

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: P722617

Luminaire Tested: **IFLD-L-SA7A-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722617
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	25431.7 lumens	Max Intensity:	17754.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	116.9 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:	16224.3 lumens	Field Lumens:	23976.4 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

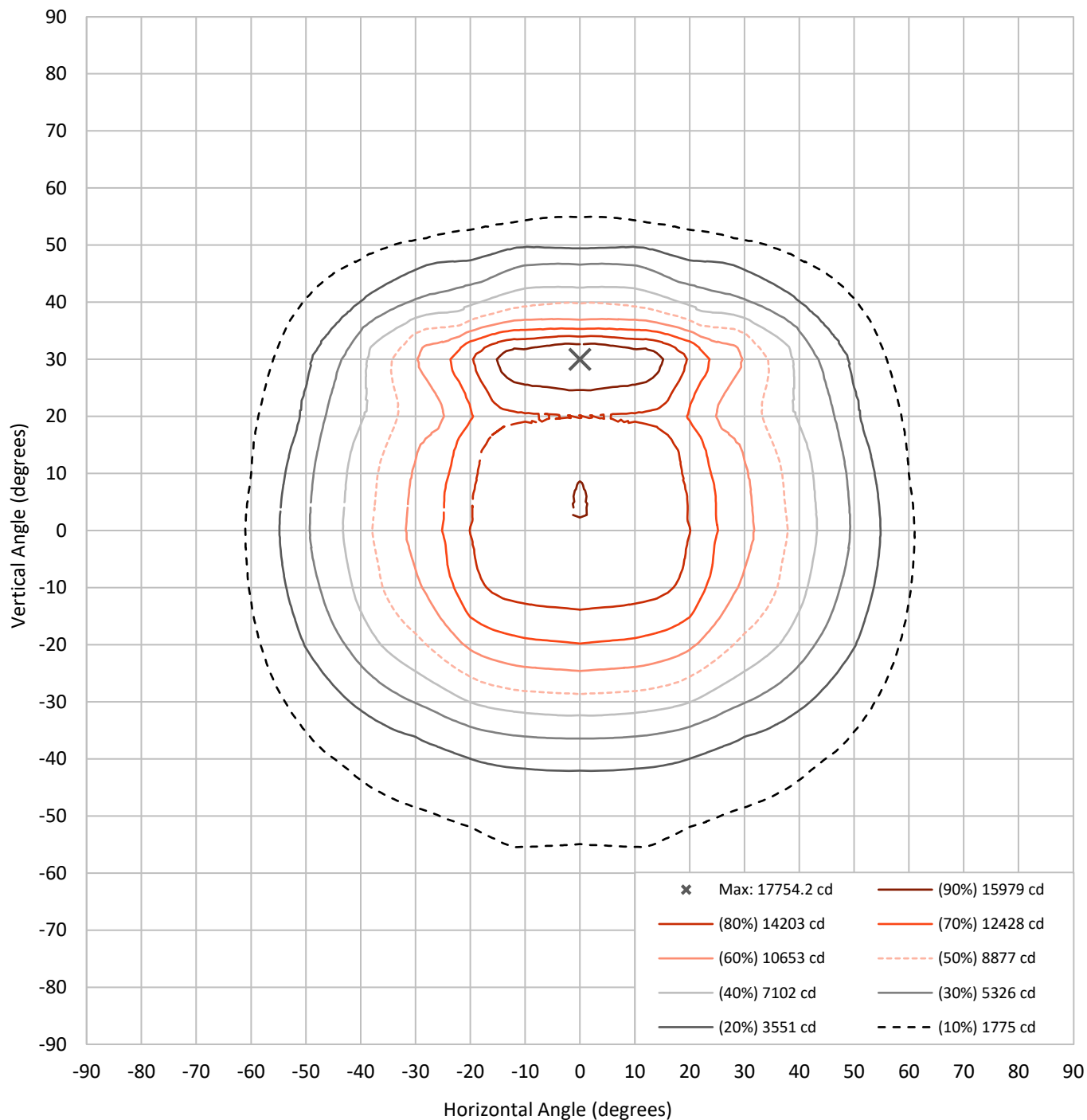
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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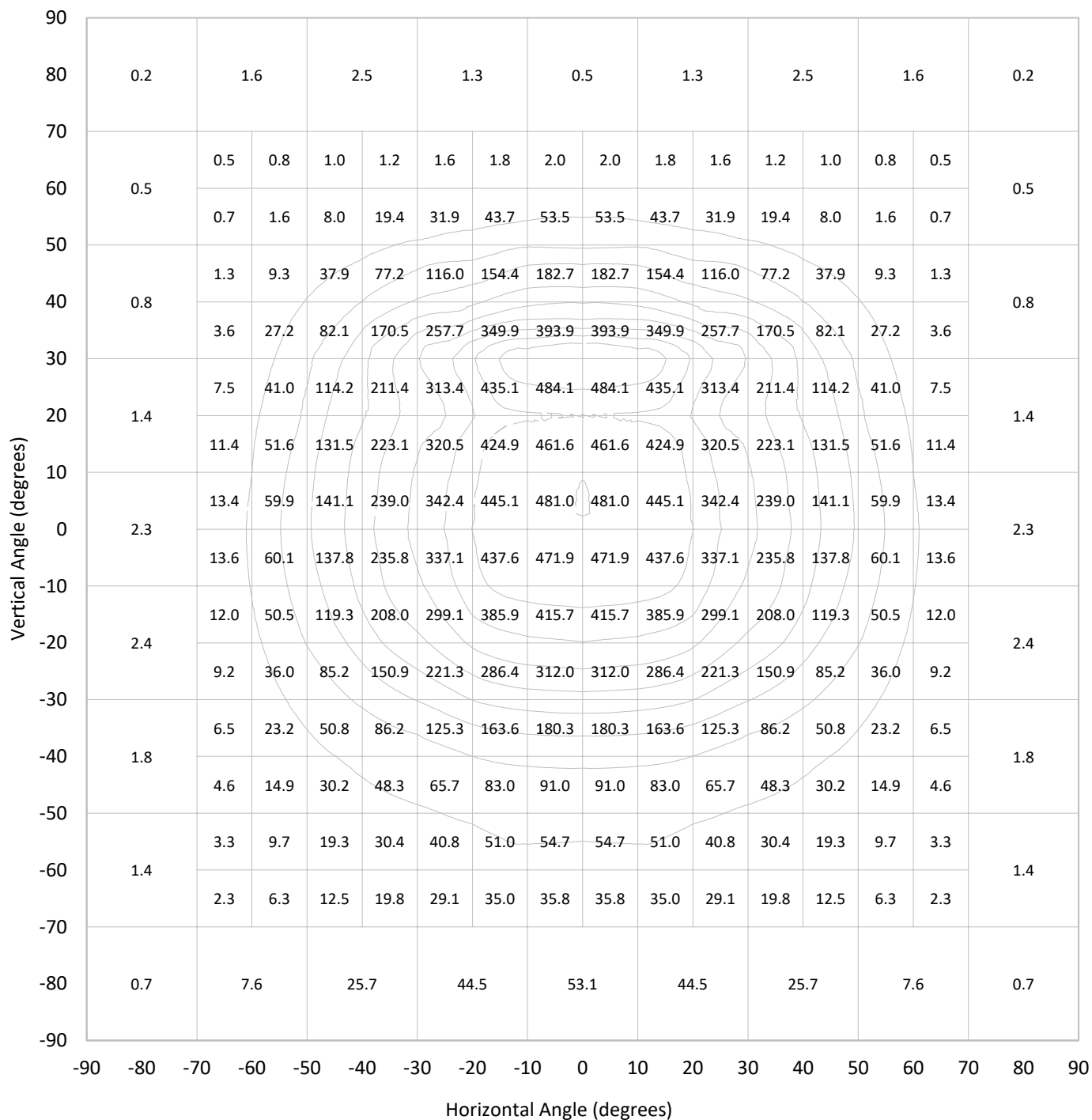
Iso-Candela Plot



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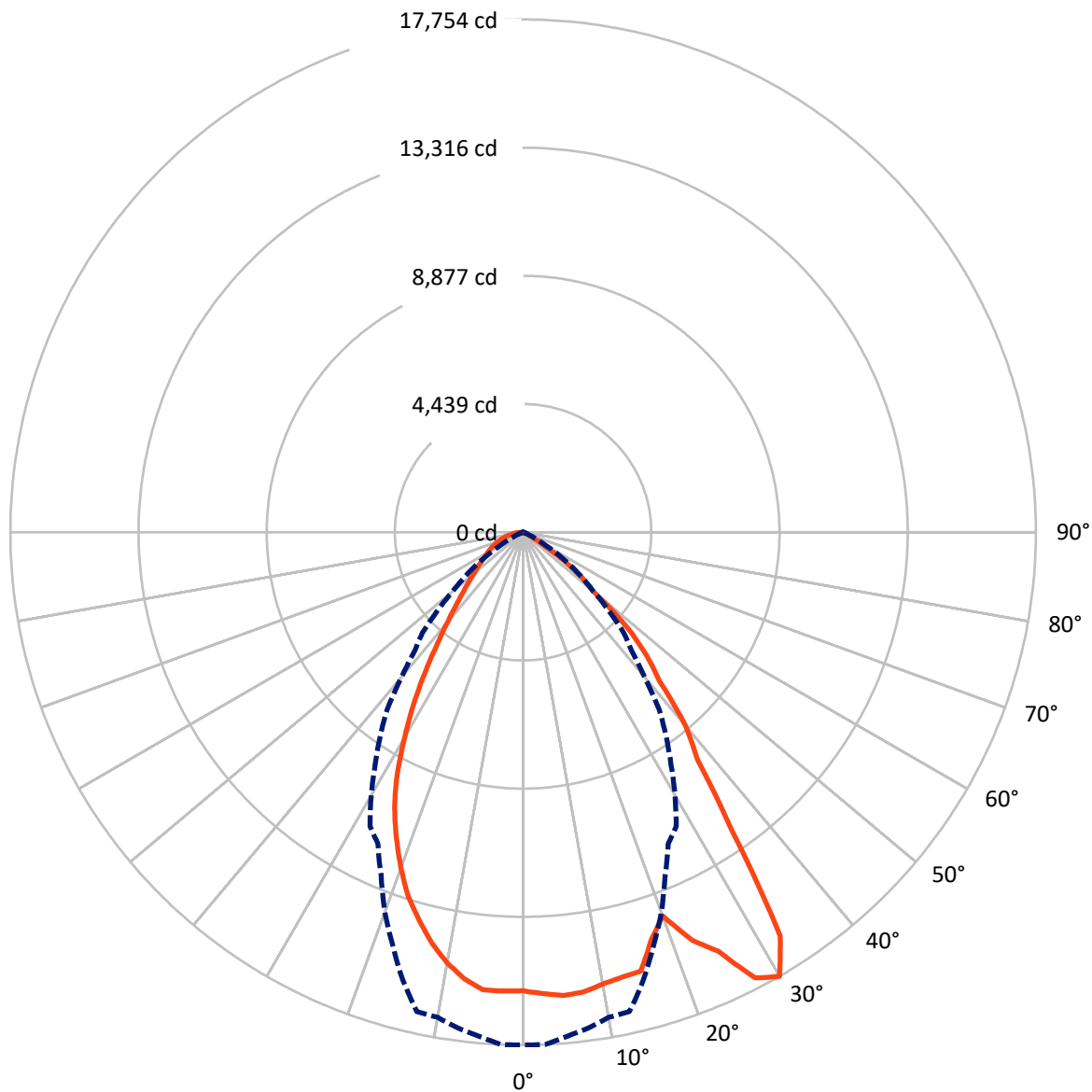
Lumen Table



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Luminous Intensity Polar Plot



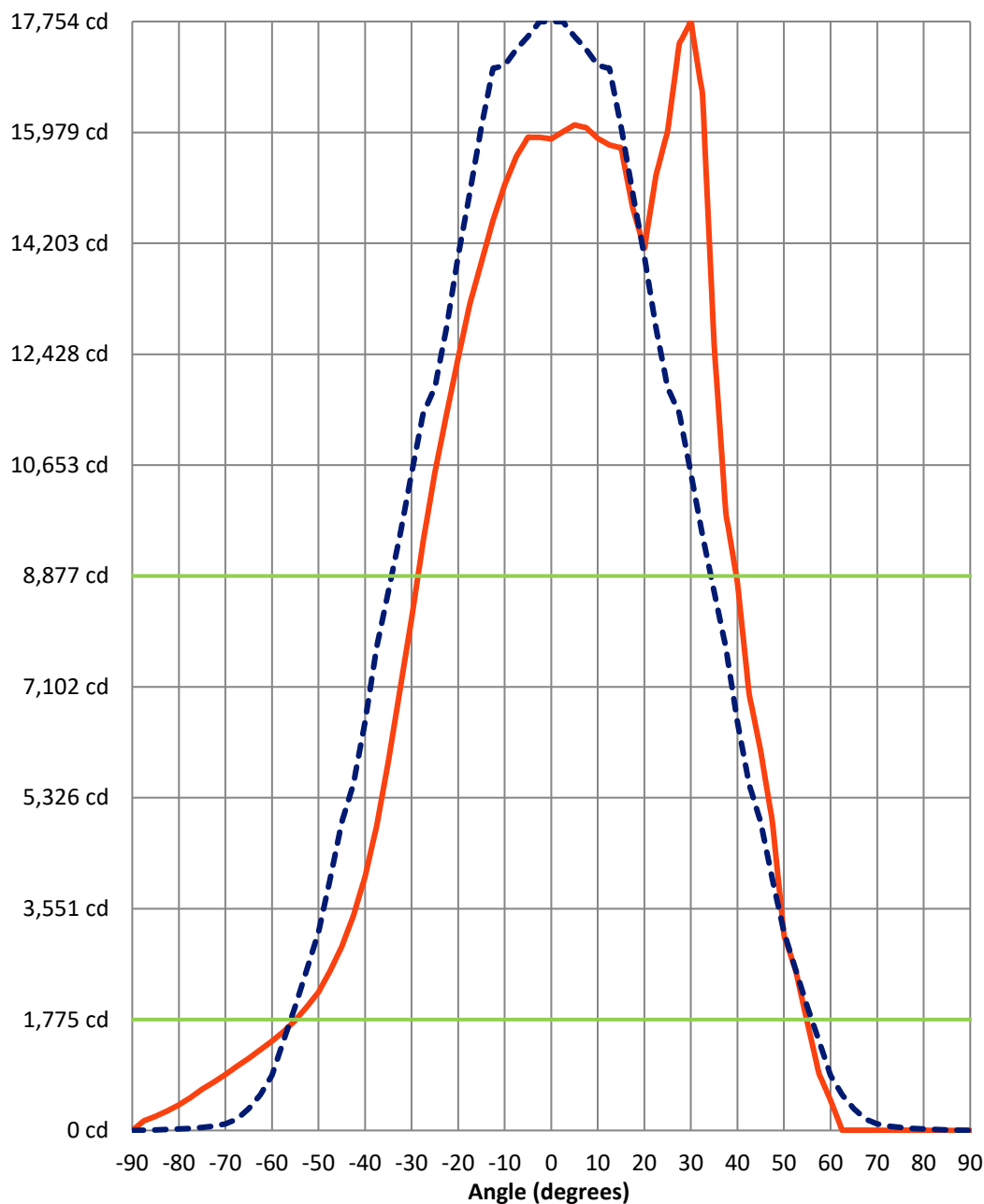
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 16224.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 23976.4

Efficiency: 94.3%

Spill:

Lumens: 1455.3

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	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	0.0	4.0	4.0	4.0	8.1	8.1	8.1	8.1	8.1	8.1	12.1
82.5°	0.0	4.0	4.0	4.0	8.1	8.1	8.1	8.1	12.1	12.1	16.2
80°	4.0	4.0	4.0	4.0	8.1	8.1	8.1	12.1	12.1	16.2	16.2
