

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: P722644

Luminaire Tested: **IFLD-M-SA4D-927-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722644
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-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

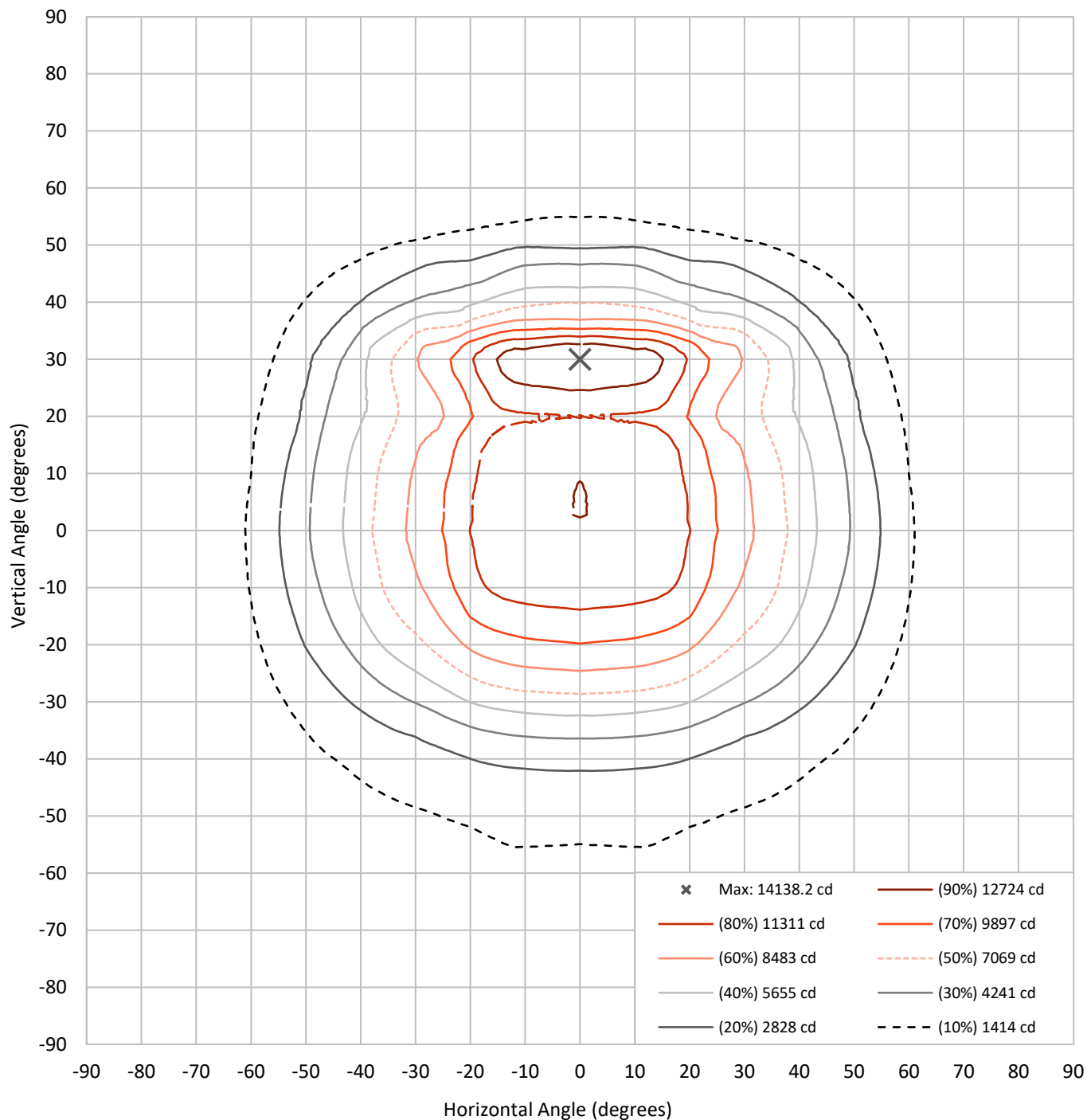
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	20252.1 lumens	Max Intensity:	14138.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	81.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	12919.9 lumens	Field Lumens:	19093.2 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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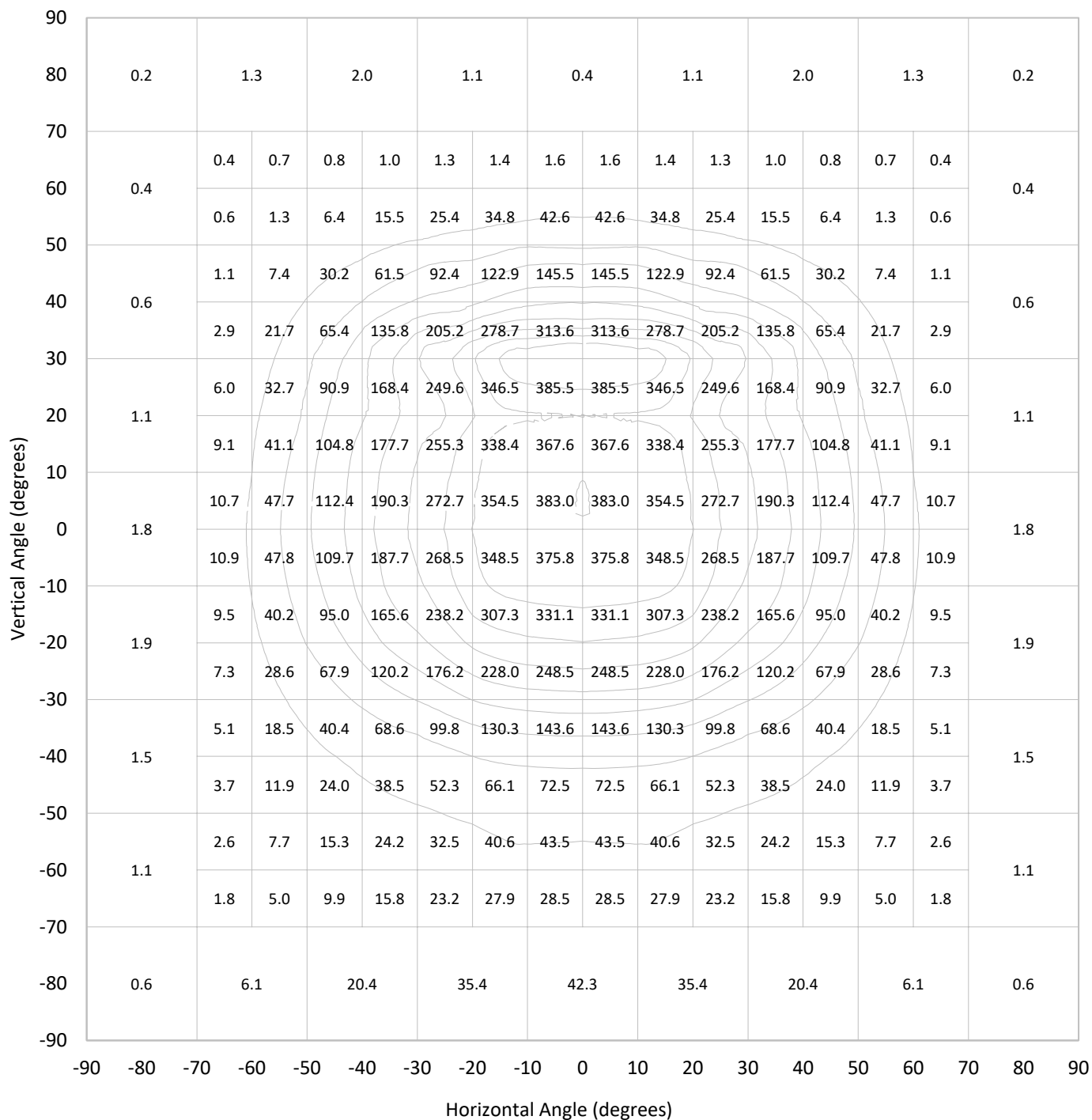
Iso-Candela Plot



