

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: P722586

Luminaire Tested: **IFLD-M-SA4D-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722586
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

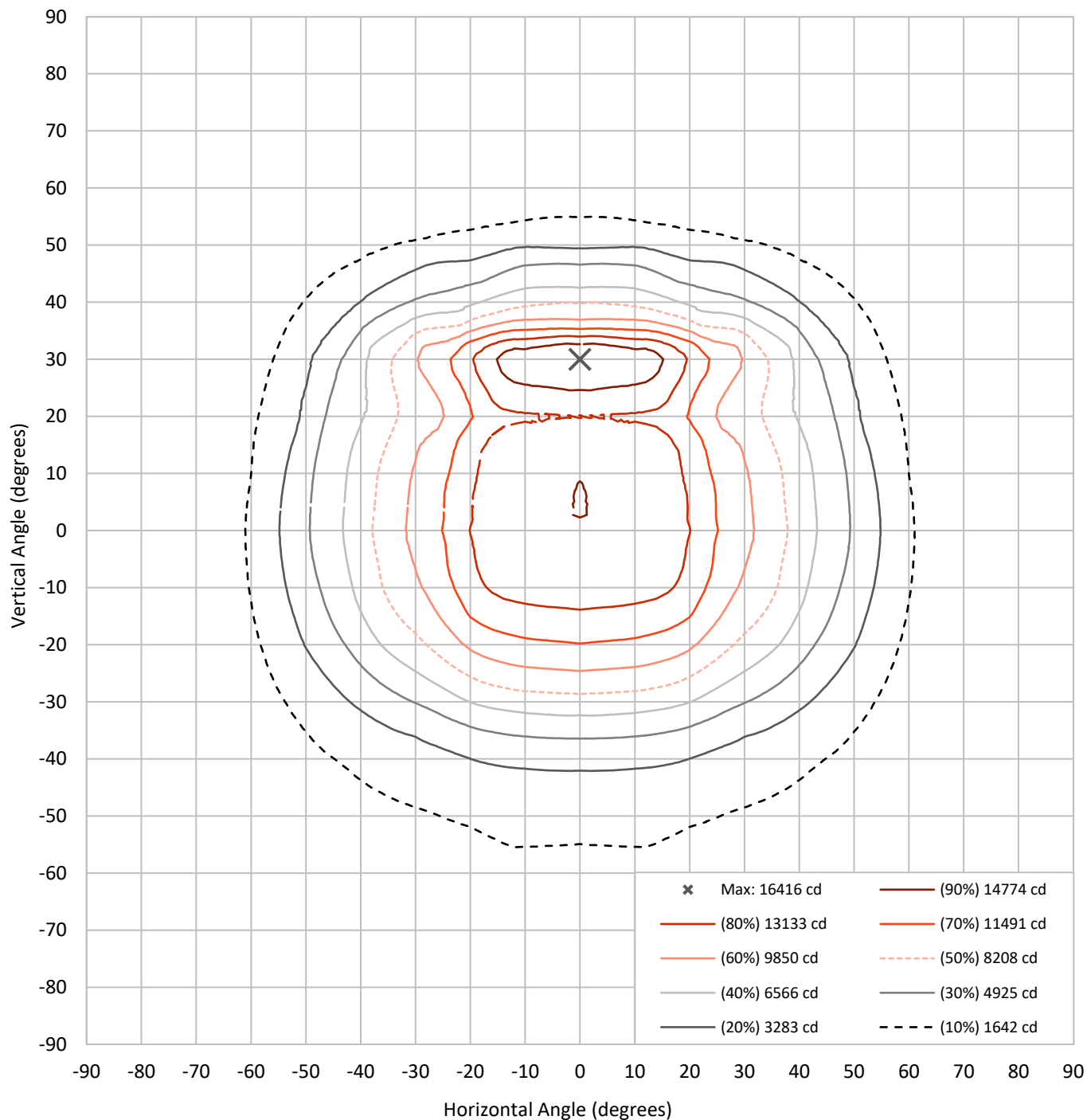
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23514.9 lumens	Max Intensity:	16416 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	94.2 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	15001.5 lumens	Field Lumens:	22169.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	249.7		
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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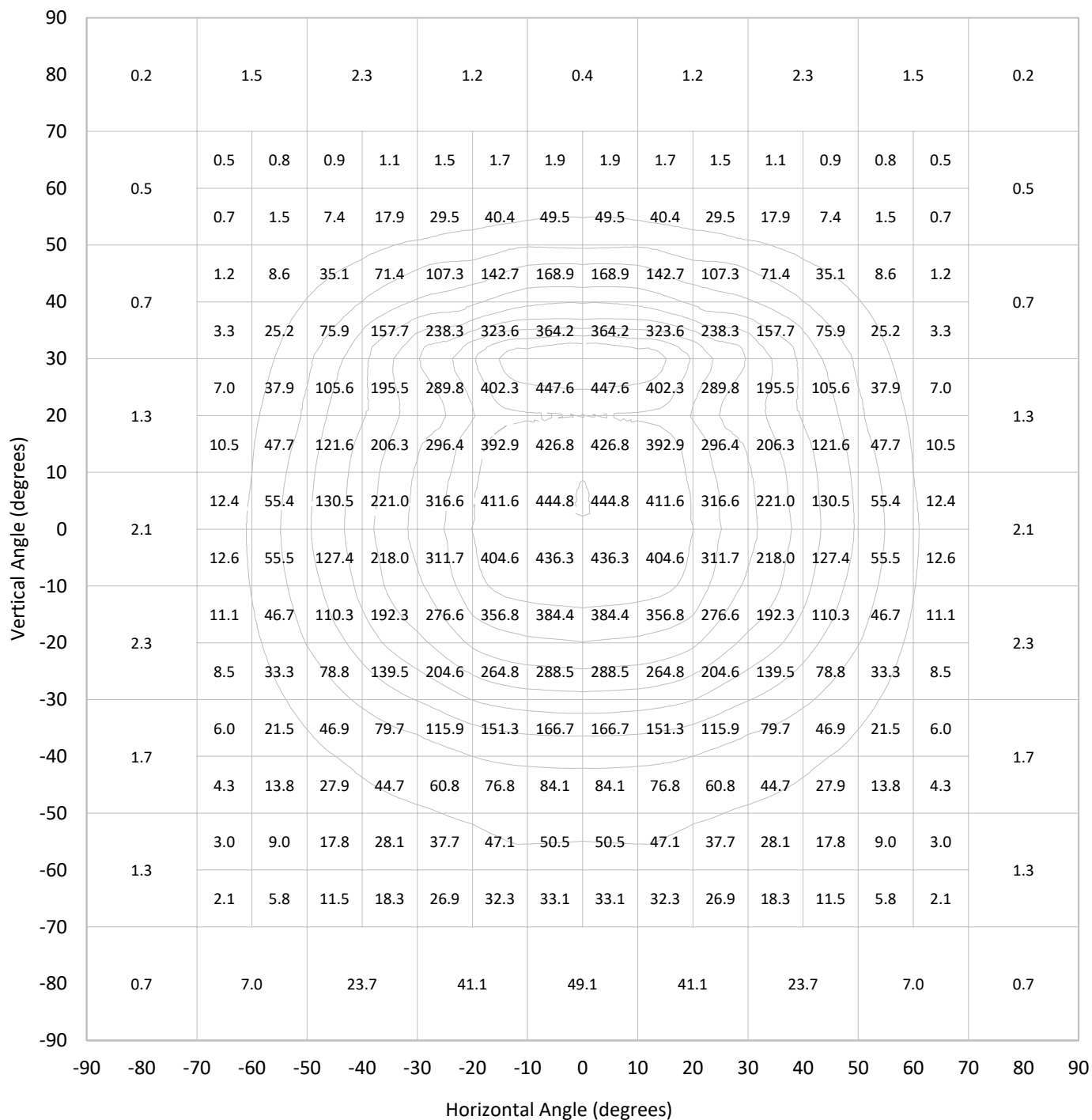
Iso-Candela Plot



