

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: P722661

Luminaire Tested: **IFLD-S-SA3B-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722661
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

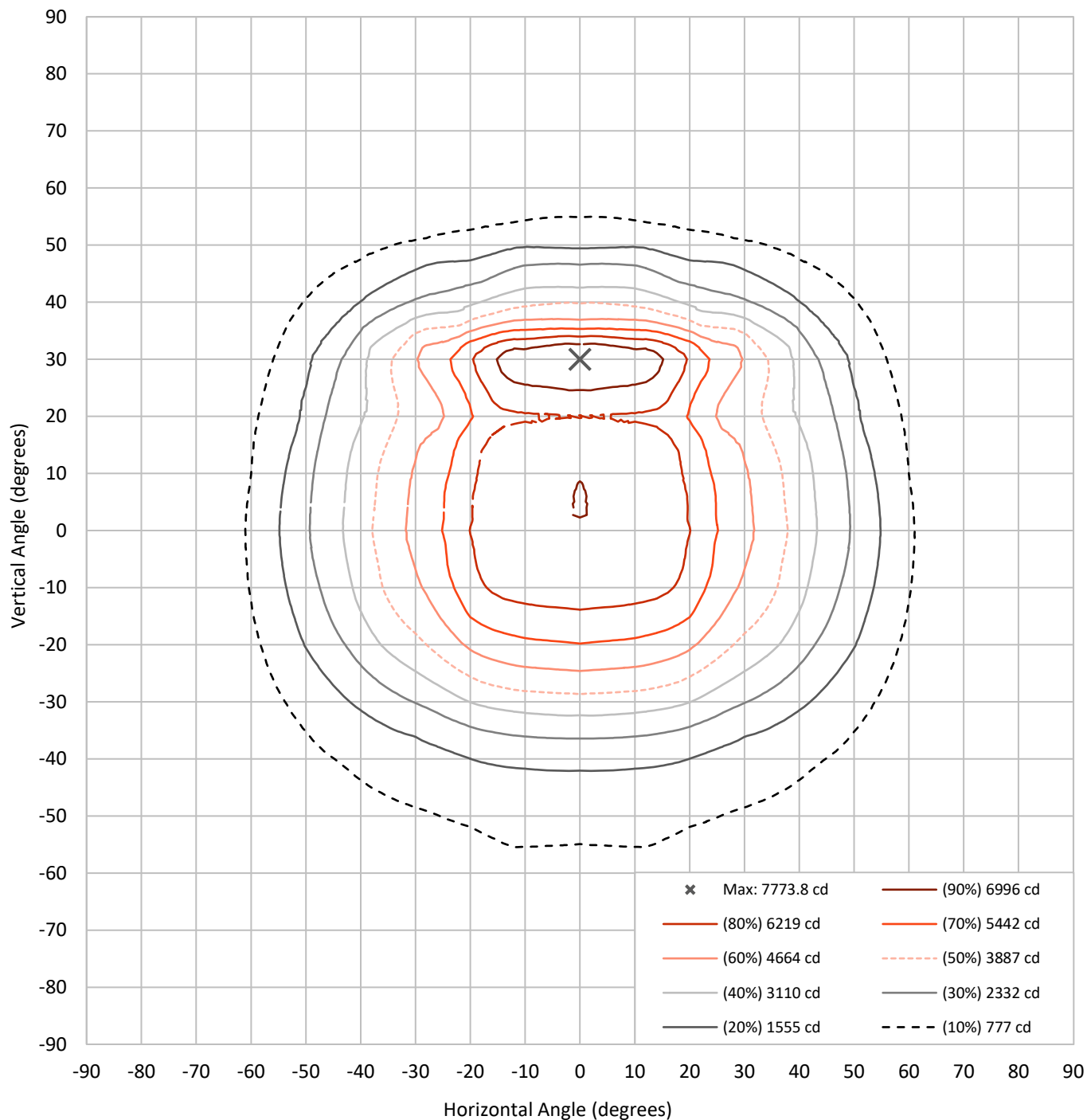
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11135.5 lumens	Max Intensity:	7773.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	91.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	7104 lumens	Field Lumens:	10498.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	122.4		
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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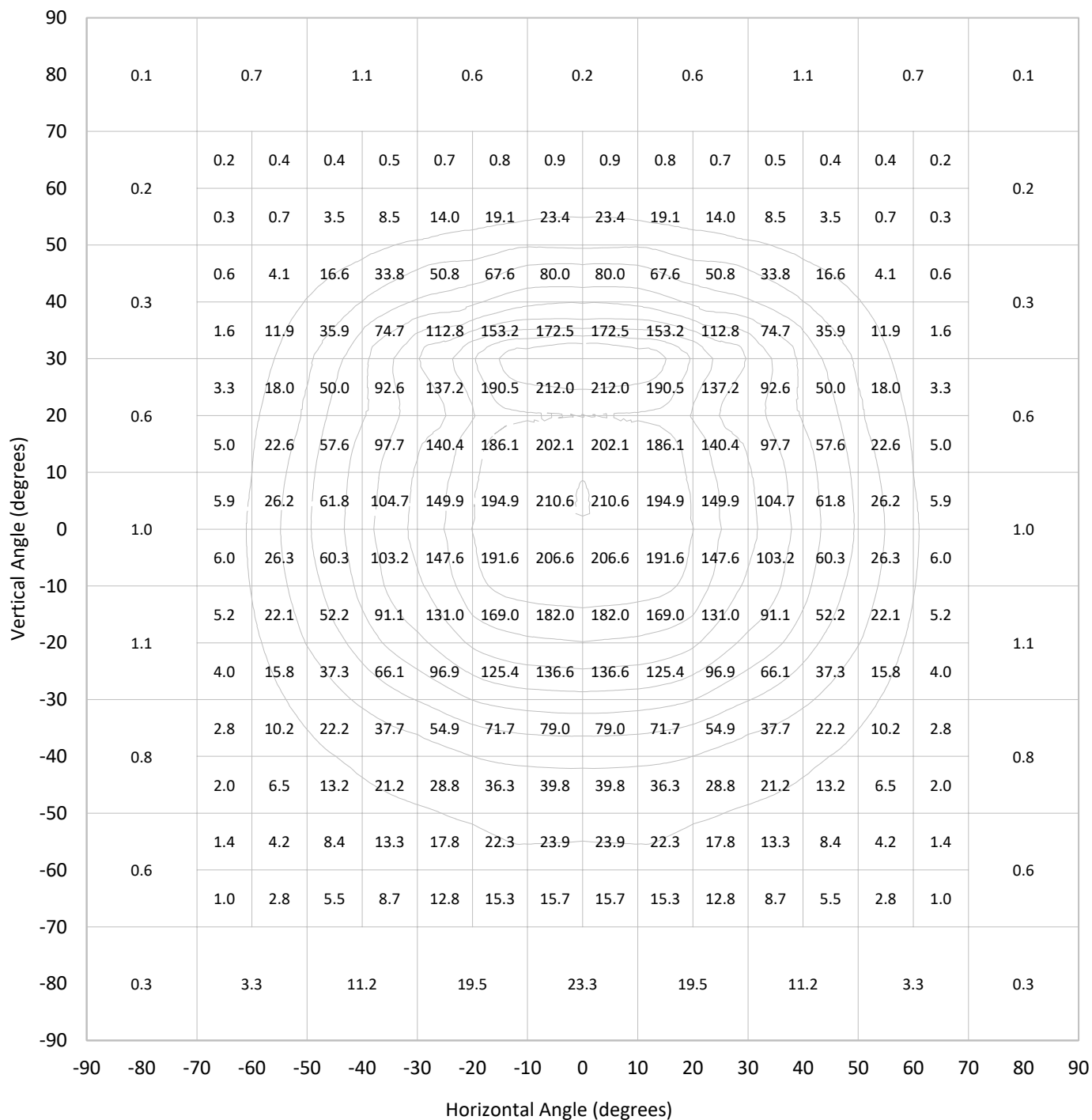
Iso-Candela Plot