77.5°	4.0	4.0	4.0	8.1	8.1	8.1	12.1	12.1	16.2	16.2	20.2
75°	4.0	4.0	4.0	8.1	8.1	12.1	12.1	12.1	16.2	16.2	20.2
72.5°	0.0	4.0	4.0	8.1	8.1	12.1	12.1	12.1	16.2	16.2	16.2
70°	4.0	4.0	4.0	8.1	8.1	12.1	12.1	12.1	16.2	16.2	16.2
67.5°	4.0	4.0	4.0	8.1	8.1	12.1	12.1	16.2	16.2	16.2	20.2
65°	4.0	4.0	4.0	8.1	12.1	12.1	16.2	20.2	20.2	24.3	28.3
62.5°	4.0	8.1	8.1	12.1	16.2	20.2	44.5	68.8	68.8	48.6	40.5
60°	481.8	522.3	518.3	469.7	408.9	344.2	332.0	319.9	295.6	259.1	271.3
57.5°	915.0	963.6	983.9	971.7	939.3	882.6	850.3	813.8	765.2	708.5	643.8
55°	1732.9	1753.1	1708.6	1623.6	1530.5	1437.3	1404.9	1356.4	1283.5	1210.6	1113.4
52.5°	2562.9	2631.7	2611.5	2526.5	2401.0	2235.0	2052.8	1911.1	1826.0	1745.1	1647.9
50°	3129.8	3158.1	3214.8	3316.0	3352.4	3239.1	2943.5	2562.9	2291.6	2429.3	2324.0
47.5°	4939.6	5081.3	5053.0	4980.1	4858.6	4550.9	4137.9	3797.8	3514.4	3421.3	3437.5
45°	6069.2	6125.9	6105.7	6073.3	6016.6	5729.1	5271.6	4749.3	4486.1	4380.8	4271.5
42.5°	6996.4	7057.1	7069.3	7073.3	7012.6	6749.4	6336.4	5814.1	5551.0	5247.3	5008.4
40°	8765.7	8854.8	8753.6	8620.0	8417.5	8117.9	7713.0	7231.2	6765.6	6393.1	6109.7
37.5°	9895.4	10004.7	10045.2	10037.1	9992.5	9863.0	9365.0	8907.5	8194.9	7360.8	7510.6
35°	12575.7	12689.1	12656.7	12535.2	12470.4	12332.8	11846.9	11304.4	10409.6	9502.6	9259.7
32.5°	16571.9	16818.9	16357.3	15851.2	15539.5	15648.8	15154.8	13826.8	13413.8	11778.1	11020.9
