

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: P722646

Luminaire Tested: **IFLD-L-SA7A-927-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722646
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-927-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	20262.8 lumens	Max Intensity:	14145.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	93.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' 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:	12926.8 lumens	Field Lumens:	19103.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

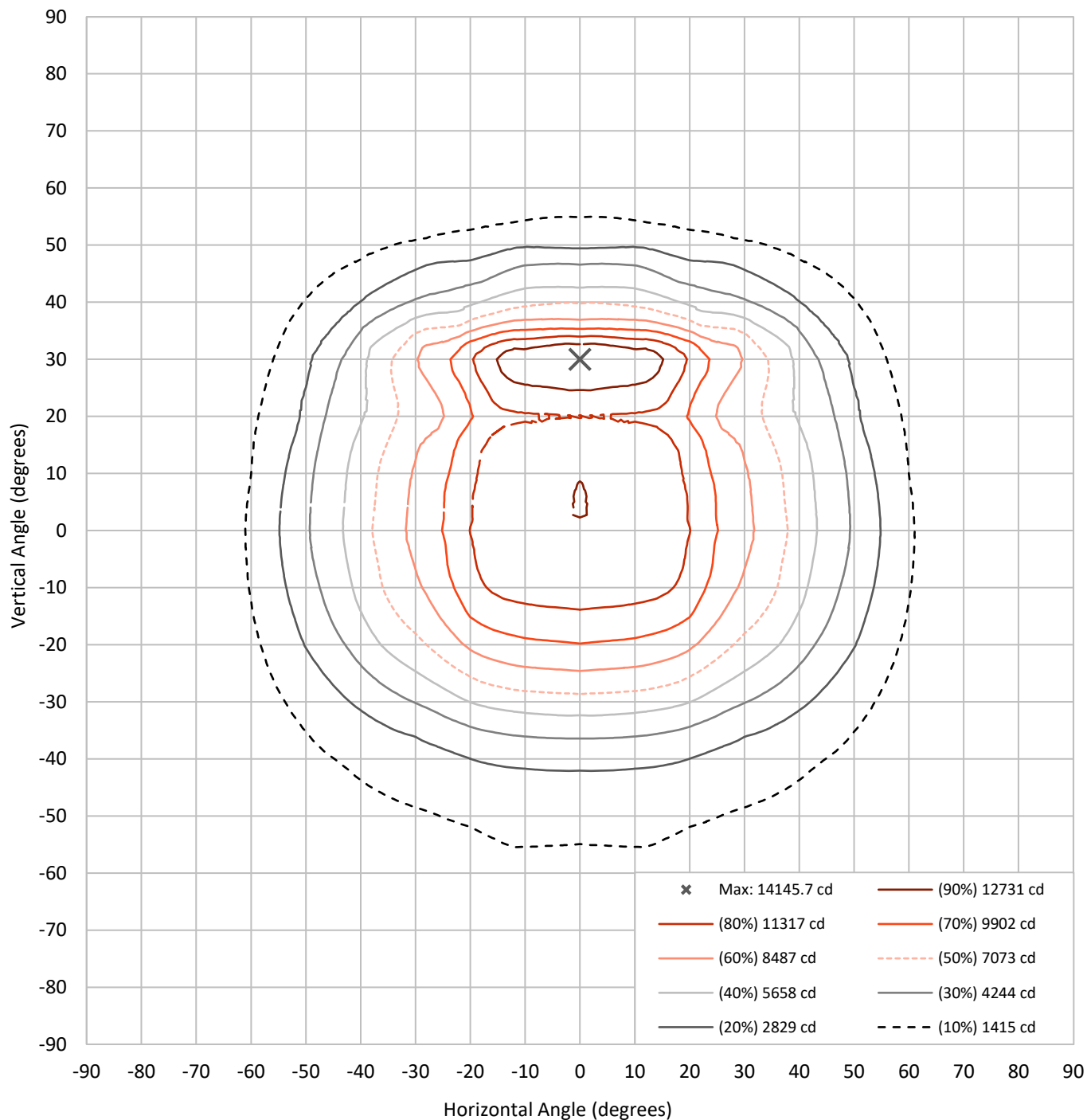
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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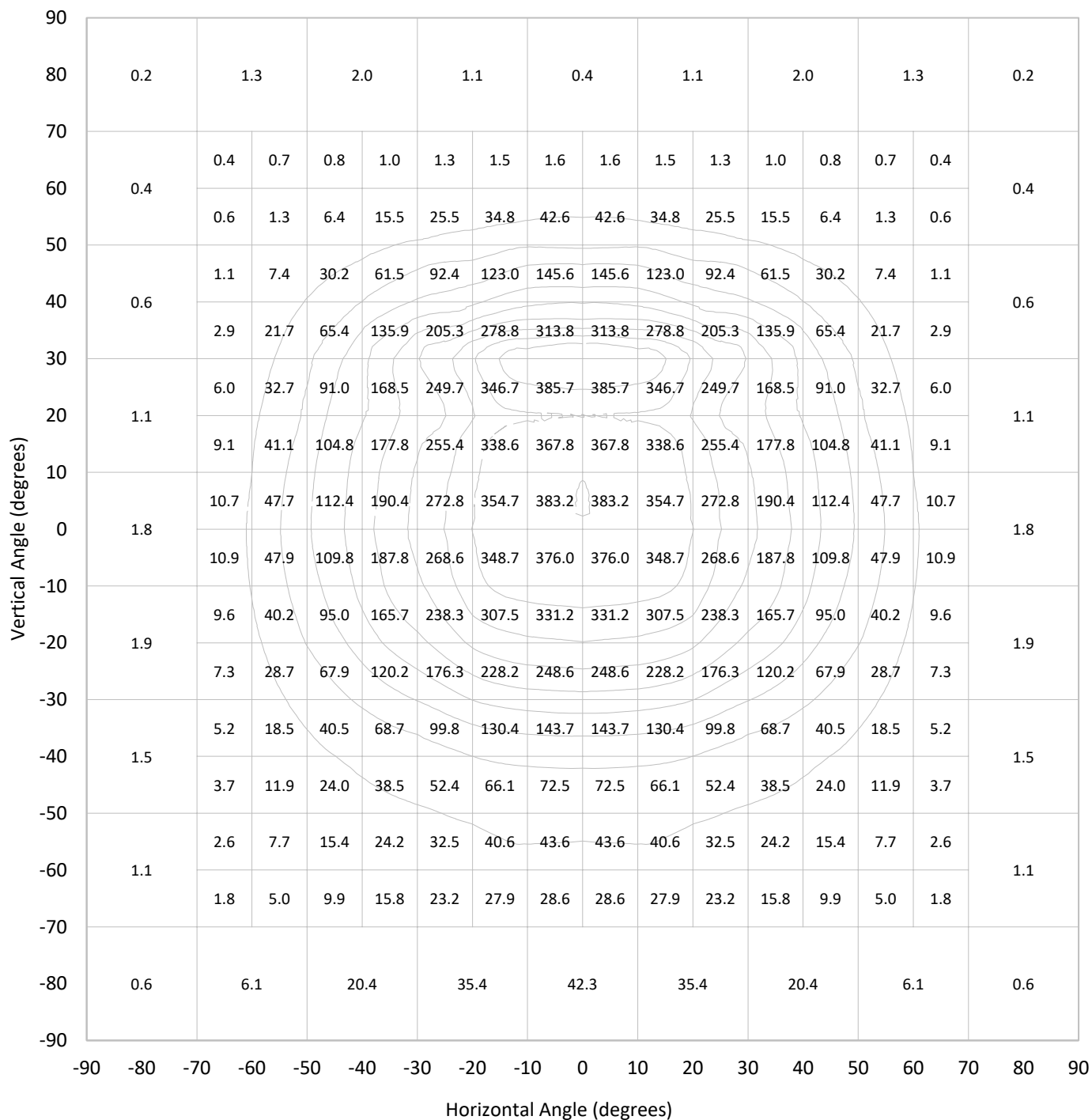
Iso-Candela Plot



