7303.4
47.5°	8689.1	8765.4	8752.1	8705.7	8616.2	8599.6	8616.2	8543.3	8500.2	8463.7	8331.1
45°	10068.3	10157.8	10108.0	10018.5	9876.0	9892.6	9915.8	9902.5	9809.7	9713.5	9544.5
42.5°	11686.1	11742.4	11682.8	11593.2	11414.2	11447.4	11434.1	11354.6	11298.2	11139.1	10923.6
40°	13416.6	13539.3	13446.4	13307.2	13121.6	13171.3	13134.8	13032.0	12899.4	12700.5	12428.7
37.5°	15283.1	15379.2	15273.1	15110.7	14944.9	14928.3	14855.4	14696.3	14507.3	14288.5	13854.2
35°	17070.0	17318.6	17123.0	16864.4	16662.2	16585.9	16516.3	16148.3	15932.8	15578.1	14984.7
32.5°	18399.4	18581.7	18339.7	18071.1	17825.8	17719.7	17474.4	17036.8	16920.8	16174.9	15631.2
30°	18747.4	18734.2	18482.2	18276.7	18011.5	17938.5	17487.7	17116.4	16745.1	16055.5	15538.3
27.5°	17918.6	17835.8	17593.8	17414.7	17152.8	17066.6	16622.4	16423.5	15850.0	15266.5	14828.9
25°	16072.1	16115.2	15932.8	15843.3	15670.9	15485.3	15309.6	15041.1	14683.0	14172.5	13771.3
22.5°	14616.7	14673.1	14596.8	14490.7	14358.1	14255.4	14122.7	13913.9	13569.1	13254.2	12876.2
20°	13807.8	13791.2	13724.9	13645.4	13519.4	13446.4	13300.6	13124.9	12859.7	12587.8	12180.0
17.5°	13383.5	13280.7	13217.7	13187.9	13121.6	13028.7	12856.3	12677.3	12471.8	12163.5	11865.1
15°	13068.5	13085.1	13035.4	13012.2	12959.1	12829.8	12654.1	12508.2	12229.8	12074.0	11802.1
12.5°	13048.6	13032.0	13035.4	13025.4	12959.1	12793.4	12703.8	12518.2	12339.2	12133.6	11822.0
10°	13284.0	13108.3	13121.6	13168.0	13061.9	12929.3	12833.1	12630.9	12461.8	12199.9	11891.6
7.5°	13270.7	13181.2	13207.8	13131.5	13164.7	13002.2	12869.6	12667.4	12455.2	12176.7	11898.2
5°	13350.3	13214.4	13191.2	13197.8	13114.9	12992.3	12813.2	12621.0	12422.0	12110.4	11825.3
2.5°	13168.0	13187.9	13081.8	13042.0	13032.0	12826.5	12660.7	12475.1	12269.5	11994.4	11739.1
0°	13032.0	13068.5	12959.1	12902.8	12899.4	12723.7	12617.6	12405.5	12259.6	12030.9	11722.5
-2.5°	12959.1	13002.2	13015.5	12912.7	12813.2	12677.3	12498.3	12269.5	12030.9	11765.6	11500.4
-5°	12965.7	12879.5	12843.1	12876.2	12790.0	12654.1	12455.2	12253.0	12017.6	11732.5	11401.0
-7.5°	12703.8	12617.6	12611.0	12594.4	12574.5	12445.3	12279.5	12060.7	11822.0	11556.8	11248.5
-10°	12312.6	12249.7	12233.1	12216.5	12163.5	12087.2	11931.4	11732.5	11517.0	11251.8	10923.6
-12.5°	11878.4	11848.5	11785.5	11742.4	11689.4	11599.9	11450.7	11268.4	11052.9	10817.5	10535.7
