

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: P722641

Luminaire Tested: **IFLD-M-SA4A-927-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722641
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-927-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

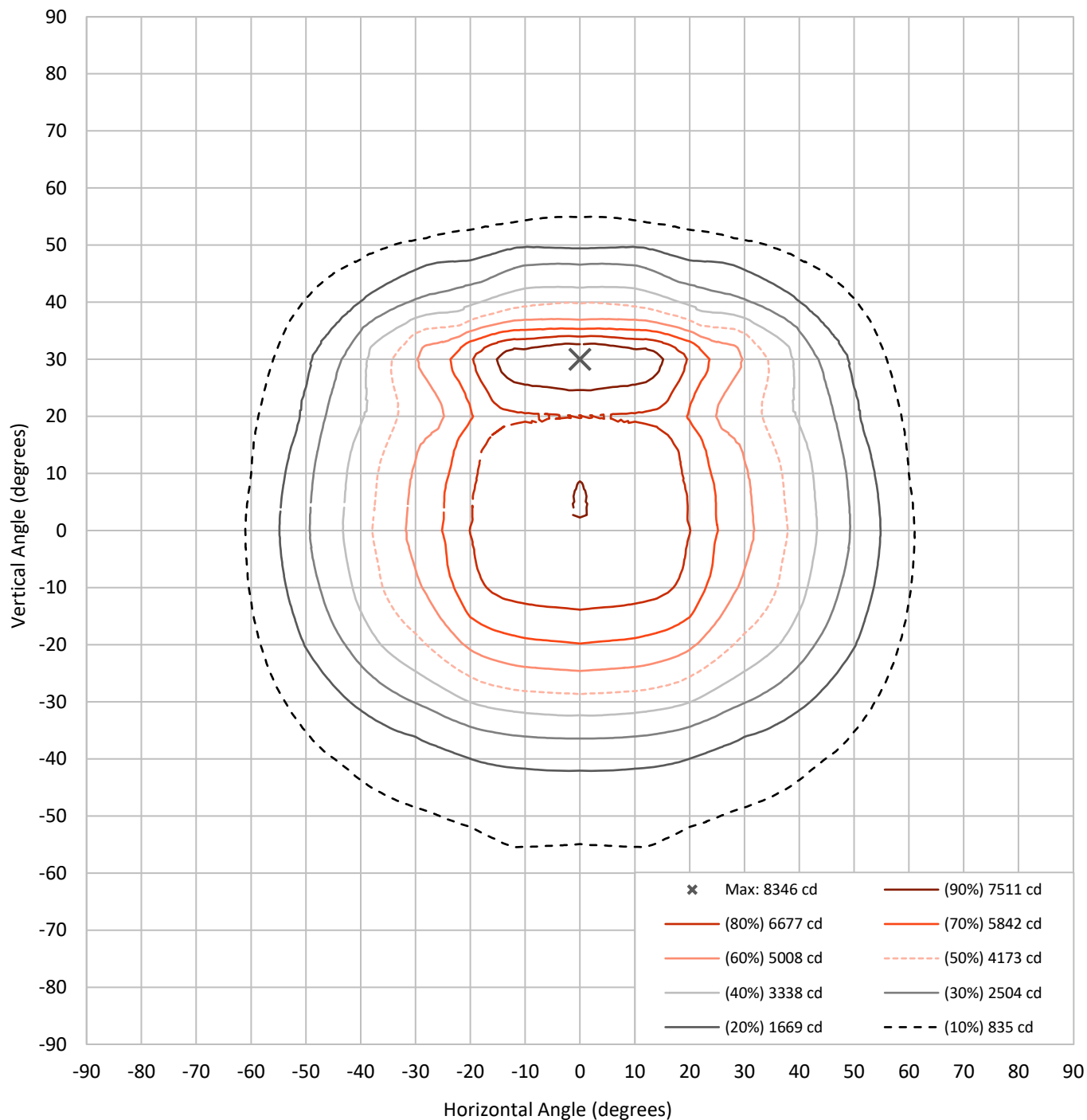
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11955.1 lumens	Max Intensity:	8346 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	93.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	7626.8 lumens	Field Lumens:	11271 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	128.6		
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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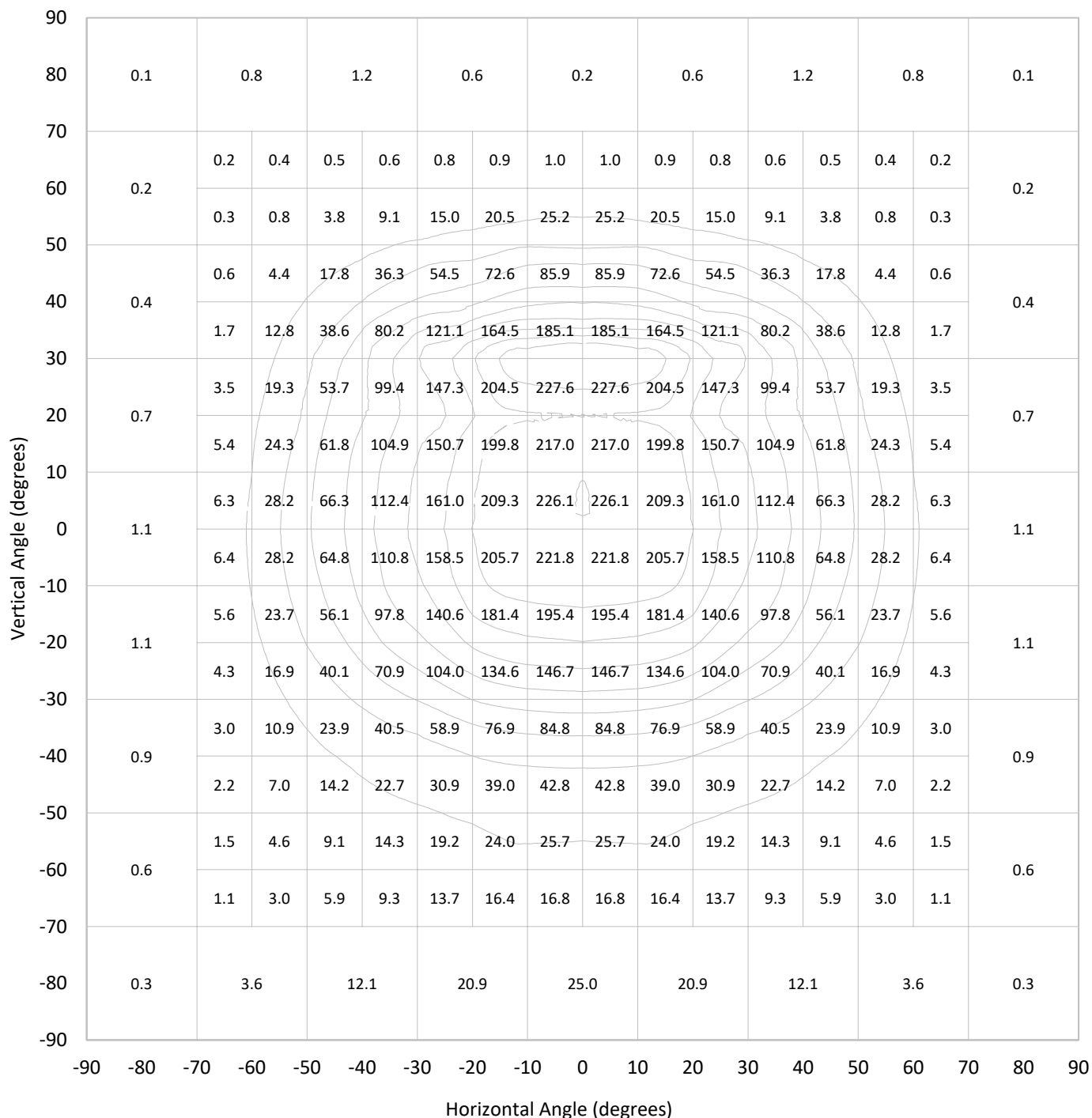
Iso-Candela Plot



