

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: P722742

Luminaire Tested: **IFLD-S-SA2A-950-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722742
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2A-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

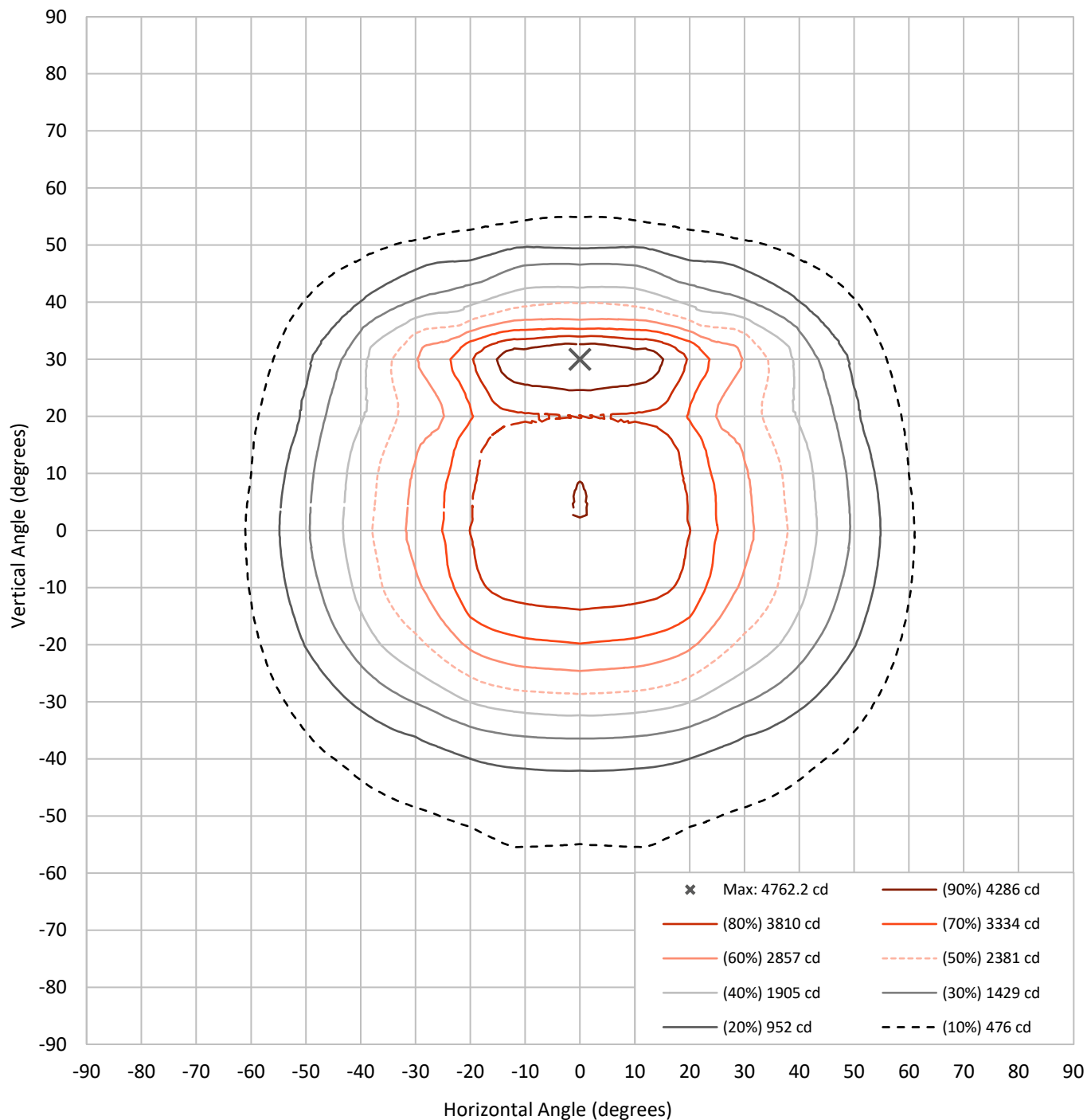
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	6821.5 lumens	Max Intensity:	4762.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	106.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	4351.8 lumens	Field Lumens:	6431.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	63.8		
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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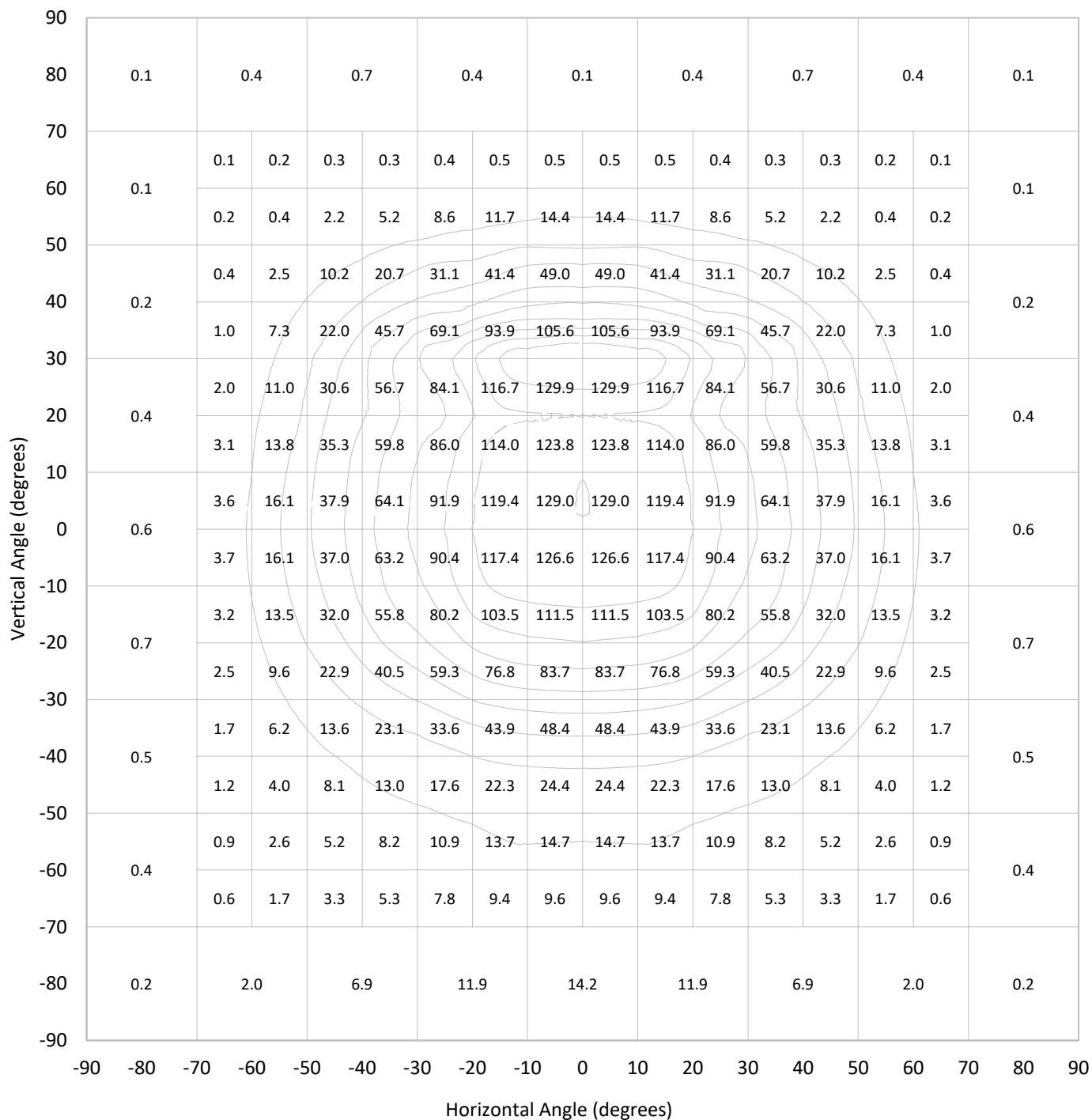
Iso-Candela Plot