30°	17754.2	17750.1	17515.3	17308.8	17053.7	17001.1	16069.9	15009.1	13996.8	12851.0	11895.5
27.5°	17393.8	17320.9	17122.6	16972.7	16733.9	16608.4	15697.4	14855.2	13685.1	12660.7	11737.6
25°	16005.1	16061.8	15859.3	15831.0	15737.9	15494.9	15041.4	14094.0	13049.4	11915.7	11251.7
22.5°	15288.4	15268.2	15025.3	14883.5	14996.9	14737.8	14555.6	13600.1	12510.9	11555.4	10757.8
20°	14122.4	14126.4	14065.7	14053.5	13984.7	13867.3	13721.5	13045.4	12276.1	11458.2	10498.6
17.5°	14774.2	14940.2	15013.1	14409.8	14579.9	14446.3	14292.4	13349.0	12770.0	12045.3	10794.2
15°	15729.8	15669.0	15596.1	15563.7	15470.6	15345.1	15065.7	14312.7	13316.6	12567.6	11591.8
12.5°	15778.3	15660.9	15632.6	15628.5	15531.4	15357.3	15086.0	14462.5	13579.8	12668.8	11875.3
10°	15883.6	15762.1	15745.9	15766.2	15616.4	15507.1	15235.8	14656.8	13660.8	12842.9	12093.9
7.5°	16053.7	15851.2	15944.3	15883.6	15814.8	15640.7	15349.2	14782.3	13956.4	13073.7	12288.2
5°	16098.2	15875.5	15976.7	15920.0	15818.8	15648.8	15333.0	14863.3	14138.6	13166.8	12365.2
2.5°	15988.9	15924.1	15879.6	15774.3	15729.8	15543.5	15243.9	14741.8	14053.5	13126.3	12349.0
0°	15875.5	15932.2	15831.0	15725.7	15705.5	15555.7	15300.6	14847.1	14251.9	13239.7	12486.6
-2.5°	15899.8	15855.3	15786.4	15677.1	15571.8	15357.3	15126.5	14701.3	14061.6	12992.7	12292.3