-15°	11397.7	11341.3	11278.3	11241.8	11165.6	11059.5	10910.3	10741.2	10505.9	10273.8	10008.6
-17.5°	10817.5	10747.9	10678.3	10668.3	10615.3	10452.8	10313.6	10108.0	9902.5	9680.4	9421.8
-20°	10134.6	10038.4	9992.0	9965.5	9892.6	9773.2	9624.0	9435.1	9236.1	9024.0	8725.6



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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°	9378.7	9295.8	9216.3	9166.5	9103.5	9010.7	8868.2	8702.4	8506.8	8268.1	7992.9
-25°	8520.1	8404.0	8354.3	8297.9	8264.8	8178.6	8039.4	7886.9	7684.6	7452.6	7190.7
-27.5°	7538.8	7445.9	7419.4	7339.8	7300.1	7210.6	7094.5	6952.0	6766.3	6547.5	6332.0
-30°	6454.7	6398.3	6355.2	6275.7	6245.8	6149.7	6073.4	5954.1	5785.0	5629.2	5456.8
-32.5°	5340.8	5284.4	5271.2	5234.7	5214.8	5151.8	5065.6	4979.4	4843.5	4727.5	4588.2
-35°	4352.9	4313.1	4316.4	4313.1	4293.2	4246.8	4140.7	4117.5	4018.0	3911.9	3822.4
-37.5°	3563.8	3567.2	3563.8	3560.5	3534.0	3514.1	3437.9	3408.0	3348.4	3245.6	3192.5
-40°	2970.4	2977.0	2973.7	2967.1	2937.3	2927.3	2877.6	2837.8	2814.6	2741.7	2685.3
-42.5°	2489.7	2499.7	2496.3	2493.0	2473.1	2469.8	2443.3	2396.9	2383.6	2340.5	2280.9
-45°	2125.0	2121.7	2115.1	2121.7	2111.8	2101.8	2085.3	2055.4	2038.8	2019.0	1969.2
-47.5°	1836.6	1839.9	1833.3	1833.3	1820.0	1810.1	1803.5	1783.6	1770.3	1753.7	1723.9
-50°	1597.9	1611.2	1607.9	1604.6	1594.6	1588.0	1588.0	1568.1	1548.2	1541.6	1521.7
-52.5°	1412.3	1422.2	1425.5	1432.2	1435.5	1438.8	1428.9	1409.0	1375.8	1372.5	1362.5
-55°	1243.2	1273.0	1292.9	1306.2	1319.4	1329.4	1309.5	1283.0	1249.8	1236.6	1233.3
-57.5°	1127.2	1157.0	1180.2	1200.1	1216.7	1233.3	1213.4	1186.8	1157.0	1140.4	1137.1
-60°	1021.1	1047.6	1070.8	1097.3	1120.5	1147.1	1137.1	1117.2	1100.6	1087.4	1074.1
-62.5°	908.4	934.9	961.4	994.6	1024.4	1050.9	1054.2	1050.9	1047.6	1050.9	1027.7
-65°	815.5	828.8	845.4	881.8	915.0	944.8	961.4	971.4	987.9	1004.5	981.3
-67.5°	716.1	732.7	752.6	779.1	805.6	825.5	848.7	875.2	901.7	928.3	911.7
-70°	626.6	639.8	656.4	669.7	686.2	699.5	719.4	749.2	779.1	805.6	799.0
-72.5°	533.7	547.0	557.0	563.6	573.5	580.2	590.1	616.6	636.5	649.8	649.8
-75°	440.9	454.2	464.1	467.4	474.1	477.4	484.0	494.0	503.9	507.2	510.5
-77.5°	338.2	351.4	361.4	368.0	374.6	381.2	384.6	391.2	394.5	394.5	397.8
-80°	252.0	261.9	268.5	278.5	281.8	288.4	295.1	298.4	301.7	301.7	305.0