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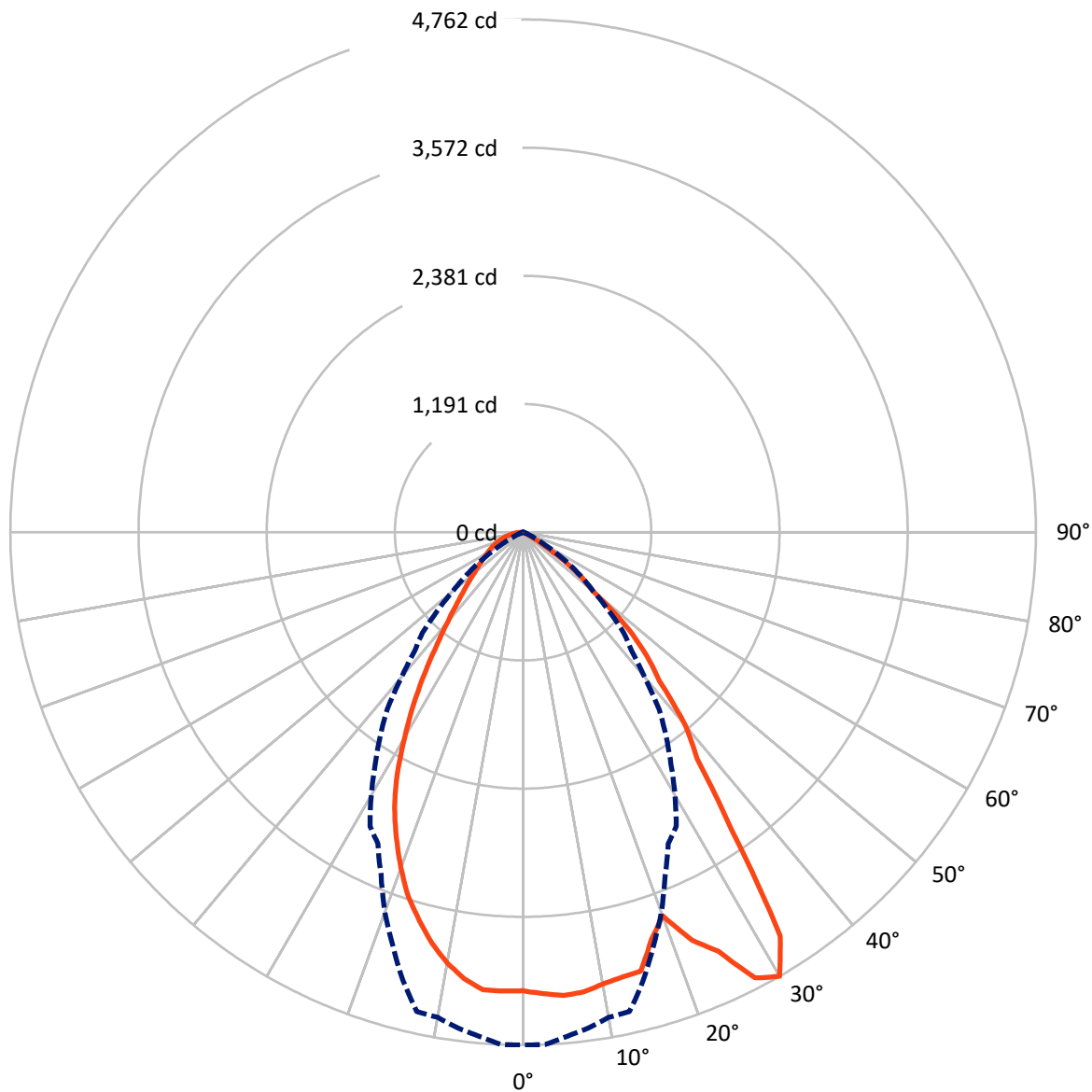
Lumen Table



