

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: P722745

Luminaire Tested: **IFLD-S-SA2D-950-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722745
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-950-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

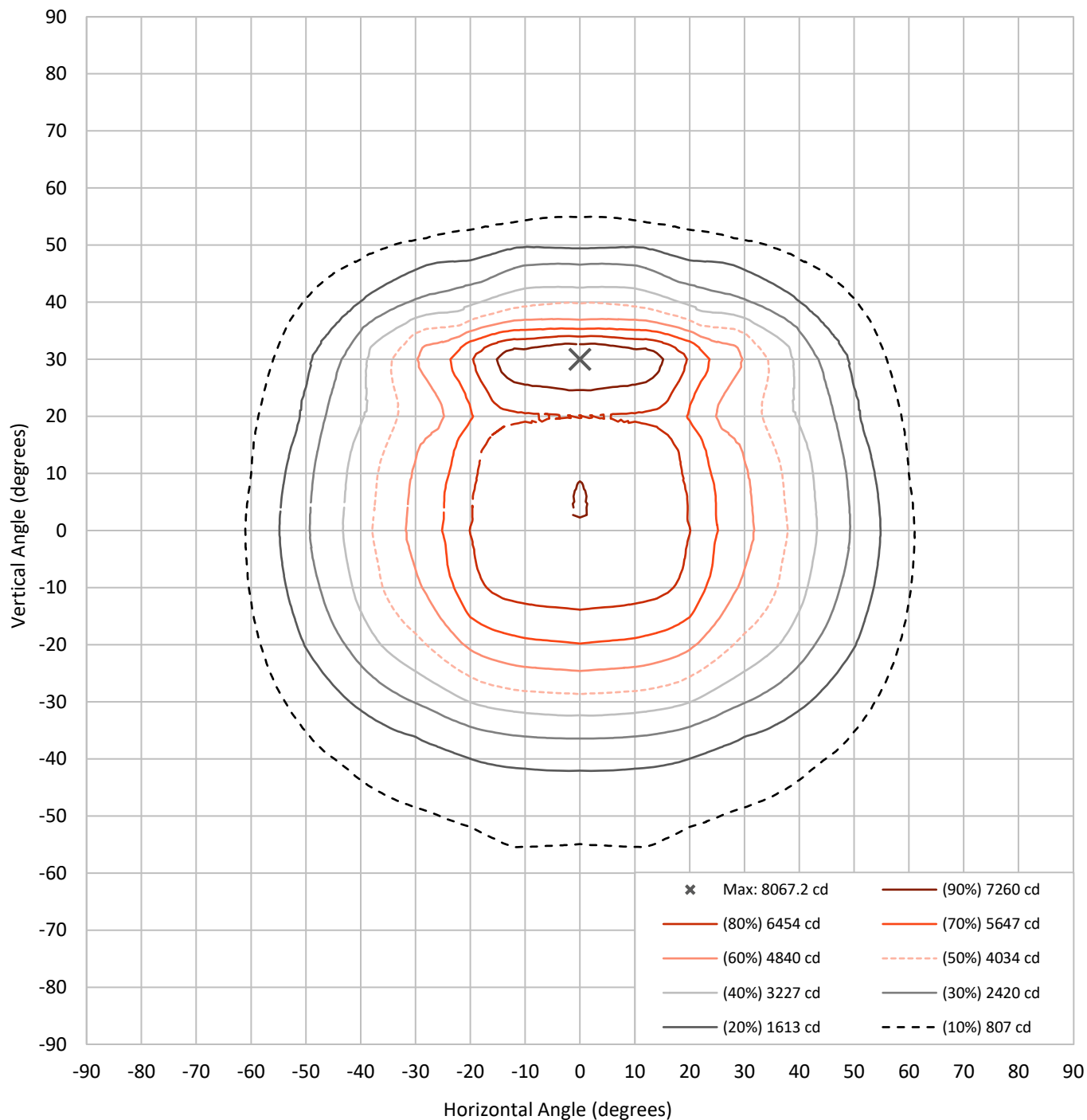
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11555.7 lumens	Max Intensity:	8067.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	93.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	7372 lumens	Field Lumens:	10894.5 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	123.9		
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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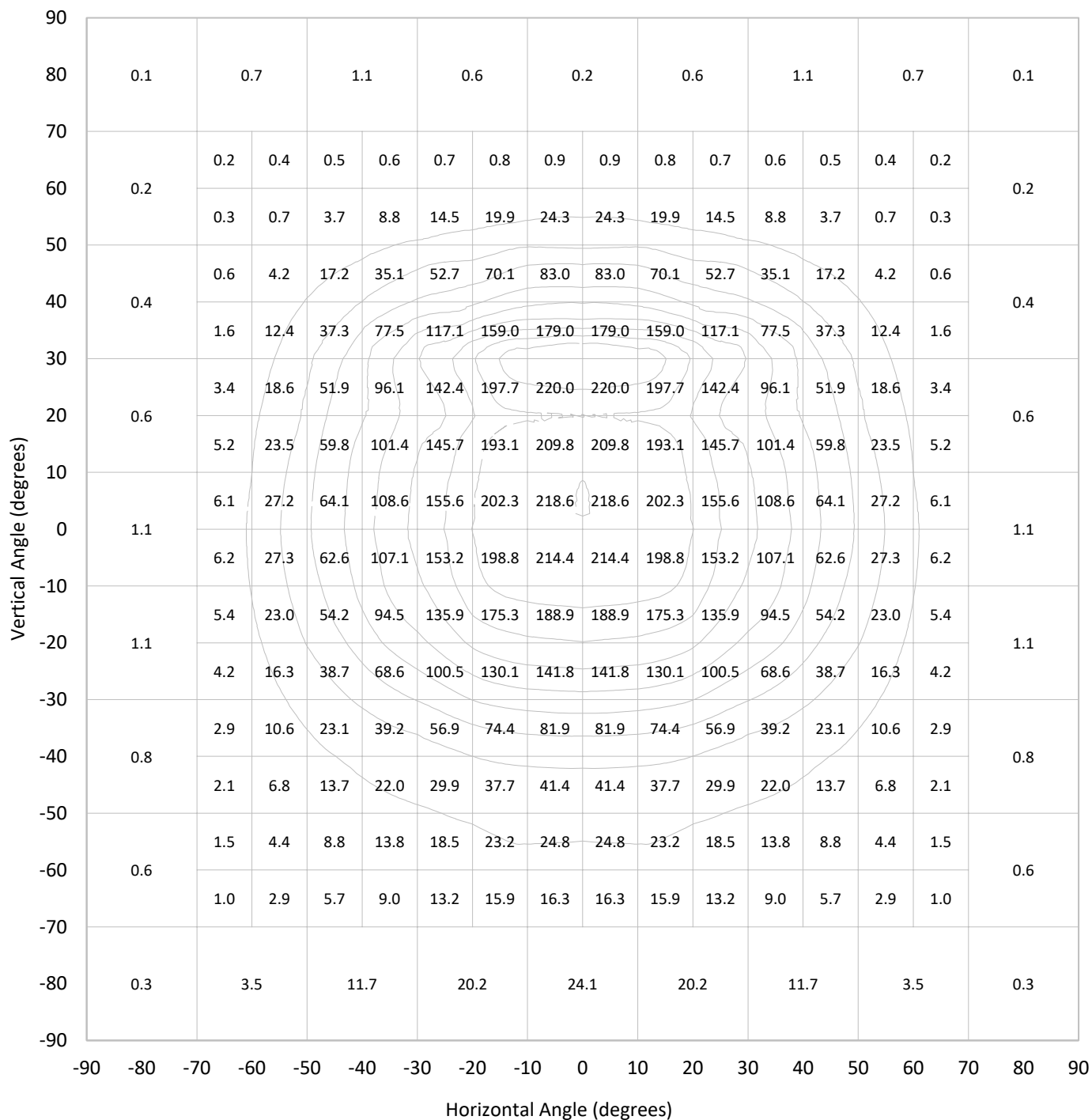
Iso-Candela Plot



