

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: P722028

Luminaire Tested: **IFLD-S-SA6B-730-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722028
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6B-730-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

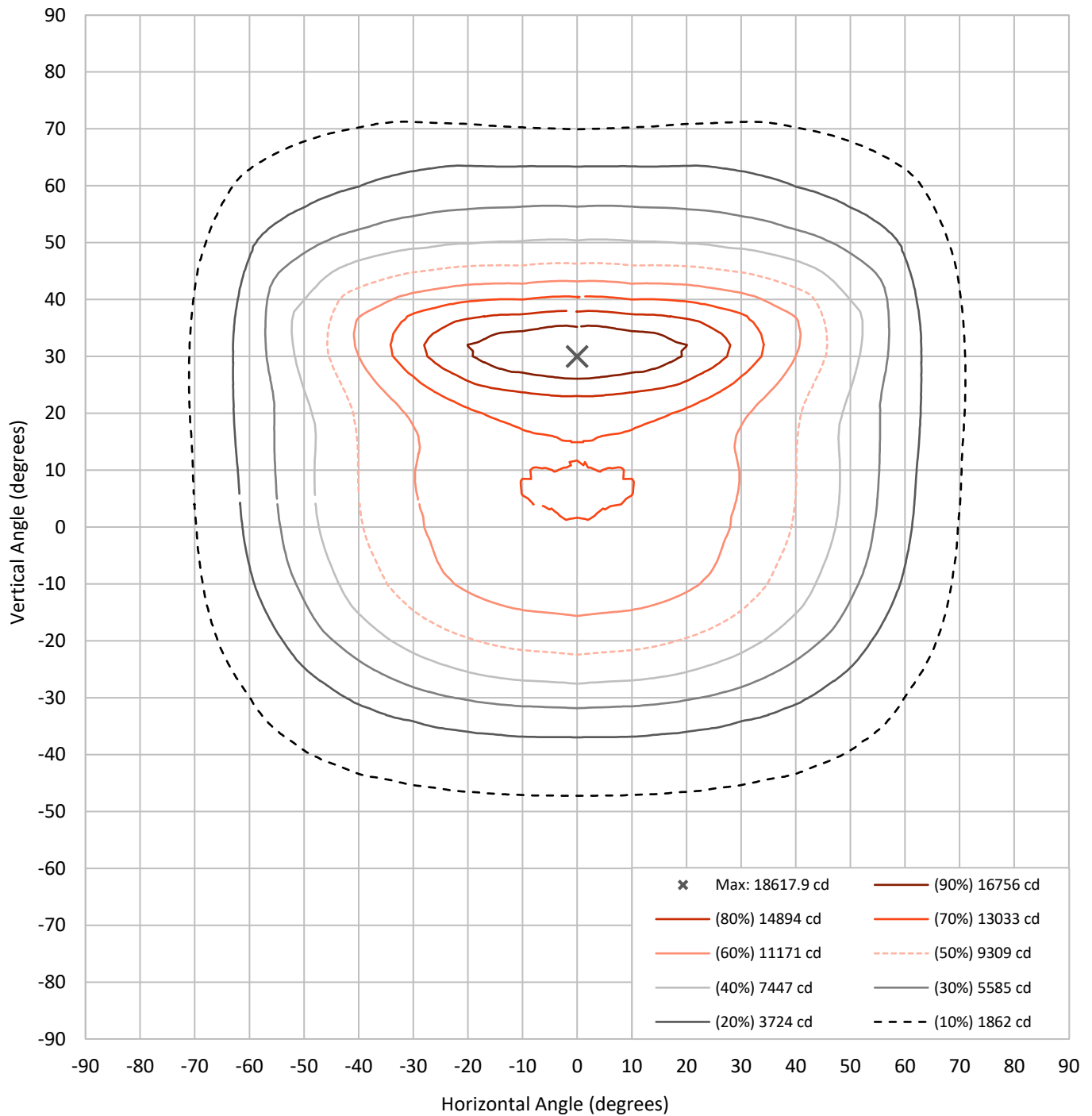
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	31077.9 lumens	Max Intensity:	18617.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	126.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	18072.2 lumens	Field Lumens:	29124 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 244.9
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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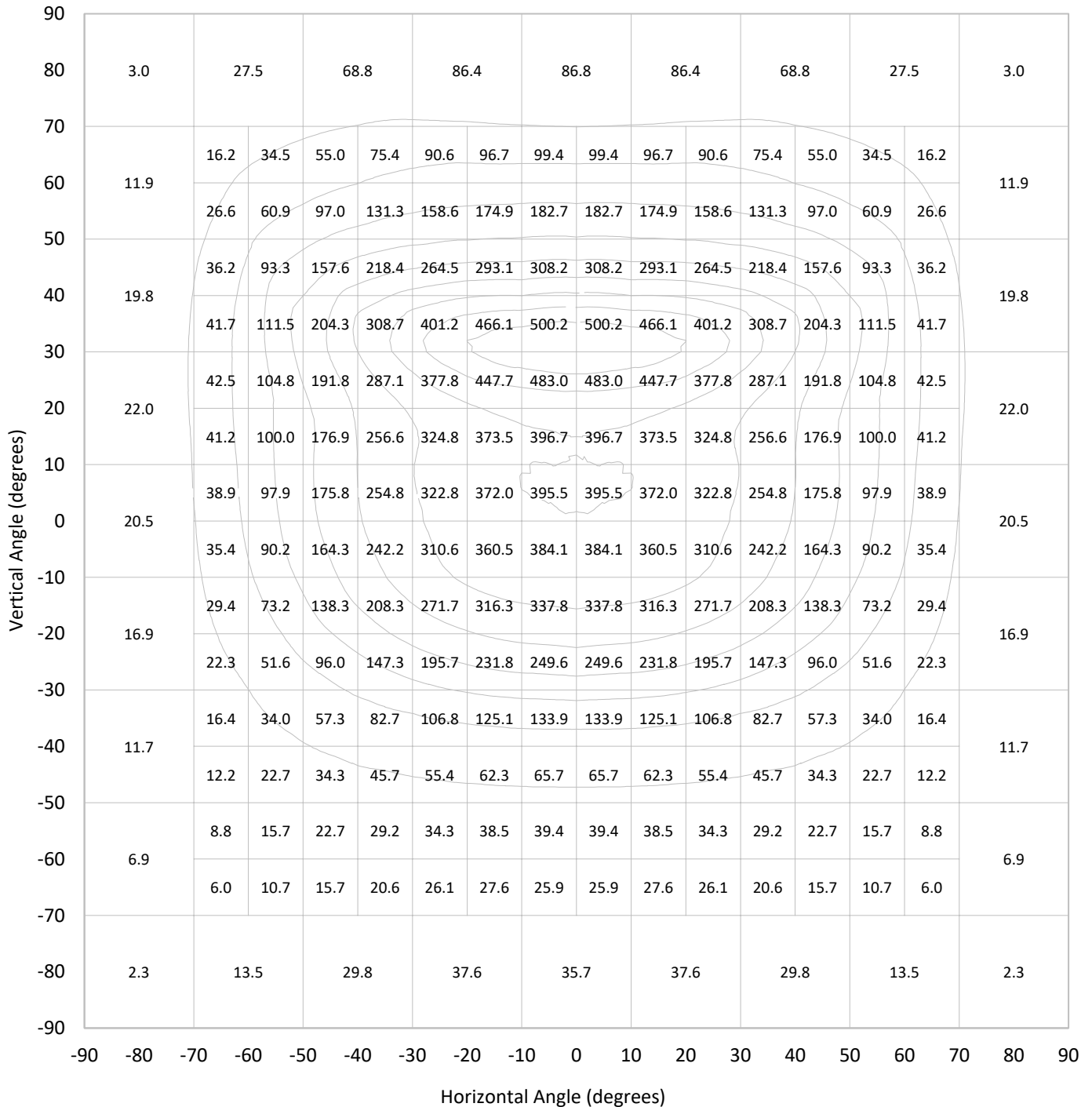
Iso-Candela Plot





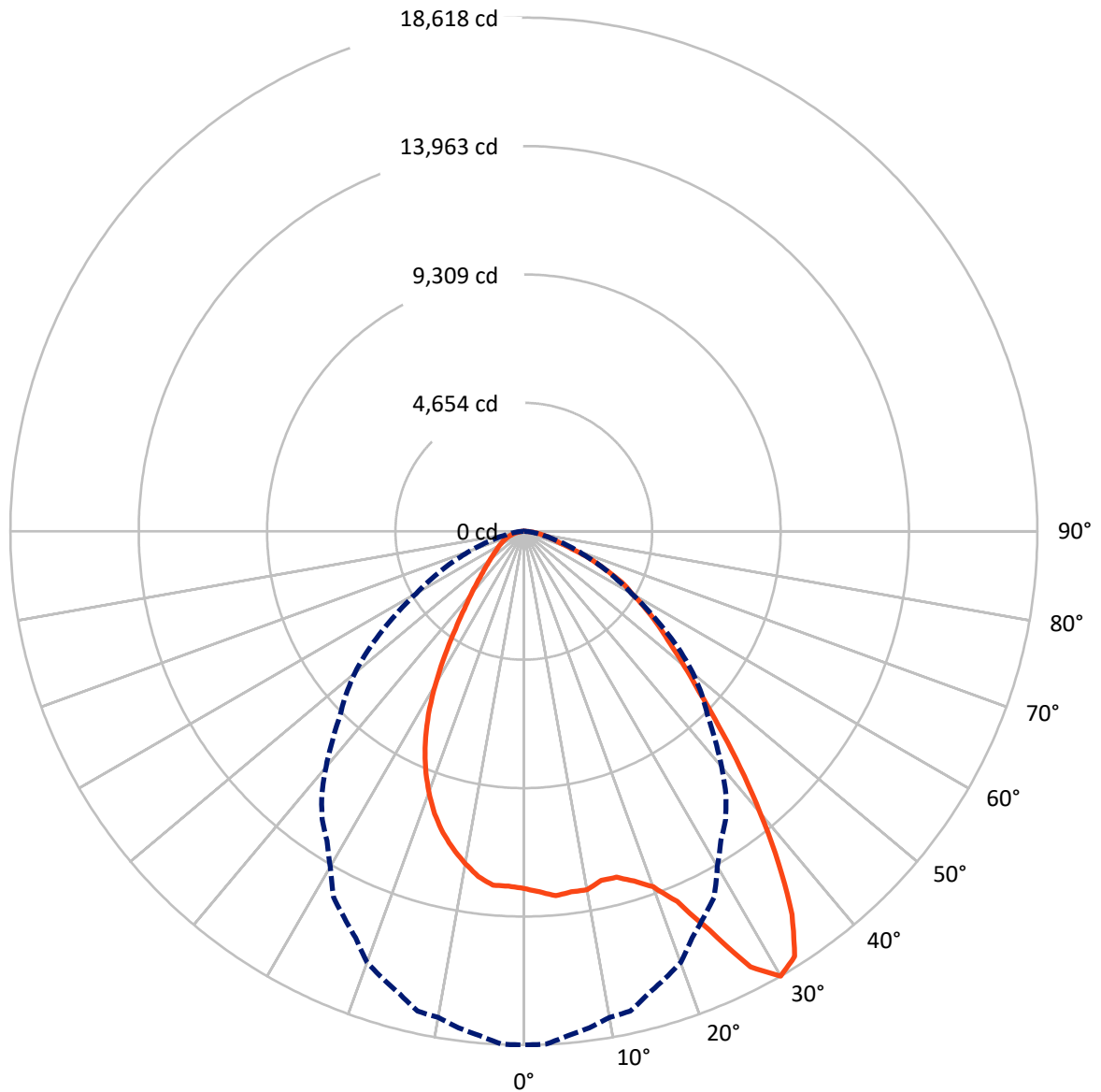
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Lumen Table



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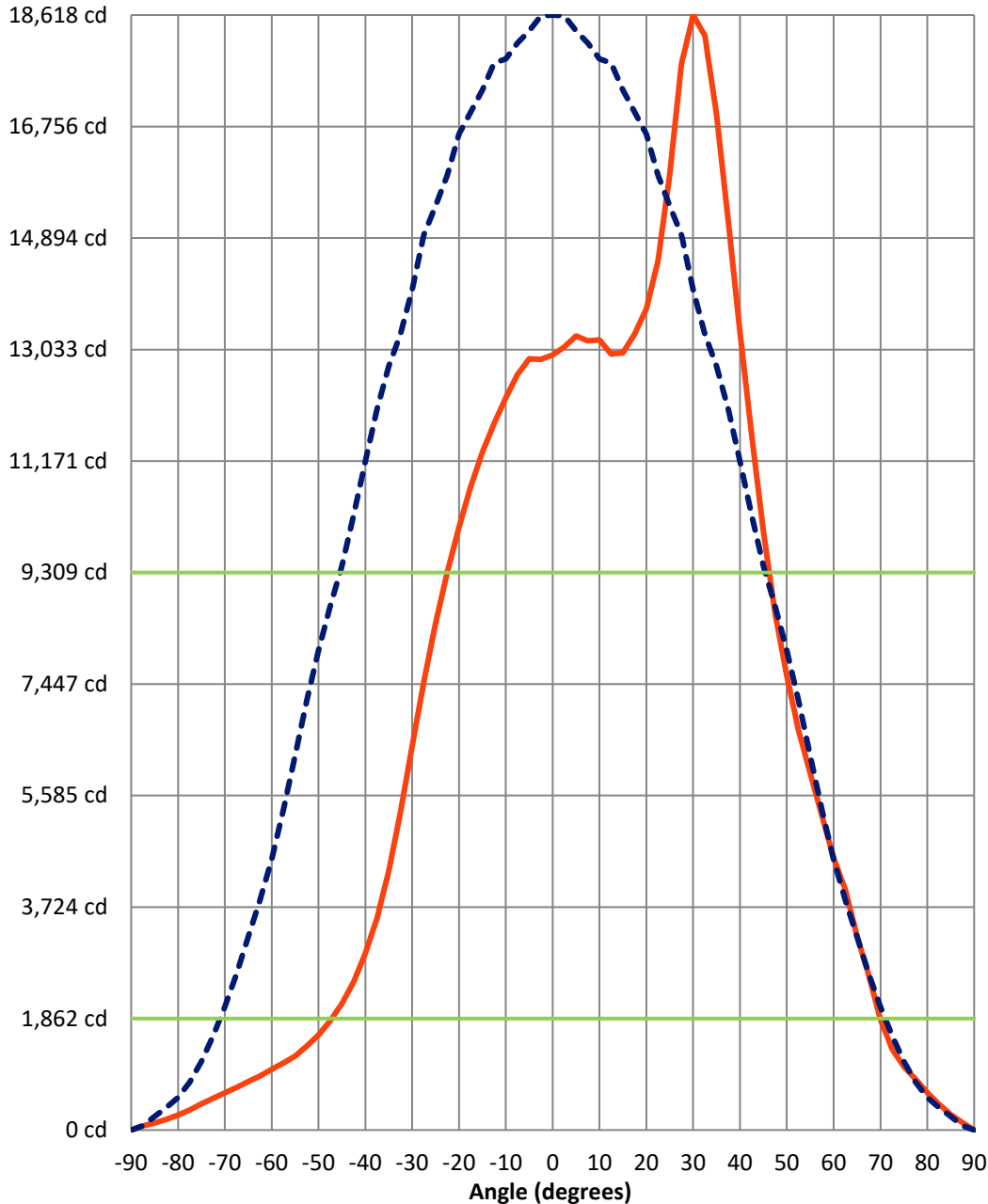
Luminous Intensity Polar Plot



— 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: 18072.2
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 29124
 Efficiency: 93.7%

Spill:
 Lumens: 1953.9
 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°	125.1	128.4	131.7	131.7	128.4	128.4	128.4	125.1	128.4	128.4	128.4
85°	260.1	266.7	273.3	270.0	266.7	260.1	253.5	256.8	260.1	263.4	263.4
82.5°	431.3	441.2	447.8	444.5	437.9	431.3	424.7	428.0	434.6	437.9	437.9
80°	625.5	628.8	632.1	638.7	628.8	628.8	625.5	638.7	645.3	651.9	658.5
77.5°	849.4	852.7	852.7	856.0	859.3	862.6	862.6	885.6	902.1	912.0	921.8
75°	1060.1	1070.0	1079.9	1089.7	1102.9	1109.5	1119.4	1152.3	1178.6	1198.4	1218.1
72.5°	1349.8	1363.0	1379.5	1402.5	1425.6	1442.0	1465.1	1504.6	1534.2	1554.0	1577.0
70°	1847.0	1860.1	1876.6	1893.1	1916.1	1932.6	1955.6	2005.0	2034.6	2047.8	2061.0
67.5°	2584.4	2617.4	2647.0	2614.1	2597.6	2574.6	2581.2	2627.2	2656.9	2676.6	2673.3
65°	3239.6	3262.7	3262.7	3259.4	3246.2	3216.6	3233.0	3289.0	3321.9	3338.4	3289.0
62.5°	4010.0	4010.0	3993.5	4019.9	4023.2	4003.4	3993.5	3996.8	4000.1	4010.0	3927.7
60°	4543.4	4576.3	4586.2	4609.2	4615.8	4615.8	4632.2	4645.4	4645.4	4625.7	4530.2
57.5°	5247.9	5310.5	5323.6	5307.2	5274.2	5231.4	5224.9	5205.1	5165.6	5126.1	5080.0
55°	5959.0	5992.0	5988.7	5978.8	5945.9	5896.5	5903.1	5876.7	5814.2	5764.8	5702.2
52.5°	6673.5	6752.5	6765.6	6745.9	6699.8	6647.1	6650.4	6620.8	6558.2	6505.6	6420.0
50°	7585.4	7651.3	7644.7	7611.8	7545.9	7506.4	7509.7	7453.7	7381.3	7364.8	7252.9
47.5°	8629.1	8704.8	8691.6	8645.5	8556.7	8540.2	8556.7	8484.2	8441.4	8405.2	8273.5