-82.5°	179.0	185.7	192.3	198.9	205.5	208.9	215.5	218.8	222.1	225.4	228.7
-85°	119.3	126.0	132.6	139.2	142.6	145.9	149.2	152.5	155.8	159.1	162.4
-87.5°	69.6	72.9	76.2	82.9	86.2	92.8	96.1	92.8	96.1	96.1	96.1
-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°	129.3	129.3	129.3	129.3	126.0	119.3	116.0	109.4	102.8	96.1	89.5
85°	268.5	271.8	271.8	271.8	265.2	261.9	252.0	242.0	228.7	208.9	192.3
82.5°	447.6	450.9	450.9	447.6	440.9	431.0	417.7	401.1	374.6	348.1	324.9
80°	673.0	676.3	676.3	673.0	656.4	639.8	623.3	603.4	570.2	533.7	494.0
77.5°	941.5	948.1	948.1	938.2	915.0	895.1	868.6	835.4	785.7	732.7	679.6
75°	1253.1	1269.7	1273.0	1263.1	1233.3	1196.8	1153.7	1097.3	1021.1	954.8	891.8
72.5°	1614.5	1631.1	1644.3	1631.1	1588.0	1538.3	1475.3	1409.0	1332.7	1243.2	1137.1
70°	2088.6	2105.2	2115.1	2072.0	1995.7	1912.9	1836.6	1760.4	1670.9	1561.5	1445.4
67.5°	2685.3	2668.7	2648.8	2562.6	2466.5	2367.1	2261.0	2148.2	2032.2	1916.2	1780.3
65°	3258.8	3212.4	3169.3	3066.6	2943.9	2814.6	2691.9	2566.0	2426.7	2280.9	2151.6
62.5°	3862.2	3762.8	3656.7	3530.7	3404.7	3262.2	3139.5	2990.3	2834.5	2655.5	2489.7
60°	4455.6	4336.3	4230.2	4074.4	3908.6	3716.3	3583.7	3437.9	3255.5	3063.2	2867.6
57.5°	5029.2	4899.9	4783.8	4647.9	4468.9	4260.0	4114.2	3925.2	3732.9	3490.9	3292.0
55°	5639.2	5509.9	5417.0	5264.5	5068.9	4876.7	4717.5	4518.6	4250.1	3991.5	3746.2
52.5°	6338.7	6235.9	6136.4	5980.6	5745.2	5549.6	5373.9	5151.8	4870.0	4551.8	4256.7
50°	7121.0	7068.0	6961.9	6779.6	6511.0	6338.7	6106.6	5811.5	5509.9	5175.0	4807.0
47.5°	8158.7	8072.5	7923.3	7724.4	7499.0	7240.4	6928.8	6584.0	6156.3	5785.0	5393.8
45°	9398.6	9239.5	9047.2	8778.6	8500.2	8208.4	7867.0	7429.4	6855.8	6371.8	5960.7
42.5°	10741.2	10525.8	10263.9	9912.4	9551.1	9193.0	8825.1	8228.3	7512.2	6955.3	6491.2
40°	12143.6	11868.4	11540.2	11029.7	10628.5	10167.7	9746.7	8854.9	8092.4	7489.0	6995.1
37.5°	13516.1	13168.0	12617.6	11997.7	11530.3	11152.3	10227.4	9272.6	8589.7	7926.6	7426.0
35°	14567.0	14271.9	13300.6	12657.4	12256.3	11659.6	10502.5	9524.6	8801.9	8251.5	7472.5
32.5°	15190.2	14427.7	13575.7	12926.0	12594.4	11616.5	10522.4	9597.5	8901.3	8284.7	7353.1
30°	15051.0	14129.4	13383.5	12839.8	12120.4	11241.8	10336.8	9484.8	8808.5	8062.6	7220.5
27.5°	14212.3	13499.5	12833.1	12266.2	11560.1	10771.1	9935.7	9186.4	8556.5	7833.8	7038.2