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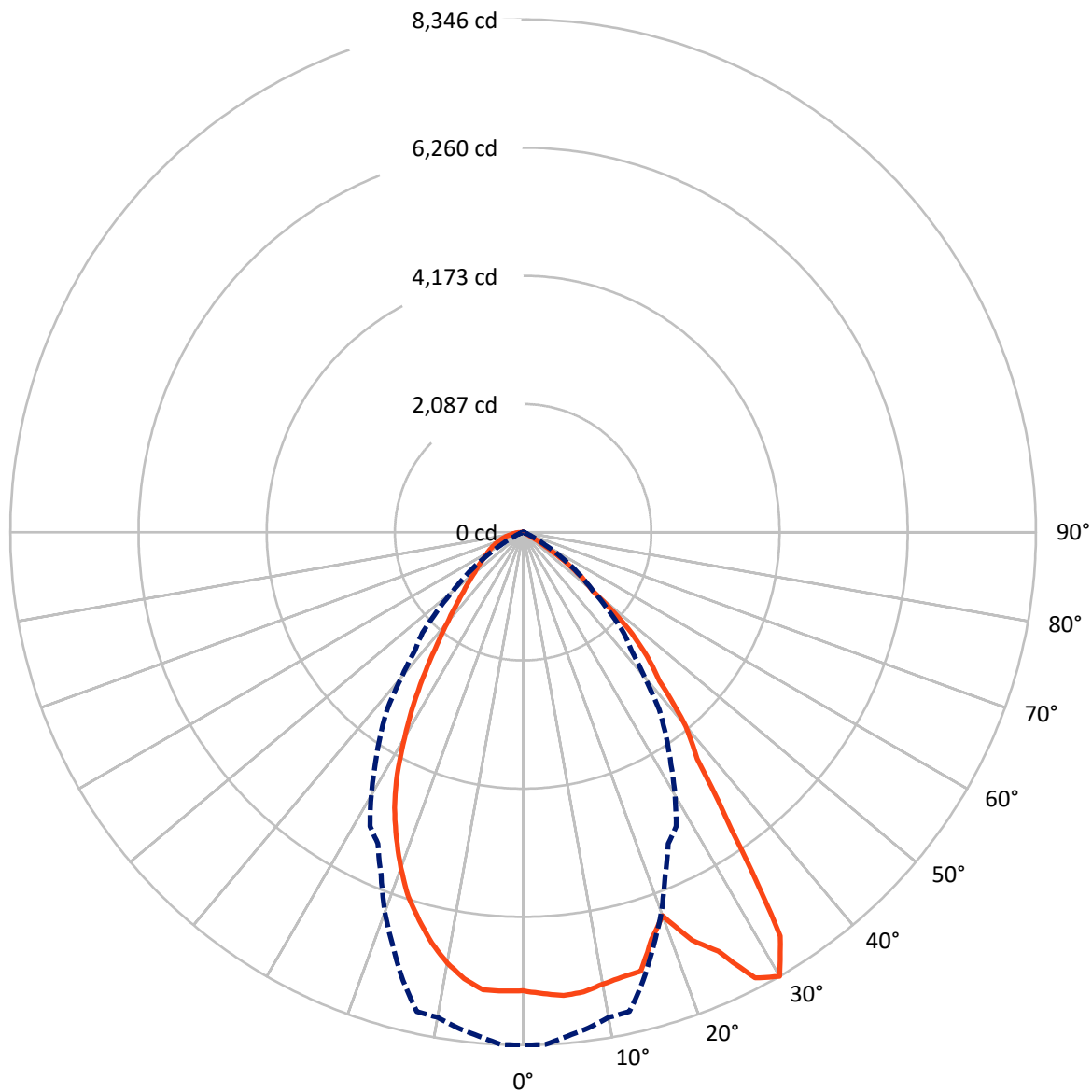
Lumen Table