-5°	15899.8	15693.3	15701.4	15705.5	15600.2	15377.5	15098.1	14737.8	13948.3	12988.7	12235.6
-7.5°	15592.1	15413.9	15385.6	15361.3	15333.0	15126.5	14907.8	14458.4	13758.0	12883.4	12077.7
-10°	15138.6	14964.5	14980.7	14944.3	14855.2	14717.5	14551.5	14146.7	13571.7	12551.4	11757.8
-12.5°	14571.8	14494.9	14450.3	14389.6	14300.5	14179.0	14009.0	13628.4	13013.0	12142.5	11389.4
-15°	13899.7	13843.0	13802.5	13766.1	13636.5	13511.0	13288.3	12936.1	12551.4	11616.1	10846.8
-17.5°	13227.6	13085.9	13029.2	12980.6	12895.6	12693.1	12490.7	12227.5	11689.0	10948.1	10288.1
-20°	12365.2	12280.1	12211.3	12146.5	12025.1	11867.2	11701.2	11397.5	10931.9	10332.6	9648.4

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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°	11462.3	11413.7	11357.0	11276.0	11195.0	11045.2	10814.5	10522.9	10158.5	9510.7	8871.0
-25°	10531.0	10437.9	10369.1	10292.2	10227.4	10089.7	9867.0	9587.7	9130.1	8571.4	8037.0
-27.5°	9433.8	9344.7	9308.3	9219.2	9162.5	9037.0	8814.3	8555.2	8142.2	7672.6	7130.0
-30°	8194.9	8211.1	8170.6	8085.5	8016.7	7854.8	7684.7	7466.1	7142.2	6692.7	6206.9
-32.5°	7049.0	7069.3	7020.7	6931.6	6842.5	6725.1	6567.2	6368.8	6125.9	5696.7	5275.6
-35°	5903.2	5895.1	5854.6	5802.0	5741.3	5644.1	5465.9	5316.1	5036.8	4737.1	4445.6
-37.5°	4874.8	4895.1	4882.9	4854.6	4785.7	4704.8	4559.0	4421.3	4214.8	3951.7	3724.9