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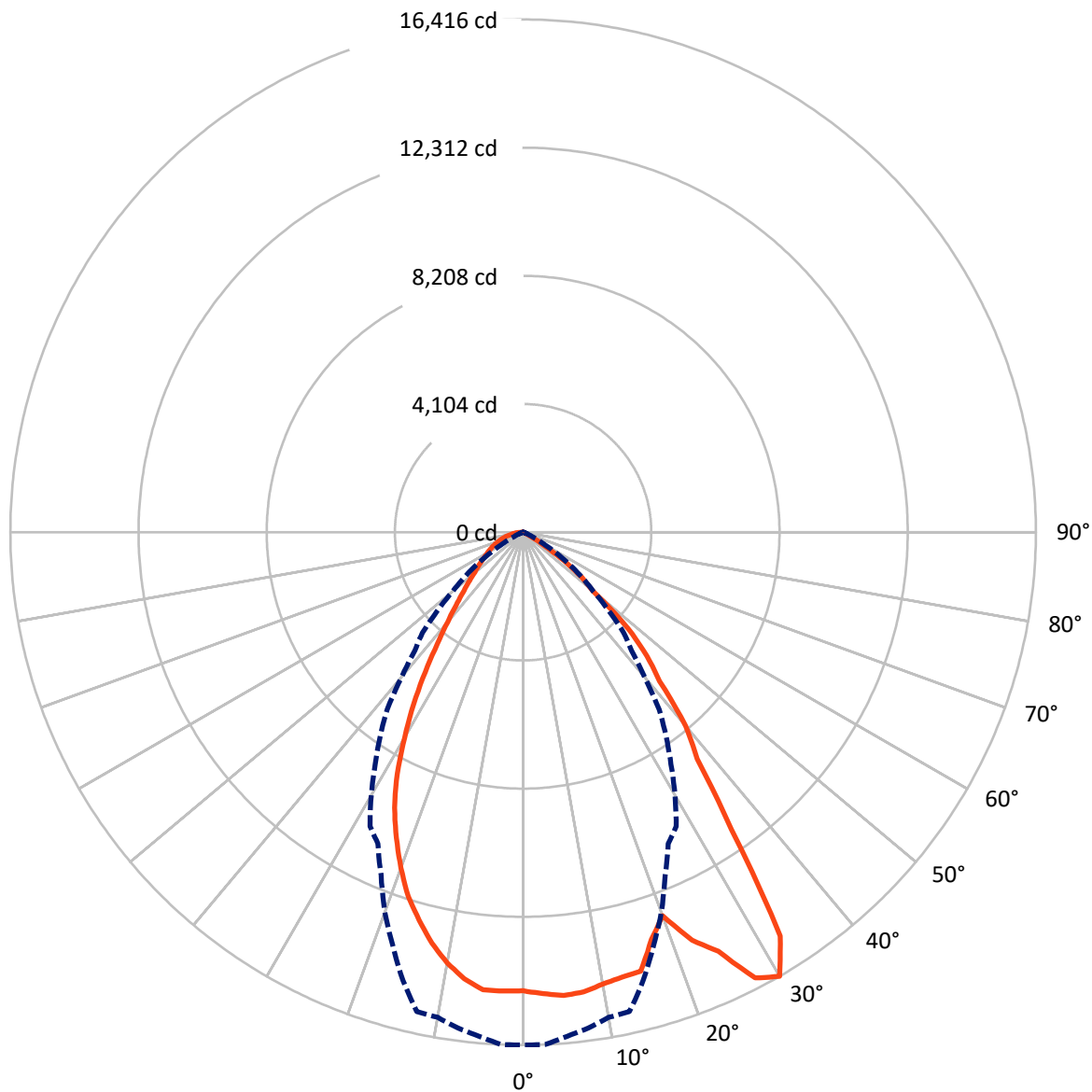
Lumen Table



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Luminous Intensity Polar Plot