45°	9998.7	10087.6	10038.2	9949.3	9807.7	9824.2	9847.2	9834.1	9741.9	9646.4	9478.5
42.5°	11605.3	11661.3	11602.0	11513.1	11335.3	11368.3	11355.1	11276.1	11220.1	11062.1	10848.1
40°	13323.9	13445.7	13353.5	13215.2	13030.9	13080.3	13044.0	12942.0	12810.3	12612.7	12342.8
37.5°	15177.4	15272.9	15167.6	15006.2	14841.6	14825.2	14752.7	14594.7	14407.0	14189.8	13758.5
35°	16952.0	17198.9	17004.7	16747.9	16547.0	16471.3	16402.2	16036.7	15822.7	15470.5	14881.1
32.5°	18272.2	18453.3	18212.9	17946.3	17702.6	17597.3	17353.6	16919.1	16803.8	16063.1	15523.1
30°	18617.9	18604.7	18354.5	18150.4	17887.0	17814.6	17366.8	16998.1	16629.3	15944.5	15430.9
27.5°	17794.8	17712.5	17472.2	17294.4	17034.3	16948.7	16507.5	16310.0	15740.4	15161.0	14726.4
25°	15961.0	16003.8	15822.7	15733.8	15562.6	15378.3	15203.8	14937.1	14581.5	14074.5	13676.2
22.5°	14515.7	14571.7	14495.9	14390.6	14258.9	14156.8	14025.1	13817.7	13475.3	13162.6	12787.2
20°	13712.4	13695.9	13630.1	13551.0	13425.9	13353.5	13208.7	13034.2	12770.8	12500.8	12095.9
17.5°	13291.0	13188.9	13126.3	13096.7	13030.9	12938.7	12767.5	12589.7	12385.6	12079.4	11783.1
15°	12978.2	12994.7	12945.3	12922.2	12869.5	12741.1	12566.7	12421.8	12145.2	11990.5	11720.5
12.5°	12958.4	12942.0	12945.3	12935.4	12869.5	12704.9	12616.0	12431.7	12253.9	12049.8	11740.3
10°	13192.2	13017.7	13030.9	13077.0	12971.6	12839.9	12744.4	12543.6	12375.7	12115.6	11809.4
7.5°	13179.0	13090.1	13116.5	13040.7	13073.7	12912.3	12780.7	12579.8	12369.1	12092.6	11816.0
5°	13258.0	13123.1	13100.0	13106.6	13024.3	12902.5	12724.7	12533.7	12336.2	12026.7	11743.6
2.5°	13077.0	13096.7	12991.4	12951.9	12942.0	12737.9	12573.2	12388.9	12184.7	11911.5	11658.0
0°	12942.0	12978.2	12869.5	12813.6	12810.3	12635.8	12530.4	12319.7	12174.9	11947.7	11641.5
-2.5°	12869.5	12912.3	12925.5	12823.5	12724.7	12589.7	12411.9	12184.7	11947.7	11684.3	11420.9
-5°	12876.1	12790.5	12754.3	12787.2	12701.6	12566.7	12369.1	12168.3	11934.5	11651.4	11322.2
-7.5°	12616.0	12530.4	12523.9	12507.4	12487.6	12359.2	12194.6	11977.3	11740.3	11476.9	11170.7
-10°	12227.5	12165.0	12148.5	12132.1	12079.4	12003.7	11848.9	11651.4	11437.4	11174.0	10848.1
-12.5°	11796.3	11766.6	11704.1	11661.3	11608.6	11519.7	11371.6	11190.5	10976.5	10742.7	10462.9
-15°	11318.9	11262.9	11200.4	11164.1	11088.4	10983.1	10834.9	10667.0	10433.3	10202.8	9939.4
-17.5°	10742.7	10673.6	10604.5	10594.6	10541.9	10380.6	10242.3	10038.2	9834.1	9613.5	9356.7
-20°	10064.5	9969.0	9922.9	9896.6	9824.2	9705.7	9557.5	9369.8	9172.3	8961.6	8665.3



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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°	9313.9	9231.6	9152.6	9103.2	9040.6	8948.4	8806.9	8642.3	8448.0	8211.0	7937.7
