

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: P722368

Luminaire Tested: **IFLD-S-SA2D-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722368
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-722-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

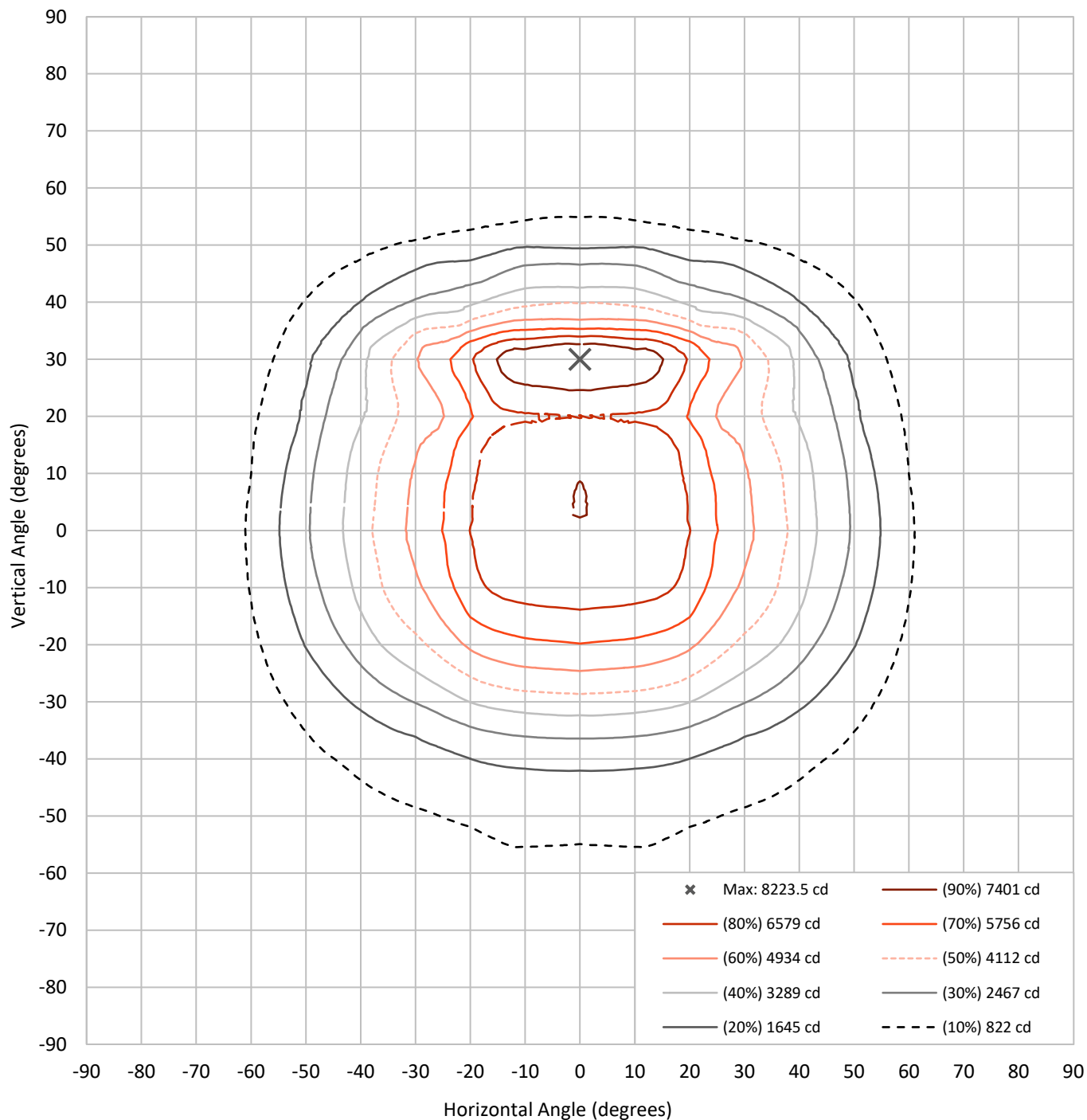
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11779.6 lumens	Max Intensity:	8223.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	95.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	7514.9 lumens	Field Lumens:	11105.5 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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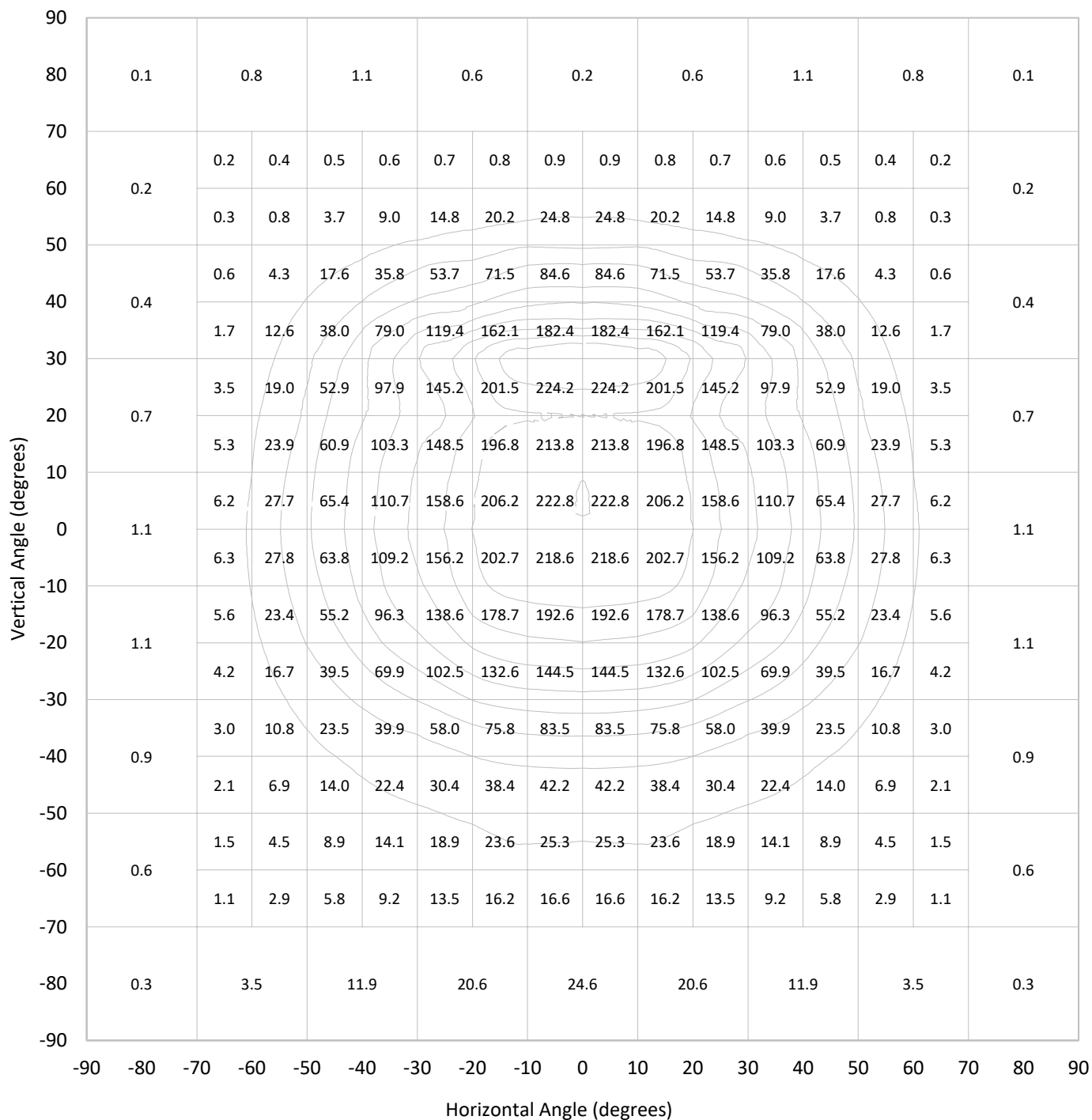
Iso-Candela Plot