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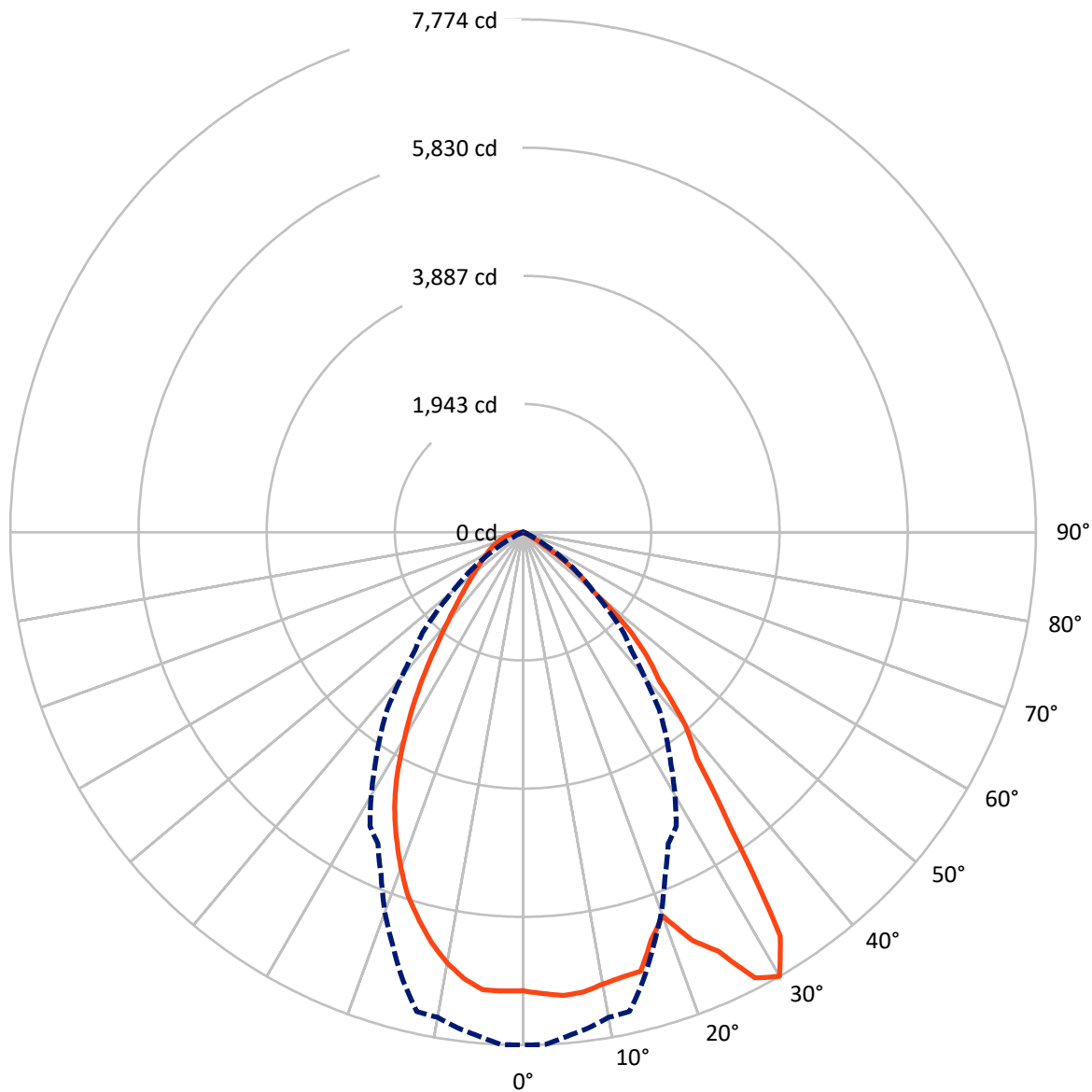
Lumen Table