-25°	8461.2	8345.9	8296.6	8240.6	8207.7	8122.1	7983.8	7832.3	7631.5	7401.1	7141.0
-27.5°	7486.7	7394.5	7368.1	7289.1	7249.6	7160.7	7045.5	6903.9	6719.6	6502.3	6288.3
-30°	6410.1	6354.1	6311.3	6232.3	6202.7	6107.2	6031.5	5912.9	5745.0	5590.3	5419.1
-32.5°	5303.9	5247.9	5234.7	5198.5	5178.8	5116.2	5030.6	4945.0	4810.0	4694.8	4556.5
-35°	4322.8	4283.3	4286.6	4283.3	4263.5	4217.4	4112.1	4089.0	3990.3	3884.9	3796.0
-37.5°	3539.2	3542.5	3539.2	3535.9	3509.6	3489.8	3414.1	3384.5	3325.2	3223.1	3170.5
-40°	2949.9	2956.5	2953.2	2946.6	2917.0	2907.1	2857.7	2818.2	2795.2	2722.7	2666.8
-42.5°	2472.5	2482.4	2479.1	2475.8	2456.0	2452.8	2426.4	2380.3	2367.2	2324.4	2265.1
-45°	2110.4	2107.1	2100.5	2107.1	2097.2	2087.3	2070.8	2041.2	2024.8	2005.0	1955.6
-47.5°	1823.9	1827.2	1820.6	1820.6	1807.5	1797.6	1791.0	1771.2	1758.1	1741.6	1712.0
-50°	1586.9	1600.1	1596.8	1593.5	1583.6	1577.0	1577.0	1557.3	1537.5	1530.9	1511.2
-52.5°	1402.5	1412.4	1415.7	1422.3	1425.6	1428.9	1419.0	1399.2	1366.3	1363.0	1353.1
-55°	1234.6	1264.2	1284.0	1297.2	1310.3	1320.2	1300.5	1274.1	1241.2	1228.0	1224.7
-57.5°	1119.4	1149.0	1172.1	1191.8	1208.3	1224.7	1205.0	1178.6	1149.0	1132.5	1129.3
-60°	1014.0	1040.4	1063.4	1089.7	1112.8	1139.1	1129.3	1109.5	1093.0	1079.9	1066.7
-62.5°	902.1	928.4	954.8	987.7	1017.3	1043.7	1046.9	1043.7	1040.4	1043.7	1020.6
-65°	809.9	823.1	839.5	875.7	908.7	938.3	954.8	964.6	981.1	997.6	974.5
-67.5°	711.1	727.6	747.3	773.7	800.0	819.8	842.8	869.2	895.5	921.8	905.4
-70°	622.2	635.4	651.9	665.0	681.5	694.7	714.4	744.1	773.7	800.0	793.4
-72.5°	530.1	543.2	553.1	559.7	569.6	576.2	586.0	612.4	632.1	645.3	645.3
-75°	437.9	451.0	460.9	464.2	470.8	474.1	480.7	490.6	500.4	503.7	507.0
-77.5°	335.8	349.0	358.9	365.4	372.0	378.6	381.9	388.5	391.8	391.8	395.1
-80°	250.2	260.1	266.7	276.6	279.8	286.4	293.0	296.3	299.6	299.6	302.9
-82.5°	177.8	184.4	191.0	197.5	204.1	207.4	214.0	217.3	220.6	223.9	227.2
-85°	118.5	125.1	131.7	138.3	141.6	144.9	148.2	151.4	154.7	158.0	161.3
-87.5°	69.1	72.4	75.7	82.3	85.6	92.2	95.5	92.2	95.5	95.5	95.5
-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):

	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°	128.4	128.4	128.4	128.4	125.1	118.5	115.2	108.6	102.1	95.5	88.9
85°	266.7	270.0	270.0	270.0	263.4	260.1	250.2	240.3	227.2	207.4	191.0
82.5°	444.5	447.8	447.8	444.5	437.9	428.0	414.8	398.4	372.0	345.7	322.6
80°	668.3	671.6	671.6	668.3	651.9	635.4	618.9	599.2	566.3	530.1	490.6
77.5°	935.0	941.6	941.6	931.7	908.7	888.9	862.6	829.7	780.3	727.6	674.9
75°	1244.5	1260.9	1264.2	1254.4	1224.7	1188.5	1145.7	1089.7	1014.0	948.2	885.6