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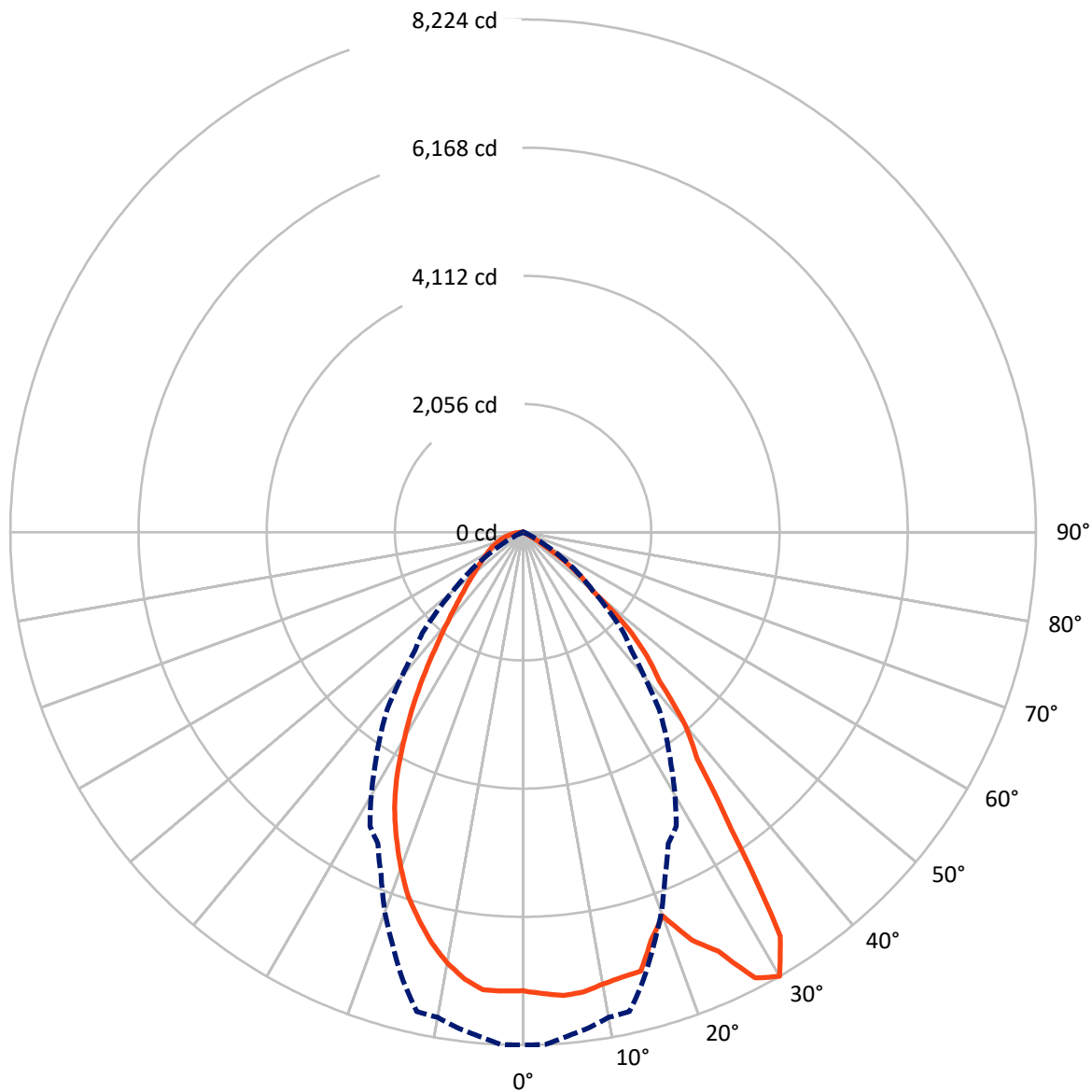
Lumen Table