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Luminous Intensity Polar Plot

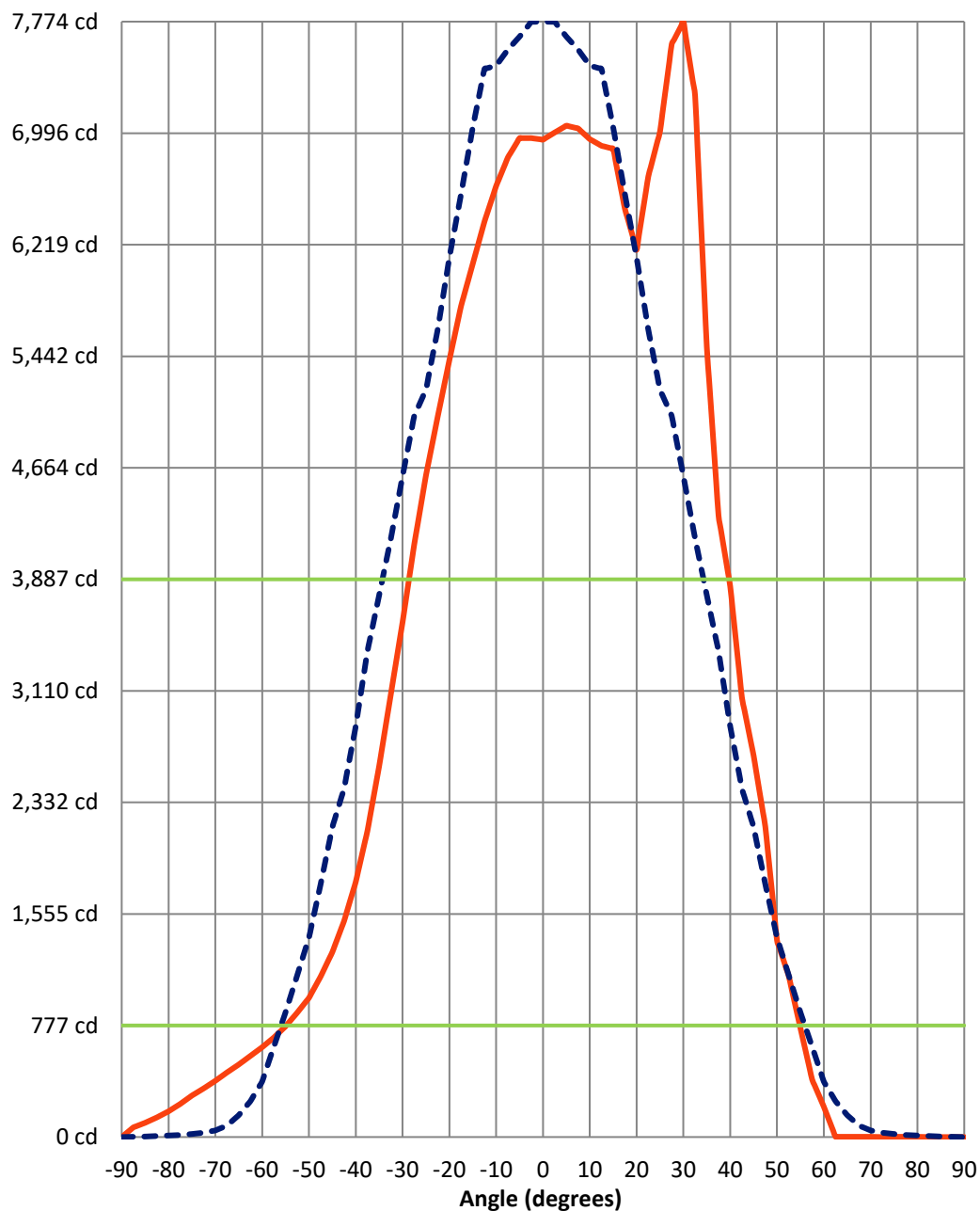


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 7104

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 10498.3

Efficiency: 94.3%

Spill:

Lumens: 637.2

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	3.5	3.5	3.5	3.5	3.5	3.5	5.3
82.5°	0.0	1.8	1.8	1.8	3.5	3.5	3.5	3.5	5.3	5.3	7.1
80°	1.8	1.8	1.8	1.8	3.5	3.5	3.5	5.3	5.3	7.1	7.1
77.5°	1.8	1.8	1.8	3.5	3.5	3.5	5.3	5.3	7.1	7.1	8.9
75°	1.8	1.8	1.8	3.5	3.5	5.3	5.3	5.3	7.1	7.1	8.9
72.5°	0.0	1.8	1.8	3.5	3.5	5.3	5.3	5.3	7.1	7.1	7.1
70°	1.8	1.8	1.8	3.5	3.5	5.3	5.3	5.3	7.1	7.1	7.1
67.5°	1.8	1.8	1.8	3.5	3.5	5.3	5.3	7.1	7.1	7.1	8.9
65°	1.8	1.8	1.8	3.5	5.3	5.3	7.1	8.9	8.9	10.6	12.4
62.5°	1.8	3.5	3.5	5.3	7.1	8.9	19.5	30.1	30.1	21.3	17.7
60°	211.0	228.7	226.9	205.6	179.1	150.7	145.4	140.1	129.4	113.5	118.8
57.5°	400.7	421.9	430.8	425.5	411.3	386.5	372.3	356.3	335.1	310.2	281.9
55°	758.8	767.6	748.1	710.9	670.1	629.4	615.2	593.9	562.0	530.1	487.5
52.5°	1122.2	1152.3	1143.5	1106.2	1051.3	978.6	898.8	836.8	799.5	764.1	721.5
50°	1370.4	1382.8	1407.6	1451.9	1467.9	1418.3	1288.8	1122.2	1003.4	1063.7	1017.6
47.5°	2162.8	2224.9	2212.5	2180.6	2127.4	1992.6	1811.8	1662.9	1538.8	1498.0	1505.1
45°	2657.5	2682.3	2673.4	2659.2	2634.4	2508.5	2308.2	2079.5	1964.3	1918.2	1870.3
42.5°	3063.4	3090.0	3095.3	3097.1	3070.5	2955.3	2774.5	2545.8	2430.5	2297.6	2193.0
40°	3838.2	3877.2	3832.8	3774.3	3685.7	3554.5	3377.2	3166.3	2962.4	2799.3	2675.2
37.5°	4332.8	4380.6	4398.4	4394.8	4375.3	4318.6	4100.5	3900.2	3588.2	3223.0	3288.6
35°	5506.4	5556.0	5541.8	5488.7	5460.3	5400.0	5187.3	4949.7	4557.9	4160.8	4054.4
32.5°	7256.2	7364.3	7162.2	6940.6	6804.1	6852.0	6635.7	6054.2	5873.4	5157.1	4825.6
30°	7773.8	7772.0	7669.2	7578.8	7467.1	7444.1	7036.3	6571.8	6128.6	5626.9	5208.5
27.5°	7616.0	7584.1	7497.3	7431.7	7327.1	7272.1	6873.2	6504.5	5992.1	5543.6	5139.4
25°	7008.0	7032.8	6944.1	6931.7	6891.0	6784.6	6586.0	6171.2	5713.8	5217.4	4926.7
22.5°	6694.2	6685.3	6578.9	6516.9	6566.5	6453.1	6373.3	5954.9	5478.0	5059.6	4710.4
20°	6183.6	6185.4	6158.8	6153.5	6123.3	6071.9	6008.1	5712.0	5375.2	5017.1	4596.9
17.5°	6469.0	6541.7	6573.6	6309.5	6383.9	6325.4	6258.1	5845.0	5591.5	5274.1	4726.3
15°	6887.4	6860.8	6828.9	6814.7	6773.9	6719.0	6596.7	6266.9	5830.8	5502.8	5075.6
12.5°	6908.7	6857.3	6844.9	6843.1	6800.5	6724.3	6605.5	6332.5	5946.0	5547.2	5199.7
10°	6954.8	6901.6	6894.5	6903.4	6837.8	6789.9	6671.1	6417.6	5981.5	5623.4	5295.4
7.5°	7029.2	6940.6	6981.4	6954.8	6924.6	6848.4	6720.8	6472.6	6110.9	5724.4	5380.5
5°	7048.7	6951.2	6995.5	6970.7	6926.4	6852.0	6713.7	6508.0	6190.7	5765.2	5414.2
2.5°	7000.9	6972.5	6953.0	6906.9	6887.4	6805.9	6674.7	6454.8	6153.5	5747.5	5407.1
0°	6951.2	6976.0	6931.7	6885.6	6876.8	6811.2	6699.5	6500.9	6240.3	5797.1	5467.4
-2.5°	6961.9	6942.4	6912.2	6864.4	6818.3	6724.3	6623.3	6437.1	6157.0	5689.0	5382.3
-5°	6961.9	6871.5	6875.0	6876.8	6830.7	6733.2	6610.8	6453.1	6107.4	5687.2	5357.5
-7.5°	6827.1	6749.1	6736.7	6726.1	6713.7	6623.3	6527.5	6330.7	6024.0	5641.1	5288.3
-10°	6628.6	6552.3	6559.4	6543.5	6504.5	6444.2	6371.5	6194.2	5942.5	5495.7	5148.3
-12.5°	6380.4	6346.7	6327.2	6300.6	6261.6	6208.4	6134.0	5967.3	5697.8	5316.7	4986.9
-15°	6086.1	6061.3	6043.5	6027.6	5970.9	5915.9	5818.4	5664.2	5495.7	5086.2	4749.4
-17.5°	5791.8	5729.8	5704.9	5683.7	5646.4	5557.8	5469.2	5353.9	5118.1	4793.7	4504.7
-20°	5414.2	5377.0	5346.8	5318.5	5265.3	5196.1	5123.5	4990.5	4786.6	4524.2	4224.6