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Luminous Intensity Polar Plot



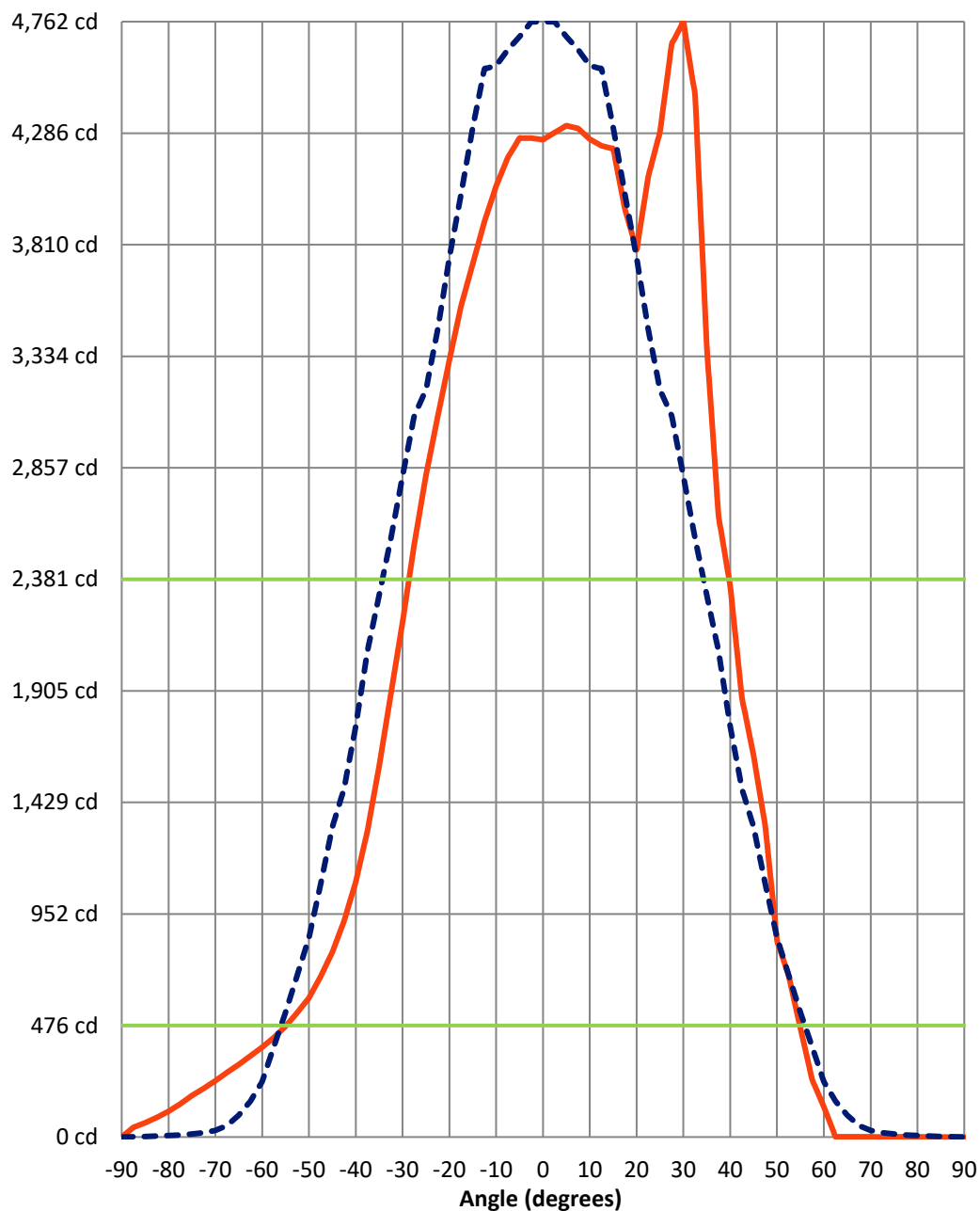
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 4351.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 6431.1

Efficiency: 94.3%

Spill:

Lumens: 390.4

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	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	0.0	1.1	1.1	1.1	2.2	2.2	2.2	2.2	2.2	2.2	3.3
82.5°	0.0	1.1	1.1	1.1	2.2	2.2	2.2	2.2	3.3	3.3	4.3
80°	1.1	1.1	1.1	1.1	2.2	2.2	2.2	3.3	3.3	4.3	4.3
77.5°	1.1	1.1	1.1	2.2	2.2	2.2	3.3	3.3	4.3	4.3	5.4
75°	1.1	1.1	1.1	2.2	2.2	3.3	3.3	3.3	4.3	4.3	5.4
72.5°	0.0	1.1	1.1	2.2	2.2	3.3	3.3	3.3	4.3	4.3	4.3
70°	1.1	1.1	1.1	2.2	2.2	3.3	3.3	3.3	4.3	4.3	4.3
67.5°	1.1	1.1	1.1	2.2	2.2	3.3	3.3	4.3	4.3	4.3	5.4
65°	1.1	1.1	1.1	2.2	3.3	3.3	4.3	5.4	5.4	6.5	7.6
62.5°	1.1	2.2	2.2	3.3	4.3	5.4	11.9	18.5	18.5	13.0	10.9
60°	129.2	140.1	139.0	126.0	109.7	92.3	89.1	85.8	79.3	69.5	72.8
57.5°	245.4	258.5	263.9	260.6	252.0	236.8	228.1	218.3	205.3	190.1	172.7
55°	464.8	470.2	458.3	435.5	410.5	385.5	376.8	363.8	344.3	324.7	298.7
52.5°	687.4	705.9	700.5	677.7	644.0	599.5	550.6	512.6	489.8	468.1	442.0
50°	839.5	847.1	862.3	889.4	899.2	868.8	789.5	687.4	614.7	651.6	623.4
47.5°	1324.9	1362.9	1355.3	1335.8	1303.2	1220.7	1109.9	1018.7	942.7	917.7	922.0
45°	1627.9	1643.1	1637.7	1629.0	1613.8	1536.7	1414.0	1273.9	1203.3	1175.1	1145.7
42.5°	1876.6	1892.9	1896.2	1897.3	1881.0	1810.4	1699.6	1559.5	1488.9	1407.5	1343.4
40°	2351.2	2375.1	2348.0	2312.1	2257.8	2177.5	2068.9	1939.6	1814.7	1714.8	1638.8
37.5°	2654.2	2683.5	2694.4	2692.2	2680.3	2645.5	2511.9	2389.2	2198.1	1974.4	2014.6
35°	3373.2	3403.6	3394.9	3362.3	3344.9	3308.0	3177.7	3032.1	2792.1	2548.9	2483.7
32.5°	4445.0	4511.3	4387.5	4251.7	4168.1	4197.4	4064.9	3708.7	3598.0	3159.2	2956.1
30°	4762.2	4761.1	4698.1	4642.7	4574.3	4560.2	4310.4	4025.8	3754.3	3447.0	3190.7
27.5°	4665.5	4646.0	4592.7	4552.6	4488.5	4454.8	4210.5	3984.6	3670.7	3396.0	3148.3
25°	4293.0	4308.2	4253.9	4246.3	4221.3	4156.2	4034.5	3780.4	3500.2	3196.1	3018.0
22.5°	4100.8	4095.4	4030.2	3992.2	4022.6	3953.1	3904.2	3647.9	3355.8	3099.5	2885.5
20°	3788.0	3789.1	3772.8	3769.5	3751.1	3719.6	3680.5	3499.1	3292.8	3073.4	2816.0
17.5°	3962.9	4007.4	4026.9	3865.1	3910.7	3874.9	3833.6	3580.6	3425.3	3230.9	2895.3
15°	4219.2	4202.9	4183.3	4174.6	4149.7	4116.0	4041.1	3839.1	3571.9	3371.0	3109.3
12.5°	4232.2	4200.7	4193.1	4192.0	4165.9	4119.2	4046.5	3879.2	3642.5	3398.1	3185.3
10°	4260.4	4227.8	4223.5	4228.9	4188.7	4159.4	4086.7	3931.4	3664.2	3444.8	3243.9
7.5°	4306.0	4251.7	4276.7	4260.4	4242.0	4195.3	4117.1	3965.0	3743.5	3506.7	3296.0
5°	4318.0	4258.3	4285.4	4270.2	4243.1	4197.4	4112.7	3986.8	3792.4	3531.7	3316.7
2.5°	4288.7	4271.3	4259.3	4231.1	4219.2	4169.2	4088.8	3954.2	3769.5	3520.9	3312.3
0°	4258.3	4273.5	4246.3	4218.1	4212.6	4172.5	4104.0	3982.4	3822.8	3551.3	3349.3
-2.5°	4264.8	4252.8	4234.4	4205.0	4176.8	4119.2	4057.3	3943.3	3771.7	3485.0	3297.1
-5°	4264.8	4209.4	4211.6	4212.6	4184.4	4124.7	4049.7	3953.1	3741.3	3483.9	3281.9
-7.5°	4182.2	4134.4	4126.8	4120.3	4112.7	4057.3	3998.7	3878.2	3690.3	3455.7	3239.6
-10°	4060.6	4013.9	4018.2	4008.5	3984.6	3947.7	3903.1	3794.5	3640.3	3366.6	3153.8
-12.5°	3908.6	3887.9	3876.0	3859.7	3835.8	3803.2	3757.6	3655.5	3490.4	3257.0	3055.0
-15°	3728.3	3713.1	3702.2	3692.4	3657.7	3624.0	3564.3	3469.8	3366.6	3115.8	2909.4
-17.5°	3548.0	3510.0	3494.8	3481.8	3458.9	3404.6	3350.3	3279.8	3135.3	2936.6	2759.6
-20°	3316.7	3293.9	3275.4	3258.0	3225.5	3183.1	3138.6	3057.1	2932.2	2771.5	2588.0