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Luminous Intensity Polar Plot



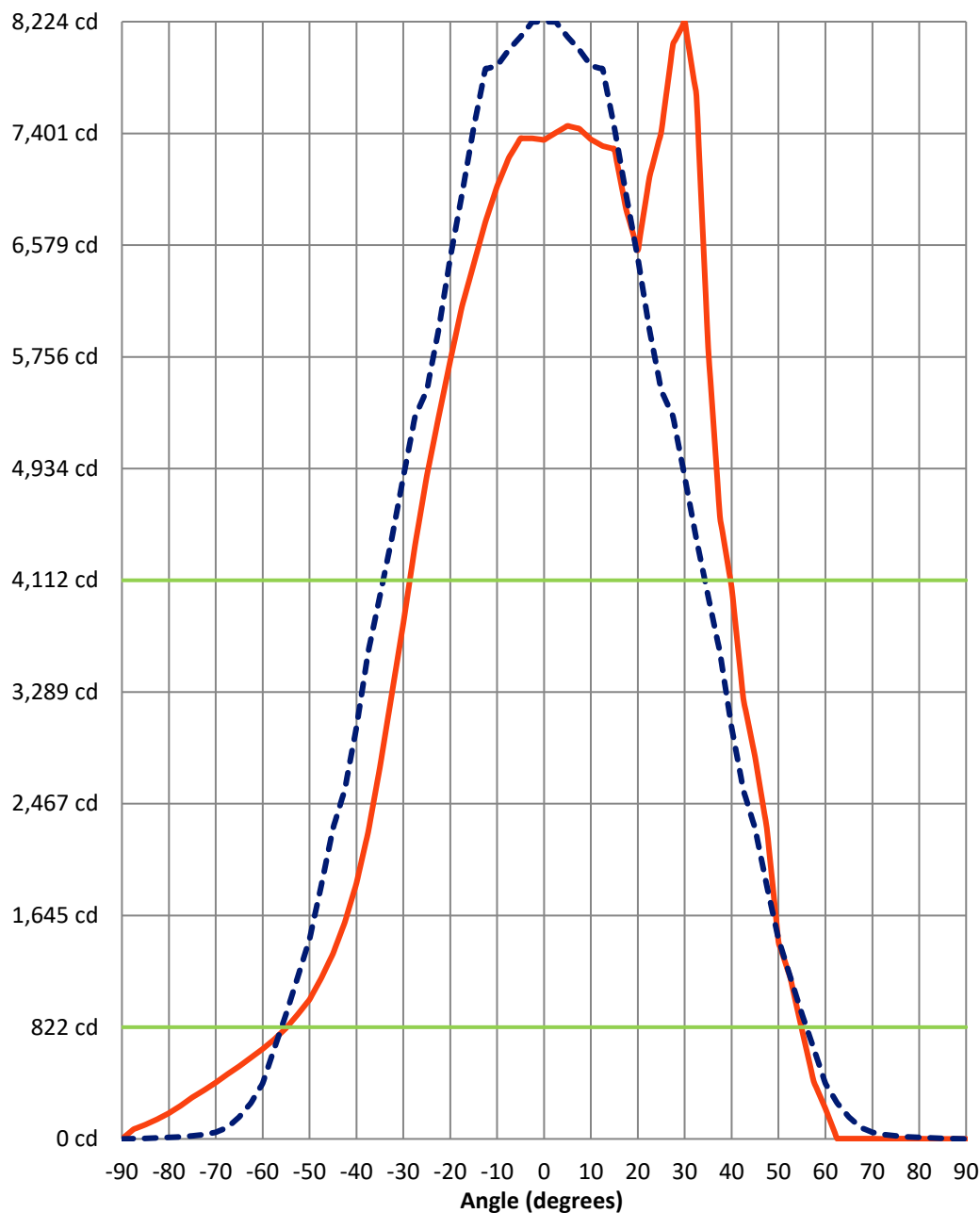
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 7514.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 11105.5

Efficiency: 94.3%

Spill:

Lumens: 674.1

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	5.6
82.5°	0.0	1.9	1.9	1.9	3.8	3.8	3.8	3.8	5.6	5.6	7.5
80°	1.9	1.9	1.9	1.9	3.8	3.8	3.8	5.6	5.6	7.5	7.5
77.5°	1.9	1.9	1.9	3.8	3.8	3.8	5.6	5.6	7.5	7.5	9.4
75°	1.9	1.9	1.9	3.8	3.8	5.6	5.6	5.6	7.5	7.5	9.4
72.5°	0.0	1.9	1.9	3.8	3.8	5.6	5.6	5.6	7.5	7.5	7.5
70°	1.9	1.9	1.9	3.8	3.8	5.6	5.6	5.6	7.5	7.5	7.5
67.5°	1.9	1.9	1.9	3.8	3.8	5.6	5.6	7.5	7.5	7.5	9.4
65°	1.9	1.9	1.9	3.8	5.6	5.6	7.5	9.4	9.4	11.3	13.1
62.5°	1.9	3.8	3.8	5.6	7.5	9.4	20.6	31.9	31.9	22.5	18.8
60°	223.2	241.9	240.0	217.5	189.4	159.4	153.8	148.2	136.9	120.0	125.6
57.5°	423.8	446.3	455.7	450.1	435.1	408.8	393.8	376.9	354.4	328.2	298.2
55°	802.7	812.0	791.4	752.0	708.9	665.8	650.8	628.2	594.5	560.7	515.7
52.5°	1187.1	1219.0	1209.6	1170.2	1112.1	1035.2	950.8	885.2	845.8	808.3	763.3
50°	1449.7	1462.8	1489.0	1535.9	1552.8	1500.3	1363.4	1187.1	1061.5	1125.2	1076.5
47.5°	2287.9	2353.6	2340.5	2306.7	2250.4	2107.9	1916.6	1759.1	1627.8	1584.7	1592.2
45°	2811.2	2837.4	2828.1	2813.0	2786.8	2653.6	2441.7	2199.8	2077.9	2029.1	1978.5
42.5°	3240.6	3268.8	3274.4	3276.3	3248.1	3126.2	2934.9	2693.0	2571.1	2430.5	2319.8
40°	4060.2	4101.4	4054.5	3992.7	3898.9	3760.1	3572.6	3349.4	3133.7	2961.2	2829.9
37.5°	4583.4	4634.0	4652.8	4649.0	4628.4	4568.4	4337.7	4125.8	3795.7	3409.4	3478.8
35°	5824.9	5877.4	5862.4	5806.1	5776.1	5712.4	5487.3	5236.0	4821.6	4401.5	4289.0
32.5°	7675.9	7790.3	7576.5	7342.1	7197.7	7248.3	7019.5	6404.4	6213.1	5455.4	5104.7
30°	8223.5	8221.6	8112.8	8017.2	7899.0	7874.7	7443.3	6952.0	6483.1	5952.4	5509.8
27.5°	8056.6	8022.8	7930.9	7861.5	7750.9	7692.7	7270.8	6880.7	6338.7	5864.3	5436.7
25°	7413.3	7439.6	7345.8	7332.7	7289.5	7177.0	6967.0	6528.1	6044.3	5519.2	5211.6
22.5°	7081.4	7072.0	6959.5	6893.8	6946.4	6826.3	6741.9	6299.4	5794.9	5352.3	4982.8
20°	6541.3	6543.2	6515.0	6509.4	6477.5	6423.1	6355.6	6042.4	5686.1	5307.3	4862.8
17.5°	6843.2	6920.1	6953.9	6674.4	6753.2	6691.3	6620.0	6183.1	5914.9	5579.2	4999.7
15°	7285.8	7257.7	7223.9	7208.9	7165.8	7107.6	6978.2	6629.4	6168.1	5821.1	5369.2
12.5°	7308.3	7253.9	7240.8	7238.9	7193.9	7113.3	6987.6	6698.8	6290.0	5868.0	5500.4
10°	7357.1	7300.8	7293.3	7302.7	7233.3	7182.7	7057.0	6788.8	6327.5	5948.7	5601.7
7.5°	7435.8	7342.1	7385.2	7357.1	7325.2	7244.5	7109.5	6847.0	6464.4	6055.6	5691.7
5°	7456.5	7353.3	7400.2	7373.9	7327.1	7248.3	7102.0	6884.5	6548.8	6098.7	5727.4
2.5°	7405.8	7375.8	7355.2	7306.4	7285.8	7199.5	7060.8	6828.2	6509.4	6079.9	5719.9
0°	7353.3	7379.6	7332.7	7283.9	7274.5	7205.2	7087.0	6877.0	6601.3	6132.4	5783.6
-2.5°	7364.6	7343.9	7312.1	7261.4	7212.7	7113.3	7006.4	6809.5	6513.1	6018.0	5693.6
-5°	7364.6	7268.9	7272.7	7274.5	7225.8	7122.6	6993.2	6826.3	6460.6	6016.2	5667.4
-7.5°	7222.0	7139.5	7126.4	7115.1	7102.0	7006.4	6905.1	6696.9	6372.5	5967.4	5594.2
-10°	7012.0	6931.4	6938.9	6922.0	6880.7	6817.0	6740.1	6552.5	6286.2	5813.6	5446.1
-12.5°	6749.4	6713.8	6693.2	6665.0	6623.8	6567.5	6488.8	6312.5	6027.4	5624.2	5275.4
-15°	6438.1	6411.9	6393.1	6376.2	6316.2	6258.1	6155.0	5991.8	5813.6	5380.4	5024.1
-17.5°	6126.8	6061.2	6034.9	6012.4	5973.0	5879.3	5785.5	5663.6	5414.2	5071.0	4765.3
-20°	5727.4	5688.0	5656.1	5626.1	5569.8	5496.7	5419.8	5279.2	5063.5	4785.9	4469.0