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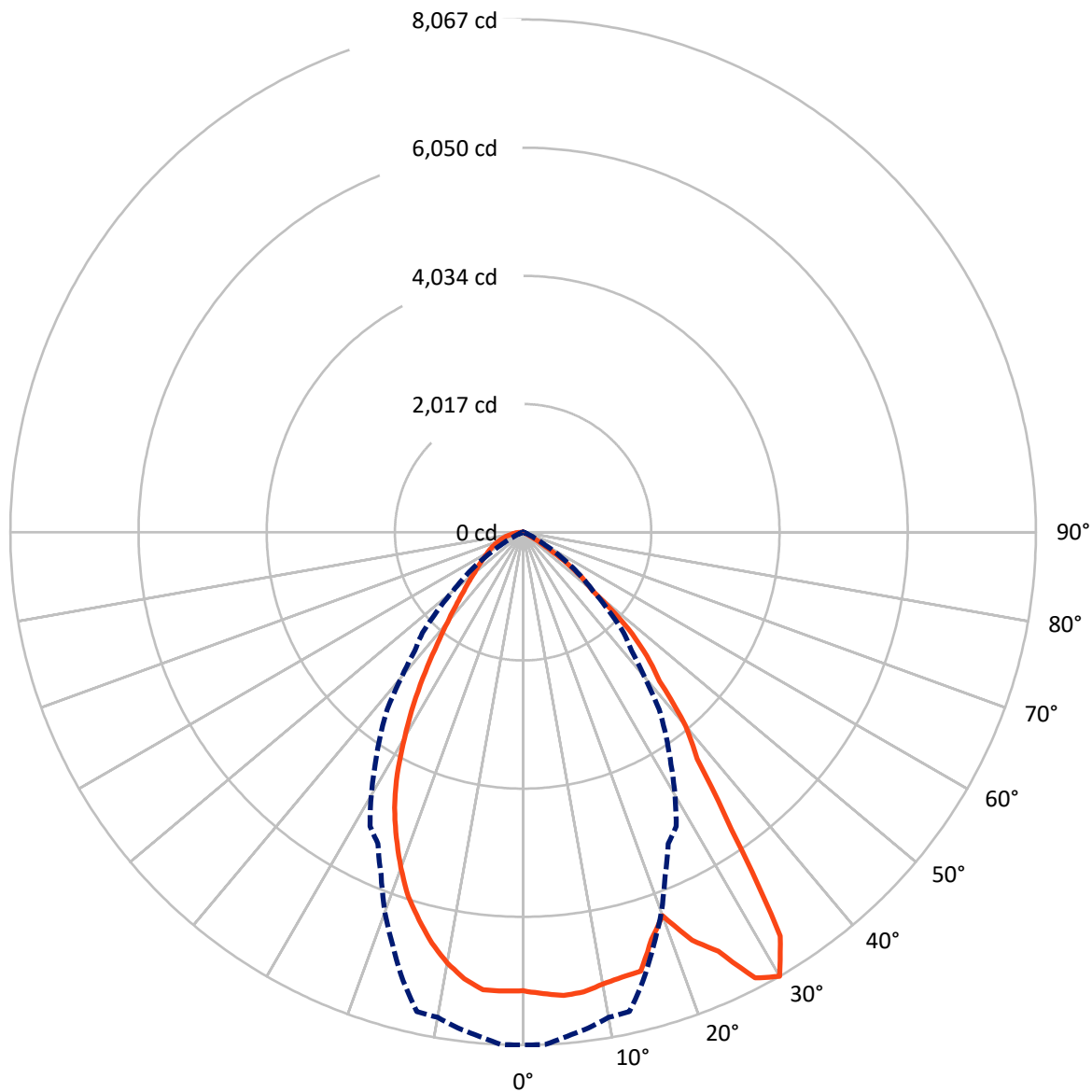
Lumen Table