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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°	5018.9	4997.6	4972.8	4937.3	4901.8	4836.3	4735.2	4607.6	4448.0	4164.4	3884.2
-25°	4611.1	4570.3	4540.2	4506.5	4478.1	4417.9	4320.4	4198.0	3997.7	3753.1	3519.0
-27.5°	4130.7	4091.7	4075.7	4036.7	4011.9	3956.9	3859.4	3746.0	3565.1	3359.5	3121.9
-30°	3588.2	3595.3	3577.6	3540.3	3510.2	3439.3	3364.8	3269.1	3127.3	2930.5	2717.7
-32.5°	3086.5	3095.3	3074.1	3035.1	2996.1	2944.7	2875.5	2788.6	2682.3	2494.4	2310.0
-35°	2584.8	2581.2	2563.5	2540.5	2513.9	2471.3	2393.3	2327.7	2205.4	2074.2	1946.6
-37.5°	2134.5	2143.3	2138.0	2125.6	2095.5	2060.0	1996.2	1935.9	1845.5	1730.3	1631.0
-40°	1778.1	1788.8	1781.7	1769.3	1742.7	1721.4	1678.9	1625.7	1553.0	1453.7	1370.4
-42.5°	1505.1	1512.2	1503.4	1492.7	1469.7	1453.7	1420.0	1375.7	1315.4	1239.2	1164.7
-45°	1288.8	1290.6	1281.7	1274.7	1256.9	1237.4	1209.1	1173.6	1125.7	1072.6	1012.3
-47.5°	1118.6	1116.9	1108.0	1100.9	1086.7	1069.0	1046.0	1014.1	976.8	936.0	888.2
-50°	969.7	978.6	975.1	968.0	957.3	944.9	921.9	888.2	851.0	820.8	787.1
-52.5°	866.9	868.7	866.9	866.9	865.1	856.3	829.7	796.0	755.2	728.6	700.3
-55°	771.2	780.0	783.6	787.1	788.9	788.9	757.0	721.5	682.5	655.9	634.7
-57.5°	693.2	698.5	702.0	710.9	718.0	723.3	694.9	663.0	632.9	608.1	588.6
-60°	625.8	632.9	638.2	647.1	652.4	655.9	638.2	616.9	599.2	583.3	554.9
-62.5°	565.5	570.8	576.2	581.5	586.8	590.3	583.3	572.6	563.8	556.7	521.2
-65°	505.3	510.6	515.9	523.0	528.3	531.8	530.1	523.0	515.9	508.8	476.9
-67.5°	450.3	455.6	462.7	464.5	468.0	469.8	466.3	460.9	452.1	443.2	418.4
-70°	391.8	395.3	398.9	398.9	398.9	397.1	393.6	386.5	377.6	365.2	345.7
-72.5°	338.6	342.2	345.7	340.4	336.8	331.5	326.2	317.3	308.5	299.6	289.0
-75°	289.0	290.7	290.7	283.7	278.3	273.0	265.9	260.6	251.7	244.6	235.8
-77.5°	230.5	230.5	230.5	225.1	221.6	218.1	212.7	207.4	200.3	195.0	187.9
-80°	179.1	179.1	179.1	177.3	172.0	168.4	164.9	161.3	156.0	152.5	148.9
-82.5°	136.5	136.5	136.5	134.7	131.2	129.4	125.9	122.3	120.6	117.0	115.2
-85°	99.3	101.1	101.1	99.3	97.5	94.0	92.2	90.4	88.6	86.9	83.3
-87.5°	67.4	67.4	67.4	65.6	63.8	63.8	62.0	58.5	55.0	53.2	51.4
-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°	5.3	5.3	5.3	7.1	7.1	7.1	7.1	7.1	7.1	7.1	5.3
82.5°	8.9	8.9	10.6	10.6	12.4	12.4	12.4	12.4	12.4	12.4	12.4
80°	8.9	10.6	12.4	14.2	16.0	17.7	17.7	17.7	17.7	16.0	16.0
77.5°	10.6	10.6	12.4	14.2	16.0	17.7	19.5	21.3	19.5	19.5	19.5
75°	10.6	12.4	12.4	14.2	16.0	17.7	19.5	21.3	21.3	21.3	21.3
72.5°	8.9	10.6	12.4	14.2	14.2	16.0	17.7	17.7	19.5	19.5	21.3
70°	8.9	10.6	12.4	12.4	14.2	14.2	16.0	17.7	17.7	19.5	19.5
67.5°	10.6	12.4	12.4	14.2	16.0	16.0	16.0	17.7	17.7	19.5	19.5
65°	12.4	14.2	14.2	16.0	17.7	17.7	19.5	19.5	19.5	21.3	21.3
62.5°	21.3	21.3	21.3	19.5	21.3	21.3	21.3	23.0	23.0	21.3	23.0
60°	109.9	79.8	55.0	69.1	62.0	28.4	28.4	28.4	26.6	26.6	24.8
57.5°	258.8	241.1	207.4	175.5	157.8	140.1	86.9	35.5	35.5	31.9	28.4
55°	432.6	374.1	349.2	306.7	260.6	239.3	198.6	134.7	63.8	42.5	37.2
52.5°	670.1	615.2	551.3	464.5	402.4	352.8	319.1	253.5	170.2	90.4	56.7
50°	897.0	872.2	833.2	748.1	618.7	535.4	480.4	406.0	304.9	186.1	106.4
47.5°	1444.8	1237.4	1111.6	1046.0	937.8	780.0	673.7	590.3	468.0	313.8	187.9
45°	1818.9	1687.7	1487.4	1349.1	1189.6	1022.9	884.6	788.9	643.5	469.8	294.3
42.5°	2139.8	2026.3	1845.5	1643.4	1475.0	1256.9	1079.6	953.8	831.5	641.8	439.7
40°	2552.9	2418.1	2244.4	2047.6	1850.8	1572.5	1285.3	1132.8	998.1	829.7	593.9
37.5°	3233.6	2996.1	2712.4	2494.4	2237.3	2001.5	1607.9	1338.5	1178.9	1003.4	774.7
35°	4052.7	3792.1	3318.7	3029.7	2685.8	2334.8	1980.2	1581.4	1354.4	1168.3	941.4
32.5°	4815.0	4433.8	3827.5	3488.9	3260.2	2613.1	2246.2	1900.5	1535.3	1306.6	1037.1
30°	5025.9	4605.8	4171.4	3776.1	3386.1	2863.1	2428.8	2159.3	1762.2	1389.9	1127.5
27.5°	4813.2	4524.2	4187.4	3820.4	3398.5	2950.0	2540.5	2283.4	1928.8	1446.6	1198.4
25°	4596.9	4295.5	4059.8	3753.1	3363.0	2944.7	2544.0	2361.4	2058.2	1556.5	1237.4
22.5°	4368.2	4180.3	3985.3	3643.1	3274.4	2960.6	2659.2	2428.8	2125.6	1680.6	1253.4
20°	4380.6	4258.3	4043.8	3586.4	3258.4	3054.6	2797.5	2513.9	2198.3	1788.8	1265.8
17.5°	4579.2	4419.6	4150.2	3753.1	3402.0	3150.3	2912.7	2630.9	2272.8	1884.5	1416.5
15°	4823.8	4581.0	4299.1	3949.8	3552.7	3254.9	3001.4	2712.4	2357.9	1973.1	1551.2
12.5°	5001.1	4655.4	4391.3	4075.7	3715.8	3368.4	3059.9	2774.5	2437.6	2045.8	1652.3
10°	5061.4	4747.6	4435.6	4153.7	3799.2	3428.6	3104.2	2813.5	2506.8	2102.6	1726.7
7.5°	5093.3	4827.4	4465.7	4189.2	3848.8	3465.9	3139.7	2834.7	2561.7	2141.6	1774.6
5°	5089.8	4869.9	4488.8	4199.8	3875.4	3481.8	3164.5	2840.1	2600.7	2175.3	1803.0
2.5°	5073.8	4898.3	4526.0	4217.5	3928.6	3512.0	3212.4	2850.7	2614.9	2212.5	1822.5
0°	5132.3	4900.1	4565.0	4222.9	3964.0	3522.6	3233.6	2841.8	2595.4	2223.1	1820.7
-2.5°	5006.4	4795.5	4556.1	4176.8	3916.2	3497.8	3194.6	2813.5	2552.9	2210.7	1813.6
-5°	4985.2	4719.2	4481.7	4134.2	3836.4	3446.4	3121.9	2760.3	2485.5	2169.9	1785.2
-7.5°	4928.4	4646.6	4409.0	4100.5	3761.9	3393.2	3052.8	2705.3	2412.8	2106.1	1744.5
-10°	4804.3	4534.9	4331.0	4027.8	3671.5	3316.9	2969.5	2632.6	2327.7	2019.2	1680.6
-12.5°	4627.1	4357.6	4155.5	3873.6	3558.1	3214.1	2870.2	2538.7	2230.2	1927.1	1604.4
-15°	4426.7	4153.7	3951.6	3694.6	3389.6	3054.6	2744.3	2419.9	2118.5	1829.6	1514.0
-17.5°	4199.8	3941.0	3746.0	3496.0	3192.8	2873.7	2565.3	2271.0	1989.1	1728.5	1409.4
-20°	3937.4	3685.7	3506.6	3256.7	2978.3	2668.1	2368.5	2090.2	1836.6	1592.0	1294.2