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Luminous Intensity Polar Plot



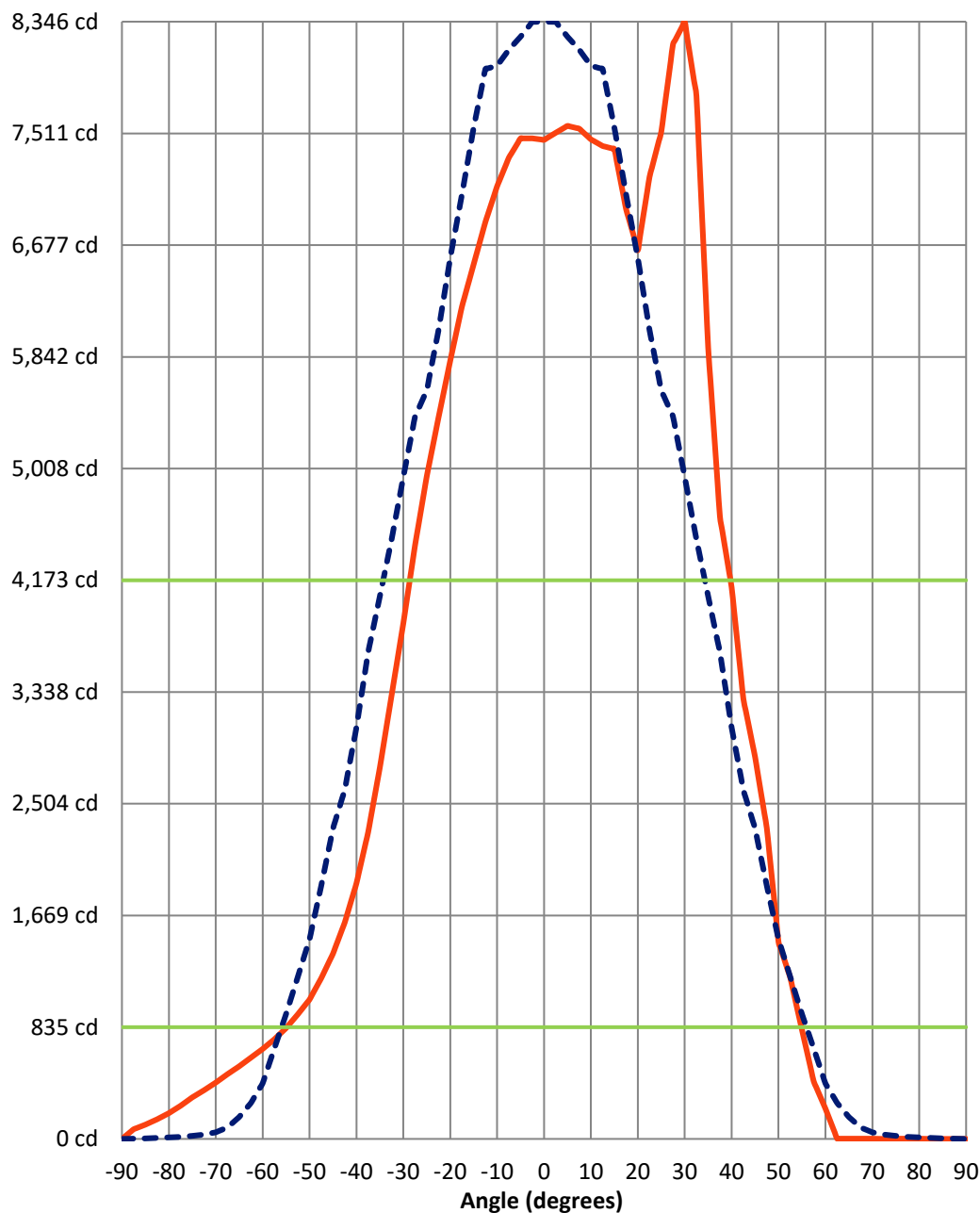
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 7626.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 11271

Efficiency: 94.3%

Spill:

Lumens: 684.1

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	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	0.0	1.9	1.9	1.9	3.8	3.8	3.8	3.8	3.8	3.8	5.7
82.5°	0.0	1.9	1.9	1.9	3.8	3.8	3.8	3.8	5.7	5.7	7.6
80°	1.9	1.9	1.9	1.9	3.8	3.8	3.8	5.7	5.7	7.6	7.6
77.5°	1.9	1.9	1.9	3.8	3.8	3.8	5.7	5.7	7.6	7.6	9.5
75°	1.9	1.9	1.9	3.8	3.8	5.7	5.7	5.7	7.6	7.6	9.5
72.5°	0.0	1.9	1.9	3.8	3.8	5.7	5.7	5.7	7.6	7.6	7.6
70°	1.9	1.9	1.9	3.8	3.8	5.7	5.7	5.7	7.6	7.6	7.6
67.5°	1.9	1.9	1.9	3.8	3.8	5.7	5.7	7.6	7.6	7.6	9.5
65°	1.9	1.9	1.9	3.8	5.7	5.7	7.6	9.5	9.5	11.4	13.3
62.5°	1.9	3.8	3.8	5.7	7.6	9.5	20.9	32.4	32.4	22.8	19.0
60°	226.5	245.5	243.6	220.8	192.2	161.8	156.1	150.4	138.9	121.8	127.5
57.5°	430.1	453.0	462.5	456.8	441.6	414.9	399.7	382.6	359.7	333.1	302.6
55°	814.6	824.1	803.2	763.2	719.4	675.7	660.4	637.6	603.3	569.1	523.4
52.5°	1204.8	1237.1	1227.6	1187.7	1128.7	1050.6	965.0	898.4	858.4	820.3	774.6
50°	1471.3	1484.6	1511.2	1558.8	1575.9	1522.6	1383.7	1204.8	1077.3	1142.0	1092.5
47.5°	2322.0	2388.6	2375.3	2341.1	2284.0	2139.3	1945.2	1785.3	1652.1	1608.3	1615.9
45°	2853.1	2879.7	2870.2	2855.0	2828.3	2693.2	2478.1	2232.6	2108.9	2059.4	2008.0
42.5°	3288.9	3317.5	3323.2	3325.1	3296.5	3172.8	2978.7	2733.1	2609.4	2466.7	2354.4
40°	4120.7	4162.5	4114.9	4052.1	3957.0	3816.1	3625.8	3399.3	3180.4	3005.3	2872.1
37.5°	4651.7	4703.1	4722.1	4718.3	4697.4	4636.4	4402.3	4187.3	3852.3	3460.2	3530.6
35°	5911.7	5965.0	5949.7	5892.6	5862.2	5797.5	5569.1	5314.0	4893.4	4467.1	4352.9
32.5°	7790.2	7906.3	7689.3	7451.4	7304.9	7356.3	7124.1	6499.8	6305.6	5536.7	5180.8
30°	8346.0	8344.1	8233.7	8136.6	8016.7	7992.0	7554.2	7055.5	6579.7	6041.1	5591.9
27.5°	8176.6	8142.3	8049.1	7978.6	7866.4	7807.4	7379.1	6983.2	6433.2	5951.6	5517.7
25°	7523.8	7550.4	7455.2	7441.9	7398.1	7283.9	7070.8	6625.4	6134.3	5601.4	5289.3
22.5°	7186.9	7177.4	7063.2	6996.5	7049.8	6928.0	6842.4	6393.2	5881.2	5432.0	5057.1
20°	6638.7	6640.6	6612.1	6606.4	6574.0	6518.8	6450.3	6132.4	5770.8	5386.3	4935.3
17.5°	6945.2	7023.2	7057.4	6773.9	6853.8	6791.0	6718.7	6275.2	6003.0	5662.3	5074.2
15°	7394.3	7365.8	7331.5	7316.3	7272.5	7213.5	7082.2	6728.2	6260.0	5907.9	5449.2
12.5°	7417.2	7362.0	7348.7	7346.8	7301.1	7219.2	7091.7	6798.6	6383.7	5955.4	5582.4
10°	7466.7	7409.6	7401.9	7411.5	7341.0	7289.7	7162.1	6890.0	6421.7	6037.3	5685.2
7.5°	7546.6	7451.4	7495.2	7466.7	7434.3	7352.5	7215.4	6949.0	6560.7	6145.8	5776.5
5°	7567.5	7462.9	7510.4	7483.8	7436.2	7356.3	7207.8	6987.0	6646.3	6189.5	5812.7
2.5°	7516.1	7485.7	7464.8	7415.3	7394.3	7306.8	7165.9	6929.9	6606.4	6170.5	5805.1
0°	7462.9	7489.5	7441.9	7392.4	7382.9	7312.5	7192.6	6979.4	6699.6	6223.8	5869.8
-2.5°	7474.3	7453.3	7421.0	7369.6	7320.1	7219.2	7110.7	6910.9	6610.2	6107.7	5778.4
-5°	7474.3	7377.2	7381.0	7382.9	7333.4	7228.7	7097.4	6928.0	6556.9	6105.8	5751.8
-7.5°	7329.6	7245.9	7232.6	7221.1	7207.8	7110.7	7008.0	6796.7	6467.4	6056.3	5677.6
-10°	7116.5	7034.6	7042.2	7025.1	6983.2	6918.5	6840.5	6650.1	6379.9	5900.2	5527.2
-12.5°	6850.0	6813.8	6792.9	6764.3	6722.5	6665.4	6585.4	6406.5	6117.2	5708.0	5354.0
-15°	6534.0	6507.4	6488.4	6471.2	6410.3	6351.3	6246.6	6081.1	5900.2	5460.6	5098.9
-17.5°	6218.1	6151.5	6124.8	6102.0	6062.0	5966.9	5871.7	5748.0	5494.8	5146.5	4836.3
-20°	5812.7	5772.7	5740.4	5709.9	5652.8	5578.6	5500.5	5357.8	5138.9	4857.2	4535.6