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Luminous Intensity Polar Plot



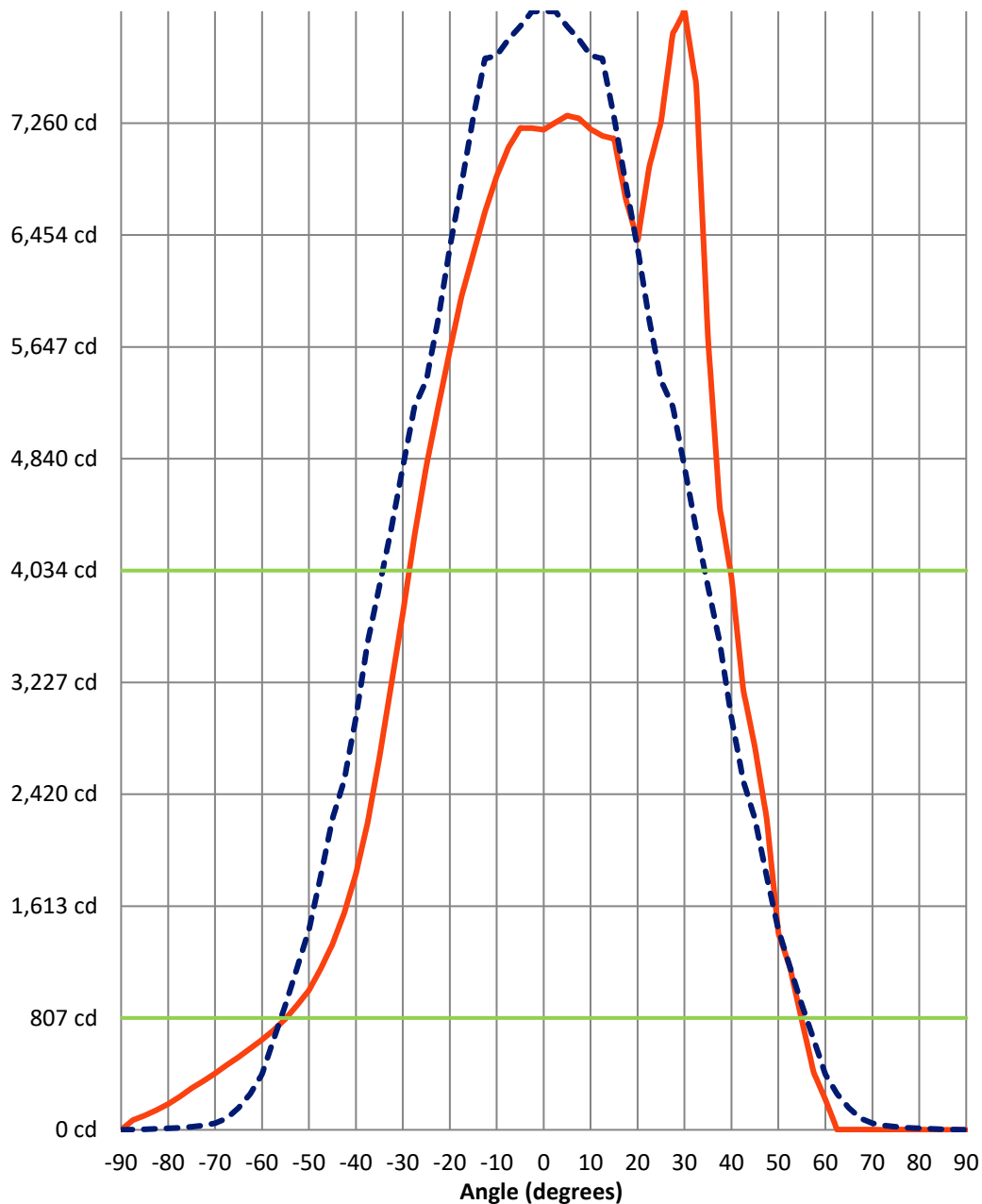
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 7372

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 10894.5

Efficiency: 94.3%

Spill:

Lumens: 661.3

Efficiency: 5.7%

— 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°	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	0.0	1.8	1.8	1.8	3.7	3.7	3.7	3.7	3.7	3.7	5.5
82.5°	0.0	1.8	1.8	1.8	3.7	3.7	3.7	3.7	5.5	5.5	7.4
80°	1.8	1.8	1.8	1.8	3.7	3.7	3.7	5.5	5.5	7.4	7.4
77.5°	1.8	1.8	1.8	3.7	3.7	3.7	5.5	5.5	7.4	7.4	9.2
75°	1.8	1.8	1.8	3.7	3.7	5.5	5.5	5.5	7.4	7.4	9.2
72.5°	0.0	1.8	1.8	3.7	3.7	5.5	5.5	5.5	7.4	7.4	7.4
70°	1.8	1.8	1.8	3.7	3.7	5.5	5.5	5.5	7.4	7.4	7.4
67.5°	1.8	1.8	1.8	3.7	3.7	5.5	5.5	7.4	7.4	7.4	9.2
65°	1.8	1.8	1.8	3.7	5.5	5.5	7.4	9.2	9.2	11.0	12.9
62.5°	1.8	3.7	3.7	5.5	7.4	9.2	20.2	31.3	31.3	22.1	18.4
60°	218.9	237.3	235.5	213.4	185.8	156.4	150.9	145.3	134.3	117.7	123.3
57.5°	415.8	437.9	447.1	441.5	426.8	401.1	386.3	369.8	347.7	322.0	292.5
55°	787.4	796.6	776.4	737.7	695.4	653.1	638.4	616.3	583.2	550.1	505.9
52.5°	1164.5	1195.8	1186.6	1148.0	1091.0	1015.5	932.7	868.3	829.7	792.9	748.8
50°	1422.1	1435.0	1460.7	1506.7	1523.3	1471.8	1337.5	1164.5	1041.3	1103.8	1056.0
47.5°	2244.5	2308.9	2296.0	2262.9	2207.7	2067.8	1880.2	1725.7	1596.9	1554.6	1561.9
45°	2757.7	2783.5	2774.3	2759.6	2733.8	2603.2	2395.3	2158.0	2038.4	1990.6	1940.9
42.5°	3179.0	3206.6	3212.2	3214.0	3186.4	3066.8	2879.2	2641.8	2522.3	2384.3	2275.7
40°	3983.0	4023.5	3977.5	3916.8	3824.8	3688.6	3504.7	3285.7	3074.2	2904.9	2776.1
37.5°	4496.3	4546.0	4564.4	4560.7	4540.4	4481.6	4255.3	4047.4	3723.6	3344.6	3412.7
35°	5714.2	5765.7	5751.0	5695.8	5666.3	5603.8	5383.0	5136.5	4729.9	4317.8	4207.4
32.5°	7530.0	7642.2	7432.5	7202.5	7060.9	7110.5	6886.1	6282.7	6095.0	5351.8	5007.7
30°	8067.2	8065.3	7958.6	7864.8	7748.9	7725.0	7301.9	6819.8	6359.9	5839.3	5405.1
27.5°	7903.4	7870.3	7780.2	7712.1	7603.6	7546.5	7132.6	6749.9	6218.3	5752.8	5333.4
25°	7272.4	7298.2	7206.2	7193.3	7151.0	7040.6	6834.6	6404.1	5929.4	5414.3	5112.6
22.5°	6946.8	6937.6	6827.2	6762.8	6814.3	6696.6	6613.8	6179.6	5684.7	5250.6	4888.1
20°	6417.0	6418.8	6391.2	6385.7	6354.4	6301.0	6234.8	5927.6	5578.0	5206.4	4770.4
17.5°	6713.1	6788.6	6821.7	6547.6	6624.8	6564.1	6494.2	6065.6	5802.5	5473.2	4904.7
15°	7147.3	7119.7	7086.6	7071.9	7029.6	6972.5	6845.6	6503.4	6050.8	5710.5	5267.1
12.5°	7169.4	7116.0	7103.2	7101.3	7057.2	6978.1	6854.8	6571.5	6170.4	5756.5	5395.9
10°	7217.2	7162.0	7154.7	7163.9	7095.8	7046.1	6922.9	6659.8	6207.2	5835.6	5495.2
7.5°	7294.5	7202.5	7244.8	7217.2	7186.0	7106.8	6974.4	6716.8	6341.5	5940.5	5583.6
5°	7314.7	7213.5	7259.5	7233.8	7187.8	7110.5	6967.0	6753.6	6424.3	5982.8	5618.5
2.5°	7265.1	7235.6	7215.4	7167.6	7147.3	7062.7	6926.6	6698.4	6385.7	5964.4	5611.2
0°	7213.5	7239.3	7193.3	7145.5	7136.3	7068.2	6952.3	6746.3	6475.8	6015.9	5673.7
-2.5°	7224.6	7204.4	7173.1	7123.4	7075.6	6978.1	6873.2	6680.0	6389.4	5903.7	5585.4
-5°	7224.6	7130.8	7134.4	7136.3	7088.4	6987.3	6860.3	6696.6	6337.8	5901.8	5559.6
-7.5°	7084.8	7003.8	6990.9	6979.9	6967.0	6873.2	6773.9	6569.6	6251.4	5854.0	5487.9
-10°	6878.7	6799.6	6807.0	6790.4	6749.9	6687.4	6612.0	6428.0	6166.7	5703.1	5342.6
-12.5°	6621.2	6586.2	6566.0	6538.4	6497.9	6442.7	6365.4	6192.5	5912.9	5517.3	5175.1
-15°	6315.8	6290.0	6271.6	6255.1	6196.2	6139.2	6038.0	5877.9	5703.1	5278.2	4928.6
-17.5°	6010.4	5946.0	5920.2	5898.1	5859.5	5767.5	5675.5	5556.0	5311.3	4974.6	4674.7
-20°	5618.5	5579.9	5548.6	5519.2	5464.0	5392.2	5316.8	5178.8	4967.2	4695.0	4384.1