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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°	3613.0	3391.4	3187.5	2964.2	2721.3	2437.6	2159.3	1912.9	1670.0	1430.7	1175.4
-25°	3281.5	3067.0	2868.4	2664.5	2432.3	2187.7	1950.1	1726.7	1489.2	1272.9	1060.1
-27.5°	2912.7	2721.3	2544.0	2356.1	2143.3	1932.4	1737.4	1519.3	1313.7	1129.3	946.7
-30°	2519.2	2363.2	2208.9	2042.3	1870.3	1693.0	1519.3	1313.7	1152.3	1005.2	851.0
-32.5°	2141.6	2001.5	1877.4	1753.3	1604.4	1459.0	1304.8	1152.3	1017.6	888.2	758.8
-35°	1810.0	1661.1	1592.0	1492.7	1373.9	1242.7	1116.9	1010.5	902.4	785.4	670.1
-37.5°	1522.9	1427.1	1345.6	1271.1	1177.2	1063.7	973.3	886.4	796.0	689.6	590.3
-40°	1297.7	1228.6	1147.0	1092.1	1015.8	934.3	843.9	771.2	694.9	608.1	526.5
-42.5°	1116.9	1060.1	1007.0	948.5	891.7	822.6	744.6	675.4	606.3	542.5	475.1
-45°	968.0	927.2	884.6	836.8	787.1	726.9	663.0	592.1	542.5	485.8	429.0
-47.5°	845.6	815.5	780.0	742.8	700.3	647.1	588.6	537.2	485.8	437.9	382.9
-50°	748.1	719.8	691.4	659.5	622.3	576.2	531.8	484.0	436.1	390.0	338.6
-52.5°	666.6	641.8	618.7	592.1	556.7	517.7	476.9	434.3	390.0	343.9	303.2
-55°	609.9	581.5	558.4	531.8	499.9	462.7	425.5	386.5	343.9	308.5	274.8
-57.5°	563.8	531.8	505.3	476.9	445.0	413.1	379.4	343.9	312.0	278.3	246.4
-60°	524.8	487.5	457.4	429.0	398.9	368.7	340.4	310.2	280.1	250.0	218.1
-62.5°	484.0	445.0	407.7	381.2	358.1	331.5	306.7	278.3	251.7	221.6	198.6
-65°	437.9	400.7	365.2	342.2	320.9	297.8	274.8	250.0	226.9	203.9	182.6
-67.5°	386.5	354.6	329.7	308.5	287.2	267.7	246.4	225.1	205.6	182.6	161.3
-70°	324.4	306.7	292.5	276.6	257.1	239.3	219.8	200.3	179.1	159.6	140.1
-72.5°	276.6	265.9	255.3	239.3	221.6	205.6	189.7	172.0	154.2	136.5	120.6
-75°	226.9	218.1	209.2	198.6	184.4	172.0	157.8	141.8	127.6	115.2	102.8
-77.5°	182.6	175.5	170.2	161.3	150.7	140.1	131.2	120.6	109.9	97.5	85.1
-80°	145.4	141.8	140.1	136.5	127.6	118.8	111.7	102.8	92.2	83.3	74.5
-82.5°	113.5	113.5	111.7	109.9	102.8	95.7	90.4	83.3	76.2	69.1	60.3
-85°	83.3	81.5	81.5	79.8	74.5	70.9	65.6	62.0	56.7	49.6	46.1
-87.5°	49.6	47.9	46.1	44.3	40.8	39.0	35.5	33.7	30.1	26.6	24.8
-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-SA3B-930-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°	5.3	3.5	3.5	3.5	3.5	3.5	1.8	1.8	1.8	1.8	1.8
82.5°	10.6	10.6	8.9	8.9	7.1	5.3	3.5	3.5	3.5	1.8	1.8
80°	16.0	16.0	16.0	14.2	12.4	8.9	7.1	5.3	3.5	1.8	1.8
77.5°	19.5	17.7	17.7	16.0	16.0	14.2	10.6	8.9	5.3	3.5	1.8
75°	19.5	19.5	19.5	17.7	17.7	16.0	14.2	10.6	8.9	5.3	3.5
72.5°	21.3	19.5	19.5	19.5	17.7	16.0	14.2	12.4	10.6	7.1	3.5
70°	19.5	19.5	19.5	19.5	17.7	17.7	14.2	12.4	12.4	7.1	5.3
67.5°	19.5	19.5	19.5	17.7	17.7	16.0	14.2	12.4	12.4	8.9	5.3
65°	21.3	19.5	19.5	19.5	17.7	16.0	14.2	12.4	12.4	10.6	7.1
62.5°	23.0	21.3	21.3	19.5	17.7	16.0	14.2	12.4	12.4	10.6	7.1
60°	24.8	23.0	21.3	21.3	19.5	17.7	14.2	14.2	12.4	10.6	7.1
57.5°	26.6	24.8	24.8	23.0	21.3	19.5	16.0	14.2	12.4	10.6	8.9
55°	31.9	28.4	26.6	26.6	24.8	21.3	17.7	14.2	12.4	10.6	8.9
52.5°	42.5	33.7	30.1	30.1	28.4	24.8	19.5	16.0	12.4	10.6	8.9
50°	67.4	42.5	35.5	31.9	31.9	28.4	23.0	17.7	12.4	10.6	8.9
47.5°	106.4	70.9	42.5	37.2	35.5	33.7	26.6	17.7	14.2	10.6	8.9
45°	175.5	104.6	69.1	44.3	37.2	35.5	30.1	19.5	14.2	12.4	8.9
42.5°	241.1	163.1	106.4	53.2	44.3	39.0	31.9	21.3	16.0	12.4	8.9
40°	379.4	223.4	148.9	86.9	51.4	40.8	35.5	24.8	16.0	12.4	8.9
37.5°	514.1	296.1	200.3	127.6	58.5	46.1	37.2	26.6	17.7	12.4	10.6
35°	648.9	414.8	248.2	170.2	78.0	55.0	39.0	28.4	17.7	12.4	10.6
32.5°	769.4	526.5	297.8	212.7	117.0	65.6	42.5	30.1	19.5	14.2	10.6
30°	868.7	629.4	386.5	250.0	152.5	79.8	46.1	30.1	21.3	14.2	10.6
27.5°	943.1	709.1	476.9	289.0	182.6	94.0	53.2	33.7	21.3	14.2	10.6
25°	1003.4	771.2	556.7	329.7	209.2	117.0	63.8	35.5	23.0	16.0	10.6
22.5°	1051.3	822.6	622.3	384.7	241.1	140.1	78.0	39.0	23.0	16.0	10.6
20°	1116.9	874.0	666.6	443.2	274.8	161.3	90.4	42.5	23.0	16.0	12.4
17.5°	1173.6	925.4	702.0	492.8	308.5	177.3	104.6	46.1	24.8	16.0	12.4
15°	1239.2	975.1	733.9	531.8	340.4	191.5	117.0	49.6	24.8	17.7	12.4
12.5°	1310.1	1021.1	757.0	563.8	374.1	203.9	127.6	56.7	26.6	17.7	12.4
10°	1382.8	1060.1	776.5	586.8	398.9	216.3	134.7	63.8	28.4	17.7	12.4
7.5°	1455.5	1095.6	801.3	597.4	409.5	230.5	138.3	70.9	28.4	19.5	12.4
5°	1505.1	1118.6	836.8	604.5	414.8	246.4	143.6	79.8	30.1	19.5	12.4
2.5°	1547.7	1132.8	874.0	609.9	416.6	255.3	141.8	85.1	31.9	19.5	12.4
0°	1567.2	1132.8	898.8	606.3	411.3	264.2	141.8	90.4	31.9	19.5	12.4
-2.5°	1537.0	1164.7	891.7	608.1	413.1	264.2	148.9	92.2	35.5	21.3	12.4
-5°	1489.2	1177.2	870.5	599.2	409.5	264.2	157.8	94.0	37.2	21.3	14.2
-7.5°	1443.1	1182.5	845.6	590.3	404.2	257.1	159.6	92.2	40.8	23.0	14.2
-10°	1382.8	1124.0	813.7	574.4	393.6	251.7	163.1	92.2	42.5	23.0	14.2
-12.5°	1313.7	1053.1	774.7	551.3	381.2	246.4	164.9	92.2	44.3	24.8	14.2
-15°	1233.9	980.4	730.4	526.5	363.4	239.3	161.3	90.4	46.1	24.8	16.0
-17.5°	1143.5	909.5	684.3	496.4	343.9	230.5	154.2	88.6	46.1	24.8	16.0
-20°	1040.6	838.5	632.9	466.3	320.9	219.8	147.1	85.1	46.1	24.8	16.0