25°	13264.1	12617.6	12123.7	11629.7	10960.0	10207.5	9471.5	8931.1	8297.9	7585.2	6799.5
22.5°	12392.2	11928.1	11540.2	11023.0	10369.9	9713.5	9256.0	8695.8	8046.0	7323.3	6554.1
20°	11835.3	11520.3	11076.1	10505.9	9992.0	9580.9	9073.7	8480.3	7810.6	7054.7	6345.3
17.5°	11566.7	11202.1	10708.1	10336.8	9942.3	9491.4	8924.5	8294.6	7581.9	6932.1	6368.5
15°	11427.5	11042.9	10718.0	10353.4	9909.1	9435.1	8805.2	8152.1	7581.9	6981.8	6385.1
12.5°	11457.3	11125.8	10771.1	10373.3	9895.9	9388.6	8818.4	8211.7	7621.6	7018.3	6388.4
10°	11550.2	11202.1	10824.1	10383.2	9902.5	9401.9	8854.9	8248.2	7641.5	7034.9	6381.8
7.5°	11583.3	11205.4	10800.9	10356.7	9885.9	9395.3	8861.5	8258.2	7644.8	7031.5	6361.9
5°	11480.5	11139.1	10747.9	10300.3	9839.5	9362.1	8835.0	8244.9	7618.3	6998.4	6312.1
2.5°	11341.3	11066.1	10691.5	10260.5	9793.1	9315.7	8791.9	8185.2	7558.7	6938.7	6249.1
0°	11318.1	10976.6	10598.7	10214.1	9716.8	9212.9	8692.5	8072.5	7449.3	6826.0	6139.7
-2.5°	11165.6	10804.2	10426.3	10008.6	9571.0	9063.8	8516.7	7910.1	7293.4	6680.1	6020.4
-5°	11049.6	10648.4	10247.3	9796.4	9355.5	8848.3	8281.4	7691.3	7087.9	6491.2	5854.6
-7.5°	10893.7	10482.7	10061.6	9590.9	9113.5	8596.3	8036.0	7445.9	6852.5	6259.1	5649.1
-10°	10578.8	10217.4	9822.9	9335.6	8831.7	8314.5	7757.6	7177.4	6584.0	5983.9	5370.6
-12.5°	10197.6	9816.3	9385.3	8937.8	8486.9	8006.2	7449.3	6879.0	6282.3	5678.9	5068.9
-15°	9703.6	9329.0	8888.0	8450.4	8016.2	7555.3	7064.7	6550.8	5944.2	5350.7	4740.7
-17.5°	9087.0	8735.5	8341.0	7923.3	7492.3	7028.2	6550.8	6116.5	5549.6	4992.7	4389.3
-20°	8423.9	8095.7	7741.0	7346.5	6915.5	6461.3	6010.5	5556.3	5065.6	4575.0	4014.7



REPORT NUMBER: P721971
 CATALOG NUMBER: IFLD-S-SA6C-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°	7734.4	7402.8	7044.8	6676.8	6279.0	5858.0	5440.2	5005.9	4575.0	4130.7	3656.7
-25°	6938.7	6647.0	6318.8	5960.7	5606.0	5238.0	4840.2	4445.7	4077.7	3693.1	3305.3
-27.5°	6106.6	5838.1	5539.7	5228.1	4923.1	4614.8	4270.0	3905.3	3600.3	3282.0	2960.5
-30°	5231.4	5015.9	4773.9	4502.0	4266.7	4018.0	3729.6	3427.9	3149.4	2907.4	2648.8
-32.5°	4402.6	4220.2	4047.9	3868.8	3636.8	3444.5	3245.6	3023.5	2778.1	2549.4	2363.7
-35°	3689.8	3494.2	3421.3	3288.7	3122.9	2953.8	2808.0	2648.8	2463.2	2261.0	2108.5
-37.5°	3089.8	2973.7	2871.0	2798.0	2688.6	2552.7	2436.7	2320.6	2178.1	2025.6	1873.1