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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°	5388.3	5365.4	5338.8	5300.7	5262.6	5192.2	5083.7	4946.7	4775.4	4470.9	4170.1
-25°	4950.5	4906.7	4874.4	4838.2	4807.7	4743.0	4638.4	4507.0	4291.9	4029.3	3778.1
-27.5°	4434.7	4392.8	4375.7	4333.8	4307.2	4248.2	4143.5	4021.7	3827.5	3606.8	3351.7
-30°	3852.3	3859.9	3840.9	3800.9	3768.5	3692.4	3612.5	3509.7	3357.4	3146.2	2917.8
-32.5°	3313.7	3323.2	3300.3	3258.5	3216.6	3161.4	3087.2	2993.9	2879.7	2677.9	2480.0
-35°	2775.0	2771.2	2752.2	2727.4	2698.9	2653.2	2569.5	2499.0	2367.7	2226.9	2089.8
-37.5°	2291.6	2301.1	2295.4	2282.1	2249.7	2211.6	2143.1	2078.4	1981.3	1857.6	1751.0
-40°	1909.0	1920.4	1912.8	1899.5	1870.9	1848.1	1802.4	1745.3	1667.3	1560.7	1471.3
-42.5°	1615.9	1623.5	1614.0	1602.6	1577.8	1560.7	1524.5	1477.0	1412.3	1330.4	1250.5
-45°	1383.7	1385.6	1376.1	1368.5	1349.4	1328.5	1298.1	1260.0	1208.6	1151.5	1086.8
-47.5°	1201.0	1199.1	1189.6	1182.0	1166.7	1147.7	1122.9	1088.7	1048.7	1004.9	953.6
-50°	1041.1	1050.6	1046.8	1039.2	1027.8	1014.5	989.7	953.6	913.6	881.2	845.1
-52.5°	930.7	932.6	930.7	930.7	928.8	919.3	890.7	854.6	810.8	782.3	751.8
-55°	827.9	837.5	841.3	845.1	847.0	847.0	812.7	774.6	732.8	704.2	681.4
-57.5°	744.2	749.9	753.7	763.2	770.8	776.5	746.1	711.8	679.5	652.8	631.9
-60°	671.9	679.5	685.2	694.7	700.4	704.2	685.2	662.3	643.3	626.2	595.7
-62.5°	607.2	612.9	618.6	624.3	630.0	633.8	626.2	614.8	605.3	597.6	559.6
-65°	542.4	548.2	553.9	561.5	567.2	571.0	569.1	561.5	553.9	546.2	512.0
-67.5°	483.4	489.1	496.8	498.7	502.5	504.4	500.6	494.9	485.3	475.8	449.2
-70°	420.6	424.4	428.2	428.2	428.2	426.3	422.5	414.9	405.4	392.1	371.1
-72.5°	363.5	367.3	371.1	365.4	361.6	355.9	350.2	340.7	331.2	321.7	310.2
-75°	310.2	312.1	312.1	304.5	298.8	293.1	285.5	279.8	270.3	262.7	253.1
-77.5°	247.4	247.4	247.4	241.7	237.9	234.1	228.4	222.7	215.1	209.4	201.8
-80°	192.2	192.2	192.2	190.3	184.6	180.8	177.0	173.2	167.5	163.7	159.9
-82.5°	146.6	146.6	146.6	144.7	140.8	138.9	135.1	131.3	129.4	125.6	123.7
-85°	106.6	108.5	108.5	106.6	104.7	100.9	99.0	97.1	95.2	93.3	89.5
-87.5°	72.3	72.3	72.3	70.4	68.5	68.5	66.6	62.8	59.0	57.1	55.2
-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):

	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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	5.7	5.7	5.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6	5.7
82.5°	9.5	9.5	11.4	11.4	13.3	13.3	13.3	13.3	13.3	13.3	13.3
80°	9.5	11.4	13.3	15.2	17.1	19.0	19.0	19.0	19.0	17.1	17.1
77.5°	11.4	11.4	13.3	15.2	17.1	19.0	20.9	22.8	20.9	20.9	20.9
75°	11.4	13.3	13.3	15.2	17.1	19.0	20.9	22.8	22.8	22.8	22.8
72.5°	9.5	11.4	13.3	15.2	15.2	17.1	19.0	19.0	20.9	20.9	22.8
70°	9.5	11.4	13.3	13.3	15.2	15.2	17.1	19.0	19.0	20.9	20.9
67.5°	11.4	13.3	13.3	15.2	17.1	17.1	17.1	19.0	19.0	20.9	20.9
65°	13.3	15.2	15.2	17.1	19.0	19.0	20.9	20.9	20.9	22.8	22.8
62.5°	22.8	22.8	22.8	20.9	22.8	22.8	22.8	24.7	24.7	22.8	24.7
60°	118.0	85.6	59.0	74.2	66.6	30.5	30.5	30.5	28.5	28.5	26.6
57.5°	277.9	258.8	222.7	188.4	169.4	150.4	93.3	38.1	38.1	34.3	30.5
55°	464.4	401.6	375.0	329.3	279.8	256.9	213.2	144.7	68.5	45.7	40.0
52.5°	719.4	660.4	591.9	498.7	432.0	378.8	342.6	272.2	182.7	97.1	60.9
50°	963.1	936.4	894.6	803.2	664.3	574.8	515.8	435.9	327.4	199.8	114.2
47.5°	1551.2	1328.5	1193.4	1122.9	1006.8	837.5	723.3	633.8	502.5	336.9	201.8
45°	1952.8	1811.9	1596.9	1448.4	1277.1	1098.2	949.7	847.0	690.9	504.4	315.9
42.5°	2297.3	2175.5	1981.3	1764.4	1583.5	1349.4	1159.1	1024.0	892.6	689.0	472.0
40°	2740.8	2596.1	2409.6	2198.3	1987.0	1688.2	1379.9	1216.2	1071.6	890.7	637.6
37.5°	3471.6	3216.6	2912.1	2677.9	2402.0	2148.8	1726.3	1437.0	1265.7	1077.3	831.7
35°	4351.0	4071.2	3563.0	3252.7	2883.5	2506.7	2126.0	1697.7	1454.1	1254.3	1010.7
32.5°	5169.4	4760.2	4109.2	3745.7	3500.2	2805.5	2411.5	2040.3	1648.3	1402.7	1113.4
30°	5395.9	4944.8	4478.5	4054.0	3635.3	3073.8	2607.5	2318.2	1891.9	1492.2	1210.5
27.5°	5167.5	4857.2	4495.6	4101.6	3648.6	3167.1	2727.4	2451.5	2070.8	1553.1	1286.6
25°	4935.3	4611.7	4358.6	4029.3	3610.6	3161.4	2731.2	2535.2	2209.7	1671.1	1328.5
22.5°	4689.7	4488.0	4278.6	3911.3	3515.4	3178.5	2855.0	2607.5	2282.1	1804.3	1345.6
20°	4703.1	4571.7	4341.4	3850.4	3498.3	3279.4	3003.4	2698.9	2360.1	1920.4	1359.0
17.5°	4916.2	4744.9	4455.6	4029.3	3652.4	3382.2	3127.1	2824.5	2440.0	2023.2	1520.7
15°	5178.9	4918.1	4615.5	4240.6	3814.2	3494.5	3222.3	2912.1	2531.4	2118.4	1665.4
12.5°	5369.2	4998.1	4714.5	4375.7	3989.3	3616.3	3285.1	2978.7	2617.0	2196.4	1773.9
10°	5433.9	5097.0	4762.1	4459.4	4078.8	3681.0	3332.7	3020.5	2691.3	2257.3	1853.8
7.5°	5468.2	5182.7	4794.4	4497.5	4132.1	3721.0	3370.8	3043.4	2750.3	2299.2	1905.2
5°	5464.4	5228.4	4819.2	4508.9	4160.6	3738.1	3397.4	3049.1	2792.1	2335.4	1935.7
2.5°	5447.3	5258.8	4859.1	4528.0	4217.7	3770.4	3448.8	3060.5	2807.4	2375.3	1956.6
0°	5510.1	5260.7	4901.0	4533.7	4255.8	3781.9	3471.6	3051.0	2786.4	2386.7	1954.7
-2.5°	5374.9	5148.4	4891.5	4484.2	4204.4	3755.2	3429.8	3020.5	2740.8	2373.4	1947.1
-5°	5352.1	5066.6	4811.6	4438.5	4118.7	3700.0	3351.7	2963.4	2668.4	2329.6	1916.6
-7.5°	5291.2	4988.6	4733.5	4402.3	4038.8	3642.9	3277.5	2904.4	2590.4	2261.1	1872.9
-10°	5158.0	4868.6	4649.8	4324.3	3941.7	3561.1	3188.0	2826.4	2499.0	2167.9	1804.3
-12.5°	4967.6	4678.3	4461.3	4158.7	3819.9	3450.7	3081.4	2725.5	2394.4	2068.9	1722.5
-15°	4752.5	4459.4	4242.5	3966.5	3639.1	3279.4	2946.3	2598.0	2274.4	1964.2	1625.4
-17.5°	4508.9	4231.0	4021.7	3753.3	3427.8	3085.3	2754.1	2438.1	2135.5	1855.7	1513.1
-20°	4227.2	3957.0	3764.7	3496.4	3197.5	2864.5	2542.8	2244.0	1971.8	1709.2	1389.4