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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°	3074.5	3061.5	3046.3	3024.5	3002.8	2962.6	2900.7	2822.5	2724.8	2551.0	2379.5
-25°	2824.7	2799.7	2781.3	2760.6	2743.3	2706.3	2646.6	2571.7	2449.0	2299.1	2155.7
-27.5°	2530.4	2506.5	2496.7	2472.9	2457.6	2424.0	2364.2	2294.7	2184.0	2058.0	1912.5
-30°	2198.1	2202.4	2191.6	2168.8	2150.3	2106.9	2061.3	2002.6	1915.7	1795.2	1664.9
-32.5°	1890.7	1896.2	1883.1	1859.3	1835.4	1803.9	1761.5	1708.3	1643.1	1528.0	1415.1
-35°	1583.4	1581.2	1570.4	1556.3	1540.0	1513.9	1466.1	1425.9	1351.0	1270.6	1192.4
-37.5°	1307.6	1313.0	1309.7	1302.1	1283.7	1261.9	1222.8	1185.9	1130.5	1059.9	999.1
-40°	1089.3	1095.8	1091.4	1083.8	1067.6	1054.5	1028.5	995.9	951.3	890.5	839.5
-42.5°	922.0	926.4	920.9	914.4	900.3	890.5	869.9	842.7	805.8	759.1	713.5
-45°	789.5	790.6	785.2	780.8	770.0	758.0	740.7	718.9	689.6	657.0	620.1
-47.5°	685.3	684.2	678.8	674.4	665.7	654.9	640.7	621.2	598.4	573.4	544.1
-50°	594.0	599.5	597.3	593.0	586.4	578.8	564.7	544.1	521.3	502.8	482.2
-52.5°	531.1	532.1	531.1	531.1	530.0	524.5	508.3	487.6	462.6	446.4	429.0
-55°	472.4	477.8	480.0	482.2	483.3	483.3	463.7	442.0	418.1	401.8	388.8
-57.5°	424.6	427.9	430.1	435.5	439.8	443.1	425.7	406.2	387.7	372.5	360.6
-60°	383.4	387.7	391.0	396.4	399.7	401.8	391.0	377.9	367.1	357.3	339.9
-62.5°	346.4	349.7	353.0	356.2	359.5	361.6	357.3	350.8	345.4	341.0	319.3
-65°	309.5	312.8	316.0	320.4	323.6	325.8	324.7	320.4	316.0	311.7	292.1
-67.5°	275.8	279.1	283.4	284.5	286.7	287.8	285.6	282.4	276.9	271.5	256.3
-70°	240.0	242.2	244.4	244.4	244.4	243.3	241.1	236.8	231.3	223.7	211.8
-72.5°	207.4	209.6	211.8	208.5	206.3	203.1	199.8	194.4	189.0	183.5	177.0
-75°	177.0	178.1	178.1	173.8	170.5	167.2	162.9	159.6	154.2	149.9	144.4
-77.5°	141.2	141.2	141.2	137.9	135.8	133.6	130.3	127.1	122.7	119.5	115.1
-80°	109.7	109.7	109.7	108.6	105.3	103.2	101.0	98.8	95.6	93.4	91.2
-82.5°	83.6	83.6	83.6	82.5	80.4	79.3	77.1	74.9	73.8	71.7	70.6
-85°	60.8	61.9	61.9	60.8	59.7	57.6	56.5	55.4	54.3	53.2	51.0
-87.5°	41.3	41.3	41.3	40.2	39.1	39.1	38.0	35.8	33.7	32.6	31.5
-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	3.3	3.3	3.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.3
82.5°	5.4	5.4	6.5	6.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6
80°	5.4	6.5	7.6	8.7	9.8	10.9	10.9	10.9	10.9	9.8	9.8
77.5°	6.5	6.5	7.6	8.7	9.8	10.9	11.9	13.0	11.9	11.9	11.9
75°	6.5	7.6	7.6	8.7	9.8	10.9	11.9	13.0	13.0	13.0	13.0
72.5°	5.4	6.5	7.6	8.7	8.7	9.8	10.9	10.9	11.9	11.9	13.0
70°	5.4	6.5	7.6	7.6	8.7	8.7	9.8	10.9	10.9	11.9	11.9
67.5°	6.5	7.6	7.6	8.7	9.8	9.8	9.8	10.9	10.9	11.9	11.9
65°	7.6	8.7	8.7	9.8	10.9	10.9	11.9	11.9	11.9	13.0	13.0
62.5°	13.0	13.0	13.0	11.9	13.0	13.0	13.0	14.1	14.1	13.0	14.1
60°	67.3	48.9	33.7	42.4	38.0	17.4	17.4	17.4	16.3	16.3	15.2
57.5°	158.6	147.7	127.1	107.5	96.7	85.8	53.2	21.7	21.7	19.5	17.4
55°	265.0	229.1	213.9	187.9	159.6	146.6	121.6	82.5	39.1	26.1	22.8
52.5°	410.5	376.8	337.7	284.5	246.5	216.1	195.5	155.3	104.3	55.4	34.8
50°	549.5	534.3	510.4	458.3	379.0	328.0	294.3	248.7	186.8	114.0	65.2
47.5°	885.1	758.0	680.9	640.7	574.5	477.8	412.7	361.6	286.7	192.2	115.1
45°	1114.2	1033.9	911.2	826.5	728.7	626.6	541.9	483.3	394.2	287.8	180.3
42.5°	1310.8	1241.3	1130.5	1006.7	903.6	770.0	661.4	584.3	509.3	393.1	269.3
40°	1563.9	1481.3	1374.9	1254.3	1133.8	963.3	787.4	694.0	611.4	508.3	363.8
37.5°	1980.9	1835.4	1661.6	1528.0	1370.5	1226.1	985.0	819.9	722.2	614.7	474.6
35°	2482.6	2323.0	2033.0	1856.0	1645.3	1430.3	1213.1	968.7	829.7	715.7	576.7
32.5°	2949.6	2716.1	2344.7	2137.3	1997.2	1600.8	1376.0	1164.2	940.5	800.4	635.3
30°	3078.8	2821.5	2555.4	2313.2	2074.3	1753.9	1487.8	1322.8	1079.5	851.4	690.7
27.5°	2948.5	2771.5	2565.2	2340.4	2081.9	1807.1	1556.3	1398.8	1181.6	886.2	734.1
25°	2816.0	2631.4	2487.0	2299.1	2060.2	1803.9	1558.4	1446.6	1260.9	953.5	758.0
22.5°	2675.9	2560.8	2441.4	2231.8	2005.9	1813.6	1629.0	1487.8	1302.1	1029.5	767.8
20°	2683.5	2608.6	2477.2	2197.0	1996.1	1871.2	1713.7	1540.0	1346.7	1095.8	775.4
17.5°	2805.2	2707.4	2542.4	2299.1	2084.1	1929.8	1784.3	1611.6	1392.3	1154.4	867.7
15°	2955.0	2806.3	2633.6	2419.6	2176.4	1993.9	1838.6	1661.6	1444.4	1208.7	950.3
12.5°	3063.6	2851.9	2690.1	2496.7	2276.3	2063.4	1874.5	1699.6	1493.3	1253.3	1012.2
10°	3100.6	2908.3	2717.2	2544.5	2327.3	2100.3	1901.6	1723.5	1535.6	1288.0	1057.8
7.5°	3120.1	2957.2	2735.7	2566.2	2357.7	2123.2	1923.3	1736.5	1569.3	1311.9	1087.1
5°	3117.9	2983.3	2749.8	2572.8	2374.0	2132.9	1938.5	1739.8	1593.2	1332.5	1104.5
2.5°	3108.2	3000.7	2772.6	2583.6	2406.6	2151.4	1967.9	1746.3	1601.9	1355.3	1116.4
0°	3144.0	3001.7	2796.5	2586.9	2428.3	2157.9	1980.9	1740.9	1589.9	1361.9	1115.3
-2.5°	3066.9	2937.7	2791.1	2558.6	2399.0	2142.7	1957.0	1723.5	1563.9	1354.3	1111.0
-5°	3053.9	2891.0	2745.4	2532.6	2350.1	2111.2	1912.5	1690.9	1522.6	1329.3	1093.6
-7.5°	3019.1	2846.4	2700.9	2511.9	2304.5	2078.6	1870.1	1657.3	1478.1	1290.2	1068.6
-10°	2943.1	2778.0	2653.1	2467.4	2249.1	2031.9	1819.1	1612.7	1425.9	1237.0	1029.5
-12.5°	2834.5	2669.4	2545.6	2372.9	2179.6	1968.9	1758.3	1555.2	1366.2	1180.5	982.8
-15°	2711.8	2544.5	2420.7	2263.2	2076.5	1871.2	1681.1	1482.4	1297.8	1120.8	927.5
-17.5°	2572.8	2414.2	2294.7	2141.6	1955.9	1760.4	1571.5	1391.2	1218.5	1058.9	863.4
-20°	2412.0	2257.8	2148.1	1995.0	1824.5	1634.4	1450.9	1280.4	1125.1	975.2	792.8