-40°	2622.3	2542.8	2430.0	2393.6	2324.0	2231.1	2111.8	2022.3	1926.1	1810.1	1680.8
-42.5°	2247.7	2188.0	2115.1	2052.1	2022.3	1956.0	1863.1	1776.9	1700.7	1621.1	1521.7
-45°	1939.4	1899.6	1853.2	1796.8	1773.6	1720.6	1654.3	1558.1	1515.0	1448.7	1375.8
-47.5°	1690.8	1670.9	1637.7	1601.2	1568.1	1528.3	1468.6	1409.0	1349.3	1306.2	1249.8
-50°	1495.2	1481.9	1462.0	1432.2	1389.1	1362.5	1322.8	1269.7	1213.4	1176.9	1137.1
-52.5°	1339.3	1326.1	1312.8	1289.6	1256.5	1229.9	1196.8	1153.7	1107.3	1070.8	1037.7
-55°	1220.0	1200.1	1190.2	1170.3	1143.7	1113.9	1084.1	1054.2	1014.5	981.3	948.1
-57.5°	1127.2	1100.6	1087.4	1070.8	1044.3	1014.5	991.2	961.4	934.9	898.4	868.6
-60°	1054.2	1024.4	997.9	981.3	958.1	928.3	905.0	881.8	855.3	825.5	789.0
-62.5°	994.6	958.1	921.6	901.7	878.5	852.0	828.8	805.6	779.1	749.2	716.1
-65°	938.2	895.1	848.7	828.8	805.6	779.1	749.2	732.7	709.5	682.9	649.8
-67.5°	868.6	822.2	782.4	759.2	736.0	712.8	686.2	669.7	646.5	613.3	580.2
-70°	765.8	736.0	709.5	689.6	669.7	649.8	623.3	596.7	570.2	540.4	510.5
-72.5°	636.5	626.6	623.3	613.3	590.1	566.9	540.4	513.9	490.6	467.4	444.2
-75°	513.9	520.5	527.1	523.8	500.6	477.4	454.2	431.0	414.4	394.5	374.6
-77.5°	407.8	414.4	421.0	421.0	404.5	391.2	374.6	358.0	344.8	328.2	308.3
-80°	314.9	324.9	334.8	341.5	328.2	318.3	305.0	291.7	278.5	265.2	252.0
-82.5°	238.7	248.6	258.6	265.2	255.3	248.6	238.7	228.7	218.8	205.5	195.6
-85°	172.4	179.0	185.7	189.0	182.3	175.7	169.1	162.4	155.8	145.9	139.2
-87.5°	99.5	102.8	106.1	109.4	102.8	96.1	92.8	86.2	82.9	76.2	72.9
-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):

	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°	82.9	76.2	69.6	66.3	59.7	49.7	43.1	36.5	29.8	23.2	19.9
85°	175.7	159.1	139.2	129.3	116.0	102.8	89.5	76.2	63.0	49.7	36.5
82.5°	301.7	281.8	261.9	238.7	208.9	172.4	135.9	112.7	92.8	72.9	56.4
80°	454.2	417.7	384.6	354.7	321.6	275.2	225.4	179.0	126.0	96.1	72.9
77.5°	629.9	586.8	540.4	490.6	437.6	374.6	318.3	258.6	195.6	132.6	92.8
75°	828.8	772.4	709.5	639.8	570.2	487.3	407.8	338.2	265.2	185.7	112.7
72.5°	1050.9	981.3	905.0	812.2	702.8	606.7	510.5	417.7	331.5	235.4	152.5
70°	1336.0	1226.6	1113.9	1014.5	875.2	722.7	610.0	503.9	394.5	288.4	192.3
67.5°	1641.0	1508.4	1372.5	1226.6	1050.9	871.9	709.5	590.1	460.8	338.2	228.7
65°	1972.5	1806.8	1634.4	1471.9	1229.9	1017.8	835.4	673.0	523.8	384.6	265.2