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CATALOG NUMBER: IFLD-M-SA4A-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3878.9	3641.0	3422.1	3182.3	2921.6	2617.0	2318.2	2053.7	1792.9	1536.0	1261.9
-25°	3523.0	3292.7	3079.5	2860.7	2611.3	2348.7	2093.6	1853.8	1598.8	1366.6	1138.2
-27.5°	3127.1	2921.6	2731.2	2529.5	2301.1	2074.6	1865.2	1631.1	1410.3	1212.4	1016.4
-30°	2704.6	2537.1	2371.5	2192.6	2008.0	1817.7	1631.1	1410.3	1237.1	1079.2	913.6
-32.5°	2299.2	2148.8	2015.6	1882.4	1722.5	1566.4	1400.8	1237.1	1092.5	953.6	814.6
-35°	1943.3	1783.4	1709.2	1602.6	1475.1	1334.2	1199.1	1084.9	968.8	843.2	719.4
-37.5°	1634.9	1532.2	1444.6	1364.7	1263.8	1142.0	1044.9	951.7	854.6	740.4	633.8
-40°	1393.2	1319.0	1231.4	1172.4	1090.6	1003.0	906.0	827.9	746.1	652.8	565.3
-42.5°	1199.1	1138.2	1081.1	1018.3	957.4	883.1	799.4	725.2	650.9	582.4	510.1
-45°	1039.2	995.4	949.7	898.4	845.1	780.4	711.8	635.7	582.4	521.5	460.6
-47.5°	907.9	875.5	837.5	797.5	751.8	694.7	631.9	576.7	521.5	470.1	411.1
-50°	803.2	772.7	742.3	708.0	668.1	618.6	571.0	519.6	468.2	418.7	363.5
-52.5°	715.6	689.0	664.3	635.7	597.6	555.8	512.0	466.3	418.7	369.2	325.5
-55°	654.7	624.3	599.5	571.0	536.7	496.8	456.8	414.9	369.2	331.2	295.0
-57.5°	605.3	571.0	542.4	512.0	477.7	443.5	407.3	369.2	335.0	298.8	264.6
-60°	563.4	523.4	491.1	460.6	428.2	395.9	365.4	333.1	300.7	268.4	234.1
-62.5°	519.6	477.7	437.8	409.2	384.5	355.9	329.3	298.8	270.3	237.9	213.2
-65°	470.1	430.1	392.1	367.3	344.5	319.8	295.0	268.4	243.6	218.9	196.0
-67.5°	414.9	380.7	354.0	331.2	308.3	287.4	264.6	241.7	220.8	196.0	173.2
-70°	348.3	329.3	314.0	296.9	276.0	256.9	236.0	215.1	192.2	171.3	150.4
-72.5°	296.9	285.5	274.1	256.9	237.9	220.8	203.7	184.6	165.6	146.6	129.4
-75°	243.6	234.1	224.6	213.2	197.9	184.6	169.4	152.3	137.0	123.7	110.4
-77.5°	196.0	188.4	182.7	173.2	161.8	150.4	140.8	129.4	118.0	104.7	91.4
-80°	156.1	152.3	150.4	146.6	137.0	127.5	119.9	110.4	99.0	89.5	79.9
-82.5°	121.8	121.8	119.9	118.0	110.4	102.8	97.1	89.5	81.8	74.2	64.7
-85°	89.5	87.6	87.6	85.6	79.9	76.1	70.4	66.6	60.9	53.3	49.5
-87.5°	53.3	51.4	49.5	47.6	43.8	41.9	38.1	36.2	32.4	28.5	26.6
-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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CATALOG NUMBER: IFLD-M-SA4A-927-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.0	0.0
85°	5.7	3.8	3.8	3.8	3.8	3.8	1.9	1.9	1.9	1.9	1.9
82.5°	11.4	11.4	9.5	9.5	7.6	5.7	3.8	3.8	3.8	1.9	1.9
80°	17.1	17.1	17.1	15.2	13.3	9.5	7.6	5.7	3.8	1.9	1.9
77.5°	20.9	19.0	19.0	17.1	17.1	15.2	11.4	9.5	5.7	3.8	1.9
75°	20.9	20.9	20.9	19.0	19.0	17.1	15.2	11.4	9.5	5.7	3.8
72.5°	22.8	20.9	20.9	20.9	19.0	17.1	15.2	13.3	11.4	7.6	3.8
70°	20.9	20.9	20.9	20.9	19.0	19.0	15.2	13.3	13.3	7.6	5.7
67.5°	20.9	20.9	20.9	19.0	19.0	17.1	15.2	13.3	13.3	9.5	5.7
65°	22.8	20.9	20.9	20.9	19.0	17.1	15.2	13.3	13.3	11.4	7.6
62.5°	24.7	22.8	22.8	20.9	19.0	17.1	15.2	13.3	13.3	11.4	7.6
60°	26.6	24.7	22.8	22.8	20.9	19.0	15.2	15.2	13.3	11.4	7.6
57.5°	28.5	26.6	26.6	24.7	22.8	20.9	17.1	15.2	13.3	11.4	9.5
55°	34.3	30.5	28.5	28.5	26.6	22.8	19.0	15.2	13.3	11.4	9.5
52.5°	45.7	36.2	32.4	32.4	30.5	26.6	20.9	17.1	13.3	11.4	9.5
50°	72.3	45.7	38.1	34.3	34.3	30.5	24.7	19.0	13.3	11.4	9.5
47.5°	114.2	76.1	45.7	40.0	38.1	36.2	28.5	19.0	15.2	11.4	9.5
45°	188.4	112.3	74.2	47.6	40.0	38.1	32.4	20.9	15.2	13.3	9.5
42.5°	258.8	175.1	114.2	57.1	47.6	41.9	34.3	22.8	17.1	13.3	9.5
40°	407.3	239.8	159.9	93.3	55.2	43.8	38.1	26.6	17.1	13.3	9.5
37.5°	552.0	317.9	215.1	137.0	62.8	49.5	40.0	28.5	19.0	13.3	11.4
35°	696.6	445.4	266.5	182.7	83.7	59.0	41.9	30.5	19.0	13.3	11.4
32.5°	826.0	565.3	319.8	228.4	125.6	70.4	45.7	32.4	20.9	15.2	11.4
30°	932.6	675.7	414.9	268.4	163.7	85.6	49.5	32.4	22.8	15.2	11.4
27.5°	1012.6	761.3	512.0	310.2	196.0	100.9	57.1	36.2	22.8	15.2	11.4
25°	1077.3	827.9	597.6	354.0	224.6	125.6	68.5	38.1	24.7	17.1	11.4
22.5°	1128.7	883.1	668.1	413.0	258.8	150.4	83.7	41.9	24.7	17.1	11.4
20°	1199.1	938.3	715.6	475.8	295.0	173.2	97.1	45.7	24.7	17.1	13.3
17.5°	1260.0	993.5	753.7	529.1	331.2	190.3	112.3	49.5	26.6	17.1	13.3
15°	1330.4	1046.8	788.0	571.0	365.4	205.6	125.6	53.3	26.6	19.0	13.3
12.5°	1406.5	1096.3	812.7	605.3	401.6	218.9	137.0	60.9	28.5	19.0	13.3
10°	1484.6	1138.2	833.6	630.0	428.2	232.2	144.7	68.5	30.5	19.0	13.3
7.5°	1562.6	1176.2	860.3	641.4	439.7	247.4	148.5	76.1	30.5	20.9	13.3
5°	1615.9	1201.0	898.4	649.0	445.4	264.6	154.2	85.6	32.4	20.9	13.3
2.5°	1661.6	1216.2	938.3	654.7	447.3	274.1	152.3	91.4	34.3	20.9	13.3
0°	1682.5	1216.2	965.0	650.9	441.6	283.6	152.3	97.1	34.3	20.9	13.3
-2.5°	1650.2	1250.5	957.4	652.8	443.5	283.6	159.9	99.0	38.1	22.8	13.3
-5°	1598.8	1263.8	934.5	643.3	439.7	283.6	169.4	100.9	40.0	22.8	15.2
-7.5°	1549.3	1269.5	907.9	633.8	434.0	276.0	171.3	99.0	43.8	24.7	15.2
-10°	1484.6	1206.7	873.6	616.7	422.5	270.3	175.1	99.0	45.7	24.7	15.2
-12.5°	1410.3	1130.6	831.7	591.9	409.2	264.6	177.0	99.0	47.6	26.6	15.2
-15°	1324.7	1052.5	784.2	565.3	390.2	256.9	173.2	97.1	49.5	26.6	17.1
-17.5°	1227.6	976.4	734.7	532.9	369.2	247.4	165.6	95.2	49.5	26.6	17.1
-20°	1117.2	900.3	679.5	500.6	344.5	236.0	158.0	91.4	49.5	26.6	17.1