72.5°	1603.3	1619.8	1633.0	1619.8	1577.0	1527.6	1465.1	1399.2	1323.5	1234.6	1129.3
70°	2074.1	2090.6	2100.5	2057.7	1982.0	1899.6	1823.9	1748.2	1659.3	1550.7	1435.4
67.5°	2666.8	2650.3	2630.5	2544.9	2449.5	2350.7	2245.3	2133.4	2018.2	1902.9	1768.0
65°	3236.3	3190.2	3147.4	3045.4	2923.5	2795.2	2673.3	2548.2	2410.0	2265.1	2136.7
62.5°	3835.5	3736.7	3631.4	3506.3	3381.2	3239.6	3117.8	2969.6	2814.9	2637.1	2472.5
60°	4424.8	4306.3	4201.0	4046.2	3881.6	3690.7	3559.0	3414.1	3233.0	3042.1	2847.8
57.5°	4994.4	4866.0	4750.8	4615.8	4438.0	4230.6	4085.7	3898.1	3707.1	3466.8	3269.2
55°	5600.2	5471.8	5379.6	5228.1	5033.9	4843.0	4684.9	4487.4	4220.7	3963.9	3720.3
52.5°	6294.9	6192.8	6094.0	5939.3	5705.5	5511.3	5336.8	5116.2	4836.4	4520.3	4227.3
50°	7071.8	7019.2	6913.8	6732.7	6466.0	6294.9	6064.4	5771.4	5471.8	5139.3	4773.8
47.5°	8102.3	8016.7	7868.6	7671.0	7447.2	7190.4	6880.9	6538.5	6113.8	5745.0	5356.5
45°	9333.6	9175.6	8984.6	8718.0	8441.4	8151.7	7812.6	7378.0	6808.4	6327.8	5919.5
42.5°	10667.0	10453.0	10192.9	9843.9	9485.1	9129.5	8764.1	8171.5	7460.3	6907.2	6446.3
40°	12059.6	11786.4	11460.4	10953.4	10555.1	10097.4	9679.3	8793.7	8036.5	7437.3	6946.7
37.5°	13422.6	13077.0	12530.4	11914.8	11450.6	11075.2	10156.7	9208.5	8530.3	7871.9	7374.7
35°	14466.3	14173.3	13208.7	12569.9	12171.6	11579.0	10430.0	9458.7	8741.0	8194.5	7420.8
32.5°	15085.3	14328.0	13481.9	12836.6	12507.4	11536.2	10449.7	9531.2	8839.8	8227.4	7302.3
30°	14947.0	14031.7	13291.0	12751.0	12036.6	11164.1	10265.3	9419.2	8747.6	8006.8	7170.6
27.5°	14114.0	13406.2	12744.4	12181.5	11480.2	10696.6	9867.0	9122.9	8497.4	7779.7	6989.5
25°	13172.4	12530.4	12039.9	11549.3	10884.3	10136.9	9406.1	8869.4	8240.6	7532.8	6752.5
22.5°	12306.6	11845.6	11460.4	10946.9	10298.3	9646.4	9192.1	8635.7	7990.4	7272.7	6508.8
20°	11753.5	11440.7	10999.5	10433.3	9922.9	9514.7	9011.0	8421.7	7756.6	7006.0	6301.4
17.5°	11486.8	11124.6	10634.1	10265.3	9873.6	9425.8	8862.8	8237.3	7529.5	6884.2	6324.5
15°	11348.5	10966.6	10644.0	10281.8	9840.6	9369.8	8744.3	8095.7	7529.5	6933.6	6340.9
12.5°	11378.1	11048.9	10696.6	10301.6	9827.5	9323.8	8757.5	8155.0	7569.0	6969.8	6344.2
10°	11470.3	11124.6	10749.3	10311.4	9834.1	9336.9	8793.7	8191.2	7588.7	6986.2	6337.7
7.5°	11503.2	11127.9	10726.3	10285.1	9817.6	9330.3	8800.3	8201.1	7592.0	6982.9	6317.9
5°	11401.2	11062.1	10673.6	10229.1	9771.5	9297.4	8773.9	8187.9	7565.7	6950.0	6268.5
2.5°	11262.9	10989.7	10617.6	10189.6	9725.4	9251.3	8731.1	8128.7	7506.4	6890.8	6206.0
0°	11239.9	10900.8	10525.4	10143.5	9649.7	9149.3	8632.4	8016.7	7397.8	6778.8	6097.3
-2.5°	11088.4	10729.6	10354.2	9939.4	9504.8	9001.1	8457.9	7855.4	7243.0	6634.0	5978.8