62.5°	2314.0	2118.4	1919.5	1707.3	1428.9	1166.9	954.8	765.8	583.5	427.7	298.4
60°	2678.7	2449.9	2207.9	1942.7	1617.8	1329.4	1067.5	862.0	646.5	470.8	334.8
57.5°	3063.2	2814.6	2529.5	2171.5	1813.4	1485.2	1196.8	948.1	702.8	510.5	361.4
55°	3481.0	3195.9	2884.2	2410.1	2005.7	1641.0	1326.1	1034.3	762.5	543.7	387.9
52.5°	3931.8	3600.3	3205.8	2662.1	2207.9	1800.2	1445.4	1110.6	818.9	580.2	411.1
50°	4435.7	4018.0	3487.6	2894.2	2383.6	1949.3	1564.8	1193.5	865.3	619.9	431.0
47.5°	4959.5	4508.7	3739.5	3109.7	2562.6	2095.2	1687.4	1266.4	911.7	653.1	450.9
45°	5506.5	4850.1	4001.4	3301.9	2718.5	2227.8	1780.3	1332.7	968.0	682.9	467.4
42.5°	6046.9	5108.7	4230.2	3494.2	2864.3	2347.2	1856.5	1395.7	1014.5	712.8	484.0
40°	6302.2	5304.3	4412.5	3626.8	2987.0	2453.2	1922.8	1452.1	1054.2	732.7	500.6
37.5°	6408.3	5423.7	4531.9	3752.8	3083.1	2509.6	1979.2	1501.8	1087.4	752.6	513.9
35°	6431.5	5466.8	4591.5	3839.0	3162.7	2562.6	2022.3	1538.3	1113.9	772.4	527.1
32.5°	6388.4	5453.5	4608.1	3868.8	3212.4	2602.4	2052.1	1564.8	1133.8	792.3	540.4
30°	6292.2	5383.9	4548.5	3865.5	3248.9	2625.6	2072.0	1584.7	1153.7	805.6	547.0
27.5°	6136.4	5261.2	4472.2	3868.8	3268.8	2635.6	2081.9	1594.6	1166.9	815.5	560.3
25°	5944.2	5095.5	4475.5	3862.2	3272.1	2638.9	2081.9	1594.6	1170.3	818.9	570.2
22.5°	5722.0	5095.5	4475.5	3852.3	3252.2	2632.3	2072.0	1588.0	1170.3	825.5	580.2
20°	5735.3	5098.8	4465.6	3832.4	3222.4	2612.4	2048.8	1571.4	1160.3	835.4	586.8
17.5°	5745.2	5092.1	4445.7	3805.8	3182.6	2579.2	2019.0	1548.2	1160.3	845.4	590.1
15°	5745.2	5072.3	4415.8	3766.1	3132.9	2532.8	1975.9	1528.3	1163.6	848.7	596.7
12.5°	5735.3	5035.8	4369.4	3713.0	3073.2	2476.5	1949.3	1521.7	1163.6	852.0	596.7
10°	5715.4	4986.1	4309.8	3646.7	3016.8	2456.6	1936.1	1508.4	1157.0	852.0	596.7
7.5°	5678.9	4926.4	4260.0	3606.9	2983.7	2433.4	1916.2	1488.5	1147.1	845.4	603.4
5°	5622.6	4893.2	4220.2	3560.5	2937.3	2416.8	1902.9	1471.9	1140.4	845.4	596.7
2.5°	5549.6	4853.5	4173.8	3500.8	2884.2	2360.4	1859.8	1435.5	1117.2	832.1	590.1
0°	5430.3	4773.9	4094.3	3418.0	2811.3	2304.1	1816.7	1399.0	1094.0	818.9	583.5
-2.5°	5320.9	4667.8	3991.5	3331.8	2741.7	2254.3	1783.6	1379.1	1084.1	815.5	580.2
-5°	5168.4	4521.9	3855.6	3219.1	2648.8	2204.6	1750.4	1355.9	1074.1	808.9	580.2
-7.5°	4999.3	4369.4	3713.0	3103.0	2556.0	2118.4	1687.4	1319.4	1050.9	795.6	576.8