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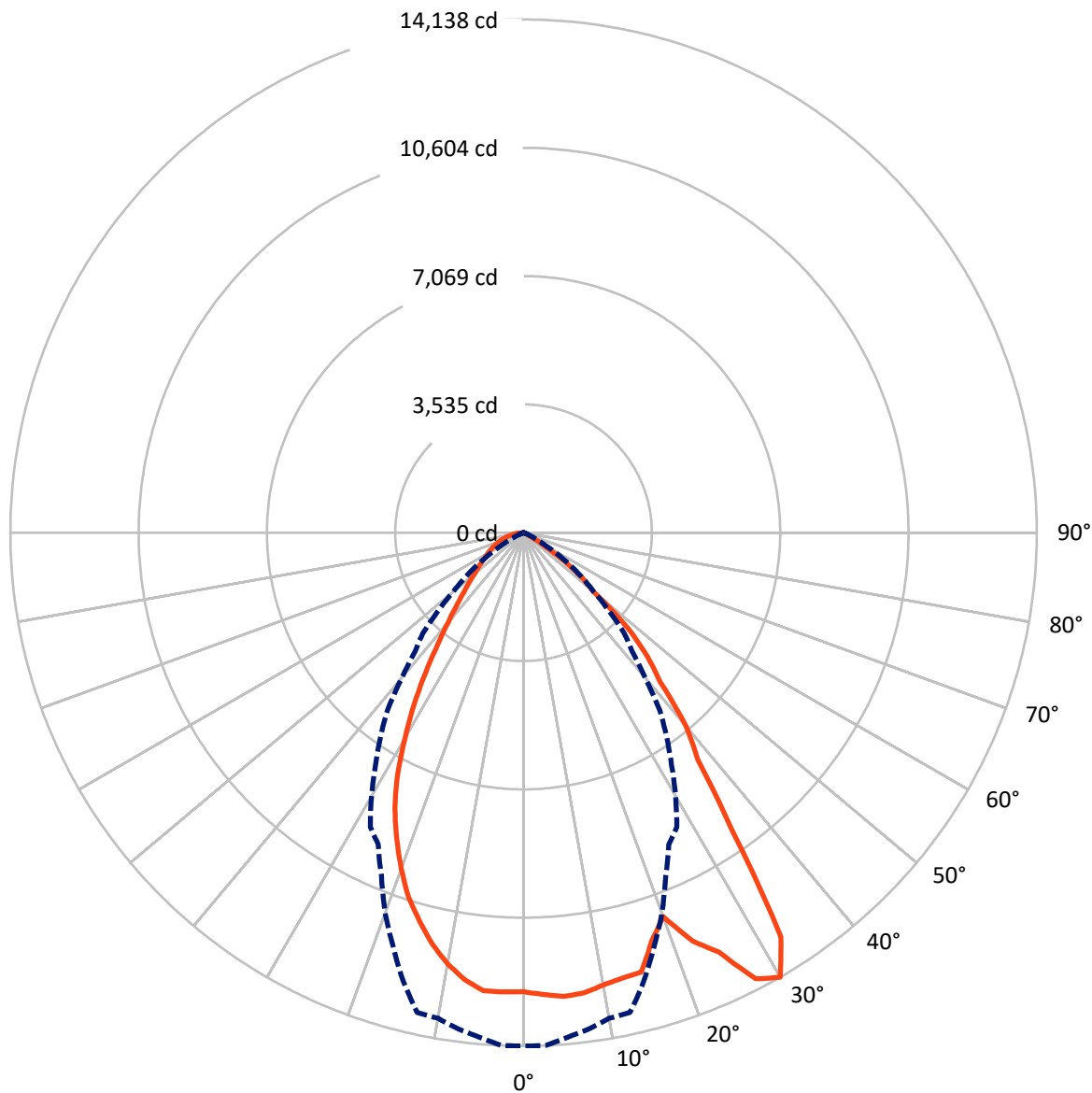
Lumen Table