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CATALOG NUMBER: IFLD-M-SA4A-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1018.3	829.8	622.4	464.4	317.9	222.7	148.5	87.6	49.5	28.5	17.1
-25°	936.4	761.3	578.6	428.2	289.3	207.5	138.9	83.7	49.5	28.5	17.1
-27.5°	850.8	687.1	532.9	394.0	270.3	194.1	129.4	79.9	47.6	28.5	17.1
-30°	763.2	614.8	485.3	355.9	251.2	180.8	121.8	74.2	47.6	28.5	17.1
-32.5°	683.3	555.8	441.6	317.9	230.3	167.5	114.2	72.3	45.7	28.5	17.1
-35°	605.3	502.5	395.9	287.4	207.5	154.2	106.6	70.4	45.7	28.5	17.1
-37.5°	540.5	453.0	354.0	266.5	194.1	142.7	99.0	66.6	43.8	28.5	17.1
-40°	487.2	407.3	314.0	243.6	182.7	131.3	91.4	64.7	43.8	28.5	17.1
-42.5°	437.8	363.5	289.3	224.6	171.3	123.7	85.6	62.8	41.9	28.5	17.1
-45°	394.0	325.5	264.6	207.5	158.0	114.2	81.8	59.0	40.0	28.5	19.0
-47.5°	350.2	298.8	241.7	192.2	144.7	102.8	78.0	57.1	38.1	26.6	19.0
-50°	315.9	270.3	222.7	175.1	131.3	99.0	74.2	53.3	38.1	26.6	19.0
-52.5°	285.5	243.6	201.8	158.0	119.9	93.3	70.4	49.5	36.2	26.6	19.0
-55°	256.9	218.9	180.8	140.8	112.3	87.6	64.7	45.7	36.2	26.6	19.0
-57.5°	228.4	196.0	159.9	127.5	102.8	81.8	60.9	45.7	36.2	26.6	19.0
-60°	205.6	175.1	144.7	118.0	95.2	74.2	55.2	43.8	34.3	26.6	19.0
-62.5°	186.5	158.0	131.3	106.6	87.6	66.6	53.3	43.8	34.3	26.6	17.1
-65°	167.5	142.7	118.0	97.1	78.0	62.8	51.4	41.9	34.3	26.6	17.1
-67.5°	148.5	125.6	106.6	85.6	72.3	60.9	49.5	41.9	32.4	24.7	17.1
-70°	129.4	110.4	93.3	79.9	68.5	57.1	47.6	40.0	32.4	22.8	15.2
-72.5°	114.2	97.1	83.7	74.2	64.7	55.2	45.7	38.1	30.5	20.9	13.3
-75°	97.1	85.6	76.1	66.6	59.0	51.4	43.8	34.3	26.6	19.0	13.3
-77.5°	81.8	74.2	66.6	60.9	53.3	45.7	38.1	30.5	24.7	17.1	11.4
-80°	70.4	64.7	59.0	53.3	47.6	40.0	34.3	26.6	20.9	15.2	9.5
-82.5°	57.1	53.3	47.6	43.8	40.0	34.3	28.5	22.8	15.2	11.4	7.6
-85°	43.8	40.0	38.1	34.3	30.5	24.7	19.0	15.2	11.4	7.6	3.8
-87.5°	22.8	20.9	19.0	17.1	15.2	11.4	9.5	7.6	5.7	3.8	1.9
-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: P722641