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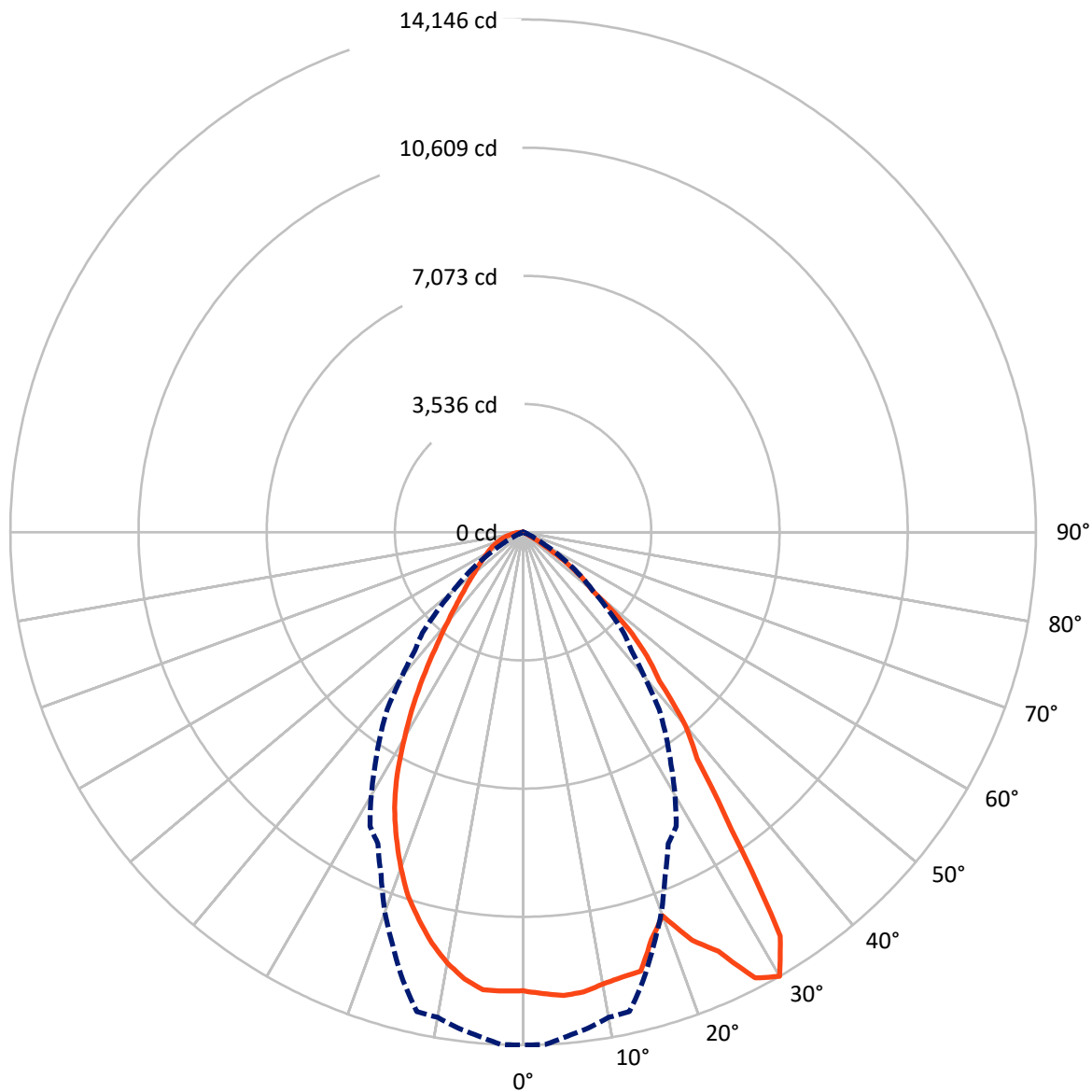
Lumen Table