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Luminous Intensity Polar Plot



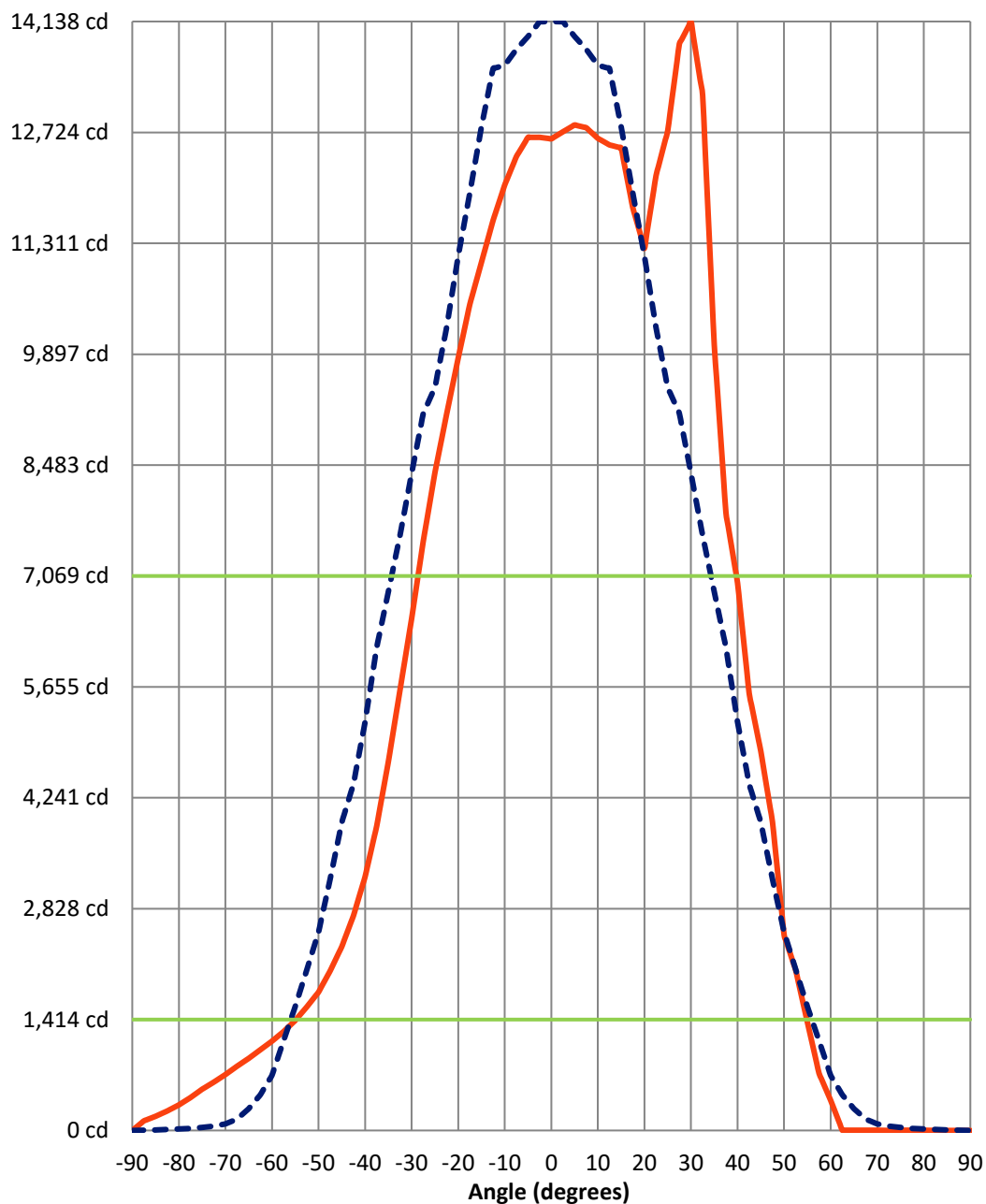
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 12919.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 19093.2

Efficiency: 94.3%

Spill:

Lumens: 1158.9

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	3.2	3.2	3.2	3.2	3.2	3.2	3.2
85°	0.0	3.2	3.2	3.2	6.4	6.4	6.4	6.4	6.4	6.4	9.7
82.5°	0.0	3.2	3.2	3.2	6.4	6.4	6.4	6.4	9.7	9.7	12.9
80°	3.2	3.2	3.2	3.2	6.4	6.4	6.4	9.7	9.7	12.9	12.9
77.5°	3.2	3.2	3.2	6.4	6.4	6.4	9.7	9.7	12.9	12.9	16.1
75°	3.2	3.2	3.2	6.4	6.4	9.7	9.7	9.7	12.9	12.9	16.1
72.5°	0.0	3.2	3.2	6.4	6.4	9.7	9.7	9.7	12.9	12.9	12.9
70°	3.2	3.2	3.2	6.4	6.4	9.7	9.7	9.7	12.9	12.9	12.9
67.5°	3.2	3.2	3.2	6.4	6.4	9.7	9.7	12.9	12.9	12.9	16.1
65°	3.2	3.2	3.2	6.4	9.7	9.7	12.9	16.1	16.1	19.3	22.6
62.5°	3.2	6.4	6.4	9.7	12.9	16.1	35.5	54.8	54.8	38.7	32.2
60°	383.7	415.9	412.7	374.0	325.6	274.1	264.4	254.7	235.4	206.3	216.0
57.5°	728.7	767.4	783.5	773.8	748.0	702.9	677.1	648.1	609.4	564.2	512.7
55°	1380.0	1396.1	1360.6	1292.9	1218.8	1144.6	1118.8	1080.1	1022.1	964.0	886.7
52.5°	2040.9	2095.7	2079.6	2011.9	1912.0	1779.8	1634.7	1521.8	1454.1	1389.6	1312.3
50°	2492.3	2514.9	2560.0	2640.6	2669.7	2579.4	2344.0	2040.9	1824.9	1934.5	1850.7
47.5°	3933.5	4046.4	4023.8	3965.8	3869.1	3624.0	3295.2	3024.3	2798.6	2724.5	2737.4
45°	4833.1	4878.2	4862.1	4836.3	4791.2	4562.3	4197.9	3782.0	3572.4	3488.6	3401.5
42.5°	5571.4	5619.8	5629.5	5632.7	5584.3	5374.8	5045.9	4630.0	4420.4	4178.6	3988.4
40°	6980.4	7051.4	6970.8	6864.4	6703.1	6464.6	6142.1	5758.5	5387.7	5091.0	4865.3
37.5°	7880.0	7967.0	7999.3	7992.8	7957.4	7854.2	7457.6	7093.3	6525.8	5861.6	5980.9
35°	10014.4	10104.7	10078.9	9982.2	9930.6	9821.0	9434.1	9002.0	8289.5	7567.2	7373.8
32.5°	13196.7	13393.4	13025.8	12622.8	12374.5	12461.6	12068.2	11010.7	10681.8	9379.2	8776.3
30°	14138.2	14135.0	13948.0	13783.5	13580.4	13538.5	12796.9	11952.2	11146.1	10233.7	9472.8
27.5°	13851.2	13793.2	13635.2	13515.9	13325.7	13225.7	12500.3	11829.7	10897.9	10082.1	9347.0
25°	12745.3	12790.5	12629.3	12606.7	12532.5	12339.1	11978.0	11223.5	10391.7	9488.9	8960.1
22.5°	12174.6	12158.5	11965.1	11852.2	11942.5	11736.2	11591.1	10830.1	9962.8	9201.9	8566.7
20°	11246.1	11249.3	11200.9	11191.3	11136.4	11042.9	10926.9	10388.4	9775.8	9124.5	8360.4
17.5°	11765.2	11897.4	11955.4	11475.0	11610.4	11504.0	11381.5	10630.2	10169.2	9592.0	8595.8
15°	12526.1	12477.7	12419.7	12393.9	12319.7	12219.8	11997.3	11397.6	10604.5	10008.0	9230.9
12.5°	12564.8	12471.3	12448.7	12445.5	12368.1	12229.5	12013.4	11516.9	10814.0	10088.6	9456.6
10°	12648.6	12551.9	12539.0	12555.1	12435.8	12348.8	12132.7	11671.7	10878.5	10227.2	9630.7
7.5°	12784.0	12622.8	12697.0	12648.6	12593.8	12455.2	12223.0	11771.6	11113.9	10411.0	9785.5
5°	12819.5	12642.2	12722.8	12677.6	12597.0	12461.6	12210.1	11836.1	11259.0	10485.2	9846.8
2.5°	12732.4	12680.8	12645.4	12561.6	12526.1	12377.8	12139.2	11739.4	11191.3	10452.9	9833.9
0°	12642.2	12687.3	12606.7	12522.9	12506.7	12387.4	12184.3	11823.2	11349.2	10543.2	9943.5
-2.5°	12661.5	12626.0	12571.2	12484.2	12400.3	12229.5	12045.7	11707.1	11197.7	10346.5	9788.7
-5°	12661.5	12497.1	12503.5	12506.7	12422.9	12245.6	12023.1	11736.2	11107.4	10343.3	9743.6
-7.5°	12416.5	12274.6	12252.0	12232.7	12210.1	12045.7	11871.6	11513.7	10955.9	10259.5	9617.8
-10°	12055.3	11916.7	11929.6	11900.6	11829.7	11720.0	11587.8	11265.4	10807.6	9995.1	9363.1
-12.5°	11604.0	11542.7	11507.2	11458.9	11387.9	11291.2	11155.8	10852.7	10362.6	9669.4	9069.7
-15°	11068.7	11023.6	10991.4	10962.3	10859.2	10759.2	10581.9	10301.4	9995.1	9250.3	8637.7
-17.5°	10533.5	10420.7	10375.5	10336.8	10269.1	10107.9	9946.7	9737.1	9308.3	8718.3	8192.7
-20°	9846.8	9779.1	9724.2	9672.7	9575.9	9450.2	9318.0	9076.2	8705.4	8228.2	7683.3