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CATALOG NUMBER: IFLD-S-SA3B-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	948.5	772.9	579.7	432.6	296.1	207.4	138.3	81.5	46.1	26.6	16.0
-25°	872.2	709.1	538.9	398.9	269.5	193.2	129.4	78.0	46.1	26.6	16.0
-27.5°	792.5	640.0	496.4	367.0	251.7	180.8	120.6	74.5	44.3	26.6	16.0
-30°	710.9	572.6	452.1	331.5	234.0	168.4	113.5	69.1	44.3	26.6	16.0
-32.5°	636.4	517.7	411.3	296.1	214.5	156.0	106.4	67.4	42.5	26.6	16.0
-35°	563.8	468.0	368.7	267.7	193.2	143.6	99.3	65.6	42.5	26.6	16.0
-37.5°	503.5	421.9	329.7	248.2	180.8	133.0	92.2	62.0	40.8	26.6	16.0
-40°	453.8	379.4	292.5	226.9	170.2	122.3	85.1	60.3	40.8	26.6	16.0
-42.5°	407.7	338.6	269.5	209.2	159.6	115.2	79.8	58.5	39.0	26.6	16.0
-45°	367.0	303.2	246.4	193.2	147.1	106.4	76.2	55.0	37.2	26.6	17.7
-47.5°	326.2	278.3	225.1	179.1	134.7	95.7	72.7	53.2	35.5	24.8	17.7
-50°	294.3	251.7	207.4	163.1	122.3	92.2	69.1	49.6	35.5	24.8	17.7
-52.5°	265.9	226.9	187.9	147.1	111.7	86.9	65.6	46.1	33.7	24.8	17.7
-55°	239.3	203.9	168.4	131.2	104.6	81.5	60.3	42.5	33.7	24.8	17.7
-57.5°	212.7	182.6	148.9	118.8	95.7	76.2	56.7	42.5	33.7	24.8	17.7
-60°	191.5	163.1	134.7	109.9	88.6	69.1	51.4	40.8	31.9	24.8	17.7
-62.5°	173.7	147.1	122.3	99.3	81.5	62.0	49.6	40.8	31.9	24.8	16.0
-65°	156.0	133.0	109.9	90.4	72.7	58.5	47.9	39.0	31.9	24.8	16.0
-67.5°	138.3	117.0	99.3	79.8	67.4	56.7	46.1	39.0	30.1	23.0	16.0
-70°	120.6	102.8	86.9	74.5	63.8	53.2	44.3	37.2	30.1	21.3	14.2
-72.5°	106.4	90.4	78.0	69.1	60.3	51.4	42.5	35.5	28.4	19.5	12.4
-75°	90.4	79.8	70.9	62.0	55.0	47.9	40.8	31.9	24.8	17.7	12.4
-77.5°	76.2	69.1	62.0	56.7	49.6	42.5	35.5	28.4	23.0	16.0	10.6
-80°	65.6	60.3	55.0	49.6	44.3	37.2	31.9	24.8	19.5	14.2	8.9
-82.5°	53.2	49.6	44.3	40.8	37.2	31.9	26.6	21.3	14.2	10.6	7.1
-85°	40.8	37.2	35.5	31.9	28.4	23.0	17.7	14.2	10.6	7.1	3.5
-87.5°	21.3	19.5	17.7	16.0	14.2	10.6	8.9	7.1	5.3	3.5	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: P722661