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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°	5309.2	5286.7	5260.4	5222.9	5185.4	5116.0	5009.1	4874.1	4705.3	4405.2	4108.9
-25°	4877.8	4834.7	4802.8	4767.2	4737.2	4673.4	4570.3	4440.9	4228.9	3970.1	3722.6
-27.5°	4369.6	4328.3	4311.5	4270.2	4244.0	4185.8	4082.7	3962.6	3771.4	3553.8	3302.5
-30°	3795.7	3803.2	3784.5	3745.1	3713.2	3638.2	3559.4	3458.2	3308.1	3100.0	2874.9
-32.5°	3265.0	3274.4	3251.9	3210.6	3169.4	3115.0	3041.8	2950.0	2837.4	2638.6	2443.6
-35°	2734.3	2730.5	2711.8	2687.4	2659.3	2614.3	2531.7	2462.4	2333.0	2194.2	2059.2
-37.5°	2257.9	2267.3	2261.7	2248.6	2216.7	2179.2	2111.7	2047.9	1952.3	1830.4	1725.3
-40°	1881.0	1892.2	1884.7	1871.6	1843.5	1821.0	1776.0	1719.7	1642.8	1537.8	1449.7
-42.5°	1592.2	1599.7	1590.3	1579.1	1554.7	1537.8	1502.2	1455.3	1391.5	1310.9	1232.1
-45°	1363.4	1365.3	1355.9	1348.4	1329.6	1309.0	1279.0	1241.5	1190.9	1134.6	1070.8
-47.5°	1183.4	1181.5	1172.1	1164.6	1149.6	1130.8	1106.5	1072.7	1033.3	990.2	939.6
-50°	1025.8	1035.2	1031.5	1023.9	1012.7	999.6	975.2	939.6	900.2	868.3	832.7
-52.5°	917.1	918.9	917.1	917.1	915.2	905.8	877.7	842.0	798.9	770.8	740.8
-55°	815.8	825.2	828.9	832.7	834.5	834.5	800.8	763.3	722.0	693.9	671.4
-57.5°	733.3	738.9	742.6	752.0	759.5	765.1	735.1	701.4	669.5	643.3	622.6
-60°	662.0	669.5	675.1	684.5	690.1	693.9	675.1	652.6	633.9	617.0	587.0
-62.5°	598.2	603.9	609.5	615.1	620.7	624.5	617.0	605.7	596.4	588.9	551.4
-65°	534.5	540.1	545.7	553.2	558.9	562.6	560.7	553.2	545.7	538.2	504.5
-67.5°	476.3	482.0	489.5	491.3	495.1	497.0	493.2	487.6	478.2	468.8	442.6
-70°	414.5	418.2	422.0	422.0	422.0	420.1	416.3	408.8	399.5	386.3	365.7
-72.5°	358.2	361.9	365.7	360.1	356.3	350.7	345.1	335.7	326.3	316.9	305.7
-75°	305.7	307.6	307.6	300.1	294.4	288.8	281.3	275.7	266.3	258.8	249.4
-77.5°	243.8	243.8	243.8	238.2	234.4	230.7	225.0	219.4	211.9	206.3	198.8
-80°	189.4	189.4	189.4	187.5	181.9	178.2	174.4	170.7	165.0	161.3	157.5
-82.5°	144.4	144.4	144.4	142.5	138.8	136.9	133.2	129.4	127.5	123.8	121.9
-85°	105.0	106.9	106.9	105.0	103.1	99.4	97.5	95.6	93.8	91.9	88.1
-87.5°	71.3	71.3	71.3	69.4	67.5	67.5	65.6	61.9	58.1	56.3	54.4
-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	5.6	5.6	5.6	7.5	7.5	7.5	7.5	7.5	7.5	7.5	5.6
82.5°	9.4	9.4	11.3	11.3	13.1	13.1	13.1	13.1	13.1	13.1	13.1
80°	9.4	11.3	13.1	15.0	16.9	18.8	18.8	18.8	18.8	16.9	16.9
77.5°	11.3	11.3	13.1	15.0	16.9	18.8	20.6	22.5	20.6	20.6	20.6
75°	11.3	13.1	13.1	15.0	16.9	18.8	20.6	22.5	22.5	22.5	22.5
72.5°	9.4	11.3	13.1	15.0	15.0	16.9	18.8	18.8	20.6	20.6	22.5
70°	9.4	11.3	13.1	13.1	15.0	15.0	16.9	18.8	18.8	20.6	20.6
67.5°	11.3	13.1	13.1	15.0	16.9	16.9	16.9	18.8	18.8	20.6	20.6
65°	13.1	15.0	15.0	16.9	18.8	18.8	20.6	20.6	20.6	22.5	22.5
62.5°	22.5	22.5	22.5	20.6	22.5	22.5	22.5	24.4	24.4	22.5	24.4
60°	116.3	84.4	58.1	73.1	65.6	30.0	30.0	30.0	28.1	28.1	26.3
57.5°	273.8	255.0	219.4	185.7	166.9	148.2	91.9	37.5	37.5	33.8	30.0
55°	457.6	395.7	369.4	324.4	275.7	253.2	210.0	142.5	67.5	45.0	39.4
52.5°	708.9	650.8	583.2	491.3	425.7	373.2	337.6	268.2	180.0	95.6	60.0
50°	948.9	922.7	881.4	791.4	654.5	566.4	508.2	429.5	322.6	196.9	112.5
47.5°	1528.4	1309.0	1175.9	1106.5	992.1	825.2	712.6	624.5	495.1	331.9	198.8
45°	1924.1	1785.3	1573.4	1427.2	1258.4	1082.1	935.8	834.5	680.8	497.0	311.3
42.5°	2263.6	2143.5	1952.3	1738.5	1560.3	1329.6	1142.1	1008.9	879.5	678.9	465.1
40°	2700.5	2558.0	2374.2	2166.0	1957.9	1663.4	1359.6	1198.4	1055.8	877.7	628.2
37.5°	3420.7	3169.4	2869.3	2638.6	2366.7	2117.3	1701.0	1415.9	1247.1	1061.5	819.5
35°	4287.1	4011.4	3510.7	3205.0	2841.2	2469.9	2094.8	1672.8	1432.8	1235.9	995.8
32.5°	5093.5	4690.3	4048.9	3690.7	3448.8	2764.3	2376.1	2010.4	1624.1	1382.1	1097.1
30°	5316.7	4872.2	4412.7	3994.5	3581.9	3028.7	2569.3	2284.2	1864.1	1470.3	1192.7
27.5°	5091.6	4785.9	4429.6	4041.4	3595.1	3120.6	2687.4	2415.5	2040.4	1530.3	1267.7
25°	4862.8	4544.0	4294.6	3970.1	3557.6	3115.0	2691.1	2498.0	2177.3	1646.6	1309.0
22.5°	4620.9	4422.1	4215.8	3853.9	3463.8	3131.9	2813.0	2569.3	2248.6	1777.8	1325.9
20°	4634.0	4504.6	4277.7	3793.9	3446.9	3231.3	2959.3	2659.3	2325.5	1892.2	1339.0
17.5°	4844.1	4675.3	4390.2	3970.1	3598.8	3332.5	3081.2	2783.0	2404.2	1993.5	1498.4
15°	5102.9	4845.9	4547.8	4178.3	3758.2	3443.2	3175.0	2869.3	2494.2	2087.3	1640.9
12.5°	5290.4	4924.7	4645.3	4311.5	3930.8	3563.2	3236.9	2934.9	2578.6	2164.2	1747.8
10°	5354.2	5022.2	4692.2	4394.0	4018.9	3627.0	3283.8	2976.2	2651.8	2224.2	1826.6
7.5°	5387.9	5106.6	4724.0	4431.5	4071.4	3666.3	3321.3	2998.7	2709.9	2265.4	1877.2
5°	5384.2	5151.6	4748.4	4442.7	4099.5	3683.2	3347.5	3004.3	2751.2	2301.1	1907.2
2.5°	5367.3	5181.6	4787.8	4461.5	4155.8	3715.1	3398.2	3015.6	2766.2	2340.5	1927.9
0°	5429.2	5183.5	4829.1	4467.1	4193.3	3726.4	3420.7	3006.2	2745.5	2351.7	1926.0
-2.5°	5296.0	5072.9	4819.7	4418.4	4142.7	3700.1	3379.4	2976.2	2700.5	2338.6	1918.5
-5°	5273.5	4992.2	4740.9	4373.4	4058.3	3645.7	3302.5	2919.9	2629.3	2295.4	1888.5
-7.5°	5213.5	4915.3	4664.0	4337.7	3979.5	3589.4	3229.4	2861.8	2552.4	2227.9	1845.4
-10°	5082.2	4797.2	4581.5	4260.8	3883.9	3508.8	3141.2	2784.9	2462.4	2136.0	1777.8
-12.5°	4894.7	4609.6	4395.9	4097.7	3763.9	3400.0	3036.2	2685.5	2359.2	2038.5	1697.2
-15°	4682.8	4394.0	4180.2	3908.3	3585.7	3231.3	2903.1	2559.9	2241.1	1935.4	1601.6
-17.5°	4442.7	4168.9	3962.6	3698.2	3377.5	3040.0	2713.7	2402.3	2104.2	1828.5	1490.9
-20°	4165.2	3898.9	3709.5	3445.0	3150.6	2822.4	2505.5	2211.1	1942.9	1684.1	1369.0