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Luminous Intensity Polar Plot



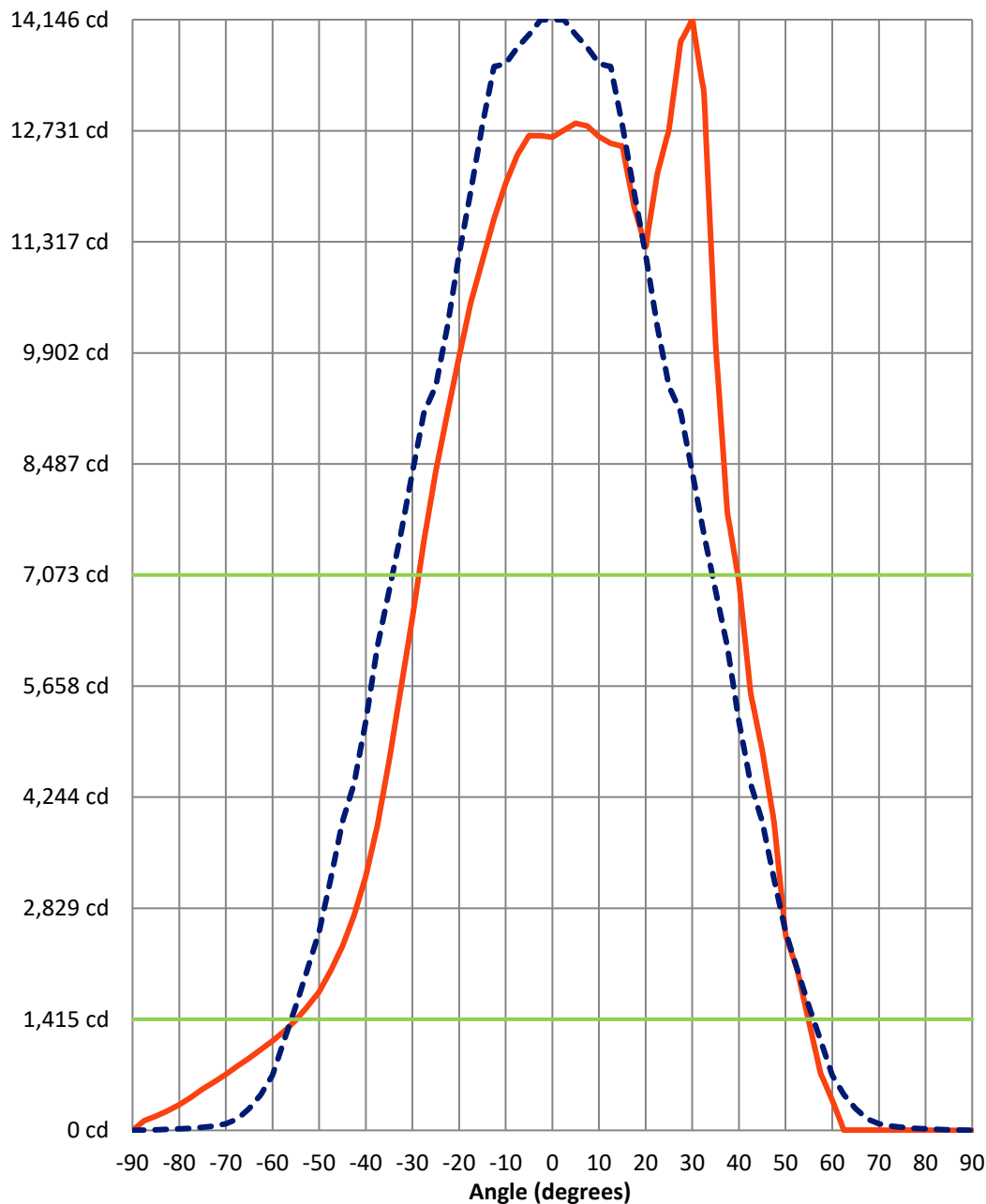
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 12926.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 19103.3

Efficiency: 94.3%

Spill:

Lumens: 1159.5

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	6.5	6.5	6.5	6.5	6.5	6.5	9.7
82.5°	0.0	3.2	3.2	3.2	6.5	6.5	6.5	6.5	9.7	9.7	12.9
80°	3.2	3.2	3.2	3.2	6.5	6.5	6.5	9.7	9.7	12.9	12.9
77.5°	3.2	3.2	3.2	6.5	6.5	6.5	9.7	9.7	12.9	12.9	16.1
75°	3.2	3.2	3.2	6.5	6.5	9.7	9.7	9.7	12.9	12.9	16.1
72.5°	0.0	3.2	3.2	6.5	6.5	9.7	9.7	9.7	12.9	12.9	12.9
70°	3.2	3.2	3.2	6.5	6.5	9.7	9.7	9.7	12.9	12.9	12.9
67.5°	3.2	3.2	3.2	6.5	6.5	9.7	9.7	12.9	12.9	12.9	16.1
65°	3.2	3.2	3.2	6.5	9.7	9.7	12.9	16.1	16.1	19.4	22.6
62.5°	3.2	6.5	6.5	9.7	12.9	16.1	35.5	54.8	54.8	38.7	32.3
60°	383.9	416.1	412.9	374.2	325.8	274.2	264.5	254.8	235.5	206.5	216.1
57.5°	729.1	767.8	783.9	774.2	748.4	703.3	677.4	648.4	609.7	564.5	512.9
55°	1380.7	1396.8	1361.3	1293.6	1219.4	1145.2	1119.4	1080.7	1022.6	964.6	887.1
52.5°	2042.0	2096.9	2080.7	2013.0	1913.0	1780.7	1635.5	1522.6	1454.9	1390.4	1313.0
50°	2493.6	2516.2	2561.4	2642.0	2671.1	2580.7	2345.2	2042.0	1825.9	1935.6	1851.7
47.5°	3935.6	4048.5	4026.0	3967.9	3871.1	3625.9	3296.9	3025.9	2800.1	2725.9	2738.8
45°	4835.7	4880.8	4864.7	4838.9	4793.7	4564.7	4200.2	3784.0	3574.3	3490.5	3403.4
42.5°	5574.4	5622.8	5632.5	5635.7	5587.3	5377.6	5048.6	4632.4	4422.7	4180.8	3990.5
40°	6984.1	7055.1	6974.5	6868.0	6706.7	6468.0	6145.4	5761.5	5390.5	5093.7	4867.9
37.5°	7884.2	7971.3	8003.5	7997.1	7961.6	7858.4	7461.6	7097.0	6529.3	5864.7	5984.1
35°	10019.7	10110.1	10084.2	9987.5	9935.9	9826.2	9439.1	9006.8	8293.9	7571.3	7377.7
32.5°	13203.7	13400.5	13032.7	12629.5	12381.1	12468.2	12074.6	11016.5	10687.5	9384.2	8781.0
30°	14145.7	14142.5	13955.4	13790.8	13587.6	13545.7	12803.7	11958.5	11152.0	10239.1	9477.8
27.5°	13858.6	13800.5	13642.4	13523.1	13332.8	13232.8	12506.9	11835.9	10903.6	10087.5	9352.0
25°	12752.1	12797.3	12636.0	12613.4	12539.2	12345.6	11984.3	11229.5	10397.2	9493.9	8964.9
22.5°	12181.1	12165.0	11971.4	11858.5	11948.8	11742.4	11597.2	10835.9	9968.1	9206.8	8571.3
20°	11252.0	11255.3	11206.9	11197.2	11142.4	11048.8	10932.7	10393.9	9781.0	9129.4	8364.8
17.5°	11771.4	11903.7	11961.7	11481.1	11616.6	11510.1	11387.5	10635.9	10174.6	9597.1	8600.3
15°	12532.7	12484.3	12426.3	12400.5	12326.3	12226.3	12003.7	11403.7	10610.1	10013.3	9235.8
12.5°	12571.4	12477.9	12455.3	12452.1	12374.7	12235.9	12019.8	11523.0	10819.8	10093.9	9461.6
10°	12655.3	12558.5	12545.6	12561.8	12442.4	12355.3	12139.2	11677.9	10884.3	10232.6	9635.8
7.5°	12790.8	12629.5	12703.7	12655.3	12600.5	12461.8	12229.5	11777.9	11119.8	10416.5	9790.7
5°	12826.3	12648.9	12729.5	12684.3	12603.7	12468.2	12216.6	11842.4	11264.9	10490.7	9852.0
2.5°	12739.2	12687.6	12652.1	12568.2	12532.7	12384.3	12145.6	11745.6	11197.2	10458.5	9839.1
0°	12648.9	12694.0	12613.4	12529.5	12513.4	12394.0	12190.8	11829.5	11355.3	10548.8	9948.8
-2.5°	12668.2	12632.7	12577.9	12490.8	12406.9	12235.9	12052.1	11713.3	11203.6	10352.0	9793.9
-5°	12668.2	12503.7	12510.1	12513.4	12429.5	12252.1	12029.5	11742.4	11113.3	10348.8	9748.8
-7.5°	12423.0	12281.1	12258.5	12239.2	12216.6	12052.1	11877.9	11519.8	10961.7	10264.9	9622.9
-10°	12061.7	11923.0	11935.9	11906.9	11835.9	11726.2	11594.0	11271.4	10813.3	10000.4	9368.1
-12.5°	11610.1	11548.8	11513.3	11464.9	11394.0	11297.2	11161.7	10858.5	10368.1	9674.6	9074.5
-15°	11074.6	11029.4	10997.2	10968.2	10864.9	10764.9	10587.5	10306.8	10000.4	9255.2	8642.3
-17.5°	10539.1	10426.2	10381.0	10342.3	10274.6	10113.3	9952.0	9742.3	9313.3	8722.9	8197.1
-20°	9852.0	9784.2	9729.4	9677.8	9581.0	9455.2	9322.9	9081.0	8710.0	8232.6	7687.4