-10°	4737.4	4140.7	3534.0	2970.4	2456.6	2042.2	1634.4	1286.3	1031.0	782.4	563.6
-12.5°	4458.9	3888.7	3328.5	2808.0	2343.8	1962.6	1574.7	1249.8	1007.8	769.1	557.0
-15°	4163.9	3630.1	3113.0	2638.9	2221.2	1866.5	1511.7	1210.0	984.6	752.6	547.0
-17.5°	3855.6	3358.3	2890.9	2466.5	2098.5	1767.0	1445.4	1173.6	958.1	736.0	537.1
-20°	3530.7	3079.8	2665.4	2290.8	1969.2	1667.5	1375.8	1130.5	928.3	716.1	523.8



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 CATALOG NUMBER: IFLD-S-SA6C-722-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3209.1	2804.7	2433.4	2118.4	1836.6	1564.8	1306.2	1087.4	895.1	692.9	513.9
-25°	2924.0	2546.1	2227.8	1952.7	1707.3	1465.3	1233.3	1044.3	858.6	669.7	500.6
-27.5°	2645.5	2324.0	2025.6	1796.8	1581.3	1369.2	1163.6	997.9	822.2	643.1	487.3
-30°	2386.9	2111.8	1866.5	1644.3	1462.0	1283.0	1104.0	951.5	782.4	616.6	470.8
-32.5°	2151.6	1929.4	1723.9	1511.7	1349.3	1196.8	1047.6	905.0	742.6	590.1	454.2
-35°	1932.8	1760.4	1581.3	1402.3	1236.6	1117.2	987.9	855.3	706.1	560.3	437.6
-37.5°	1737.2	1597.9	1455.4	1302.9	1160.3	1041.0	931.6	805.6	669.7	533.7	421.0
-40°	1568.1	1455.4	1329.4	1206.7	1087.4	974.7	875.2	755.9	633.2	513.9	404.5
-42.5°	1412.3	1326.1	1223.3	1120.5	1014.5	915.0	818.9	702.8	596.7	490.6	387.9
-45°	1292.9	1206.7	1123.9	1031.0	941.5	855.3	759.2	656.4	563.6	464.1	371.3
-47.5°	1180.2	1104.0	1027.7	951.5	878.5	799.0	702.8	616.6	527.1	440.9	358.0
-50°	1080.8	1007.8	941.5	875.2	812.2	736.0	646.5	576.8	497.3	417.7	341.5
-52.5°	987.9	924.9	858.6	805.6	752.6	676.3	603.4	537.1	467.4	391.2	324.9
-55°	905.0	845.4	785.7	736.0	686.2	619.9	560.3	503.9	437.6	371.3	308.3
-57.5°	825.5	775.8	719.4	673.0	623.3	570.2	520.5	467.4	407.8	351.4	291.7
-60°	752.6	706.1	656.4	610.0	566.9	523.8	477.4	434.3	381.2	328.2	275.2
-62.5°	679.6	639.8	596.7	550.3	517.2	477.4	440.9	397.8	354.7	308.3	245.3
-65°	613.3	576.8	537.1	497.3	467.4	437.6	404.5	364.7	328.2	285.1	218.8
-67.5°	547.0	513.9	480.7	447.6	421.0	397.8	364.7	334.8	305.0	258.6	192.3
-70°	484.0	457.5	427.7	401.1	381.2	354.7	331.5	305.0	278.5	225.4	162.4
-72.5°	424.3	397.8	374.6	354.7	338.2	314.9	295.1	275.2	238.7	189.0	135.9
-75°	354.7	338.2	324.9	308.3	291.7	275.2	258.6	235.4	198.9	152.5	106.1
-77.5°	291.7	281.8	271.8	258.6	245.3	232.1	212.2	189.0	159.1	119.3	86.2