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CATALOG NUMBER: IFLD-S-SA2D-722-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°	3822.0	3587.6	3371.9	3135.6	2878.7	2578.6	2284.2	2023.5	1766.6	1513.4	1243.4
-25°	3471.3	3244.4	3034.3	2818.7	2573.0	2314.2	2062.9	1826.6	1575.3	1346.5	1121.5
-27.5°	3081.2	2878.7	2691.1	2492.4	2267.3	2044.1	1837.9	1607.2	1389.6	1194.6	1001.4
-30°	2664.9	2499.9	2336.7	2160.4	1978.5	1791.0	1607.2	1389.6	1219.0	1063.3	900.2
-32.5°	2265.4	2117.3	1986.0	1854.7	1697.2	1543.4	1380.3	1219.0	1076.5	939.6	802.7
-35°	1914.7	1757.2	1684.1	1579.1	1453.4	1314.6	1181.5	1069.0	954.6	830.8	708.9
-37.5°	1610.9	1509.7	1423.4	1344.6	1245.2	1125.2	1029.6	937.7	842.0	729.5	624.5
-40°	1372.8	1299.6	1213.4	1155.2	1074.6	988.3	892.7	815.8	735.1	643.3	557.0
-42.5°	1181.5	1121.5	1065.2	1003.3	943.3	870.2	787.7	714.5	641.4	573.9	502.6
-45°	1023.9	980.8	935.8	885.2	832.7	768.9	701.4	626.4	573.9	513.9	453.8
-47.5°	894.5	862.7	825.2	785.8	740.8	684.5	622.6	568.2	513.9	463.2	405.1
-50°	791.4	761.4	731.4	697.6	658.3	609.5	562.6	512.0	461.3	412.6	358.2
-52.5°	705.1	678.9	654.5	626.4	588.9	547.6	504.5	459.5	412.6	363.8	320.7
-55°	645.1	615.1	590.7	562.6	528.9	489.5	450.1	408.8	363.8	326.3	290.7
-57.5°	596.4	562.6	534.5	504.5	470.7	437.0	401.3	363.8	330.1	294.4	260.7
-60°	555.1	515.7	483.8	453.8	422.0	390.1	360.1	328.2	296.3	264.4	230.7
-62.5°	512.0	470.7	431.3	403.2	378.8	350.7	324.4	294.4	266.3	234.4	210.0
-65°	463.2	423.8	386.3	361.9	339.4	315.1	290.7	264.4	240.0	215.7	193.2
-67.5°	408.8	375.1	348.8	326.3	303.8	283.2	260.7	238.2	217.5	193.2	170.7
-70°	343.2	324.4	309.4	292.6	271.9	253.2	232.5	211.9	189.4	168.8	148.2
-72.5°	292.6	281.3	270.1	253.2	234.4	217.5	200.7	181.9	163.2	144.4	127.5
-75°	240.0	230.7	221.3	210.0	195.0	181.9	166.9	150.0	135.0	121.9	108.8
-77.5°	193.2	185.7	180.0	170.7	159.4	148.2	138.8	127.5	116.3	103.1	90.0
-80°	153.8	150.0	148.2	144.4	135.0	125.6	118.1	108.8	97.5	88.1	78.8
-82.5°	120.0	120.0	118.1	116.3	108.8	101.3	95.6	88.1	80.6	73.1	63.8
-85°	88.1	86.3	86.3	84.4	78.8	75.0	69.4	65.6	60.0	52.5	48.8
-87.5°	52.5	50.6	48.8	46.9	43.1	41.3	37.5	35.6	31.9	28.1	26.3
-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: P722368