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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°	5208.3	5186.2	5160.4	5123.6	5086.8	5018.8	4913.9	4781.4	4615.9	4321.5	4030.8
-25°	4785.1	4742.8	4711.5	4676.6	4647.1	4584.6	4483.4	4356.5	4148.6	3894.7	3651.8
-27.5°	4286.6	4246.1	4229.5	4189.0	4163.3	4106.3	4005.1	3887.3	3699.7	3486.3	3239.8
-30°	3723.6	3731.0	3712.6	3673.9	3642.6	3569.1	3491.8	3392.4	3245.3	3041.1	2820.3
-32.5°	3203.0	3212.2	3190.1	3149.6	3109.1	3055.8	2984.0	2893.9	2783.5	2588.5	2397.2
-35°	2682.3	2678.6	2660.2	2636.3	2608.7	2564.6	2483.6	2415.6	2288.6	2152.5	2020.0
-37.5°	2215.0	2224.2	2218.7	2205.8	2174.6	2137.8	2071.5	2009.0	1915.2	1795.6	1692.5
-40°	1845.2	1856.3	1848.9	1836.0	1808.4	1786.4	1742.2	1687.0	1611.6	1508.6	1422.1
-42.5°	1561.9	1569.3	1560.1	1549.0	1525.1	1508.6	1473.6	1427.6	1365.1	1286.0	1208.7
-45°	1337.5	1339.3	1330.1	1322.8	1304.4	1284.1	1254.7	1217.9	1168.2	1113.0	1050.5
-47.5°	1160.9	1159.0	1149.8	1142.5	1127.7	1109.4	1085.4	1052.3	1013.7	971.4	921.7
-50°	1006.3	1015.5	1011.8	1004.5	993.4	980.6	956.7	921.7	883.1	851.8	816.8
-52.5°	899.6	901.5	899.6	899.6	897.8	888.6	861.0	826.0	783.7	756.1	726.7
-55°	800.3	809.5	813.2	816.8	818.7	818.7	785.6	748.8	708.3	680.7	658.6
-57.5°	719.3	724.9	728.5	737.7	745.1	750.6	721.2	688.1	656.8	631.0	610.8
-60°	649.4	656.8	662.3	671.5	677.0	680.7	662.3	640.2	621.8	605.3	575.8
-62.5°	586.9	592.4	597.9	603.4	608.9	612.6	605.3	594.2	585.0	577.7	540.9
-65°	524.3	529.8	535.4	542.7	548.2	551.9	550.1	542.7	535.4	528.0	494.9
-67.5°	467.3	472.8	480.2	482.0	485.7	487.5	483.8	478.3	469.1	459.9	434.2
-70°	406.6	410.3	413.9	413.9	413.9	412.1	408.4	401.1	391.9	379.0	358.7
-72.5°	351.4	355.1	358.7	353.2	349.5	344.0	338.5	329.3	320.1	310.9	299.9
-75°	299.9	301.7	301.7	294.4	288.8	283.3	276.0	270.4	261.2	253.9	244.7
-77.5°	239.2	239.2	239.2	233.6	230.0	226.3	220.8	215.2	207.9	202.4	195.0
-80°	185.8	185.8	185.8	184.0	178.5	174.8	171.1	167.4	161.9	158.2	154.5
-82.5°	141.7	141.7	141.7	139.8	136.1	134.3	130.6	126.9	125.1	121.4	119.6
-85°	103.0	104.9	104.9	103.0	101.2	97.5	95.7	93.8	92.0	90.1	86.5
-87.5°	69.9	69.9	69.9	68.1	66.2	66.2	64.4	60.7	57.0	55.2	53.4
-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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	5.5	5.5	5.5	7.4	7.4	7.4	7.4	7.4	7.4	7.4	5.5
82.5°	9.2	9.2	11.0	11.0	12.9	12.9	12.9	12.9	12.9	12.9	12.9
80°	9.2	11.0	12.9	14.7	16.6	18.4	18.4	18.4	18.4	16.6	16.6
77.5°	11.0	11.0	12.9	14.7	16.6	18.4	20.2	22.1	20.2	20.2	20.2
75°	11.0	12.9	12.9	14.7	16.6	18.4	20.2	22.1	22.1	22.1	22.1
72.5°	9.2	11.0	12.9	14.7	14.7	16.6	18.4	18.4	20.2	20.2	22.1
70°	9.2	11.0	12.9	12.9	14.7	14.7	16.6	18.4	18.4	20.2	20.2
67.5°	11.0	12.9	12.9	14.7	16.6	16.6	16.6	18.4	18.4	20.2	20.2
65°	12.9	14.7	14.7	16.6	18.4	18.4	20.2	20.2	20.2	22.1	22.1
62.5°	22.1	22.1	22.1	20.2	22.1	22.1	22.1	23.9	23.9	22.1	23.9
60°	114.1	82.8	57.0	71.7	64.4	29.4	29.4	29.4	27.6	27.6	25.8
57.5°	268.6	250.2	215.2	182.1	163.7	145.3	90.1	36.8	36.8	33.1	29.4
55°	448.9	388.2	362.4	318.3	270.4	248.4	206.0	139.8	66.2	44.2	38.6
52.5°	695.4	638.4	572.2	482.0	417.6	366.1	331.1	263.1	176.6	93.8	58.9
50°	930.9	905.1	864.7	776.4	642.1	555.6	498.6	421.3	316.4	193.2	110.4
47.5°	1499.4	1284.1	1153.5	1085.4	973.2	809.5	699.1	612.6	485.7	325.6	195.0
45°	1887.6	1751.4	1543.5	1400.0	1234.5	1061.5	918.0	818.7	667.8	487.5	305.4
42.5°	2220.5	2102.8	1915.2	1705.4	1530.6	1304.4	1120.4	989.8	862.8	666.0	456.3
40°	2649.2	2509.4	2329.1	2124.9	1920.7	1631.8	1333.8	1175.6	1035.8	861.0	616.3
37.5°	3355.7	3109.1	2814.8	2588.5	2321.7	2077.0	1668.6	1389.0	1223.4	1041.3	804.0
35°	4205.6	3935.2	3444.0	3144.1	2787.2	2422.9	2055.0	1641.0	1405.5	1212.4	976.9
32.5°	4996.7	4601.1	3972.0	3620.6	3383.2	2711.8	2330.9	1972.2	1593.2	1355.9	1076.2
30°	5215.6	4779.6	4328.9	3918.6	3513.9	2971.2	2520.4	2240.8	1828.7	1442.3	1170.1
27.5°	4994.8	4695.0	4345.4	3964.6	3526.7	3061.3	2636.3	2369.6	2001.6	1501.2	1243.7
25°	4770.4	4457.6	4213.0	3894.7	3490.0	3055.8	2640.0	2450.5	2135.9	1615.3	1284.1
22.5°	4533.1	4338.1	4135.7	3780.6	3398.0	3072.3	2759.6	2520.4	2205.8	1744.1	1300.7
20°	4546.0	4419.0	4196.4	3721.8	3381.4	3169.8	2903.1	2608.7	2281.3	1856.3	1313.6
17.5°	4752.0	4586.4	4306.8	3894.7	3530.4	3269.2	3022.7	2730.1	2358.5	1955.6	1469.9
15°	5005.9	4753.8	4461.3	4098.9	3686.8	3377.7	3114.6	2814.8	2446.8	2047.6	1609.8
12.5°	5189.9	4831.1	4557.0	4229.5	3856.1	3495.5	3175.4	2879.2	2529.6	2123.0	1714.6
10°	5252.4	4926.8	4603.0	4310.5	3942.5	3558.0	3221.4	2919.6	2601.4	2181.9	1791.9
7.5°	5285.5	5009.6	4634.3	4347.3	3994.0	3596.7	3258.1	2941.7	2658.4	2222.4	1841.6
5°	5281.8	5053.7	4658.2	4358.3	4021.6	3613.2	3283.9	2947.2	2698.9	2257.3	1871.0
2.5°	5265.3	5083.2	4696.8	4376.7	4076.8	3644.5	3333.6	2958.3	2713.6	2296.0	1891.2
0°	5326.0	5085.0	4737.3	4382.2	4113.6	3655.5	3355.7	2949.1	2693.4	2307.0	1889.4
-2.5°	5195.4	4976.4	4728.1	4334.4	4063.9	3629.8	3315.2	2919.6	2649.2	2294.1	1882.0
-5°	5173.3	4897.3	4650.8	4290.2	3981.2	3576.4	3239.8	2864.4	2579.3	2251.8	1852.6
-7.5°	5114.4	4821.9	4575.4	4255.3	3903.9	3521.2	3168.0	2807.4	2503.9	2185.6	1810.3
-10°	4985.6	4706.0	4494.4	4179.8	3810.1	3442.1	3081.5	2732.0	2415.6	2095.4	1744.1
-12.5°	4801.7	4522.0	4312.3	4019.8	3692.3	3335.4	2978.5	2634.5	2314.4	1999.8	1664.9
-15°	4593.8	4310.5	4100.7	3834.0	3517.5	3169.8	2847.9	2511.2	2198.5	1898.6	1571.1
-17.5°	4358.3	4089.7	3887.3	3627.9	3313.3	2982.2	2662.1	2356.7	2064.2	1793.7	1462.6
-20°	4086.0	3824.8	3639.0	3379.6	3090.7	2768.8	2457.9	2169.0	1906.0	1652.1	1343.0