-5°	10973.2	10574.8	10176.5	9728.7	9290.8	8787.1	8224.1	7638.1	7038.9	6446.3	5814.2
-7.5°	10818.5	10410.2	9992.1	9524.6	9050.5	8536.9	7980.5	7394.5	6805.2	6215.8	5610.1
-10°	10505.7	10146.8	9755.0	9271.1	8770.6	8257.1	7703.9	7127.8	6538.5	5942.6	5333.5
-12.5°	10127.1	9748.5	9320.5	8876.0	8428.3	7950.9	7397.8	6831.5	6238.9	5639.7	5033.9
-15°	9636.5	9264.5	8826.6	8392.0	7960.7	7503.1	7015.9	6505.6	5903.1	5313.7	4708.0
-17.5°	9024.2	8675.2	8283.4	7868.6	7440.6	6979.6	6505.6	6074.3	5511.3	4958.2	4359.0
-20°	8365.7	8039.8	7687.5	7295.7	6867.7	6416.7	5968.9	5517.9	5030.6	4543.4	3987.0



REPORT NUMBER: P722028

CATALOG NUMBER: IFLD-S-SA6B-730-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	7680.9	7351.7	6996.1	6630.7	6235.6	5817.5	5402.6	4971.4	4543.4	4102.2	3631.4
-25°	6890.8	6601.0	6275.1	5919.5	5567.3	5201.8	4806.7	4415.0	4049.5	3667.6	3282.4
-27.5°	6064.4	5797.7	5501.4	5191.9	4889.0	4582.9	4240.5	3878.3	3575.4	3259.4	2940.0
-30°	5195.2	4981.2	4740.9	4470.9	4237.2	3990.3	3703.8	3404.2	3127.7	2887.3	2630.5
-32.5°	4372.2	4191.1	4019.9	3842.1	3611.6	3420.7	3223.1	3002.6	2758.9	2531.8	2347.4
-35°	3664.3	3470.1	3397.6	3265.9	3101.3	2933.4	2788.6	2630.5	2446.2	2245.3	2093.9
-37.5°	3068.4	2953.2	2851.1	2778.7	2670.0	2535.1	2419.8	2304.6	2163.0	2011.6	1860.1
-40°	2604.2	2525.2	2413.2	2377.0	2307.9	2215.7	2097.2	2008.3	1912.8	1797.6	1669.2
-42.5°	2232.2	2172.9	2100.5	2037.9	2008.3	1942.4	1850.3	1764.7	1688.9	1609.9	1511.2
-45°	1926.0	1886.5	1840.4	1784.4	1761.4	1708.7	1642.9	1547.4	1504.6	1438.7	1366.3
-47.5°	1679.1	1659.3	1626.4	1590.2	1557.3	1517.7	1458.5	1399.2	1340.0	1297.2	1241.2
-50°	1484.8	1471.7	1451.9	1422.3	1379.5	1353.1	1313.6	1260.9	1205.0	1168.8	1129.3
-52.5°	1330.1	1316.9	1303.7	1280.7	1247.8	1221.4	1188.5	1145.7	1099.6	1063.4	1030.5
-55°	1211.6	1191.8	1181.9	1162.2	1135.8	1106.2	1076.6	1046.9	1007.4	974.5	941.6
-57.5°	1119.4	1093.0	1079.9	1063.4	1037.1	1007.4	984.4	954.8	928.4	892.2	862.6
-60°	1046.9	1017.3	991.0	974.5	951.5	921.8	898.8	875.7	849.4	819.8	783.6
-62.5°	987.7	951.5	915.3	895.5	872.5	846.1	823.1	800.0	773.7	744.1	711.1
-65°	931.7	888.9	842.8	823.1	800.0	773.7	744.1	727.6	704.5	678.2	645.3
-67.5°	862.6	816.5	777.0	753.9	730.9	707.8	681.5	665.0	642.0	609.1	576.2
-70°	760.5	730.9	704.5	684.8	665.0	645.3	618.9	592.6	566.3	536.6	507.0
-72.5°	632.1	622.2	618.9	609.1	586.0	563.0	536.6	510.3	487.3	464.2	441.2
-75°	510.3	516.9	523.5	520.2	497.1	474.1	451.0	428.0	411.5	391.8	372.0
-77.5°	405.0	411.5	418.1	418.1	401.7	388.5	372.0	355.6	342.4	325.9	306.2
-80°	312.8	322.6	332.5	339.1	325.9	316.1	302.9	289.7	276.6	263.4	250.2