CATALOG NUMBER: IFLD-M-SA4A-927-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°	1.9	0.0	0.0	0.0
77.5°	1.9	0.0	0.0	0.0
75°	1.9	1.9	0.0	0.0
72.5°	1.9	1.9	0.0	0.0
70°	1.9	1.9	0.0	0.0
67.5°	3.8	1.9	0.0	0.0
65°	3.8	1.9	0.0	0.0
62.5°	3.8	1.9	0.0	0.0
60°	3.8	1.9	0.0	0.0
57.5°	5.7	1.9	1.9	0.0
55°	5.7	1.9	1.9	0.0
52.5°	5.7	1.9	1.9	0.0
50°	5.7	3.8	1.9	0.0
47.5°	5.7	3.8	1.9	0.0
45°	5.7	3.8	1.9	0.0
42.5°	5.7	3.8	1.9	0.0
40°	7.6	3.8	1.9	0.0
37.5°	7.6	3.8	1.9	0.0
35°	7.6	3.8	1.9	0.0
32.5°	7.6	3.8	1.9	0.0
30°	7.6	3.8	1.9	0.0
27.5°	7.6	5.7	1.9	0.0
25°	7.6	5.7	1.9	0.0
22.5°	9.5	5.7	1.9	0.0
20°	9.5	5.7	1.9	0.0
17.5°	9.5	5.7	1.9	0.0
15°	9.5	5.7	1.9	0.0
12.5°	9.5	5.7	1.9	0.0
10°	9.5	5.7	1.9	0.0
7.5°	9.5	5.7	1.9	0.0
5°	9.5	5.7	1.9	0.0
2.5°	9.5	5.7	1.9	0.0
0°	9.5	5.7	1.9	0.0
-2.5°	9.5	5.7	1.9	0.0
-5°	9.5	5.7	1.9	0.0
-7.5°	9.5	5.7	1.9	0.0
-10°	9.5	5.7	1.9	0.0
-12.5°	11.4	5.7	1.9	0.0
-15°	11.4	5.7	1.9	0.0
-17.5°	11.4	5.7	1.9	0.0
-20°	11.4	5.7	1.9	0.0

REPORT NUMBER: P722641

CATALOG NUMBER: IFLD-M-SA4A-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	11.4	5.7	1.9	0.0
-25°	11.4	5.7	1.9	0.0
-27.5°	11.4	5.7	1.9	0.0
-30°	11.4	5.7	1.9	0.0
-32.5°	11.4	5.7	1.9	0.0
-35°	11.4	5.7	1.9	0.0
-37.5°	11.4	5.7	1.9	0.0
-40°	11.4	5.7	1.9	0.0
-42.5°	9.5	5.7	1.9	0.0
-45°	11.4	5.7	1.9	0.0
-47.5°	11.4	5.7	1.9	0.0
-50°	11.4	5.7	1.9	0.0
-52.5°	11.4	5.7	1.9	0.0
-55°	11.4	5.7	1.9	0.0
-57.5°	11.4	5.7	1.9	0.0
-60°	11.4	5.7	1.9	0.0
-62.5°	9.5	5.7	1.9	0.0
-65°	9.5	3.8	1.9	0.0
-67.5°	9.5	3.8	1.9	0.0
-70°	9.5	3.8	1.9	0.0
-72.5°	7.6	3.8	1.9	0.0
-75°	7.6	3.8	1.9	0.0
-77.5°	5.7	1.9	0.0	0.0
-80°	5.7	1.9	0.0	0.0
-82.5°	3.8	1.9	0.0	0.0
-85°	1.9	1.9	0.0	0.0
-87.5°	1.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)