CATALOG NUMBER: IFLD-S-SA3B-930-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°	3.5	1.8	0.0	0.0
65°	3.5	1.8	0.0	0.0
62.5°	3.5	1.8	0.0	0.0
60°	3.5	1.8	0.0	0.0
57.5°	5.3	1.8	1.8	0.0
55°	5.3	1.8	1.8	0.0
52.5°	5.3	1.8	1.8	0.0
50°	5.3	3.5	1.8	0.0
47.5°	5.3	3.5	1.8	0.0
45°	5.3	3.5	1.8	0.0
42.5°	5.3	3.5	1.8	0.0
40°	7.1	3.5	1.8	0.0
37.5°	7.1	3.5	1.8	0.0
35°	7.1	3.5	1.8	0.0
32.5°	7.1	3.5	1.8	0.0
30°	7.1	3.5	1.8	0.0
27.5°	7.1	5.3	1.8	0.0
25°	7.1	5.3	1.8	0.0
22.5°	8.9	5.3	1.8	0.0
20°	8.9	5.3	1.8	0.0
17.5°	8.9	5.3	1.8	0.0
15°	8.9	5.3	1.8	0.0
12.5°	8.9	5.3	1.8	0.0
10°	8.9	5.3	1.8	0.0
7.5°	8.9	5.3	1.8	0.0
5°	8.9	5.3	1.8	0.0
2.5°	8.9	5.3	1.8	0.0
0°	8.9	5.3	1.8	0.0
-2.5°	8.9	5.3	1.8	0.0
-5°	8.9	5.3	1.8	0.0
-7.5°	8.9	5.3	1.8	0.0
-10°	8.9	5.3	1.8	0.0
-12.5°	10.6	5.3	1.8	0.0
-15°	10.6	5.3	1.8	0.0
-17.5°	10.6	5.3	1.8	0.0
-20°	10.6	5.3	1.8	0.0



REPORT NUMBER: P722661

CATALOG NUMBER: IFLD-S-SA3B-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	10.6	5.3	1.8	0.0
-25°	10.6	5.3	1.8	0.0
-27.5°	10.6	5.3	1.8	0.0
-30°	10.6	5.3	1.8	0.0
-32.5°	10.6	5.3	1.8	0.0
-35°	10.6	5.3	1.8	0.0
-37.5°	10.6	5.3	1.8	0.0
-40°	10.6	5.3	1.8	0.0
-42.5°	8.9	5.3	1.8	0.0
-45°	10.6	5.3	1.8	0.0
-47.5°	10.6	5.3	1.8	0.0
-50°	10.6	5.3	1.8	0.0
-52.5°	10.6	5.3	1.8	0.0
-55°	10.6	5.3	1.8	0.0
-57.5°	10.6	5.3	1.8	0.0
-60°	10.6	5.3	1.8	0.0
-62.5°	8.9	5.3	1.8	0.0
-65°	8.9	3.5	1.8	0.0
-67.5°	8.9	3.5	1.8	0.0
-70°	8.9	3.5	1.8	0.0
-72.5°	7.1	3.5	1.8	0.0
-75°	7.1	3.5	1.8	0.0
-77.5°	5.3	1.8	0.0	0.0
-80°	5.3	1.8	0.0	0.0
-82.5°	3.5	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)