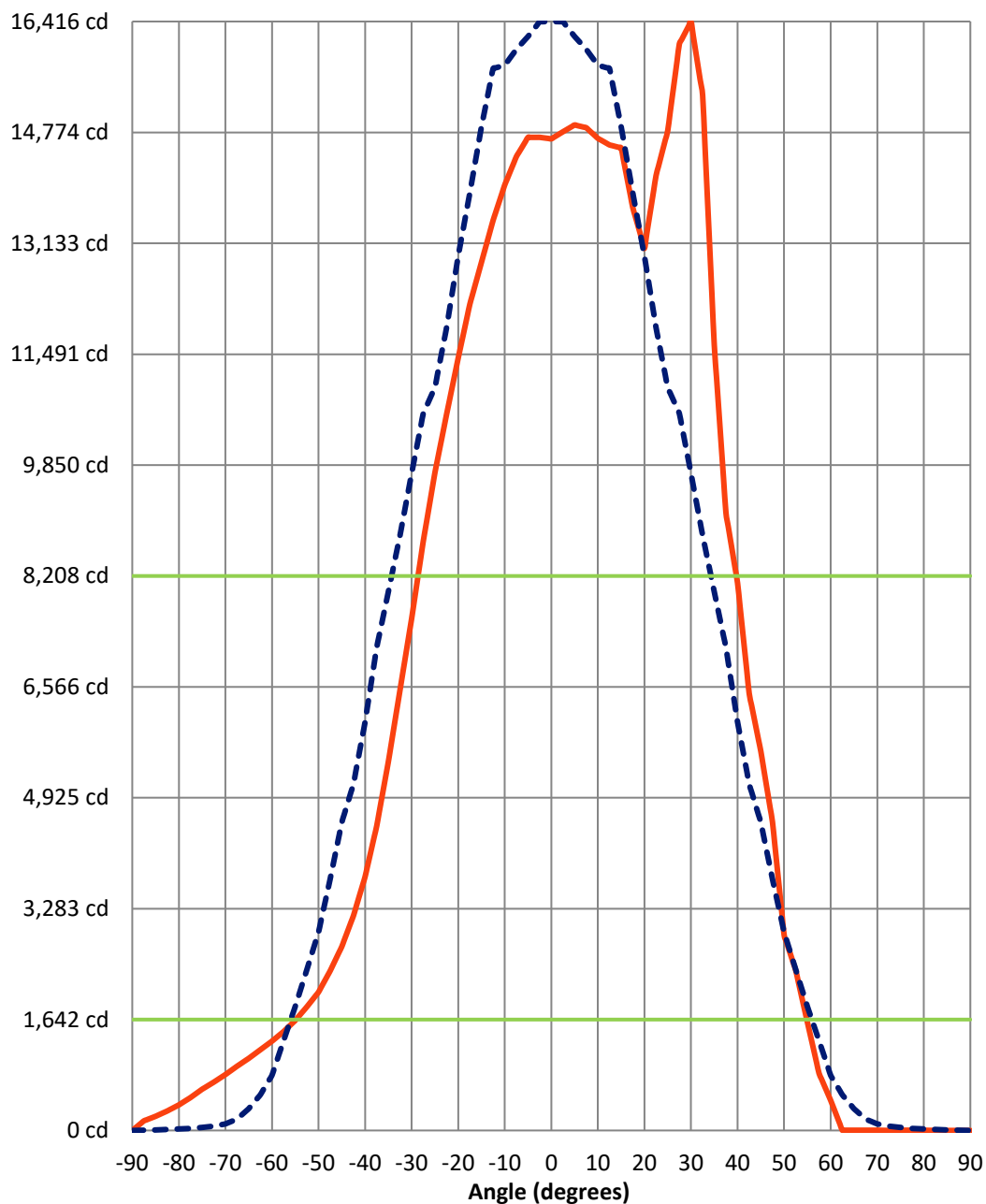
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 15001.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 22169.3

Efficiency: 94.3%

Spill:

Lumens: 1345.6

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	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	0.0	3.7	3.7	3.7	7.5	7.5	7.5	7.5	7.5	7.5	11.2
82.5°	0.0	3.7	3.7	3.7	7.5	7.5	7.5	7.5	11.2	11.2	15.0
80°	3.7	3.7	3.7	3.7	7.5	7.5	7.5	11.2	11.2	15.0	15.0
77.5°	3.7	3.7	3.7	7.5	7.5	7.5	11.2	11.2	15.0	15.0	18.7
75°	3.7	3.7	3.7	7.5	7.5	11.2	11.2	11.2	15.0	15.0	18.7
72.5°	0.0	3.7	3.7	7.5	7.5	11.2	11.2	11.2	15.0	15.0	15.0
70°	3.7	3.7	3.7	7.5	7.5	11.2	11.2	11.2	15.0	15.0	15.0
67.5°	3.7	3.7	3.7	7.5	7.5	11.2	11.2	15.0	15.0	15.0	18.7
65°	3.7	3.7	3.7	7.5	11.2	11.2	15.0	18.7	18.7	22.5	26.2
62.5°	3.7	7.5	7.5	11.2	15.0	18.7	41.2	63.6	63.6	44.9	37.4
60°	445.5	482.9	479.2	434.3	378.1	318.2	307.0	295.8	273.3	239.6	250.8
57.5°	846.1	891.0	909.7	898.5	868.5	816.1	786.2	752.5	707.6	655.1	595.2
55°	1602.3	1621.0	1579.8	1501.2	1415.1	1329.0	1299.1	1254.1	1186.7	1119.4	1029.5
52.5°	2369.7	2433.4	2414.7	2336.1	2220.0	2066.5	1898.0	1767.0	1688.4	1613.5	1523.7
50°	2893.9	2920.1	2972.5	3066.1	3099.8	2994.9	2721.7	2369.7	2118.9	2246.2	2148.9
47.5°	4567.3	4698.3	4672.1	4604.7	4492.4	4207.9	3826.0	3511.6	3249.5	3163.4	3178.4
45°	5611.8	5664.2	5645.5	5615.5	5563.1	5297.3	4874.3	4391.3	4148.0	4050.7	3949.6
42.5°	6469.1	6525.2	6536.5	6540.2	6484.0	6240.7	5858.9	5375.9	5132.6	4851.8	4630.9
40°	8105.1	8187.4	8093.8	7970.3	7783.1	7506.1	7131.7	6686.2	6255.7	5911.3	5649.2
37.5°	9149.5	9250.6	9288.1	9280.6	9239.4	9119.6	8659.1	8236.1	7577.2	6806.0	6944.5
35°	11627.9	11732.7	11702.7	11590.4	11530.5	11403.2	10954.0	10452.3	9625.0	8786.4	8561.8
32.5°	15322.9	15551.2	15124.5	14656.5	14368.2	14469.3	14012.6	12784.7	12402.8	10890.4	10190.3
30°	16416.0	16412.3	16195.1	16004.2	15768.4	15719.7	14858.7	13877.8	12941.9	11882.4	10998.9
27.5°	16082.8	16015.5	15832.0	15693.5	15472.6	15356.6	14514.2	13735.6	12653.6	11706.5	10852.9
25°	14798.8	14851.2	14664.0	14637.8	14551.7	14327.1	13907.8	13031.7	12065.9	11017.6	10403.7
22.5°	14136.1	14117.4	13892.8	13761.8	13866.6	13627.0	13458.5	12575.0	11568.0	10684.5	9947.0
20°	13057.9	13061.7	13005.5	12994.3	12930.7	12822.1	12687.3	12062.1	11350.8	10594.6	9707.4
17.5°	13660.7	13814.2	13881.6	13323.7	13481.0	13357.4	13215.2	12342.9	11807.6	11137.4	9980.6
15°	14544.2	14488.0	14420.6	14390.7	14304.6	14188.5	13930.2	13233.9	12313.0	11620.4	10718.1
12.5°	14589.1	14480.5	14454.3	14450.6	14360.7	14199.8	13948.9	13372.4	12556.3	11714.0	10980.2
10°	14686.4	14574.1	14559.2	14577.9	14439.4	14338.3	14087.5	13552.1	12631.2	11874.9	11182.4
7.5°	14843.7	14656.5	14742.6	14686.4	14622.8	14461.8	14192.3	13668.2	12904.5	12088.3	11362.1
5°	14884.9	14679.0	14772.6	14720.1	14626.5	14469.3	14177.3	13743.0	13072.9	12174.4	11433.2
2.5°	14783.8	14723.9	14682.7	14585.4	14544.2	14372.0	14094.9	13630.7	12994.3	12137.0	11418.2
0°	14679.0	14731.4	14637.8	14540.4	14521.7	14383.2	14147.4	13728.1	13177.7	12241.8	11545.5
-2.5°	14701.4	14660.2	14596.6	14495.5	14398.2	14199.8	13986.4	13593.3	13001.8	12013.5	11365.8
-5°	14701.4	14510.5	14518.0	14521.7	14424.4	14218.5	13960.2	13627.0	12897.0	12009.7	11313.4
-7.5°	14416.9	14252.2	14226.0	14203.5	14177.3	13986.4	13784.2	13368.7	12721.0	11912.4	11167.4
-10°	13997.6	13836.6	13851.6	13817.9	13735.6	13608.3	13454.8	13080.4	12548.8	11605.4	10871.6
-12.5°	13473.5	13402.4	13361.2	13305.0	13222.7	13110.4	12953.1	12601.2	12032.2	11227.3	10531.0
-15°	12852.0	12799.6	12762.2	12728.5	12608.7	12492.7	12286.7	11961.0	11605.4	10740.6	10029.3
-17.5°	12230.6	12099.6	12047.2	12002.2	11923.6	11736.4	11549.2	11305.9	10808.0	10122.9	9512.7
-20°	11433.2	11354.6	11290.9	11231.0	11118.7	10972.7	10819.2	10538.5	10107.9	9553.9	8921.2