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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°	2213.3	2077.5	1952.7	1815.8	1667.0	1493.3	1322.8	1171.8	1023.0	876.4	720.0
-25°	2010.2	1878.8	1757.2	1632.3	1490.0	1340.1	1194.6	1057.8	912.3	779.8	649.4
-27.5°	1784.3	1667.0	1558.4	1443.3	1313.0	1183.8	1064.3	930.7	804.7	691.8	579.9
-30°	1543.2	1447.7	1353.2	1251.1	1145.7	1037.1	930.7	804.7	705.9	615.8	521.3
-32.5°	1311.9	1226.1	1150.1	1074.1	982.8	893.8	799.3	705.9	623.4	544.1	464.8
-35°	1108.8	1017.6	975.2	914.4	841.7	761.3	684.2	619.0	552.8	481.1	410.5
-37.5°	932.9	874.2	824.3	778.7	721.1	651.6	596.2	543.0	487.6	422.5	361.6
-40°	795.0	752.6	702.7	669.0	622.3	572.3	516.9	472.4	425.7	372.5	322.5
-42.5°	684.2	649.4	616.9	581.0	546.3	503.9	456.1	413.8	371.4	332.3	291.1
-45°	593.0	568.0	541.9	512.6	482.2	445.3	406.2	362.7	332.3	297.6	262.8
-47.5°	518.0	499.6	477.8	455.0	429.0	396.4	360.6	329.1	297.6	268.2	234.6
-50°	458.3	440.9	423.5	404.0	381.2	353.0	325.8	296.5	267.2	238.9	207.4
-52.5°	408.3	393.1	379.0	362.7	341.0	317.1	292.1	266.1	238.9	210.7	185.7
-55°	373.6	356.2	342.1	325.8	306.3	283.4	260.6	236.8	210.7	189.0	168.3
-57.5°	345.4	325.8	309.5	292.1	272.6	253.0	232.4	210.7	191.1	170.5	151.0
-60°	321.5	298.7	280.2	262.8	244.4	225.9	208.5	190.1	171.6	153.1	133.6
-62.5°	296.5	272.6	249.8	233.5	219.4	203.1	187.9	170.5	154.2	135.8	121.6
-65°	268.2	245.4	223.7	209.6	196.6	182.5	168.3	153.1	139.0	124.9	111.9
-67.5°	236.8	217.2	202.0	189.0	175.9	164.0	151.0	137.9	126.0	111.9	98.8
-70°	198.7	187.9	179.2	169.4	157.5	146.6	134.7	122.7	109.7	97.7	85.8
-72.5°	169.4	162.9	156.4	146.6	135.8	126.0	116.2	105.3	94.5	83.6	73.8
-75°	139.0	133.6	128.1	121.6	112.9	105.3	96.7	86.9	78.2	70.6	63.0
-77.5°	111.9	107.5	104.3	98.8	92.3	85.8	80.4	73.8	67.3	59.7	52.1
-80°	89.1	86.9	85.8	83.6	78.2	72.8	68.4	63.0	56.5	51.0	45.6
-82.5°	69.5	69.5	68.4	67.3	63.0	58.6	55.4	51.0	46.7	42.4	36.9
-85°	51.0	50.0	50.0	48.9	45.6	43.4	40.2	38.0	34.8	30.4	28.2
-87.5°	30.4	29.3	28.2	27.2	25.0	23.9	21.7	20.6	18.5	16.3	15.2
-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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CATALOG NUMBER: IFLD-S-SA2A-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	0.0
85°	3.3	2.2	2.2	2.2	2.2	2.2	1.1	1.1	1.1	1.1	1.1
82.5°	6.5	6.5	5.4	5.4	4.3	3.3	2.2	2.2	2.2	1.1	1.1
80°	9.8	9.8	9.8	8.7	7.6	5.4	4.3	3.3	2.2	1.1	1.1
77.5°	11.9	10.9	10.9	9.8	9.8	8.7	6.5	5.4	3.3	2.2	1.1
75°	11.9	11.9	11.9	10.9	10.9	9.8	8.7	6.5	5.4	3.3	2.2
72.5°	13.0	11.9	11.9	11.9	10.9	9.8	8.7	7.6	6.5	4.3	2.2
70°	11.9	11.9	11.9	11.9	10.9	10.9	8.7	7.6	7.6	4.3	3.3
67.5°	11.9	11.9	11.9	10.9	10.9	9.8	8.7	7.6	7.6	5.4	3.3
65°	13.0	11.9	11.9	11.9	10.9	9.8	8.7	7.6	7.6	6.5	4.3
62.5°	14.1	13.0	13.0	11.9	10.9	9.8	8.7	7.6	7.6	6.5	4.3
60°	15.2	14.1	13.0	13.0	11.9	10.9	8.7	8.7	7.6	6.5	4.3
57.5°	16.3	15.2	15.2	14.1	13.0	11.9	9.8	8.7	7.6	6.5	5.4
55°	19.5	17.4	16.3	16.3	15.2	13.0	10.9	8.7	7.6	6.5	5.4
52.5°	26.1	20.6	18.5	18.5	17.4	15.2	11.9	9.8	7.6	6.5	5.4
50°	41.3	26.1	21.7	19.5	19.5	17.4	14.1	10.9	7.6	6.5	5.4
47.5°	65.2	43.4	26.1	22.8	21.7	20.6	16.3	10.9	8.7	6.5	5.4
45°	107.5	64.1	42.4	27.2	22.8	21.7	18.5	11.9	8.7	7.6	5.4
42.5°	147.7	99.9	65.2	32.6	27.2	23.9	19.5	13.0	9.8	7.6	5.4
40°	232.4	136.8	91.2	53.2	31.5	25.0	21.7	15.2	9.8	7.6	5.4
37.5°	314.9	181.4	122.7	78.2	35.8	28.2	22.8	16.3	10.9	7.6	6.5
35°	397.5	254.1	152.0	104.3	47.8	33.7	23.9	17.4	10.9	7.6	6.5
32.5°	471.3	322.5	182.5	130.3	71.7	40.2	26.1	18.5	11.9	8.7	6.5
30°	532.1	385.5	236.8	153.1	93.4	48.9	28.2	18.5	13.0	8.7	6.5
27.5°	577.8	434.4	292.1	177.0	111.9	57.6	32.6	20.6	13.0	8.7	6.5
25°	614.7	472.4	341.0	202.0	128.1	71.7	39.1	21.7	14.1	9.8	6.5
22.5°	644.0	503.9	381.2	235.7	147.7	85.8	47.8	23.9	14.1	9.8	6.5
20°	684.2	535.4	408.3	271.5	168.3	98.8	55.4	26.1	14.1	9.8	7.6
17.5°	718.9	566.9	430.1	301.9	189.0	108.6	64.1	28.2	15.2	9.8	7.6
15°	759.1	597.3	449.6	325.8	208.5	117.3	71.7	30.4	15.2	10.9	7.6
12.5°	802.6	625.5	463.7	345.4	229.1	124.9	78.2	34.8	16.3	10.9	7.6
10°	847.1	649.4	475.7	359.5	244.4	132.5	82.5	39.1	17.4	10.9	7.6
7.5°	891.6	671.2	490.9	366.0	250.9	141.2	84.7	43.4	17.4	11.9	7.6
5°	922.0	685.3	512.6	370.3	254.1	151.0	88.0	48.9	18.5	11.9	7.6
2.5°	948.1	694.0	535.4	373.6	255.2	156.4	86.9	52.1	19.5	11.9	7.6
0°	960.0	694.0	550.6	371.4	252.0	161.8	86.9	55.4	19.5	11.9	7.6
-2.5°	941.6	713.5	546.3	372.5	253.0	161.8	91.2	56.5	21.7	13.0	7.6
-5°	912.3	721.1	533.2	367.1	250.9	161.8	96.7	57.6	22.8	13.0	8.7
-7.5°	884.0	724.4	518.0	361.6	247.6	157.5	97.7	56.5	25.0	14.1	8.7
-10°	847.1	688.5	498.5	351.9	241.1	154.2	99.9	56.5	26.1	14.1	8.7
-12.5°	804.7	645.1	474.6	337.7	233.5	151.0	101.0	56.5	27.2	15.2	8.7
-15°	755.9	600.6	447.4	322.5	222.6	146.6	98.8	55.4	28.2	15.2	9.8
-17.5°	700.5	557.1	419.2	304.1	210.7	141.2	94.5	54.3	28.2	15.2	9.8
-20°	637.5	513.7	387.7	285.6	196.6	134.7	90.1	52.1	28.2	15.2	9.8