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3749.4	3519.4	3307.8	3076.0	2824.0	2529.6	2240.8	1985.1	1733.0	1484.7	1219.7
-25°	3405.3	3182.7	2976.7	2765.1	2524.1	2270.2	2023.7	1791.9	1545.4	1320.9	1100.2
-27.5°	3022.7	2824.0	2640.0	2445.0	2224.2	2005.3	1802.9	1576.6	1363.2	1171.9	982.4
-30°	2614.2	2452.3	2292.3	2119.4	1940.9	1756.9	1576.6	1363.2	1195.8	1043.1	883.1
-32.5°	2222.4	2077.0	1948.3	1819.5	1664.9	1514.1	1354.0	1195.8	1056.0	921.7	787.4
-35°	1878.4	1723.8	1652.1	1549.0	1425.8	1289.6	1159.0	1048.6	936.4	815.0	695.4
-37.5°	1580.3	1481.0	1396.3	1319.1	1221.6	1103.8	1010.0	919.9	826.0	715.7	612.6
-40°	1346.7	1274.9	1190.3	1133.3	1054.2	969.5	875.7	800.3	721.2	631.0	546.4
-42.5°	1159.0	1100.2	1045.0	984.3	925.4	853.6	772.7	700.9	629.2	563.0	493.0
-45°	1004.5	962.2	918.0	868.3	816.8	754.3	688.1	614.5	563.0	504.1	445.2
-47.5°	877.5	846.3	809.5	770.8	726.7	671.5	610.8	557.4	504.1	454.4	397.4
-50°	776.4	746.9	717.5	684.4	645.7	597.9	551.9	502.2	452.6	404.7	351.4
-52.5°	691.7	666.0	642.1	614.5	577.7	537.2	494.9	450.7	404.7	356.9	314.6
-55°	632.9	603.4	579.5	551.9	518.8	480.2	441.5	401.1	356.9	320.1	285.2
-57.5°	585.0	551.9	524.3	494.9	461.8	428.7	393.7	356.9	323.8	288.8	255.7
-60°	544.6	505.9	474.6	445.2	413.9	382.7	353.2	322.0	290.7	259.4	226.3
-62.5°	502.2	461.8	423.1	395.5	371.6	344.0	318.3	288.8	261.2	230.0	206.0
-65°	454.4	415.8	379.0	355.1	333.0	309.1	285.2	259.4	235.5	211.6	189.5
-67.5°	401.1	367.9	342.2	320.1	298.0	277.8	255.7	233.6	213.4	189.5	167.4
-70°	336.7	318.3	303.6	287.0	266.8	248.4	228.1	207.9	185.8	165.6	145.3
-72.5°	287.0	276.0	264.9	248.4	230.0	213.4	196.9	178.5	160.1	141.7	125.1
-75°	235.5	226.3	217.1	206.0	191.3	178.5	163.7	147.2	132.5	119.6	106.7
-77.5°	189.5	182.1	176.6	167.4	156.4	145.3	136.1	125.1	114.1	101.2	88.3
-80°	150.9	147.2	145.3	141.7	132.5	123.3	115.9	106.7	95.7	86.5	77.3
-82.5°	117.7	117.7	115.9	114.1	106.7	99.3	93.8	86.5	79.1	71.7	62.6
-85°	86.5	84.6	84.6	82.8	77.3	73.6	68.1	64.4	58.9	51.5	47.8
-87.5°	51.5	49.7	47.8	46.0	42.3	40.5	36.8	35.0	31.3	27.6	25.8
-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-SA2D-950-U-76-VI