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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°	9127.8	9089.1	9043.9	8979.4	8915.0	8795.7	8611.9	8379.7	8089.6	7573.7	7064.3
-25°	8386.2	8312.0	8257.2	8196.0	8144.4	8034.7	7857.4	7634.9	7270.6	6825.7	6400.1
-27.5°	7512.4	7441.5	7412.5	7341.5	7296.4	7196.5	7019.1	6812.8	6483.9	6109.9	5677.8
-30°	6525.8	6538.7	6506.5	6438.8	6384.0	6255.0	6119.6	5945.5	5687.5	5329.6	4942.7
-32.5°	5613.4	5629.5	5590.8	5519.9	5448.9	5355.4	5229.7	5071.7	4878.2	4536.5	4201.2
-35°	4700.9	4694.5	4662.2	4620.3	4571.9	4494.6	4352.7	4233.4	4010.9	3772.3	3540.2
-37.5°	3882.0	3898.1	3888.4	3865.8	3811.0	3746.5	3630.5	3520.8	3356.4	3146.8	2966.3
-40°	3233.9	3253.2	3240.3	3217.8	3169.4	3130.7	3053.3	2956.6	2824.4	2643.9	2492.3
-42.5°	2737.4	2750.3	2734.1	2714.8	2672.9	2643.9	2582.6	2502.0	2392.4	2253.7	2118.3
-45°	2344.0	2347.2	2331.1	2318.2	2286.0	2250.5	2198.9	2134.4	2047.4	1950.7	1841.0
-47.5°	2034.5	2031.3	2015.1	2002.2	1976.4	1944.2	1902.3	1844.3	1776.5	1702.4	1615.3
-50°	1763.6	1779.8	1773.3	1760.4	1741.1	1718.5	1676.6	1615.3	1547.6	1492.8	1431.6
-52.5°	1576.6	1579.9	1576.6	1576.6	1573.4	1557.3	1508.9	1447.7	1373.5	1325.2	1273.6
-55°	1402.5	1418.7	1425.1	1431.6	1434.8	1434.8	1376.7	1312.3	1241.3	1193.0	1154.3
-57.5°	1260.7	1270.3	1276.8	1292.9	1305.8	1315.5	1263.9	1205.9	1151.0	1105.9	1070.4
-60°	1138.1	1151.0	1160.7	1176.8	1186.5	1193.0	1160.7	1122.0	1089.8	1060.8	1009.2
-62.5°	1028.5	1038.2	1047.9	1057.5	1067.2	1073.7	1060.8	1041.4	1025.3	1012.4	947.9
-65°	918.9	928.6	938.2	951.1	960.8	967.3	964.0	951.1	938.2	925.4	867.3
-67.5°	819.0	828.6	841.5	844.7	851.2	854.4	848.0	838.3	822.2	806.1	760.9
-70°	712.6	719.0	725.4	725.4	725.4	722.2	715.8	702.9	686.8	664.2	628.7
-72.5°	615.8	622.3	628.7	619.0	612.6	602.9	593.3	577.1	561.0	544.9	525.5
-75°	525.5	528.8	528.8	515.9	506.2	496.5	483.6	474.0	457.8	444.9	428.8
-77.5°	419.1	419.1	419.1	409.5	403.0	396.6	386.9	377.2	364.3	354.7	341.8
-80°	325.6	325.6	325.6	322.4	312.7	306.3	299.9	293.4	283.7	277.3	270.8
-82.5°	248.3	248.3	248.3	245.0	238.6	235.4	228.9	222.5	219.2	212.8	209.6
-85°	180.6	183.8	183.8	180.6	177.3	170.9	167.7	164.4	161.2	158.0	151.5
-87.5°	122.5	122.5	122.5	119.3	116.1	116.1	112.8	106.4	100.0	96.7	93.5
-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°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
85°	9.7	9.7	9.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	9.7
82.5°	16.1	16.1	19.3	19.3	22.6	22.6	22.6	22.6	22.6	22.6	22.6
80°	16.1	19.3	22.6	25.8	29.0	32.2	32.2	32.2	32.2	29.0	29.0
77.5°	19.3	19.3	22.6	25.8	29.0	32.2	35.5	38.7	35.5	35.5	35.5
75°	19.3	22.6	22.6	25.8	29.0	32.2	35.5	38.7	38.7	38.7	38.7
72.5°	16.1	19.3	22.6	25.8	25.8	29.0	32.2	32.2	35.5	35.5	38.7
70°	16.1	19.3	22.6	22.6	25.8	25.8	29.0	32.2	32.2	35.5	35.5