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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°	10598.4	10553.4	10501.0	10426.1	10351.3	10212.8	9999.4	9729.8	9392.9	8793.9	8202.4
-25°	9737.3	9651.2	9587.6	9516.4	9456.5	9329.2	9123.3	8865.0	8442.0	7925.4	7431.2
-27.5°	8722.8	8640.4	8606.7	8524.4	8471.9	8355.9	8150.0	7910.4	7528.5	7094.3	6592.6
-30°	7577.2	7592.2	7554.7	7476.1	7412.5	7262.7	7105.5	6903.3	6603.8	6188.3	5739.1
-32.5°	6517.7	6536.5	6491.5	6409.2	6326.8	6218.2	6072.2	5888.8	5664.2	5267.4	4878.0
-35°	5458.3	5450.8	5413.4	5364.7	5308.5	5218.7	5054.0	4915.4	4657.1	4380.1	4110.6
-37.5°	4507.4	4526.1	4514.9	4488.7	4425.0	4350.2	4215.4	4088.1	3897.2	3653.8	3444.2
-40°	3754.9	3777.4	3762.4	3736.2	3680.0	3635.1	3545.3	3433.0	3279.5	3069.8	2893.9
-42.5°	3178.4	3193.4	3174.6	3152.2	3103.5	3069.8	2998.7	2905.1	2777.8	2616.8	2459.6
-45°	2721.7	2725.4	2706.7	2691.7	2654.3	2613.1	2553.2	2478.3	2377.2	2264.9	2137.6
-47.5°	2362.3	2358.5	2339.8	2324.8	2294.9	2257.4	2208.8	2141.4	2062.8	1976.7	1875.6
-50°	2047.8	2066.5	2059.0	2044.0	2021.6	1995.4	1946.7	1875.6	1797.0	1733.3	1662.2
-52.5°	1830.7	1834.4	1830.7	1830.7	1826.9	1808.2	1752.0	1680.9	1594.8	1538.7	1478.8
-55°	1628.5	1647.2	1654.7	1662.2	1665.9	1665.9	1598.6	1523.7	1441.3	1385.2	1340.2
-57.5°	1463.8	1475.0	1482.5	1501.2	1516.2	1527.4	1467.5	1400.1	1336.5	1284.1	1242.9
-60°	1321.5	1336.5	1347.7	1366.4	1377.7	1385.2	1347.7	1302.8	1265.4	1231.7	1171.8
-62.5°	1194.2	1205.5	1216.7	1227.9	1239.2	1246.6	1231.7	1209.2	1190.5	1175.5	1100.6
-65°	1066.9	1078.2	1089.4	1104.4	1115.6	1123.1	1119.4	1104.4	1089.4	1074.4	1007.0
-67.5°	950.9	962.1	977.1	980.8	988.3	992.1	984.6	973.4	954.6	935.9	883.5
-70°	827.4	834.8	842.3	842.3	842.3	838.6	831.1	816.1	797.4	771.2	730.0
-72.5°	715.0	722.5	730.0	718.8	711.3	700.1	688.8	670.1	651.4	632.7	610.2
-75°	610.2	614.0	614.0	599.0	587.8	576.5	561.6	550.3	531.6	516.6	497.9
-77.5°	486.7	486.7	486.7	475.4	468.0	460.5	449.2	438.0	423.0	411.8	396.8
-80°	378.1	378.1	378.1	374.4	363.1	355.6	348.2	340.7	329.4	322.0	314.5
-82.5°	288.3	288.3	288.3	284.5	277.0	273.3	265.8	258.3	254.6	247.1	243.3
-85°	209.6	213.4	213.4	209.6	205.9	198.4	194.7	190.9	187.2	183.4	176.0
-87.5°	142.3	142.3	142.3	138.5	134.8	134.8	131.0	123.5	116.1	112.3	108.6
-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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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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	11.2	11.2	11.2	15.0	15.0	15.0	15.0	15.0	15.0	15.0	11.2
82.5°	18.7	18.7	22.5	22.5	26.2	26.2	26.2	26.2	26.2	26.2	26.2
80°	18.7	22.5	26.2	29.9	33.7	37.4	37.4	37.4	37.4	33.7	33.7
77.5°	22.5	22.5	26.2	29.9	33.7	37.4	41.2	44.9	41.2	41.2	41.2
75°	22.5	26.2	26.2	29.9	33.7	37.4	41.2	44.9	44.9	44.9	44.9
72.5°	18.7	22.5	26.2	29.9	29.9	33.7	37.4	37.4	41.2	41.2	44.9
70°	18.7	22.5	26.2	26.2	29.9	29.9	33.7	37.4	37.4	41.2	41.2