-80°	238.7	228.7	222.1	208.9	198.9	185.7	165.8	145.9	116.0	92.8	69.6
-82.5°	182.3	175.7	169.1	162.4	152.5	139.2	119.3	102.8	86.2	69.6	53.0
-85°	129.3	126.0	119.3	112.7	102.8	92.8	79.6	69.6	59.7	46.4	36.5
-87.5°	66.3	63.0	59.7	56.4	53.0	46.4	39.8	33.2	29.8	23.2	16.6
-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°	13.3	9.9	3.3	0.0
85°	26.5	16.6	6.6	0.0
82.5°	39.8	26.5	9.9	0.0
80°	53.0	33.2	16.6	0.0
77.5°	66.3	39.8	19.9	0.0
75°	79.6	49.7	23.2	0.0
72.5°	89.5	56.4	26.5	0.0
70°	106.1	66.3	29.8	0.0
67.5°	132.6	72.9	33.2	0.0
65°	155.8	79.6	36.5	0.0
62.5°	182.3	86.2	39.8	0.0
60°	205.5	92.8	43.1	0.0
57.5°	228.7	109.4	46.4	0.0
55°	248.6	122.7	49.7	0.0
52.5°	271.8	135.9	53.0	0.0
50°	291.7	149.2	56.4	0.0
47.5°	308.3	162.4	56.4	0.0
45°	321.6	172.4	59.7	0.0
42.5°	331.5	182.3	63.0	0.0
40°	341.5	192.3	66.3	0.0
37.5°	351.4	202.2	66.3	0.0
35°	361.4	212.2	69.6	0.0
32.5°	371.3	222.1	69.6	0.0
30°	377.9	228.7	72.9	0.0
27.5°	387.9	235.4	72.9	0.0
25°	391.2	242.0	76.2	0.0
22.5°	397.8	245.3	76.2	0.0
20°	404.5	252.0	76.2	0.0
17.5°	407.8	255.3	79.6	0.0
15°	407.8	258.6	82.9	0.0
12.5°	411.1	261.9	82.9	0.0
10°	411.1	268.5	79.6	0.0
7.5°	417.7	265.2	79.6	0.0
5°	414.4	265.2	79.6	0.0
2.5°	411.1	261.9	79.6	0.0
0°	407.8	261.9	79.6	0.0
-2.5°	407.8	261.9	79.6	0.0
-5°	407.8	261.9	79.6	0.0
-7.5°	404.5	265.2	79.6	0.0
-10°	397.8	265.2	79.6	0.0
-12.5°	394.5	255.3	79.6	0.0
-15°	391.2	252.0	79.6	0.0
-17.5°	384.6	248.6	76.2	0.0
-20°	377.9	245.3	76.2	0.0



REPORT NUMBER: P721971

CATALOG NUMBER: IFLD-S-SA6C-722-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	371.3	238.7	76.2	0.0
-25°	364.7	232.1	72.9	0.0
-27.5°	358.0	225.4	72.9	0.0
-30°	348.1	218.8	69.6	0.0
-32.5°	338.2	212.2	69.6	0.0
-35°	331.5	202.2	66.3	0.0
-37.5°	321.6	192.3	66.3	0.0
-40°	311.6	182.3	63.0	0.0
-42.5°	301.7	172.4	59.7	0.0
-45°	288.4	162.4	59.7	0.0
-47.5°	278.5	152.5	56.4	0.0
-50°	261.9	139.2	53.0	0.0
-52.5°	242.0	126.0	49.7	0.0
-55°	222.1	116.0	46.4	0.0
-57.5°	202.2	102.8	46.4	0.0
-60°	182.3	89.5	43.1	0.0
-62.5°	162.4	82.9	39.8	0.0
-65°	142.6	76.2	36.5	0.0
-67.5°	119.3	66.3	33.2	0.0
-70°	99.5	59.7	29.8	0.0
-72.5°	86.2	53.0	26.5	0.0
-75°	72.9	46.4	23.2	0.0
-77.5°	63.0	39.8	19.9	0.0
-80°	49.7	29.8	13.3	0.0
-82.5°	36.5	23.2	9.9	0.0
-85°	23.2	16.6	6.6	0.0
-87.5°	13.3	6.6	3.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)