67.5°	19.3	22.6	22.6	25.8	29.0	29.0	29.0	32.2	32.2	35.5	35.5
65°	22.6	25.8	25.8	29.0	32.2	32.2	35.5	35.5	35.5	38.7	38.7
62.5°	38.7	38.7	38.7	35.5	38.7	38.7	38.7	41.9	41.9	38.7	41.9
60°	199.9	145.1	100.0	125.7	112.8	51.6	51.6	51.6	48.4	48.4	45.1
57.5°	470.7	438.5	377.2	319.2	287.0	254.7	158.0	64.5	64.5	58.0	51.6
55°	786.7	680.3	635.2	557.8	474.0	435.3	361.1	245.0	116.1	77.4	67.7
52.5°	1218.8	1118.8	1002.7	844.7	731.9	641.6	580.4	461.1	309.5	164.4	103.2
50°	1631.5	1586.3	1515.4	1360.6	1125.3	973.7	873.8	738.3	554.6	338.5	193.5
47.5°	2627.7	2250.5	2021.6	1902.3	1705.6	1418.7	1225.2	1073.7	851.2	570.7	341.8
45°	3308.0	3069.5	2705.1	2453.6	2163.4	1860.4	1608.9	1434.8	1170.4	854.4	535.2
42.5°	3891.6	3685.3	3356.4	2988.8	2682.5	2286.0	1963.5	1734.6	1512.2	1167.2	799.6
40°	4642.9	4397.8	4081.9	3724.0	3366.1	2859.9	2337.6	2060.3	1815.2	1508.9	1080.1
37.5°	5881.0	5448.9	4933.1	4536.5	4069.0	3640.1	2924.4	2434.3	2144.1	1824.9	1409.0
35°	7370.6	6896.6	6035.7	5510.2	4884.7	4246.3	3601.5	2876.0	2463.3	2124.8	1712.1
32.5°	8757.0	8063.8	6961.1	6345.3	5929.3	4752.5	4085.1	3456.4	2792.2	2376.2	1886.2
30°	9140.7	8376.5	7586.6	6867.6	6158.3	5207.1	4417.2	3927.1	3204.9	2527.8	2050.6
27.5°	8753.8	8228.2	7615.6	6948.2	6180.8	5365.1	4620.3	4152.8	3507.9	2631.0	2179.6
25°	8360.4	7812.3	7383.5	6825.7	6116.3	5355.4	4626.8	4294.7	3743.3	2830.9	2250.5
22.5°	7944.5	7602.7	7248.0	6625.8	5955.1	5384.4	4836.3	4417.2	3865.8	3056.6	2279.5
20°	7967.0	7744.6	7354.4	6522.6	5926.1	5555.3	5087.8	4571.9	3998.0	3253.2	2302.1
17.5°	8328.2	8038.0	7547.9	6825.7	6187.3	5729.4	5297.4	4784.7	4133.4	3427.3	2576.1
15°	8773.1	8331.4	7818.7	7183.6	6461.3	5919.7	5458.6	4933.1	4288.2	3588.6	2821.2
12.5°	9095.5	8466.8	7986.4	7412.5	6758.0	6126.0	5565.0	5045.9	4433.3	3720.7	3005.0
10°	9205.1	8634.5	8067.0	7554.3	6909.5	6235.6	5645.6	5116.8	4559.0	3823.9	3140.4
7.5°	9263.2	8779.5	8121.8	7618.8	6999.8	6303.3	5710.1	5155.5	4659.0	3894.9	3227.4
5°	9256.7	8856.9	8163.7	7638.2	7048.1	6332.4	5755.2	5165.2	4729.9	3956.1	3279.0
2.5°	9227.7	8908.5	8231.4	7670.4	7144.9	6387.2	5842.3	5184.5	4755.7	4023.8	3314.5
0°	9334.1	8911.7	8302.4	7680.1	7209.3	6406.5	5881.0	5168.4	4720.3	4043.2	3311.3
-2.5°	9105.2	8721.5	8286.2	7596.3	7122.3	6361.4	5810.0	5116.8	4642.9	4020.6	3298.4
-5°	9066.5	8582.9	8150.8	7518.9	6977.2	6267.9	5677.8	5020.1	4520.4	3946.4	3246.8
-7.5°	8963.3	8450.7	8018.6	7457.6	6841.8	6171.2	5552.1	4920.2	4388.2	3830.4	3172.6
-10°	8737.6	8247.5	7876.8	7325.4	6677.4	6032.5	5400.6	4788.0	4233.4	3672.4	3056.6
-12.5°	8415.2	7925.1	7557.6	7044.9	6471.0	5845.5	5220.0	4617.1	4056.1	3504.7	2917.9
-15°	8050.9	7554.3	7186.8	6719.3	6164.7	5555.3	4991.1	4401.1	3852.9	3327.4	2753.5
-17.5°	7638.2	7167.4	6812.8	6358.2	5806.8	5226.5	4665.4	4130.2	3617.6	3143.6	2563.3
-20°	7161.0	6703.1	6377.5	5922.9	5416.7	4852.4	4307.6	3801.4	3340.3	2895.3	2353.7