67.5°	22.5	26.2	26.2	29.9	33.7	33.7	33.7	37.4	37.4	41.2	41.2
65°	26.2	29.9	29.9	33.7	37.4	37.4	41.2	41.2	41.2	44.9	44.9
62.5°	44.9	44.9	44.9	41.2	44.9	44.9	44.9	48.7	48.7	44.9	48.7
60°	232.1	168.5	116.1	146.0	131.0	59.9	59.9	59.9	56.2	56.2	52.4
57.5°	546.6	509.1	438.0	370.6	333.2	295.8	183.4	74.9	74.9	67.4	59.9
55°	913.5	789.9	737.5	647.7	550.3	505.4	419.3	284.5	134.8	89.8	78.6
52.5°	1415.1	1299.1	1164.3	980.8	849.8	745.0	673.9	535.3	359.4	190.9	119.8
50°	1894.3	1841.9	1759.5	1579.8	1306.5	1130.6	1014.5	857.3	643.9	393.1	224.6
47.5°	3051.1	2613.1	2347.3	2208.8	1980.4	1647.2	1422.6	1246.6	988.3	662.6	396.8
45°	3841.0	3564.0	3140.9	2848.9	2512.0	2160.1	1868.1	1665.9	1359.0	992.1	621.5
42.5°	4518.6	4279.0	3897.2	3470.4	3114.7	2654.3	2279.9	2014.1	1755.8	1355.2	928.4
40°	5390.9	5106.4	4739.5	4323.9	3908.4	3320.6	2714.2	2392.2	2107.7	1752.0	1254.1
37.5°	6828.5	6326.8	5727.8	5267.4	4724.5	4226.6	3395.5	2826.5	2489.5	2118.9	1636.0
35°	8558.0	8007.7	7008.2	6397.9	5671.7	4930.4	4181.7	3339.4	2860.2	2467.1	1987.9
32.5°	10167.8	9362.9	8082.6	7367.6	6884.6	5518.2	4743.2	4013.2	3242.0	2759.1	2190.1
30°	10613.3	9726.1	8808.9	7974.0	7150.4	6046.0	5128.8	4559.8	3721.2	2935.0	2381.0
27.5°	10164.1	9553.9	8842.6	8067.6	7176.6	6229.5	5364.7	4821.9	4073.1	3054.8	2530.7
25°	9707.4	9070.9	8573.0	7925.4	7101.8	6218.2	5372.2	4986.6	4346.4	3286.9	2613.1
22.5°	9224.4	8827.6	8415.8	7693.3	6914.6	6251.9	5615.5	5128.8	4488.7	3549.0	2646.8
20°	9250.6	8992.3	8539.3	7573.5	6880.9	6450.4	5907.5	5308.5	4642.2	3777.4	2673.0
17.5°	9669.9	9333.0	8763.9	7925.4	7184.1	6652.5	6150.9	5555.6	4799.4	3979.5	2991.2
15°	10186.5	9673.7	9078.4	8340.9	7502.3	6873.4	6338.0	5727.8	4979.1	4166.7	3275.7
12.5°	10560.9	9830.9	9273.1	8606.7	7846.7	7113.0	6461.6	5858.9	5147.6	4320.2	3489.1
10°	10688.2	10025.6	9366.7	8771.4	8022.7	7240.3	6555.2	5941.2	5293.6	4440.0	3646.3
7.5°	10755.6	10194.0	9430.3	8846.3	8127.5	7318.9	6630.1	5986.1	5409.6	4522.4	3747.4
5°	10748.1	10283.9	9479.0	8868.8	8183.7	7352.6	6682.5	5997.4	5492.0	4593.5	3807.3
2.5°	10714.4	10343.8	9557.6	8906.2	8296.0	7416.2	6783.5	6019.8	5521.9	4672.1	3848.5
0°	10837.9	10347.5	9640.0	8917.4	8370.9	7438.7	6828.5	6001.1	5480.7	4694.6	3844.8
-2.5°	10572.1	10126.6	9621.3	8820.1	8269.8	7386.3	6746.1	5941.2	5390.9	4668.4	3829.8
-5°	10527.2	9965.7	9464.0	8730.3	8101.3	7277.7	6592.6	5828.9	5248.6	4582.3	3769.9
-7.5°	10407.4	9812.2	9310.5	8659.1	7944.1	7165.4	6446.6	5712.9	5095.1	4447.5	3683.8
-10°	10145.4	9576.3	9145.8	8505.6	7753.2	7004.4	6270.7	5559.4	4915.4	4264.0	3549.0
-12.5°	9771.0	9202.0	8775.2	8179.9	7513.6	6787.3	6061.0	5360.9	4709.5	4069.4	3388.0
-15°	9348.0	8771.4	8344.7	7801.8	7157.9	6450.4	5795.2	5110.1	4473.7	3863.5	3197.1
-17.5°	8868.8	8322.2	7910.4	7382.5	6742.4	6068.5	5417.1	4795.7	4200.4	3650.1	2976.2
-20°	8314.7	7783.1	7405.0	6877.1	6289.4	5634.2	5001.6	4413.8	3878.4	3361.8	2732.9