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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.0	0.0
85°	5.5	3.7	3.7	3.7	3.7	3.7	1.8	1.8	1.8	1.8	1.8
82.5°	11.0	11.0	9.2	9.2	7.4	5.5	3.7	3.7	3.7	1.8	1.8
80°	16.6	16.6	16.6	14.7	12.9	9.2	7.4	5.5	3.7	1.8	1.8
77.5°	20.2	18.4	18.4	16.6	16.6	14.7	11.0	9.2	5.5	3.7	1.8
75°	20.2	20.2	20.2	18.4	18.4	16.6	14.7	11.0	9.2	5.5	3.7
72.5°	22.1	20.2	20.2	20.2	18.4	16.6	14.7	12.9	11.0	7.4	3.7
70°	20.2	20.2	20.2	20.2	18.4	18.4	14.7	12.9	12.9	7.4	5.5
67.5°	20.2	20.2	20.2	18.4	18.4	16.6	14.7	12.9	12.9	9.2	5.5
65°	22.1	20.2	20.2	20.2	18.4	16.6	14.7	12.9	12.9	11.0	7.4
62.5°	23.9	22.1	22.1	20.2	18.4	16.6	14.7	12.9	12.9	11.0	7.4
60°	25.8	23.9	22.1	22.1	20.2	18.4	14.7	14.7	12.9	11.0	7.4
57.5°	27.6	25.8	25.8	23.9	22.1	20.2	16.6	14.7	12.9	11.0	9.2
55°	33.1	29.4	27.6	27.6	25.8	22.1	18.4	14.7	12.9	11.0	9.2
52.5°	44.2	35.0	31.3	31.3	29.4	25.8	20.2	16.6	12.9	11.0	9.2
50°	69.9	44.2	36.8	33.1	33.1	29.4	23.9	18.4	12.9	11.0	9.2
47.5°	110.4	73.6	44.2	38.6	36.8	35.0	27.6	18.4	14.7	11.0	9.2
45°	182.1	108.5	71.7	46.0	38.6	36.8	31.3	20.2	14.7	12.9	9.2
42.5°	250.2	169.3	110.4	55.2	46.0	40.5	33.1	22.1	16.6	12.9	9.2
40°	393.7	231.8	154.5	90.1	53.4	42.3	36.8	25.8	16.6	12.9	9.2
37.5°	533.5	307.2	207.9	132.5	60.7	47.8	38.6	27.6	18.4	12.9	11.0
35°	673.3	430.5	257.6	176.6	80.9	57.0	40.5	29.4	18.4	12.9	11.0
32.5°	798.4	546.4	309.1	220.8	121.4	68.1	44.2	31.3	20.2	14.7	11.0
30°	901.5	653.1	401.1	259.4	158.2	82.8	47.8	31.3	22.1	14.7	11.0
27.5°	978.7	735.9	494.9	299.9	189.5	97.5	55.2	35.0	22.1	14.7	11.0
25°	1041.3	800.3	577.7	342.2	217.1	121.4	66.2	36.8	23.9	16.6	11.0
22.5°	1091.0	853.6	645.7	399.2	250.2	145.3	80.9	40.5	23.9	16.6	11.0
20°	1159.0	907.0	691.7	459.9	285.2	167.4	93.8	44.2	23.9	16.6	12.9
17.5°	1217.9	960.3	728.5	511.4	320.1	184.0	108.5	47.8	25.8	16.6	12.9
15°	1286.0	1011.8	761.6	551.9	353.2	198.7	121.4	51.5	25.8	18.4	12.9
12.5°	1359.6	1059.7	785.6	585.0	388.2	211.6	132.5	58.9	27.6	18.4	12.9
10°	1435.0	1100.2	805.8	608.9	413.9	224.4	139.8	66.2	29.4	18.4	12.9
7.5°	1510.4	1136.9	831.6	620.0	425.0	239.2	143.5	73.6	29.4	20.2	12.9
5°	1561.9	1160.9	868.3	627.3	430.5	255.7	149.0	82.8	31.3	20.2	12.9
2.5°	1606.1	1175.6	907.0	632.9	432.3	264.9	147.2	88.3	33.1	20.2	12.9
0°	1626.3	1175.6	932.7	629.2	426.8	274.1	147.2	93.8	33.1	20.2	12.9
-2.5°	1595.0	1208.7	925.4	631.0	428.7	274.1	154.5	95.7	36.8	22.1	12.9
-5°	1545.4	1221.6	903.3	621.8	425.0	274.1	163.7	97.5	38.6	22.1	14.7
-7.5°	1497.5	1227.1	877.5	612.6	419.5	266.8	165.6	95.7	42.3	23.9	14.7
-10°	1435.0	1166.4	844.4	596.1	408.4	261.2	169.3	95.7	44.2	23.9	14.7
-12.5°	1363.2	1092.8	804.0	572.2	395.5	255.7	171.1	95.7	46.0	25.8	14.7
-15°	1280.4	1017.4	758.0	546.4	377.1	248.4	167.4	93.8	47.8	25.8	16.6
-17.5°	1186.6	943.8	710.1	515.1	356.9	239.2	160.1	92.0	47.8	25.8	16.6
-20°	1079.9	870.2	656.8	483.8	333.0	228.1	152.7	88.3	47.8	25.8	16.6