CATALOG NUMBER: IFLD-S-SA2D-722-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°	5.6	3.8	3.8	3.8	3.8	3.8	1.9	1.9	1.9	1.9	1.9
82.5°	11.3	11.3	9.4	9.4	7.5	5.6	3.8	3.8	3.8	1.9	1.9
80°	16.9	16.9	16.9	15.0	13.1	9.4	7.5	5.6	3.8	1.9	1.9
77.5°	20.6	18.8	18.8	16.9	16.9	15.0	11.3	9.4	5.6	3.8	1.9
75°	20.6	20.6	20.6	18.8	18.8	16.9	15.0	11.3	9.4	5.6	3.8
72.5°	22.5	20.6	20.6	20.6	18.8	16.9	15.0	13.1	11.3	7.5	3.8
70°	20.6	20.6	20.6	20.6	18.8	18.8	15.0	13.1	13.1	7.5	5.6
67.5°	20.6	20.6	20.6	18.8	18.8	16.9	15.0	13.1	13.1	9.4	5.6
65°	22.5	20.6	20.6	20.6	18.8	16.9	15.0	13.1	13.1	11.3	7.5
62.5°	24.4	22.5	22.5	20.6	18.8	16.9	15.0	13.1	13.1	11.3	7.5
60°	26.3	24.4	22.5	22.5	20.6	18.8	15.0	15.0	13.1	11.3	7.5
57.5°	28.1	26.3	26.3	24.4	22.5	20.6	16.9	15.0	13.1	11.3	9.4
55°	33.8	30.0	28.1	28.1	26.3	22.5	18.8	15.0	13.1	11.3	9.4
52.5°	45.0	35.6	31.9	31.9	30.0	26.3	20.6	16.9	13.1	11.3	9.4
50°	71.3	45.0	37.5	33.8	33.8	30.0	24.4	18.8	13.1	11.3	9.4
47.5°	112.5	75.0	45.0	39.4	37.5	35.6	28.1	18.8	15.0	11.3	9.4
45°	185.7	110.6	73.1	46.9	39.4	37.5	31.9	20.6	15.0	13.1	9.4
42.5°	255.0	172.5	112.5	56.3	46.9	41.3	33.8	22.5	16.9	13.1	9.4
40°	401.3	236.3	157.5	91.9	54.4	43.1	37.5	26.3	16.9	13.1	9.4
37.5°	543.9	313.2	211.9	135.0	61.9	48.8	39.4	28.1	18.8	13.1	11.3
35°	686.4	438.8	262.6	180.0	82.5	58.1	41.3	30.0	18.8	13.1	11.3
32.5°	813.9	557.0	315.1	225.0	123.8	69.4	45.0	31.9	20.6	15.0	11.3
30°	918.9	665.8	408.8	264.4	161.3	84.4	48.8	31.9	22.5	15.0	11.3
27.5°	997.7	750.1	504.5	305.7	193.2	99.4	56.3	35.6	22.5	15.0	11.3
25°	1061.5	815.8	588.9	348.8	221.3	123.8	67.5	37.5	24.4	16.9	11.3
22.5°	1112.1	870.2	658.3	407.0	255.0	148.2	82.5	41.3	24.4	16.9	11.3
20°	1181.5	924.6	705.1	468.8	290.7	170.7	95.6	45.0	24.4	16.9	13.1
17.5°	1241.5	978.9	742.6	521.4	326.3	187.5	110.6	48.8	26.3	16.9	13.1
15°	1310.9	1031.5	776.4	562.6	360.1	202.5	123.8	52.5	26.3	18.8	13.1
12.5°	1385.9	1080.2	800.8	596.4	395.7	215.7	135.0	60.0	28.1	18.8	13.1
10°	1462.8	1121.5	821.4	620.7	422.0	228.8	142.5	67.5	30.0	18.8	13.1
7.5°	1539.7	1159.0	847.7	632.0	433.2	243.8	146.3	75.0	30.0	20.6	13.1
5°	1592.2	1183.4	885.2	639.5	438.8	260.7	151.9	84.4	31.9	20.6	13.1
2.5°	1637.2	1198.4	924.6	645.1	440.7	270.1	150.0	90.0	33.8	20.6	13.1
0°	1657.8	1198.4	950.8	641.4	435.1	279.4	150.0	95.6	33.8	20.6	13.1
-2.5°	1625.9	1232.1	943.3	643.3	437.0	279.4	157.5	97.5	37.5	22.5	13.1
-5°	1575.3	1245.2	920.8	633.9	433.2	279.4	166.9	99.4	39.4	22.5	15.0
-7.5°	1526.5	1250.9	894.5	624.5	427.6	271.9	168.8	97.5	43.1	24.4	15.0
-10°	1462.8	1189.0	860.8	607.6	416.3	266.3	172.5	97.5	45.0	24.4	15.0
-12.5°	1389.6	1114.0	819.5	583.2	403.2	260.7	174.4	97.5	46.9	26.3	15.0
-15°	1305.3	1037.1	772.7	557.0	384.4	253.2	170.7	95.6	48.8	26.3	16.9
-17.5°	1209.6	962.1	723.9	525.1	363.8	243.8	163.2	93.8	48.8	26.3	16.9
-20°	1100.8	887.0	669.5	493.2	339.4	232.5	155.7	90.0	48.8	26.3	16.9