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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°	9132.6	9093.9	9048.7	8984.2	8919.7	8800.3	8616.5	8384.2	8093.9	7577.7	7068.0
-25°	8390.6	8316.4	8261.6	8200.3	8148.7	8039.0	7861.6	7639.0	7274.5	6829.3	6403.5
-27.5°	7516.4	7445.4	7416.4	7345.4	7300.3	7200.3	7022.8	6816.4	6487.3	6113.1	5680.9
-30°	6529.3	6542.2	6509.9	6442.2	6387.3	6258.3	6122.8	5948.6	5690.5	5332.5	4945.3
-32.5°	5616.3	5632.5	5593.8	5522.8	5451.8	5358.3	5232.5	5074.4	4880.8	4538.9	4203.4
-35°	4703.4	4697.0	4664.7	4622.8	4574.4	4496.9	4355.0	4235.6	4013.1	3774.3	3542.1
-37.5°	3884.0	3900.1	3890.5	3867.9	3813.0	3748.5	3632.4	3522.7	3358.2	3148.5	2967.9
-40°	3235.6	3255.0	3242.1	3219.5	3171.1	3132.4	3055.0	2958.2	2825.9	2645.3	2493.6
-42.5°	2738.8	2751.7	2735.6	2716.2	2674.3	2645.3	2584.0	2503.3	2393.6	2254.9	2119.4
-45°	2345.2	2348.5	2332.3	2319.4	2287.2	2251.7	2200.1	2135.6	2048.5	1951.7	1842.0
-47.5°	2035.6	2032.3	2016.2	2003.3	1977.5	1945.2	1903.3	1845.2	1777.5	1703.3	1616.2
-50°	1764.6	1780.7	1774.3	1761.4	1742.0	1719.4	1677.5	1616.2	1548.4	1493.6	1432.3
-52.5°	1577.5	1580.7	1577.5	1577.5	1574.3	1558.1	1509.7	1448.4	1374.2	1325.9	1274.2
-55°	1403.3	1419.4	1425.9	1432.3	1435.5	1435.5	1377.5	1313.0	1242.0	1193.6	1154.9
-57.5°	1261.3	1271.0	1277.5	1293.6	1306.5	1316.2	1264.6	1206.5	1151.7	1106.5	1071.0
-60°	1138.8	1151.7	1161.3	1177.5	1187.1	1193.6	1161.3	1122.6	1090.4	1061.3	1009.7
-62.5°	1029.1	1038.7	1048.4	1058.1	1067.8	1074.2	1061.3	1042.0	1025.8	1012.9	948.4
-65°	919.4	929.1	938.7	951.6	961.3	967.8	964.6	951.6	938.7	925.8	867.8
-67.5°	819.4	829.1	842.0	845.2	851.6	854.9	848.4	838.7	822.6	806.5	761.3
-70°	712.9	719.4	725.8	725.8	725.8	722.6	716.2	703.3	687.1	664.5	629.1
-72.5°	616.2	622.6	629.1	619.4	612.9	603.2	593.6	577.4	561.3	545.2	525.8
-75°	525.8	529.1	529.1	516.1	506.5	496.8	483.9	474.2	458.1	445.2	429.0
-77.5°	419.4	419.4	419.4	409.7	403.2	396.8	387.1	377.4	364.5	354.9	341.9
-80°	325.8	325.8	325.8	322.6	312.9	306.5	300.0	293.6	283.9	277.4	271.0
-82.5°	248.4	248.4	248.4	245.2	238.7	235.5	229.0	222.6	219.4	212.9	209.7
-85°	180.7	183.9	183.9	180.7	177.4	171.0	167.7	164.5	161.3	158.1	151.6
-87.5°	122.6	122.6	122.6	119.4	116.1	116.1	112.9	106.5	100.0	96.8	93.6
-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°	3.2	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	19.4	19.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6
80°	16.1	19.4	22.6	25.8	29.0	32.3	32.3	32.3	32.3	29.0	29.0
77.5°	19.4	19.4	22.6	25.8	29.0	32.3	35.5	38.7	35.5	35.5	35.5
75°	19.4	22.6	22.6	25.8	29.0	32.3	35.5	38.7	38.7	38.7	38.7
72.5°	16.1	19.4	22.6	25.8	25.8	29.0	32.3	32.3	35.5	35.5	38.7
70°	16.1	19.4	22.6	22.6	25.8	25.8	29.0	32.3	32.3	35.5	35.5
67.5°	19.4	22.6	22.6	25.8	29.0	29.0	29.0	32.3	32.3	35.5	35.5