-82.5°	237.0	246.9	256.8	263.4	253.5	246.9	237.0	227.2	217.3	204.1	194.2
-85°	171.2	177.8	184.4	187.7	181.1	174.5	167.9	161.3	154.7	144.9	138.3
-87.5°	98.8	102.1	105.4	108.6	102.1	95.5	92.2	85.6	82.3	75.7	72.4
-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):

	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°	82.3	75.7	69.1	65.8	59.3	49.4	42.8	36.2	29.6	23.0	19.8
85°	174.5	158.0	138.3	128.4	115.2	102.1	88.9	75.7	62.6	49.4	36.2
82.5°	299.6	279.8	260.1	237.0	207.4	171.2	135.0	111.9	92.2	72.4	56.0
80°	451.0	414.8	381.9	352.3	319.4	273.3	223.9	177.8	125.1	95.5	72.4
77.5°	625.5	582.7	536.6	487.3	434.6	372.0	316.1	256.8	194.2	131.7	92.2
75°	823.1	767.1	704.5	635.4	566.3	484.0	405.0	335.8	263.4	184.4	111.9
72.5°	1043.7	974.5	898.8	806.6	698.0	602.5	507.0	414.8	329.2	233.8	151.4
70°	1326.8	1218.1	1106.2	1007.4	869.2	717.7	605.8	500.4	391.8	286.4	191.0
67.5°	1629.7	1498.0	1363.0	1218.1	1043.7	865.9	704.5	586.0	457.6	335.8	227.2
65°	1958.9	1794.3	1623.1	1461.8	1221.4	1010.7	829.7	668.3	520.2	381.9	263.4
62.5°	2298.0	2103.8	1906.2	1695.5	1419.0	1158.9	948.2	760.5	579.4	424.7	296.3
60°	2660.2	2433.0	2192.7	1929.3	1606.6	1320.2	1060.1	856.0	642.0	467.5	332.5
57.5°	3042.1	2795.2	2512.0	2156.4	1800.9	1474.9	1188.5	941.6	698.0	507.0	358.9
55°	3456.9	3173.8	2864.3	2393.5	1991.8	1629.7	1316.9	1027.2	757.2	539.9	385.2
52.5°	3904.7	3575.4	3183.6	2643.7	2192.7	1787.7	1435.4	1102.9	813.2	576.2	408.2
50°	4405.1	3990.3	3463.5	2874.2	2367.2	1935.9	1554.0	1185.2	859.3	615.7	428.0
47.5°	4925.3	4477.5	3713.7	3088.2	2544.9	2080.7	1675.8	1257.7	905.4	648.6	447.8
45°	5468.5	4816.6	3973.8	3279.1	2699.7	2212.4	1768.0	1323.5	961.3	678.2	464.2
42.5°	6005.1	5073.4	4201.0	3470.1	2844.5	2330.9	1843.7	1386.1	1007.4	707.8	480.7
40°	6258.6	5267.7	4382.0	3601.8	2966.3	2436.3	1909.5	1442.0	1046.9	727.6	497.1
37.5°	6364.0	5386.2	4500.6	3726.9	3061.8	2492.3	1965.5	1491.4	1079.9	747.3	510.3
35°	6387.0	5429.0	4559.8	3812.5	3140.8	2544.9	2008.3	1527.6	1106.2	767.1	523.5
32.5°	6344.2	5415.8	4576.3	3842.1	3190.2	2584.4	2037.9	1554.0	1126.0	786.9	536.6
30°	6248.8	5346.7	4517.0	3838.8	3226.4	2607.5	2057.7	1573.7	1145.7	800.0	543.2
27.5°	6094.0	5224.9	4441.3	3842.1	3246.2	2617.4	2067.6	1583.6	1158.9	809.9	556.4
25°	5903.1	5060.2	4444.6	3835.5	3249.5	2620.7	2067.6	1583.6	1162.2	813.2	566.3
22.5°	5682.5	5060.2	4444.6	3825.6	3229.7	2614.1	2057.7	1577.0	1162.2	819.8	576.2
20°	5695.7	5063.5	4434.7	3805.9	3200.1	2594.3	2034.6	1560.5	1152.3	829.7	582.7
17.5°	5705.5	5057.0	4415.0	3779.5	3160.6	2561.4	2005.0	1537.5	1152.3	839.5	586.0
15°	5705.5	5037.2	4385.3	3740.0	3111.2	2515.3	1962.2	1517.7	1155.6	842.8	592.6