-40°	4061.0	4085.3	4069.1	4040.7	3980.0	3931.4	3834.3	3712.8	3546.8	3320.1	3129.8
-42.5°	3437.5	3453.7	3433.4	3409.1	3356.5	3320.1	3243.1	3141.9	3004.2	2830.1	2660.1
-45°	2943.5	2947.6	2927.3	2911.1	2870.6	2826.1	2761.3	2680.3	2571.0	2449.5	2311.9
-47.5°	2554.8	2550.8	2530.5	2514.3	2481.9	2441.5	2388.8	2315.9	2230.9	2137.8	2028.5
-50°	2214.7	2235.0	2226.9	2210.7	2186.4	2158.0	2105.4	2028.5	1943.4	1874.6	1797.7
-52.5°	1979.9	1983.9	1979.9	1979.9	1975.8	1955.6	1894.9	1817.9	1724.8	1664.1	1599.3
-55°	1761.2	1781.5	1789.6	1797.7	1801.7	1801.7	1728.9	1647.9	1558.8	1498.1	1449.5
-57.5°	1583.1	1595.2	1603.3	1623.6	1639.8	1651.9	1587.1	1514.3	1445.4	1388.8	1344.2
-60°	1429.2	1445.4	1457.6	1477.8	1490.0	1498.1	1457.6	1409.0	1368.5	1332.1	1267.3
-62.5°	1291.6	1303.7	1315.9	1328.0	1340.2	1348.3	1332.1	1307.8	1287.5	1271.3	1190.4
-65°	1153.9	1166.1	1178.2	1194.4	1206.6	1214.7	1210.6	1194.4	1178.2	1162.0	1089.1
-67.5°	1028.4	1040.6	1056.7	1060.8	1068.9	1072.9	1064.8	1052.7	1032.5	1012.2	955.5
-70°	894.8	902.9	911.0	911.0	911.0	906.9	898.8	882.6	862.4	834.1	789.5
-72.5°	773.3	781.4	789.5	777.4	769.3	757.1	745.0	724.7	704.5	684.3	660.0
-75°	660.0	664.0	664.0	647.8	635.7	623.5	607.3	595.2	574.9	558.7	538.5
-77.5°	526.3	526.3	526.3	514.2	506.1	498.0	485.9	473.7	457.5	445.4	429.2
-80°	408.9	408.9	408.9	404.9	392.7	384.6	376.5	368.4	356.3	348.2	340.1