65°	22.6	25.8	25.8	29.0	32.3	32.3	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°	200.0	145.2	100.0	125.8	112.9	51.6	51.6	51.6	48.4	48.4	45.2
57.5°	471.0	438.7	377.4	319.4	287.1	254.8	158.1	64.5	64.5	58.1	51.6
55°	787.1	680.7	635.5	558.1	474.2	435.5	361.3	245.2	116.1	77.4	67.7
52.5°	1219.4	1119.4	1003.3	845.2	732.3	642.0	580.7	461.3	309.7	164.5	103.2
50°	1632.3	1587.2	1516.2	1361.3	1125.8	974.2	874.2	738.7	554.9	338.7	193.6
47.5°	2629.1	2251.7	2022.7	1903.3	1706.5	1419.4	1225.9	1074.2	851.6	571.0	341.9
45°	3309.8	3071.1	2706.6	2454.9	2164.6	1861.4	1609.7	1435.5	1171.0	854.9	535.5
42.5°	3893.7	3687.2	3358.2	2990.4	2684.0	2287.2	1964.6	1735.5	1513.0	1167.8	800.0
40°	4645.3	4400.2	4084.0	3725.9	3367.9	2861.4	2338.8	2061.4	1816.2	1509.7	1080.7
37.5°	5884.1	5451.8	4935.7	4538.9	4071.1	3642.1	2925.9	2435.6	2145.2	1825.9	1409.7
35°	7374.5	6900.3	6038.9	5513.1	4887.3	4248.5	3603.4	2877.5	2464.6	2125.9	1713.0
32.5°	8761.6	8068.0	6964.8	6348.6	5932.5	4755.0	4087.3	3458.2	2793.7	2377.5	1887.2
30°	9145.5	8381.0	7590.6	6871.2	6161.5	5209.9	4419.5	3929.2	3206.6	2529.1	2051.7
27.5°	8758.4	8232.6	7619.6	6951.9	6184.1	5367.9	4622.8	4155.0	3509.8	2632.4	2180.7
25°	8364.8	7816.4	7387.4	6829.3	6119.6	5358.3	4629.2	4296.9	3745.3	2832.4	2251.7
22.5°	7948.7	7606.7	7251.9	6629.3	5958.3	5387.3	4838.9	4419.5	3867.9	3058.2	2280.7
20°	7971.3	7748.7	7358.3	6526.1	5929.3	5558.3	5090.5	4574.4	4000.2	3255.0	2303.3
17.5°	8332.6	8042.2	7551.9	6829.3	6190.6	5732.5	5300.2	4787.3	4135.6	3429.2	2577.5
15°	8777.7	8335.8	7822.9	7187.4	6464.8	5922.8	5461.5	4935.7	4290.5	3590.5	2822.7
12.5°	9100.3	8471.3	7990.6	7416.4	6761.5	6129.3	5568.0	5048.6	4435.7	3722.7	3006.6
10°	9210.0	8639.0	8071.3	7558.3	6913.2	6238.9	5648.6	5119.5	4561.5	3826.0	3142.1
7.5°	9268.1	8784.2	8126.1	7622.9	7003.5	6306.7	5713.1	5158.3	4661.5	3896.9	3229.2
5°	9261.6	8861.6	8168.0	7642.2	7051.9	6335.7	5758.3	5167.9	4732.4	3958.2	3280.8
2.5°	9232.6	8913.2	8235.8	7674.5	7148.7	6390.6	5845.4	5187.3	4758.2	4026.0	3316.3
0°	9339.1	8916.5	8306.8	7684.2	7213.2	6409.9	5884.1	5171.2	4722.8	4045.3	3313.0
-2.5°	9110.0	8726.1	8290.6	7600.3	7126.1	6364.8	5813.1	5119.5	4645.3	4022.7	3300.1
-5°	9071.3	8587.4	8155.1	7522.9	6980.9	6271.2	5680.9	5022.8	4522.8	3948.5	3248.5
-7.5°	8968.1	8455.2	8022.9	7461.6	6845.4	6174.4	5555.0	4922.8	4390.5	3832.4	3174.3
-10°	8742.3	8251.9	7880.9	7329.3	6680.9	6035.7	5403.4	4790.5	4235.6	3674.3	3058.2
-12.5°	8419.7	7929.3	7561.6	7048.7	6474.4	5848.6	5222.8	4619.5	4058.2	3506.6	2919.5
-15°	8055.1	7558.3	7190.6	6722.8	6168.0	5558.3	4993.7	4403.4	3855.0	3329.2	2754.9
-17.5°	7642.2	7171.2	6816.4	6361.5	5809.9	5229.2	4667.9	4132.4	3619.5	3145.3	2564.6
-20°	7164.8	6706.7	6380.9	5926.0	5419.6	4855.0	4309.8	3803.4	3342.1	2896.9	2354.9