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CATALOG NUMBER: IFLD-S-SA2D-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	984.3	802.1	601.6	448.9	307.2	215.2	143.5	84.6	47.8	27.6	16.6
-25°	905.1	735.9	559.3	413.9	279.6	200.5	134.3	80.9	47.8	27.6	16.6
-27.5°	822.4	664.1	515.1	380.8	261.2	187.7	125.1	77.3	46.0	27.6	16.6
-30°	737.7	594.2	469.1	344.0	242.8	174.8	117.7	71.7	46.0	27.6	16.6
-32.5°	660.5	537.2	426.8	307.2	222.6	161.9	110.4	69.9	44.2	27.6	16.6
-35°	585.0	485.7	382.7	277.8	200.5	149.0	103.0	68.1	44.2	27.6	16.6
-37.5°	522.5	437.9	342.2	257.6	187.7	138.0	95.7	64.4	42.3	27.6	16.6
-40°	471.0	393.7	303.6	235.5	176.6	126.9	88.3	62.6	42.3	27.6	16.6
-42.5°	423.1	351.4	279.6	217.1	165.6	119.6	82.8	60.7	40.5	27.6	16.6
-45°	380.8	314.6	255.7	200.5	152.7	110.4	79.1	57.0	38.6	27.6	18.4
-47.5°	338.5	288.8	233.6	185.8	139.8	99.3	75.4	55.2	36.8	25.8	18.4
-50°	305.4	261.2	215.2	169.3	126.9	95.7	71.7	51.5	36.8	25.8	18.4
-52.5°	276.0	235.5	195.0	152.7	115.9	90.1	68.1	47.8	35.0	25.8	18.4
-55°	248.4	211.6	174.8	136.1	108.5	84.6	62.6	44.2	35.0	25.8	18.4
-57.5°	220.8	189.5	154.5	123.3	99.3	79.1	58.9	44.2	35.0	25.8	18.4
-60°	198.7	169.3	139.8	114.1	92.0	71.7	53.4	42.3	33.1	25.8	18.4
-62.5°	180.3	152.7	126.9	103.0	84.6	64.4	51.5	42.3	33.1	25.8	16.6
-65°	161.9	138.0	114.1	93.8	75.4	60.7	49.7	40.5	33.1	25.8	16.6
-67.5°	143.5	121.4	103.0	82.8	69.9	58.9	47.8	40.5	31.3	23.9	16.6
-70°	125.1	106.7	90.1	77.3	66.2	55.2	46.0	38.6	31.3	22.1	14.7
-72.5°	110.4	93.8	80.9	71.7	62.6	53.4	44.2	36.8	29.4	20.2	12.9
-75°	93.8	82.8	73.6	64.4	57.0	49.7	42.3	33.1	25.8	18.4	12.9
-77.5°	79.1	71.7	64.4	58.9	51.5	44.2	36.8	29.4	23.9	16.6	11.0
-80°	68.1	62.6	57.0	51.5	46.0	38.6	33.1	25.8	20.2	14.7	9.2
-82.5°	55.2	51.5	46.0	42.3	38.6	33.1	27.6	22.1	14.7	11.0	7.4
-85°	42.3	38.6	36.8	33.1	29.4	23.9	18.4	14.7	11.0	7.4	3.7
-87.5°	22.1	20.2	18.4	16.6	14.7	11.0	9.2	7.4	5.5	3.7	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P722745

CATALOG NUMBER: IFLD-S-SA2D-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	1.8	0.0	0.0	0.0
77.5°	1.8	0.0	0.0	0.0
75°	1.8	1.8	0.0	0.0
72.5°	1.8	1.8	0.0	0.0
70°	1.8	1.8	0.0	0.0
67.5°	3.7	1.8	0.0	0.0
65°	3.7	1.8	0.0	0.0
62.5°	3.7	1.8	0.0	0.0
60°	3.7	1.8	0.0	0.0
57.5°	5.5	1.8	1.8	0.0
55°	5.5	1.8	1.8	0.0
52.5°	5.5	1.8	1.8	0.0
50°	5.5	3.7	1.8	0.0
47.5°	5.5	3.7	1.8	0.0
45°	5.5	3.7	1.8	0.0
42.5°	5.5	3.7	1.8	0.0
40°	7.4	3.7	1.8	0.0
37.5°	7.4	3.7	1.8	0.0
35°	7.4	3.7	1.8	0.0
32.5°	7.4	3.7	1.8	0.0
30°	7.4	3.7	1.8	0.0
27.5°	7.4	5.5	1.8	0.0
25°	7.4	5.5	1.8	0.0
22.5°	9.2	5.5	1.8	0.0
20°	9.2	5.5	1.8	0.0
17.5°	9.2	5.5	1.8	0.0
15°	9.2	5.5	1.8	0.0
12.5°	9.2	5.5	1.8	0.0
10°	9.2	5.5	1.8	0.0
7.5°	9.2	5.5	1.8	0.0
5°	9.2	5.5	1.8	0.0
2.5°	9.2	5.5	1.8	0.0
0°	9.2	5.5	1.8	0.0
-2.5°	9.2	5.5	1.8	0.0
-5°	9.2	5.5	1.8	0.0
-7.5°	9.2	5.5	1.8	0.0
-10°	9.2	5.5	1.8	0.0
-12.5°	11.0	5.5	1.8	0.0
-15°	11.0	5.5	1.8	0.0
-17.5°	11.0	5.5	1.8	0.0
-20°	11.0	5.5	1.8	0.0

REPORT NUMBER: P722745

CATALOG NUMBER: IFLD-S-SA2D-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	11.0	5.5	1.8	0.0
-25°	11.0	5.5	1.8	0.0
-27.5°	11.0	5.5	1.8	0.0
-30°	11.0	5.5	1.8	0.0
-32.5°	11.0	5.5	1.8	0.0
-35°	11.0	5.5	1.8	0.0
-37.5°	11.0	5.5	1.8	0.0
-40°	11.0	5.5	1.8	0.0
-42.5°	9.2	5.5	1.8	0.0
-45°	11.0	5.5	1.8	0.0
-47.5°	11.0	5.5	1.8	0.0
-50°	11.0	5.5	1.8	0.0
-52.5°	11.0	5.5	1.8	0.0
-55°	11.0	5.5	1.8	0.0
-57.5°	11.0	5.5	1.8	0.0
-60°	11.0	5.5	1.8	0.0
-62.5°	9.2	5.5	1.8	0.0
-65°	9.2	3.7	1.8	0.0
-67.5°	9.2	3.7	1.8	0.0
-70°	9.2	3.7	1.8	0.0
-72.5°	7.4	3.7	1.8	0.0
-75°	7.4	3.7	1.8	0.0
-77.5°	5.5	1.8	0.0	0.0
-80°	5.5	1.8	0.0	0.0
-82.5°	3.7	1.8	0.0	0.0
-85°	1.8	1.8	0.0	0.0
-87.5°	1.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)