REPORT NUMBER: P722368

CATALOG NUMBER: IFLD-S-SA2D-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1003.3	817.7	613.2	457.6	313.2	219.4	146.3	86.3	48.8	28.1	16.9
-25°	922.7	750.1	570.1	422.0	285.1	204.4	136.9	82.5	48.8	28.1	16.9
-27.5°	838.3	677.0	525.1	388.2	266.3	191.3	127.5	78.8	46.9	28.1	16.9
-30°	752.0	605.7	478.2	350.7	247.5	178.2	120.0	73.1	46.9	28.1	16.9
-32.5°	673.3	547.6	435.1	313.2	226.9	165.0	112.5	71.3	45.0	28.1	16.9
-35°	596.4	495.1	390.1	283.2	204.4	151.9	105.0	69.4	45.0	28.1	16.9
-37.5°	532.6	446.3	348.8	262.6	191.3	140.7	97.5	65.6	43.1	28.1	16.9
-40°	480.1	401.3	309.4	240.0	180.0	129.4	90.0	63.8	43.1	28.1	16.9
-42.5°	431.3	358.2	285.1	221.3	168.8	121.9	84.4	61.9	41.3	28.1	16.9
-45°	388.2	320.7	260.7	204.4	155.7	112.5	80.6	58.1	39.4	28.1	18.8
-47.5°	345.1	294.4	238.2	189.4	142.5	101.3	76.9	56.3	37.5	26.3	18.8
-50°	311.3	266.3	219.4	172.5	129.4	97.5	73.1	52.5	37.5	26.3	18.8
-52.5°	281.3	240.0	198.8	155.7	118.1	91.9	69.4	48.8	35.6	26.3	18.8
-55°	253.2	215.7	178.2	138.8	110.6	86.3	63.8	45.0	35.6	26.3	18.8
-57.5°	225.0	193.2	157.5	125.6	101.3	80.6	60.0	45.0	35.6	26.3	18.8
-60°	202.5	172.5	142.5	116.3	93.8	73.1	54.4	43.1	33.8	26.3	18.8
-62.5°	183.8	155.7	129.4	105.0	86.3	65.6	52.5	43.1	33.8	26.3	16.9
-65°	165.0	140.7	116.3	95.6	76.9	61.9	50.6	41.3	33.8	26.3	16.9
-67.5°	146.3	123.8	105.0	84.4	71.3	60.0	48.8	41.3	31.9	24.4	16.9
-70°	127.5	108.8	91.9	78.8	67.5	56.3	46.9	39.4	31.9	22.5	15.0
-72.5°	112.5	95.6	82.5	73.1	63.8	54.4	45.0	37.5	30.0	20.6	13.1
-75°	95.6	84.4	75.0	65.6	58.1	50.6	43.1	33.8	26.3	18.8	13.1
-77.5°	80.6	73.1	65.6	60.0	52.5	45.0	37.5	30.0	24.4	16.9	11.3
-80°	69.4	63.8	58.1	52.5	46.9	39.4	33.8	26.3	20.6	15.0	9.4
-82.5°	56.3	52.5	46.9	43.1	39.4	33.8	28.1	22.5	15.0	11.3	7.5
-85°	43.1	39.4	37.5	33.8	30.0	24.4	18.8	15.0	11.3	7.5	3.8
-87.5°	22.5	20.6	18.8	16.9	15.0	11.3	9.4	7.5	5.6	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: P722368

CATALOG NUMBER: IFLD-S-SA2D-722-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°	5.6	1.9	1.9	0.0
55°	5.6	1.9	1.9	0.0
52.5°	5.6	1.9	1.9	0.0
50°	5.6	3.8	1.9	0.0
47.5°	5.6	3.8	1.9	0.0
45°	5.6	3.8	1.9	0.0
42.5°	5.6	3.8	1.9	0.0
40°	7.5	3.8	1.9	0.0
37.5°	7.5	3.8	1.9	0.0
35°	7.5	3.8	1.9	0.0
32.5°	7.5	3.8	1.9	0.0
30°	7.5	3.8	1.9	0.0
27.5°	7.5	5.6	1.9	0.0
25°	7.5	5.6	1.9	0.0
22.5°	9.4	5.6	1.9	0.0
20°	9.4	5.6	1.9	0.0
17.5°	9.4	5.6	1.9	0.0
15°	9.4	5.6	1.9	0.0
12.5°	9.4	5.6	1.9	0.0
10°	9.4	5.6	1.9	0.0
7.5°	9.4	5.6	1.9	0.0
5°	9.4	5.6	1.9	0.0
2.5°	9.4	5.6	1.9	0.0
0°	9.4	5.6	1.9	0.0
-2.5°	9.4	5.6	1.9	0.0
-5°	9.4	5.6	1.9	0.0
-7.5°	9.4	5.6	1.9	0.0
-10°	9.4	5.6	1.9	0.0
-12.5°	11.3	5.6	1.9	0.0
-15°	11.3	5.6	1.9	0.0
-17.5°	11.3	5.6	1.9	0.0
-20°	11.3	5.6	1.9	0.0

REPORT NUMBER: P722368

CATALOG NUMBER: IFLD-S-SA2D-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	11.3	5.6	1.9	0.0
-25°	11.3	5.6	1.9	0.0
-27.5°	11.3	5.6	1.9	0.0
-30°	11.3	5.6	1.9	0.0
-32.5°	11.3	5.6	1.9	0.0
-35°	11.3	5.6	1.9	0.0
-37.5°	11.3	5.6	1.9	0.0
-40°	11.3	5.6	1.9	0.0
-42.5°	9.4	5.6	1.9	0.0
-45°	11.3	5.6	1.9	0.0
-47.5°	11.3	5.6	1.9	0.0
-50°	11.3	5.6	1.9	0.0
-52.5°	11.3	5.6	1.9	0.0
-55°	11.3	5.6	1.9	0.0
-57.5°	11.3	5.6	1.9	0.0
-60°	11.3	5.6	1.9	0.0
-62.5°	9.4	5.6	1.9	0.0
-65°	9.4	3.8	1.9	0.0
-67.5°	9.4	3.8	1.9	0.0
-70°	9.4	3.8	1.9	0.0
-72.5°	7.5	3.8	1.9	0.0
-75°	7.5	3.8	1.9	0.0
-77.5°	5.6	1.9	0.0	0.0
-80°	5.6	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)