REPORT NUMBER: P722586

CATALOG NUMBER: IFLD-M-SA4D-827-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°	7629.6	7161.7	6731.1	6259.4	5746.5	5147.6	4559.8	4039.4	3526.5	3021.1	2482.1
-25°	6929.5	6476.6	6057.3	5626.7	5136.3	4619.7	4118.0	3646.3	3144.7	2688.0	2238.7
-27.5°	6150.9	5746.5	5372.2	4975.3	4526.1	4080.6	3668.8	3208.3	2774.1	2384.7	1999.1
-30°	5319.8	4990.3	4664.6	4312.7	3949.6	3575.2	3208.3	2774.1	2433.4	2122.7	1797.0
-32.5°	4522.4	4226.6	3964.6	3702.5	3388.0	3081.0	2755.3	2433.4	2148.9	1875.6	1602.3
-35°	3822.3	3507.8	3361.8	3152.2	2901.3	2624.3	2358.5	2133.9	1905.5	1658.4	1415.1
-37.5°	3215.8	3013.7	2841.5	2684.2	2485.8	2246.2	2055.3	1871.8	1680.9	1456.3	1246.6
-40°	2740.4	2594.4	2422.2	2306.1	2145.1	1972.9	1782.0	1628.5	1467.5	1284.1	1111.9
-42.5°	2358.5	2238.7	2126.4	2002.9	1883.1	1737.1	1572.3	1426.3	1280.3	1145.6	1003.3
-45°	2044.0	1957.9	1868.1	1767.0	1662.2	1534.9	1400.1	1250.4	1145.6	1025.8	906.0
-47.5°	1785.7	1722.1	1647.2	1568.6	1478.8	1366.4	1242.9	1134.3	1025.8	924.7	808.6
-50°	1579.8	1519.9	1460.0	1392.6	1314.0	1216.7	1123.1	1022.0	920.9	823.6	715.0
-52.5°	1407.6	1355.2	1306.5	1250.4	1175.5	1093.2	1007.0	917.2	823.6	726.3	640.2
-55°	1287.8	1227.9	1179.3	1123.1	1055.7	977.1	898.5	816.1	726.3	651.4	580.3
-57.5°	1190.5	1123.1	1066.9	1007.0	939.7	872.3	801.1	726.3	658.9	587.8	520.4
-60°	1108.1	1029.5	965.9	906.0	842.3	778.7	718.8	655.1	591.5	527.9	460.5
-62.5°	1022.0	939.7	861.0	804.9	756.2	700.1	647.7	587.8	531.6	468.0	419.3
-65°	924.7	846.1	771.2	722.5	677.6	628.9	580.3	527.9	479.2	430.5	385.6
-67.5°	816.1	748.7	696.3	651.4	606.5	565.3	520.4	475.4	434.3	385.6	340.7
-70°	685.1	647.7	617.7	584.0	542.8	505.4	464.2	423.0	378.1	336.9	295.8
-72.5°	584.0	561.6	539.1	505.4	468.0	434.3	400.6	363.1	325.7	288.3	254.6
-75°	479.2	460.5	441.8	419.3	389.3	363.1	333.2	299.5	269.5	243.3	217.1
-77.5°	385.6	370.6	359.4	340.7	318.2	295.8	277.0	254.6	232.1	205.9	179.7
-80°	307.0	299.5	295.8	288.3	269.5	250.8	235.9	217.1	194.7	176.0	157.2
-82.5°	239.6	239.6	235.9	232.1	217.1	202.2	190.9	176.0	161.0	146.0	127.3
-85°	176.0	172.2	172.2	168.5	157.2	149.7	138.5	131.0	119.8	104.8	97.3
-87.5°	104.8	101.1	97.3	93.6	86.1	82.4	74.9	71.1	63.6	56.2	52.4
-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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CATALOG NUMBER: IFLD-M-SA4D-827-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
85°	11.2	7.5	7.5	7.5	7.5	7.5	3.7	3.7	3.7	3.7	3.7
82.5°	22.5	22.5	18.7	18.7	15.0	11.2	7.5	7.5	7.5	3.7	3.7
80°	33.7	33.7	33.7	29.9	26.2	18.7	15.0	11.2	7.5	3.7	3.7
77.5°	41.2	37.4	37.4	33.7	33.7	29.9	22.5	18.7	11.2	7.5	3.7
75°	41.2	41.2	41.2	37.4	37.4	33.7	29.9	22.5	18.7	11.2	7.5
72.5°	44.9	41.2	41.2	41.2	37.4	33.7	29.9	26.2	22.5	15.0	7.5
70°	41.2	41.2	41.2	41.2	37.4	37.4	29.9	26.2	26.2	15.0	11.2
67.5°	41.2	41.2	41.2	37.4	37.4	33.7	29.9	26.2	26.2	18.7	11.2
65°	44.9	41.2	41.2	41.2	37.4	33.7	29.9	26.2	26.2	22.5	15.0
62.5°	48.7	44.9	44.9	41.2	37.4	33.7	29.9	26.2	26.2	22.5	15.0
60°	52.4	48.7	44.9	44.9	41.2	37.4	29.9	29.9	26.2	22.5	15.0
57.5°	56.2	52.4	52.4	48.7	44.9	41.2	33.7	29.9	26.2	22.5	18.7
55°	67.4	59.9	56.2	56.2	52.4	44.9	37.4	29.9	26.2	22.5	18.7
52.5°	89.8	71.1	63.6	63.6	59.9	52.4	41.2	33.7	26.2	22.5	18.7
50°	142.3	89.8	74.9	67.4	67.4	59.9	48.7	37.4	26.2	22.5	18.7
47.5°	224.6	149.7	89.8	78.6	74.9	71.1	56.2	37.4	29.9	22.5	18.7
45°	370.6	220.9	146.0	93.6	78.6	74.9	63.6	41.2	29.9	26.2	18.7
42.5°	509.1	344.4	224.6	112.3	93.6	82.4	67.4	44.9	33.7	26.2	18.7
40°	801.1	471.7	314.5	183.4	108.6	86.1	74.9	52.4	33.7	26.2	18.7
37.5°	1085.7	625.2	423.0	269.5	123.5	97.3	78.6	56.2	37.4	26.2	22.5
35°	1370.2	876.0	524.1	359.4	164.7	116.1	82.4	59.9	37.4	26.2	22.5
32.5°	1624.8	1111.9	628.9	449.2	247.1	138.5	89.8	63.6	41.2	29.9	22.5
30°	1834.4	1329.0	816.1	527.9	322.0	168.5	97.3	63.6	44.9	29.9	22.5
27.5°	1991.6	1497.5	1007.0	610.2	385.6	198.4	112.3	71.1	44.9	29.9	22.5
25°	2118.9	1628.5	1175.5	696.3	441.8	247.1	134.8	74.9	48.7	33.7	22.5
22.5°	2220.0	1737.1	1314.0	812.4	509.1	295.8	164.7	82.4	48.7	33.7	22.5
20°	2358.5	1845.6	1407.6	935.9	580.3	340.7	190.9	89.8	48.7	33.7	26.2
17.5°	2478.3	1954.2	1482.5	1040.7	651.4	374.4	220.9	97.3	52.4	33.7	26.2
15°	2616.8	2059.0	1549.9	1123.1	718.8	404.3	247.1	104.8	52.4	37.4	26.2
12.5°	2766.6	2156.4	1598.6	1190.5	789.9	430.5	269.5	119.8	56.2	37.4	26.2
10°	2920.1	2238.7	1639.7	1239.2	842.3	456.7	284.5	134.8	59.9	37.4	26.2
7.5°	3073.6	2313.6	1692.1	1261.6	864.8	486.7	292.0	149.7	59.9	41.2	26.2
5°	3178.4	2362.3	1767.0	1276.6	876.0	520.4	303.2	168.5	63.6	41.2	26.2
2.5°	3268.2	2392.2	1845.6	1287.8	879.8	539.1	299.5	179.7	67.4	41.2	26.2
0°	3309.4	2392.2	1898.0	1280.3	868.5	557.8	299.5	190.9	67.4	41.2	26.2
-2.5°	3245.8	2459.6	1883.1	1284.1	872.3	557.8	314.5	194.7	74.9	44.9	26.2
-5°	3144.7	2485.8	1838.1	1265.4	864.8	557.8	333.2	198.4	78.6	44.9	29.9
-7.5°	3047.4	2497.0	1785.7	1246.6	853.6	542.8	336.9	194.7	86.1	48.7	29.9
-10°	2920.1	2373.5	1718.3	1213.0	831.1	531.6	344.4	194.7	89.8	48.7	29.9
-12.5°	2774.1	2223.7	1636.0	1164.3	804.9	520.4	348.2	194.7	93.6	52.4	29.9
-15°	2605.6	2070.3	1542.4	1111.9	767.5	505.4	340.7	190.9	97.3	52.4	33.7
-17.5°	2414.7	1920.5	1445.1	1048.2	726.3	486.7	325.7	187.2	97.3	52.4	33.7
-20°	2197.5	1770.8	1336.5	984.6	677.6	464.2	310.7	179.7	97.3	52.4	33.7