12.5°	5695.7	5001.0	4339.2	3687.4	3051.9	2459.3	1935.9	1511.2	1155.6	846.1	592.6
10°	5675.9	4951.6	4280.0	3621.5	2996.0	2439.6	1922.7	1498.0	1149.0	846.1	592.6
7.5°	5639.7	4892.3	4230.6	3582.0	2963.1	2416.5	1902.9	1478.2	1139.1	839.5	599.2
5°	5583.7	4859.4	4191.1	3535.9	2917.0	2400.1	1889.8	1461.8	1132.5	839.5	592.6
2.5°	5511.3	4819.9	4145.0	3476.7	2864.3	2344.1	1847.0	1425.6	1109.5	826.4	586.0
0°	5392.8	4740.9	4066.0	3394.3	2791.9	2288.1	1804.2	1389.3	1086.5	813.2	579.4
-2.5°	5284.1	4635.5	3963.9	3308.7	2722.7	2238.8	1771.2	1369.6	1076.6	809.9	576.2
-5°	5132.7	4490.7	3828.9	3196.8	2630.5	2189.4	1738.3	1346.5	1066.7	803.3	576.2
-7.5°	4964.8	4339.2	3687.4	3081.6	2538.4	2103.8	1675.8	1310.3	1043.7	790.1	572.9
-10°	4704.7	4112.1	3509.6	2949.9	2439.6	2028.0	1623.1	1277.4	1023.9	777.0	559.7
-12.5°	4428.1	3861.9	3305.5	2788.6	2327.6	1949.0	1563.8	1241.2	1000.9	763.8	553.1
-15°	4135.1	3605.1	3091.5	2620.7	2205.8	1853.6	1501.3	1201.7	977.8	747.3	543.2
-17.5°	3828.9	3335.1	2870.9	2449.5	2084.0	1754.8	1435.4	1165.5	951.5	730.9	533.4
-20°	3506.3	3058.5	2647.0	2275.0	1955.6	1656.0	1366.3	1122.7	921.8	711.1	520.2



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3186.9	2785.3	2416.5	2103.8	1823.9	1554.0	1297.2	1079.9	888.9	688.1	510.3
-25°	2903.8	2528.5	2212.4	1939.2	1695.5	1455.2	1224.7	1037.1	852.7	665.0	497.1
-27.5°	2627.2	2307.9	2011.6	1784.4	1570.4	1359.7	1155.6	991.0	816.5	638.7	484.0
-30°	2370.4	2097.2	1853.6	1633.0	1451.9	1274.1	1096.3	944.9	777.0	612.4	467.5
-32.5°	2136.7	1916.1	1712.0	1501.3	1340.0	1188.5	1040.4	898.8	737.5	586.0	451.0
-35°	1919.4	1748.2	1570.4	1392.6	1228.0	1109.5	981.1	849.4	701.3	556.4	434.6
-37.5°	1725.2	1586.9	1445.3	1293.9	1152.3	1033.8	925.1	800.0	665.0	530.1	418.1
-40°	1557.3	1445.3	1320.2	1198.4	1079.9	967.9	869.2	750.6	628.8	510.3	401.7
-42.5°	1402.5	1316.9	1214.9	1112.8	1007.4	908.7	813.2	698.0	592.6	487.3	385.2
-45°	1284.0	1198.4	1116.1	1023.9	935.0	849.4	753.9	651.9	559.7	460.9	368.7
-47.5°	1172.1	1096.3	1020.6	944.9	872.5	793.4	698.0	612.4	523.5	437.9	355.6
-50°	1073.3	1000.9	935.0	869.2	806.6	730.9	642.0	572.9	493.8	414.8	339.1
-52.5°	981.1	918.5	852.7	800.0	747.3	671.6	599.2	533.4	464.2	388.5	322.6
-55°	898.8	839.5	780.3	730.9	681.5	615.7	556.4	500.4	434.6	368.7	306.2
-57.5°	819.8	770.4	714.4	668.3	618.9	566.3	516.9	464.2	405.0	349.0	289.7
-60°	747.3	701.3	651.9	605.8	563.0	520.2	474.1	431.3	378.6	325.9	273.3
-62.5°	674.9	635.4	592.6	546.5	513.6	474.1	437.9	395.1	352.3	306.2	243.6
-65°	609.1	572.9	533.4	493.8	464.2	434.6	401.7	362.2	325.9	283.1	217.3
-67.5°	543.2	510.3	477.4	444.5	418.1	395.1	362.2	332.5	302.9	256.8	191.0