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CATALOG NUMBER: IFLD-S-SA2A-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°	581.0	473.5	355.1	265.0	181.4	127.1	84.7	50.0	28.2	16.3	9.8
-25°	534.3	434.4	330.1	244.4	165.1	118.4	79.3	47.8	28.2	16.3	9.8
-27.5°	485.4	392.1	304.1	224.8	154.2	110.8	73.8	45.6	27.2	16.3	9.8
-30°	435.5	350.8	276.9	203.1	143.4	103.2	69.5	42.4	27.2	16.3	9.8
-32.5°	389.9	317.1	252.0	181.4	131.4	95.6	65.2	41.3	26.1	16.3	9.8
-35°	345.4	286.7	225.9	164.0	118.4	88.0	60.8	40.2	26.1	16.3	9.8
-37.5°	308.4	258.5	202.0	152.0	110.8	81.5	56.5	38.0	25.0	16.3	9.8
-40°	278.0	232.4	179.2	139.0	104.3	74.9	52.1	36.9	25.0	16.3	9.8
-42.5°	249.8	207.4	165.1	128.1	97.7	70.6	48.9	35.8	23.9	16.3	9.8
-45°	224.8	185.7	151.0	118.4	90.1	65.2	46.7	33.7	22.8	16.3	10.9
-47.5°	199.8	170.5	137.9	109.7	82.5	58.6	44.5	32.6	21.7	15.2	10.9
-50°	180.3	154.2	127.1	99.9	74.9	56.5	42.4	30.4	21.7	15.2	10.9
-52.5°	162.9	139.0	115.1	90.1	68.4	53.2	40.2	28.2	20.6	15.2	10.9
-55°	146.6	124.9	103.2	80.4	64.1	50.0	36.9	26.1	20.6	15.2	10.9
-57.5°	130.3	111.9	91.2	72.8	58.6	46.7	34.8	26.1	20.6	15.2	10.9
-60°	117.3	99.9	82.5	67.3	54.3	42.4	31.5	25.0	19.5	15.2	10.9
-62.5°	106.4	90.1	74.9	60.8	50.0	38.0	30.4	25.0	19.5	15.2	9.8
-65°	95.6	81.5	67.3	55.4	44.5	35.8	29.3	23.9	19.5	15.2	9.8
-67.5°	84.7	71.7	60.8	48.9	41.3	34.8	28.2	23.9	18.5	14.1	9.8
-70°	73.8	63.0	53.2	45.6	39.1	32.6	27.2	22.8	18.5	13.0	8.7
-72.5°	65.2	55.4	47.8	42.4	36.9	31.5	26.1	21.7	17.4	11.9	7.6
-75°	55.4	48.9	43.4	38.0	33.7	29.3	25.0	19.5	15.2	10.9	7.6
-77.5°	46.7	42.4	38.0	34.8	30.4	26.1	21.7	17.4	14.1	9.8	6.5
-80°	40.2	36.9	33.7	30.4	27.2	22.8	19.5	15.2	11.9	8.7	5.4
-82.5°	32.6	30.4	27.2	25.0	22.8	19.5	16.3	13.0	8.7	6.5	4.3
-85°	25.0	22.8	21.7	19.5	17.4	14.1	10.9	8.7	6.5	4.3	2.2
-87.5°	13.0	11.9	10.9	9.8	8.7	6.5	5.4	4.3	3.3	2.2	1.1
-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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CATALOG NUMBER: IFLD-S-SA2A-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°	1.1	0.0	0.0	0.0
77.5°	1.1	0.0	0.0	0.0
75°	1.1	1.1	0.0	0.0
72.5°	1.1	1.1	0.0	0.0
70°	1.1	1.1	0.0	0.0
67.5°	2.2	1.1	0.0	0.0
65°	2.2	1.1	0.0	0.0
62.5°	2.2	1.1	0.0	0.0
60°	2.2	1.1	0.0	0.0
57.5°	3.3	1.1	1.1	0.0
55°	3.3	1.1	1.1	0.0
52.5°	3.3	1.1	1.1	0.0
50°	3.3	2.2	1.1	0.0
47.5°	3.3	2.2	1.1	0.0
45°	3.3	2.2	1.1	0.0
42.5°	3.3	2.2	1.1	0.0
40°	4.3	2.2	1.1	0.0
37.5°	4.3	2.2	1.1	0.0
35°	4.3	2.2	1.1	0.0
32.5°	4.3	2.2	1.1	0.0
30°	4.3	2.2	1.1	0.0
27.5°	4.3	3.3	1.1	0.0
25°	4.3	3.3	1.1	0.0
22.5°	5.4	3.3	1.1	0.0
20°	5.4	3.3	1.1	0.0
17.5°	5.4	3.3	1.1	0.0
15°	5.4	3.3	1.1	0.0
12.5°	5.4	3.3	1.1	0.0
10°	5.4	3.3	1.1	0.0
7.5°	5.4	3.3	1.1	0.0
5°	5.4	3.3	1.1	0.0
2.5°	5.4	3.3	1.1	0.0
0°	5.4	3.3	1.1	0.0
-2.5°	5.4	3.3	1.1	0.0
-5°	5.4	3.3	1.1	0.0
-7.5°	5.4	3.3	1.1	0.0
-10°	5.4	3.3	1.1	0.0
-12.5°	6.5	3.3	1.1	0.0
-15°	6.5	3.3	1.1	0.0
-17.5°	6.5	3.3	1.1	0.0
-20°	6.5	3.3	1.1	0.0