REPORT NUMBER: P722644

CATALOG NUMBER: IFLD-M-SA4D-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°	6571.0	6167.9	5797.1	5390.9	4949.2	4433.3	3927.1	3478.9	3037.2	2601.9	2137.7
-25°	5968.0	5577.9	5216.8	4846.0	4423.6	3978.7	3546.6	3140.4	2708.3	2315.0	1928.1
-27.5°	5297.4	4949.2	4626.8	4285.0	3898.1	3514.4	3159.7	2763.2	2389.1	2053.8	1721.7
-30°	4581.6	4297.9	4017.4	3714.3	3401.5	3079.1	2763.2	2389.1	2095.7	1828.1	1547.6
-32.5°	3894.9	3640.1	3414.4	3188.8	2917.9	2653.5	2373.0	2095.7	1850.7	1615.3	1380.0
-35°	3291.9	3021.1	2895.3	2714.8	2498.8	2260.2	2031.3	1837.8	1641.1	1428.3	1218.8
-37.5°	2769.6	2595.5	2447.2	2311.8	2140.9	1934.5	1770.1	1612.1	1447.7	1254.2	1073.7
-40°	2360.1	2234.4	2086.1	1986.1	1847.5	1699.2	1534.7	1402.5	1263.9	1105.9	957.6
-42.5°	2031.3	1928.1	1831.4	1725.0	1621.8	1496.0	1354.2	1228.4	1102.7	986.6	864.1
-45°	1760.4	1686.3	1608.9	1521.8	1431.6	1321.9	1205.9	1076.9	986.6	883.4	780.3
-47.5°	1538.0	1483.1	1418.7	1350.9	1273.6	1176.8	1070.4	976.9	883.4	796.4	696.4
-50°	1360.6	1309.0	1257.4	1199.4	1131.7	1047.9	967.3	880.2	793.2	709.3	615.8
-52.5°	1212.3	1167.2	1125.3	1076.9	1012.4	941.5	867.3	789.9	709.3	625.5	551.3
-55°	1109.1	1057.5	1015.6	967.3	909.2	841.5	773.8	702.9	625.5	561.0	499.8
-57.5°	1025.3	967.3	918.9	867.3	809.3	751.2	690.0	625.5	567.5	506.2	448.2
-60°	954.4	886.7	831.8	780.3	725.4	670.6	619.0	564.2	509.4	454.6	396.6
-62.5°	880.2	809.3	741.6	693.2	651.3	602.9	557.8	506.2	457.8	403.0	361.1
-65°	796.4	728.7	664.2	622.3	583.6	541.7	499.8	454.6	412.7	370.8	332.1
-67.5°	702.9	644.8	599.7	561.0	522.3	486.9	448.2	409.5	374.0	332.1	293.4
-70°	590.0	557.8	532.0	503.0	467.5	435.3	399.8	364.3	325.6	290.2	254.7
-72.5°	503.0	483.6	464.3	435.3	403.0	374.0	345.0	312.7	280.5	248.3	219.2
-75°	412.7	396.6	380.5	361.1	335.3	312.7	287.0	257.9	232.1	209.6	187.0
-77.5°	332.1	319.2	309.5	293.4	274.1	254.7	238.6	219.2	199.9	177.3	154.8
-80°	264.4	257.9	254.7	248.3	232.1	216.0	203.1	187.0	167.7	151.5	135.4
-82.5°	206.3	206.3	203.1	199.9	187.0	174.1	164.4	151.5	138.6	125.7	109.6
-85°	151.5	148.3	148.3	145.1	135.4	129.0	119.3	112.8	103.2	90.3	83.8
-87.5°	90.3	87.1	83.8	80.6	74.2	70.9	64.5	61.3	54.8	48.4	45.1
-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-M-SA4D-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°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	0.0	0.0
85°	9.7	6.4	6.4	6.4	6.4	6.4	3.2	3.2	3.2	3.2	3.2
82.5°	19.3	19.3	16.1	16.1	12.9	9.7	6.4	6.4	6.4	3.2	3.2
80°	29.0	29.0	29.0	25.8	22.6	16.1	12.9	9.7	6.4	3.2	3.2
77.5°	35.5	32.2	32.2	29.0	29.0	25.8	19.3	16.1	9.7	6.4	3.2
75°	35.5	35.5	35.5	32.2	32.2	29.0	25.8	19.3	16.1	9.7	6.4
72.5°	38.7	35.5	35.5	35.5	32.2	29.0	25.8	22.6	19.3	12.9	6.4
70°	35.5	35.5	35.5	35.5	32.2	32.2	25.8	22.6	22.6	12.9	9.7
67.5°	35.5	35.5	35.5	32.2	32.2	29.0	25.8	22.6	22.6	16.1	9.7
65°	38.7	35.5	35.5	35.5	32.2	29.0	25.8	22.6	22.6	19.3	12.9
62.5°	41.9	38.7	38.7	35.5	32.2	29.0	25.8	22.6	22.6	19.3	12.9
60°	45.1	41.9	38.7	38.7	35.5	32.2	25.8	25.8	22.6	19.3	12.9
57.5°	48.4	45.1	45.1	41.9	38.7	35.5	29.0	25.8	22.6	19.3	16.1
55°	58.0	51.6	48.4	48.4	45.1	38.7	32.2	25.8	22.6	19.3	16.1
52.5°	77.4	61.3	54.8	54.8	51.6	45.1	35.5	29.0	22.6	19.3	16.1
50°	122.5	77.4	64.5	58.0	58.0	51.6	41.9	32.2	22.6	19.3	16.1
47.5°	193.5	129.0	77.4	67.7	64.5	61.3	48.4	32.2	25.8	19.3	16.1
45°	319.2	190.2	125.7	80.6	67.7	64.5	54.8	35.5	25.8	22.6	16.1
42.5°	438.5	296.6	193.5	96.7	80.6	70.9	58.0	38.7	29.0	22.6	16.1
40°	690.0	406.3	270.8	158.0	93.5	74.2	64.5	45.1	29.0	22.6	16.1
37.5°	935.0	538.4	364.3	232.1	106.4	83.8	67.7	48.4	32.2	22.6	19.3
35°	1180.1	754.5	451.4	309.5	141.9	100.0	70.9	51.6	32.2	22.6	19.3
32.5°	1399.3	957.6	541.7	386.9	212.8	119.3	77.4	54.8	35.5	25.8	19.3
30°	1579.9	1144.6	702.9	454.6	277.3	145.1	83.8	54.8	38.7	25.8	19.3
27.5°	1715.3	1289.7	867.3	525.5	332.1	170.9	96.7	61.3	38.7	25.8	19.3
25°	1824.9	1402.5	1012.4	599.7	380.5	212.8	116.1	64.5	41.9	29.0	19.3
22.5°	1912.0	1496.0	1131.7	699.7	438.5	254.7	141.9	70.9	41.9	29.0	19.3
20°	2031.3	1589.5	1212.3	806.1	499.8	293.4	164.4	77.4	41.9	29.0	22.6
17.5°	2134.4	1683.0	1276.8	896.3	561.0	322.4	190.2	83.8	45.1	29.0	22.6
15°	2253.7	1773.3	1334.8	967.3	619.0	348.2	212.8	90.3	45.1	32.2	22.6
12.5°	2382.7	1857.1	1376.7	1025.3	680.3	370.8	232.1	103.2	48.4	32.2	22.6
10°	2514.9	1928.1	1412.2	1067.2	725.4	393.4	245.0	116.1	51.6	32.2	22.6
7.5°	2647.1	1992.6	1457.3	1086.6	744.8	419.1	251.5	129.0	51.6	35.5	22.6
5°	2737.4	2034.5	1521.8	1099.5	754.5	448.2	261.2	145.1	54.8	35.5	22.6
2.5°	2814.7	2060.3	1589.5	1109.1	757.7	464.3	257.9	154.8	58.0	35.5	22.6
0°	2850.2	2060.3	1634.7	1102.7	748.0	480.4	257.9	164.4	58.0	35.5	22.6
-2.5°	2795.4	2118.3	1621.8	1105.9	751.2	480.4	270.8	167.7	64.5	38.7	22.6
-5°	2708.3	2140.9	1583.1	1089.8	744.8	480.4	287.0	170.9	67.7	38.7	25.8
-7.5°	2624.5	2150.6	1538.0	1073.7	735.1	467.5	290.2	167.7	74.2	41.9	25.8
-10°	2514.9	2044.2	1479.9	1044.6	715.8	457.8	296.6	167.7	77.4	41.9	25.8
-12.5°	2389.1	1915.2	1409.0	1002.7	693.2	448.2	299.9	167.7	80.6	45.1	25.8
-15°	2244.1	1783.0	1328.4	957.6	661.0	435.3	293.4	164.4	83.8	45.1	29.0
-17.5°	2079.6	1654.0	1244.5	902.8	625.5	419.1	280.5	161.2	83.8	45.1	29.0
-20°	1892.6	1525.1	1151.0	848.0	583.6	399.8	267.6	154.8	83.8	45.1	29.0