-82.5°	311.8	311.8	311.8	307.7	299.6	295.6	287.5	279.4	275.3	267.2	263.2
-85°	226.7	230.8	230.8	226.7	222.7	214.6	210.5	206.5	202.4	198.4	190.3
-87.5°	153.9	153.9	153.9	149.8	145.8	145.8	141.7	133.6	125.5	121.5	117.4
-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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	12.1	12.1	12.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2	12.1
82.5°	20.2	20.2	24.3	24.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
80°	20.2	24.3	28.3	32.4	36.4	40.5	40.5	40.5	40.5	36.4	36.4
77.5°	24.3	24.3	28.3	32.4	36.4	40.5	44.5	48.6	44.5	44.5	44.5
75°	24.3	28.3	28.3	32.4	36.4	40.5	44.5	48.6	48.6	48.6	48.6
72.5°	20.2	24.3	28.3	32.4	32.4	36.4	40.5	40.5	44.5	44.5	48.6
70°	20.2	24.3	28.3	28.3	32.4	32.4	36.4	40.5	40.5	44.5	44.5
67.5°	24.3	28.3	28.3	32.4	36.4	36.4	36.4	40.5	40.5	44.5	44.5
65°	28.3	32.4	32.4	36.4	40.5	40.5	44.5	44.5	44.5	48.6	48.6
62.5°	48.6	48.6	48.6	44.5	48.6	48.6	48.6	52.6	52.6	48.6	52.6
60°	251.0	182.2	125.5	157.9	141.7	64.8	64.8	64.8	60.7	60.7	56.7
57.5°	591.1	550.6	473.7	400.8	360.3	319.9	198.4	81.0	81.0	72.9	64.8
55°	987.9	854.3	797.6	700.4	595.2	546.6	453.5	307.7	145.8	97.2	85.0
52.5°	1530.5	1404.9	1259.2	1060.8	919.1	805.7	728.8	579.0	388.7	206.5	129.6
50°	2048.7	1992.0	1903.0	1708.6	1413.0	1222.8	1097.2	927.2	696.4	425.1	242.9