REPORT NUMBER: P722742

CATALOG NUMBER: IFLD-S-SA2A-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	6.5	3.3	1.1	0.0
-25°	6.5	3.3	1.1	0.0
-27.5°	6.5	3.3	1.1	0.0
-30°	6.5	3.3	1.1	0.0
-32.5°	6.5	3.3	1.1	0.0
-35°	6.5	3.3	1.1	0.0
-37.5°	6.5	3.3	1.1	0.0
-40°	6.5	3.3	1.1	0.0
-42.5°	5.4	3.3	1.1	0.0
-45°	6.5	3.3	1.1	0.0
-47.5°	6.5	3.3	1.1	0.0
-50°	6.5	3.3	1.1	0.0
-52.5°	6.5	3.3	1.1	0.0
-55°	6.5	3.3	1.1	0.0
-57.5°	6.5	3.3	1.1	0.0
-60°	6.5	3.3	1.1	0.0
-62.5°	5.4	3.3	1.1	0.0
-65°	5.4	2.2	1.1	0.0
-67.5°	5.4	2.2	1.1	0.0
-70°	5.4	2.2	1.1	0.0
-72.5°	4.3	2.2	1.1	0.0
-75°	4.3	2.2	1.1	0.0
-77.5°	3.3	1.1	0.0	0.0
-80°	3.3	1.1	0.0	0.0
-82.5°	2.2	1.1	0.0	0.0
-85°	1.1	1.1	0.0	0.0
-87.5°	1.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)