REPORT NUMBER: P722646

CATALOG NUMBER: IFLD-L-SA7A-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°	6574.4	6171.2	5800.2	5393.8	4951.8	4435.7	3929.2	3480.8	3038.8	2603.3	2138.8
-25°	5971.2	5580.9	5219.6	4848.6	4426.0	3980.8	3548.5	3142.1	2709.8	2316.2	1929.1
-27.5°	5300.2	4951.8	4629.2	4287.3	3900.1	3516.3	3161.4	2764.6	2390.4	2054.9	1722.6
-30°	4584.0	4300.2	4019.5	3716.3	3403.4	3080.8	2764.6	2390.4	2096.9	1829.1	1548.4
-32.5°	3896.9	3642.1	3416.3	3190.4	2919.5	2654.9	2374.3	2096.9	1851.7	1616.2	1380.7
-35°	3293.7	3022.7	2896.9	2716.2	2500.1	2261.4	2032.3	1838.8	1642.0	1429.1	1219.4
-37.5°	2771.1	2596.9	2448.5	2313.0	2142.0	1935.6	1771.0	1613.0	1448.4	1254.9	1074.2
-40°	2361.4	2235.6	2087.2	1987.2	1848.5	1700.1	1535.5	1403.3	1264.6	1106.5	958.1
-42.5°	2032.3	1929.1	1832.3	1725.9	1622.6	1496.8	1354.9	1229.1	1103.3	987.1	864.5
-45°	1761.4	1687.2	1609.7	1522.6	1432.3	1322.6	1206.5	1077.5	987.1	883.9	780.7
-47.5°	1538.8	1483.9	1419.4	1351.7	1274.2	1177.5	1071.0	977.5	883.9	796.8	696.8
-50°	1361.3	1309.7	1258.1	1200.0	1132.3	1048.4	967.8	880.7	793.6	709.7	616.2
-52.5°	1212.9	1167.8	1125.8	1077.5	1012.9	942.0	867.8	790.4	709.7	625.8	551.6
-55°	1109.7	1058.1	1016.2	967.8	909.7	842.0	774.2	703.3	625.8	561.3	500.0
-57.5°	1025.8	967.8	919.4	867.8	809.7	751.6	690.3	625.8	567.8	506.5	448.4
-60°	954.9	887.1	832.3	780.7	725.8	671.0	619.4	564.5	509.7	454.9	396.8
-62.5°	880.7	809.7	742.0	693.6	651.6	603.2	558.1	506.5	458.1	403.2	361.3
-65°	796.8	729.1	664.5	622.6	583.9	542.0	500.0	454.9	412.9	371.0	332.3
-67.5°	703.3	645.2	600.0	561.3	522.6	487.1	448.4	409.7	374.2	332.3	293.6
-70°	590.3	558.1	532.3	503.2	467.8	435.5	400.0	364.5	325.8	290.3	254.8
-72.5°	503.2	483.9	464.5	435.5	403.2	374.2	345.2	312.9	280.7	248.4	219.4
-75°	412.9	396.8	380.7	361.3	335.5	312.9	287.1	258.1	232.3	209.7	187.1
-77.5°	332.3	319.4	309.7	293.6	274.2	254.8	238.7	219.4	200.0	177.4	154.8
-80°	264.5	258.1	254.8	248.4	232.3	216.1	203.2	187.1	167.7	151.6	135.5
-82.5°	206.5	206.5	203.2	200.0	187.1	174.2	164.5	151.6	138.7	125.8	109.7
-85°	151.6	148.4	148.4	145.2	135.5	129.0	119.4	112.9	103.2	90.3	83.9
-87.5°	90.3	87.1	83.9	80.6	74.2	71.0	64.5	61.3	54.8	48.4	45.2
-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-L-SA7A-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	6.5	6.5	6.5	6.5	6.5	3.2	3.2	3.2	3.2	3.2
82.5°	19.4	19.4	16.1	16.1	12.9	9.7	6.5	6.5	6.5	3.2	3.2
80°	29.0	29.0	29.0	25.8	22.6	16.1	12.9	9.7	6.5	3.2	3.2
77.5°	35.5	32.3	32.3	29.0	29.0	25.8	19.4	16.1	9.7	6.5	3.2
75°	35.5	35.5	35.5	32.3	32.3	29.0	25.8	19.4	16.1	9.7	6.5
72.5°	38.7	35.5	35.5	35.5	32.3	29.0	25.8	22.6	19.4	12.9	6.5
70°	35.5	35.5	35.5	35.5	32.3	32.3	25.8	22.6	22.6	12.9	9.7
67.5°	35.5	35.5	35.5	32.3	32.3	29.0	25.8	22.6	22.6	16.1	9.7
65°	38.7	35.5	35.5	35.5	32.3	29.0	25.8	22.6	22.6	19.4	12.9
62.5°	41.9	38.7	38.7	35.5	32.3	29.0	25.8	22.6	22.6	19.4	12.9
60°	45.2	41.9	38.7	38.7	35.5	32.3	25.8	25.8	22.6	19.4	12.9
57.5°	48.4	45.2	45.2	41.9	38.7	35.5	29.0	25.8	22.6	19.4	16.1
55°	58.1	51.6	48.4	48.4	45.2	38.7	32.3	25.8	22.6	19.4	16.1
52.5°	77.4	61.3	54.8	54.8	51.6	45.2	35.5	29.0	22.6	19.4	16.1
50°	122.6	77.4	64.5	58.1	58.1	51.6	41.9	32.3	22.6	19.4	16.1
47.5°	193.6	129.0	77.4	67.7	64.5	61.3	48.4	32.3	25.8	19.4	16.1
45°	319.4	190.3	125.8	80.6	67.7	64.5	54.8	35.5	25.8	22.6	16.1
42.5°	438.7	296.8	193.6	96.8	80.6	71.0	58.1	38.7	29.0	22.6	16.1
40°	690.3	406.5	271.0	158.1	93.6	74.2	64.5	45.2	29.0	22.6	16.1
37.5°	935.5	538.7	364.5	232.3	106.5	83.9	67.7	48.4	32.3	22.6	19.4
35°	1180.7	754.9	451.6	309.7	141.9	100.0	71.0	51.6	32.3	22.6	19.4
32.5°	1400.1	958.1	542.0	387.1	212.9	119.4	77.4	54.8	35.5	25.8	19.4
30°	1580.7	1145.2	703.3	454.9	277.4	145.2	83.9	54.8	38.7	25.8	19.4
27.5°	1716.2	1290.4	867.8	525.8	332.3	171.0	96.8	61.3	38.7	25.8	19.4
25°	1825.9	1403.3	1012.9	600.0	380.7	212.9	116.1	64.5	41.9	29.0	19.4
22.5°	1913.0	1496.8	1132.3	700.0	438.7	254.8	141.9	71.0	41.9	29.0	19.4
20°	2032.3	1590.4	1212.9	806.5	500.0	293.6	164.5	77.4	41.9	29.0	22.6
17.5°	2135.6	1683.9	1277.5	896.8	561.3	322.6	190.3	83.9	45.2	29.0	22.6
15°	2254.9	1774.3	1335.5	967.8	619.4	348.4	212.9	90.3	45.2	32.3	22.6
12.5°	2384.0	1858.1	1377.5	1025.8	680.7	371.0	232.3	103.2	48.4	32.3	22.6
10°	2516.2	1929.1	1413.0	1067.8	725.8	393.6	245.2	116.1	51.6	32.3	22.6
7.5°	2648.5	1993.6	1458.1	1087.1	745.2	419.4	251.6	129.0	51.6	35.5	22.6
5°	2738.8	2035.6	1522.6	1100.0	754.9	448.4	261.3	145.2	54.8	35.5	22.6
2.5°	2816.2	2061.4	1590.4	1109.7	758.1	464.5	258.1	154.8	58.1	35.5	22.6
0°	2851.7	2061.4	1635.5	1103.3	748.4	480.7	258.1	164.5	58.1	35.5	22.6
-2.5°	2796.9	2119.4	1622.6	1106.5	751.6	480.7	271.0	167.7	64.5	38.7	22.6
-5°	2709.8	2142.0	1583.9	1090.4	745.2	480.7	287.1	171.0	67.7	38.7	25.8
-7.5°	2625.9	2151.7	1538.8	1074.2	735.5	467.8	290.3	167.7	74.2	41.9	25.8
-10°	2516.2	2045.2	1480.7	1045.2	716.2	458.1	296.8	167.7	77.4	41.9	25.8
-12.5°	2390.4	1916.2	1409.7	1003.3	693.6	448.4	300.0	167.7	80.6	45.2	25.8
-15°	2245.2	1783.9	1329.1	958.1	661.3	435.5	293.6	164.5	83.9	45.2	29.0
-17.5°	2080.7	1654.9	1245.2	903.3	625.8	419.4	280.7	161.3	83.9	45.2	29.0
-20°	1893.6	1525.9	1151.7	848.4	583.9	400.0	267.8	154.8	83.9	45.2	29.0