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CATALOG NUMBER: IFLD-M-SA4D-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2002.9	1632.2	1224.2	913.5	625.2	438.0	292.0	172.2	97.3	56.2	33.7
-25°	1841.9	1497.5	1138.1	842.3	569.0	408.1	273.3	164.7	97.3	56.2	33.7
-27.5°	1673.4	1351.5	1048.2	774.9	531.6	381.9	254.6	157.2	93.6	56.2	33.7
-30°	1501.2	1209.2	954.6	700.1	494.2	355.6	239.6	146.0	93.6	56.2	33.7
-32.5°	1344.0	1093.2	868.5	625.2	453.0	329.4	224.6	142.3	89.8	56.2	33.7
-35°	1190.5	988.3	778.7	565.3	408.1	303.2	209.6	138.5	89.8	56.2	33.7
-37.5°	1063.2	891.0	696.3	524.1	381.9	280.8	194.7	131.0	86.1	56.2	33.7
-40°	958.4	801.1	617.7	479.2	359.4	258.3	179.7	127.3	86.1	56.2	33.7
-42.5°	861.0	715.0	569.0	441.8	336.9	243.3	168.5	123.5	82.4	56.2	33.7
-45°	774.9	640.2	520.4	408.1	310.7	224.6	161.0	116.1	78.6	56.2	37.4
-47.5°	688.8	587.8	475.4	378.1	284.5	202.2	153.5	112.3	74.9	52.4	37.4
-50°	621.5	531.6	438.0	344.4	258.3	194.7	146.0	104.8	74.9	52.4	37.4
-52.5°	561.6	479.2	396.8	310.7	235.9	183.4	138.5	97.3	71.1	52.4	37.4
-55°	505.4	430.5	355.6	277.0	220.9	172.2	127.3	89.8	71.1	52.4	37.4
-57.5°	449.2	385.6	314.5	250.8	202.2	161.0	119.8	89.8	71.1	52.4	37.4
-60°	404.3	344.4	284.5	232.1	187.2	146.0	108.6	86.1	67.4	52.4	37.4
-62.5°	366.9	310.7	258.3	209.6	172.2	131.0	104.8	86.1	67.4	52.4	33.7
-65°	329.4	280.8	232.1	190.9	153.5	123.5	101.1	82.4	67.4	52.4	33.7
-67.5°	292.0	247.1	209.6	168.5	142.3	119.8	97.3	82.4	63.6	48.7	33.7
-70°	254.6	217.1	183.4	157.2	134.8	112.3	93.6	78.6	63.6	44.9	29.9
-72.5°	224.6	190.9	164.7	146.0	127.3	108.6	89.8	74.9	59.9	41.2	26.2
-75°	190.9	168.5	149.7	131.0	116.1	101.1	86.1	67.4	52.4	37.4	26.2
-77.5°	161.0	146.0	131.0	119.8	104.8	89.8	74.9	59.9	48.7	33.7	22.5
-80°	138.5	127.3	116.1	104.8	93.6	78.6	67.4	52.4	41.2	29.9	18.7
-82.5°	112.3	104.8	93.6	86.1	78.6	67.4	56.2	44.9	29.9	22.5	15.0
-85°	86.1	78.6	74.9	67.4	59.9	48.7	37.4	29.9	22.5	15.0	7.5
-87.5°	44.9	41.2	37.4	33.7	29.9	22.5	18.7	15.0	11.2	7.5	3.7
-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: P722586

CATALOG NUMBER: IFLD-M-SA4D-827-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°	3.7	0.0	0.0	0.0
77.5°	3.7	0.0	0.0	0.0
75°	3.7	3.7	0.0	0.0
72.5°	3.7	3.7	0.0	0.0
70°	3.7	3.7	0.0	0.0
67.5°	7.5	3.7	0.0	0.0
65°	7.5	3.7	0.0	0.0
62.5°	7.5	3.7	0.0	0.0
60°	7.5	3.7	0.0	0.0
57.5°	11.2	3.7	3.7	0.0
55°	11.2	3.7	3.7	0.0
52.5°	11.2	3.7	3.7	0.0
50°	11.2	7.5	3.7	0.0
47.5°	11.2	7.5	3.7	0.0
45°	11.2	7.5	3.7	0.0
42.5°	11.2	7.5	3.7	0.0
40°	15.0	7.5	3.7	0.0
37.5°	15.0	7.5	3.7	0.0
35°	15.0	7.5	3.7	0.0
32.5°	15.0	7.5	3.7	0.0
30°	15.0	7.5	3.7	0.0
27.5°	15.0	11.2	3.7	0.0
25°	15.0	11.2	3.7	0.0
22.5°	18.7	11.2	3.7	0.0
20°	18.7	11.2	3.7	0.0
17.5°	18.7	11.2	3.7	0.0
15°	18.7	11.2	3.7	0.0
12.5°	18.7	11.2	3.7	0.0
10°	18.7	11.2	3.7	0.0
7.5°	18.7	11.2	3.7	0.0
5°	18.7	11.2	3.7	0.0
2.5°	18.7	11.2	3.7	0.0
0°	18.7	11.2	3.7	0.0
-2.5°	18.7	11.2	3.7	0.0
-5°	18.7	11.2	3.7	0.0
-7.5°	18.7	11.2	3.7	0.0
-10°	18.7	11.2	3.7	0.0
-12.5°	22.5	11.2	3.7	0.0
-15°	22.5	11.2	3.7	0.0
-17.5°	22.5	11.2	3.7	0.0
-20°	22.5	11.2	3.7	0.0

REPORT NUMBER: P722586

CATALOG NUMBER: IFLD-M-SA4D-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.5	11.2	3.7	0.0
-25°	22.5	11.2	3.7	0.0
-27.5°	22.5	11.2	3.7	0.0
-30°	22.5	11.2	3.7	0.0
-32.5°	22.5	11.2	3.7	0.0
-35°	22.5	11.2	3.7	0.0
-37.5°	22.5	11.2	3.7	0.0
-40°	22.5	11.2	3.7	0.0
-42.5°	18.7	11.2	3.7	0.0
-45°	22.5	11.2	3.7	0.0
-47.5°	22.5	11.2	3.7	0.0
-50°	22.5	11.2	3.7	0.0
-52.5°	22.5	11.2	3.7	0.0
-55°	22.5	11.2	3.7	0.0
-57.5°	22.5	11.2	3.7	0.0
-60°	22.5	11.2	3.7	0.0
-62.5°	18.7	11.2	3.7	0.0
-65°	18.7	7.5	3.7	0.0
-67.5°	18.7	7.5	3.7	0.0
-70°	18.7	7.5	3.7	0.0
-72.5°	15.0	7.5	3.7	0.0
-75°	15.0	7.5	3.7	0.0
-77.5°	11.2	3.7	0.0	0.0
-80°	11.2	3.7	0.0	0.0
-82.5°	7.5	3.7	0.0	0.0
-85°	3.7	3.7	0.0	0.0
-87.5°	3.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)