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CATALOG NUMBER: IFLD-M-SA4D-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°	1725.0	1405.8	1054.3	786.7	538.4	377.2	251.5	148.3	83.8	48.4	29.0
-25°	1586.3	1289.7	980.2	725.4	490.1	351.4	235.4	141.9	83.8	48.4	29.0
-27.5°	1441.2	1163.9	902.8	667.4	457.8	328.9	219.2	135.4	80.6	48.4	29.0
-30°	1292.9	1041.4	822.2	602.9	425.6	306.3	206.3	125.7	80.6	48.4	29.0
-32.5°	1157.5	941.5	748.0	538.4	390.1	283.7	193.5	122.5	77.4	48.4	29.0
-35°	1025.3	851.2	670.6	486.9	351.4	261.2	180.6	119.3	77.4	48.4	29.0
-37.5°	915.7	767.4	599.7	451.4	328.9	241.8	167.7	112.8	74.2	48.4	29.0
-40°	825.4	690.0	532.0	412.7	309.5	222.5	154.8	109.6	74.2	48.4	29.0
-42.5°	741.6	615.8	490.1	380.5	290.2	209.6	145.1	106.4	70.9	48.4	29.0
-45°	667.4	551.3	448.2	351.4	267.6	193.5	138.6	100.0	67.7	48.4	32.2
-47.5°	593.3	506.2	409.5	325.6	245.0	174.1	132.2	96.7	64.5	45.1	32.2
-50°	535.2	457.8	377.2	296.6	222.5	167.7	125.7	90.3	64.5	45.1	32.2
-52.5°	483.6	412.7	341.8	267.6	203.1	158.0	119.3	83.8	61.3	45.1	32.2
-55°	435.3	370.8	306.3	238.6	190.2	148.3	109.6	77.4	61.3	45.1	32.2
-57.5°	386.9	332.1	270.8	216.0	174.1	138.6	103.2	77.4	61.3	45.1	32.2
-60°	348.2	296.6	245.0	199.9	161.2	125.7	93.5	74.2	58.0	45.1	32.2
-62.5°	316.0	267.6	222.5	180.6	148.3	112.8	90.3	74.2	58.0	45.1	29.0
-65°	283.7	241.8	199.9	164.4	132.2	106.4	87.1	70.9	58.0	45.1	29.0
-67.5°	251.5	212.8	180.6	145.1	122.5	103.2	83.8	70.9	54.8	41.9	29.0
-70°	219.2	187.0	158.0	135.4	116.1	96.7	80.6	67.7	54.8	38.7	25.8
-72.5°	193.5	164.4	141.9	125.7	109.6	93.5	77.4	64.5	51.6	35.5	22.6
-75°	164.4	145.1	129.0	112.8	100.0	87.1	74.2	58.0	45.1	32.2	22.6
-77.5°	138.6	125.7	112.8	103.2	90.3	77.4	64.5	51.6	41.9	29.0	19.3
-80°	119.3	109.6	100.0	90.3	80.6	67.7	58.0	45.1	35.5	25.8	16.1
-82.5°	96.7	90.3	80.6	74.2	67.7	58.0	48.4	38.7	25.8	19.3	12.9
-85°	74.2	67.7	64.5	58.0	51.6	41.9	32.2	25.8	19.3	12.9	6.4
-87.5°	38.7	35.5	32.2	29.0	25.8	19.3	16.1	12.9	9.7	6.4	3.2
-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: P722644

CATALOG NUMBER: IFLD-M-SA4D-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°	3.2	0.0	0.0	0.0
77.5°	3.2	0.0	0.0	0.0
75°	3.2	3.2	0.0	0.0
72.5°	3.2	3.2	0.0	0.0
70°	3.2	3.2	0.0	0.0
67.5°	6.4	3.2	0.0	0.0
65°	6.4	3.2	0.0	0.0
62.5°	6.4	3.2	0.0	0.0
60°	6.4	3.2	0.0	0.0
57.5°	9.7	3.2	3.2	0.0
55°	9.7	3.2	3.2	0.0
52.5°	9.7	3.2	3.2	0.0
50°	9.7	6.4	3.2	0.0
47.5°	9.7	6.4	3.2	0.0
45°	9.7	6.4	3.2	0.0
42.5°	9.7	6.4	3.2	0.0
40°	12.9	6.4	3.2	0.0
37.5°	12.9	6.4	3.2	0.0
35°	12.9	6.4	3.2	0.0
32.5°	12.9	6.4	3.2	0.0
30°	12.9	6.4	3.2	0.0
27.5°	12.9	9.7	3.2	0.0
25°	12.9	9.7	3.2	0.0
22.5°	16.1	9.7	3.2	0.0
20°	16.1	9.7	3.2	0.0
17.5°	16.1	9.7	3.2	0.0
15°	16.1	9.7	3.2	0.0
12.5°	16.1	9.7	3.2	0.0
10°	16.1	9.7	3.2	0.0
7.5°	16.1	9.7	3.2	0.0
5°	16.1	9.7	3.2	0.0
2.5°	16.1	9.7	3.2	0.0
0°	16.1	9.7	3.2	0.0
-2.5°	16.1	9.7	3.2	0.0
-5°	16.1	9.7	3.2	0.0
-7.5°	16.1	9.7	3.2	0.0
-10°	16.1	9.7	3.2	0.0
-12.5°	19.3	9.7	3.2	0.0
-15°	19.3	9.7	3.2	0.0
-17.5°	19.3	9.7	3.2	0.0
-20°	19.3	9.7	3.2	0.0

REPORT NUMBER: P722644

CATALOG NUMBER: IFLD-M-SA4D-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	19.3	9.7	3.2	0.0
-25°	19.3	9.7	3.2	0.0
-27.5°	19.3	9.7	3.2	0.0
-30°	19.3	9.7	3.2	0.0
-32.5°	19.3	9.7	3.2	0.0
-35°	19.3	9.7	3.2	0.0
-37.5°	19.3	9.7	3.2	0.0
-40°	19.3	9.7	3.2	0.0
-42.5°	16.1	9.7	3.2	0.0
-45°	19.3	9.7	3.2	0.0
-47.5°	19.3	9.7	3.2	0.0
-50°	19.3	9.7	3.2	0.0
-52.5°	19.3	9.7	3.2	0.0
-55°	19.3	9.7	3.2	0.0
-57.5°	19.3	9.7	3.2	0.0
-60°	19.3	9.7	3.2	0.0
-62.5°	16.1	9.7	3.2	0.0
-65°	16.1	6.4	3.2	0.0
-67.5°	16.1	6.4	3.2	0.0
-70°	16.1	6.4	3.2	0.0
-72.5°	12.9	6.4	3.2	0.0
-75°	12.9	6.4	3.2	0.0
-77.5°	9.7	3.2	0.0	0.0
-80°	9.7	3.2	0.0	0.0
-82.5°	6.4	3.2	0.0	0.0
-85°	3.2	3.2	0.0	0.0
-87.5°	3.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)