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CATALOG NUMBER: IFLD-L-SA7A-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°	1725.9	1406.5	1054.9	787.1	538.7	377.4	251.6	148.4	83.9	48.4	29.0
-25°	1587.2	1290.4	980.7	725.8	490.3	351.6	235.5	141.9	83.9	48.4	29.0
-27.5°	1442.0	1164.6	903.3	667.8	458.1	329.0	219.4	135.5	80.6	48.4	29.0
-30°	1293.6	1042.0	822.6	603.2	425.8	306.5	206.5	125.8	80.6	48.4	29.0
-32.5°	1158.1	942.0	748.4	538.7	390.3	283.9	193.6	122.6	77.4	48.4	29.0
-35°	1025.8	851.6	671.0	487.1	351.6	261.3	180.7	119.4	77.4	48.4	29.0
-37.5°	916.2	767.8	600.0	451.6	329.0	241.9	167.7	112.9	74.2	48.4	29.0
-40°	825.8	690.3	532.3	412.9	309.7	222.6	154.8	109.7	74.2	48.4	29.0
-42.5°	742.0	616.2	490.3	380.7	290.3	209.7	145.2	106.5	71.0	48.4	29.0
-45°	667.8	551.6	448.4	351.6	267.8	193.6	138.7	100.0	67.7	48.4	32.3
-47.5°	593.6	506.5	409.7	325.8	245.2	174.2	132.3	96.8	64.5	45.2	32.3
-50°	535.5	458.1	377.4	296.8	222.6	167.7	125.8	90.3	64.5	45.2	32.3
-52.5°	483.9	412.9	341.9	267.8	203.2	158.1	119.4	83.9	61.3	45.2	32.3
-55°	435.5	371.0	306.5	238.7	190.3	148.4	109.7	77.4	61.3	45.2	32.3
-57.5°	387.1	332.3	271.0	216.1	174.2	138.7	103.2	77.4	61.3	45.2	32.3
-60°	348.4	296.8	245.2	200.0	161.3	125.8	93.6	74.2	58.1	45.2	32.3
-62.5°	316.1	267.8	222.6	180.7	148.4	112.9	90.3	74.2	58.1	45.2	29.0
-65°	283.9	241.9	200.0	164.5	132.3	106.5	87.1	71.0	58.1	45.2	29.0
-67.5°	251.6	212.9	180.7	145.2	122.6	103.2	83.9	71.0	54.8	41.9	29.0
-70°	219.4	187.1	158.1	135.5	116.1	96.8	80.6	67.7	54.8	38.7	25.8
-72.5°	193.6	164.5	141.9	125.8	109.7	93.6	77.4	64.5	51.6	35.5	22.6
-75°	164.5	145.2	129.0	112.9	100.0	87.1	74.2	58.1	45.2	32.3	22.6
-77.5°	138.7	125.8	112.9	103.2	90.3	77.4	64.5	51.6	41.9	29.0	19.4
-80°	119.4	109.7	100.0	90.3	80.6	67.7	58.1	45.2	35.5	25.8	16.1
-82.5°	96.8	90.3	80.6	74.2	67.7	58.1	48.4	38.7	25.8	19.4	12.9
-85°	74.2	67.7	64.5	58.1	51.6	41.9	32.3	25.8	19.4	12.9	6.5
-87.5°	38.7	35.5	32.3	29.0	25.8	19.4	16.1	12.9	9.7	6.5	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: P722646

CATALOG NUMBER: IFLD-L-SA7A-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°	6.5	3.2	0.0	0.0
65°	6.5	3.2	0.0	0.0
62.5°	6.5	3.2	0.0	0.0
60°	6.5	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	6.5	3.2	0.0
47.5°	9.7	6.5	3.2	0.0
45°	9.7	6.5	3.2	0.0
42.5°	9.7	6.5	3.2	0.0
40°	12.9	6.5	3.2	0.0
37.5°	12.9	6.5	3.2	0.0
35°	12.9	6.5	3.2	0.0
32.5°	12.9	6.5	3.2	0.0
30°	12.9	6.5	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°	19.4	9.7	3.2	0.0
-15°	19.4	9.7	3.2	0.0
-17.5°	19.4	9.7	3.2	0.0
-20°	19.4	9.7	3.2	0.0

REPORT NUMBER: P722646

CATALOG NUMBER: IFLD-L-SA7A-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	19.4	9.7	3.2	0.0
-25°	19.4	9.7	3.2	0.0
-27.5°	19.4	9.7	3.2	0.0
-30°	19.4	9.7	3.2	0.0
-32.5°	19.4	9.7	3.2	0.0
-35°	19.4	9.7	3.2	0.0
-37.5°	19.4	9.7	3.2	0.0
-40°	19.4	9.7	3.2	0.0
-42.5°	16.1	9.7	3.2	0.0
-45°	19.4	9.7	3.2	0.0
-47.5°	19.4	9.7	3.2	0.0
-50°	19.4	9.7	3.2	0.0
-52.5°	19.4	9.7	3.2	0.0
-55°	19.4	9.7	3.2	0.0
-57.5°	19.4	9.7	3.2	0.0
-60°	19.4	9.7	3.2	0.0
-62.5°	16.1	9.7	3.2	0.0
-65°	16.1	6.5	3.2	0.0
-67.5°	16.1	6.5	3.2	0.0
-70°	16.1	6.5	3.2	0.0
-72.5°	12.9	6.5	3.2	0.0
-75°	12.9	6.5	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°	6.5	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)