-70°	480.7	454.3	424.7	398.4	378.6	352.3	329.2	302.9	276.6	223.9	161.3
-72.5°	421.4	395.1	372.0	352.3	335.8	312.8	293.0	273.3	237.0	187.7	135.0
-75°	352.3	335.8	322.6	306.2	289.7	273.3	256.8	233.8	197.5	151.4	105.4
-77.5°	289.7	279.8	270.0	256.8	243.6	230.5	210.7	187.7	158.0	118.5	85.6
-80°	237.0	227.2	220.6	207.4	197.5	184.4	164.6	144.9	115.2	92.2	69.1
-82.5°	181.1	174.5	167.9	161.3	151.4	138.3	118.5	102.1	85.6	69.1	52.7
-85°	128.4	125.1	118.5	111.9	102.1	92.2	79.0	69.1	59.3	46.1	36.2
-87.5°	65.8	62.6	59.3	56.0	52.7	46.1	39.5	32.9	29.6	23.0	16.5
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	13.2	9.9	3.3	0.0
85°	26.3	16.5	6.6	0.0
82.5°	39.5	26.3	9.9	0.0
80°	52.7	32.9	16.5	0.0
77.5°	65.8	39.5	19.8	0.0
75°	79.0	49.4	23.0	0.0
72.5°	88.9	56.0	26.3	0.0
70°	105.4	65.8	29.6	0.0
67.5°	131.7	72.4	32.9	0.0
65°	154.7	79.0	36.2	0.0
62.5°	181.1	85.6	39.5	0.0
60°	204.1	92.2	42.8	0.0
57.5°	227.2	108.6	46.1	0.0
55°	246.9	121.8	49.4	0.0
52.5°	270.0	135.0	52.7	0.0
50°	289.7	148.2	56.0	0.0
47.5°	306.2	161.3	56.0	0.0
45°	319.4	171.2	59.3	0.0
42.5°	329.2	181.1	62.6	0.0
40°	339.1	191.0	65.8	0.0
37.5°	349.0	200.8	65.8	0.0
35°	358.9	210.7	69.1	0.0
32.5°	368.7	220.6	69.1	0.0
30°	375.3	227.2	72.4	0.0
27.5°	385.2	233.8	72.4	0.0
25°	388.5	240.3	75.7	0.0
22.5°	395.1	243.6	75.7	0.0
20°	401.7	250.2	75.7	0.0
17.5°	405.0	253.5	79.0	0.0
15°	405.0	256.8	82.3	0.0
12.5°	408.2	260.1	82.3	0.0
10°	408.2	266.7	79.0	0.0
7.5°	414.8	263.4	79.0	0.0
5°	411.5	263.4	79.0	0.0
2.5°	408.2	260.1	79.0	0.0
0°	405.0	260.1	79.0	0.0
-2.5°	405.0	260.1	79.0	0.0
-5°	405.0	260.1	79.0	0.0
-7.5°	401.7	263.4	79.0	0.0
-10°	395.1	263.4	79.0	0.0
-12.5°	391.8	253.5	79.0	0.0
-15°	388.5	250.2	79.0	0.0
-17.5°	381.9	246.9	75.7	0.0
-20°	375.3	243.6	75.7	0.0



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CATALOG NUMBER: IFLD-S-SA6B-730-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	368.7	237.0	75.7	0.0
-25°	362.2	230.5	72.4	0.0
-27.5°	355.6	223.9	72.4	0.0
-30°	345.7	217.3	69.1	0.0
-32.5°	335.8	210.7	69.1	0.0
-35°	329.2	200.8	65.8	0.0
-37.5°	319.4	191.0	65.8	0.0
-40°	309.5	181.1	62.6	0.0
-42.5°	299.6	171.2	59.3	0.0
-45°	286.4	161.3	59.3	0.0
-47.5°	276.6	151.4	56.0	0.0
-50°	260.1	138.3	52.7	0.0
-52.5°	240.3	125.1	49.4	0.0
-55°	220.6	115.2	46.1	0.0
-57.5°	200.8	102.1	46.1	0.0
-60°	181.1	88.9	42.8	0.0
-62.5°	161.3	82.3	39.5	0.0
-65°	141.6	75.7	36.2	0.0
-67.5°	118.5	65.8	32.9	0.0
-70°	98.8	59.3	29.6	0.0
-72.5°	85.6	52.7	26.3	0.0
-75°	72.4	46.1	23.0	0.0
-77.5°	62.6	39.5	19.8	0.0
-80°	49.4	29.6	13.2	0.0
-82.5°	36.2	23.0	9.9	0.0
-85°	23.0	16.5	6.6	0.0
-87.5°	13.2	6.6	3.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)