47.5°	3299.8	2826.1	2538.6	2388.8	2141.8	1781.5	1538.6	1348.3	1068.9	716.6	429.2
45°	4154.1	3854.5	3397.0	3081.2	2716.8	2336.2	2020.4	1801.7	1469.7	1072.9	672.1
42.5°	4887.0	4627.8	4214.8	3753.3	3368.6	2870.6	2465.7	2178.3	1898.9	1465.7	1004.1
40°	5830.3	5522.6	5125.8	4676.4	4227.0	3591.3	2935.4	2587.2	2279.5	1894.9	1356.4
37.5°	7385.1	6842.5	6194.7	5696.7	5109.6	4571.1	3672.3	3056.9	2692.5	2291.6	1769.3
35°	9255.7	8660.5	7579.4	6919.5	6134.0	5332.3	4522.6	3611.6	3093.3	2668.2	2149.9
32.5°	10996.7	10126.2	8741.5	7968.1	7445.8	5968.0	5129.9	4340.4	3506.3	2984.0	2368.6
30°	11478.5	10518.9	9526.9	8624.0	7733.3	6538.9	5546.9	4931.5	4024.5	3174.3	2575.1
27.5°	10992.6	10332.6	9563.4	8725.3	7761.6	6737.3	5802.0	5214.9	4405.1	3303.9	2737.0
25°	10498.6	9810.3	9271.8	8571.4	7680.7	6725.1	5810.1	5393.1	4700.7	3554.9	2826.1
22.5°	9976.3	9547.2	9101.8	8320.4	7478.2	6761.6	6073.3	5546.9	4854.6	3838.3	2862.5
20°	10004.7	9725.3	9235.4	8190.8	7441.8	6976.2	6389.1	5741.3	5020.6	4085.3	2890.9
17.5°	10458.2	10093.8	9478.3	8571.4	7769.7	7194.8	6652.2	6008.5	5190.6	4303.9	3235.0
15°	11016.9	10462.2	9818.4	9020.8	8113.9	7433.7	6854.7	6194.7	5385.0	4506.4	3542.7
12.5°	11421.8	10632.3	10029.0	9308.3	8486.4	7692.8	6988.3	6336.4	5567.2	4672.4	3773.5
10°	11559.4	10842.8	10130.2	9486.4	8676.7	7830.5	7089.5	6425.5	5725.1	4801.9	3943.6
7.5°	11632.3	11025.0	10199.0	9567.4	8790.0	7915.5	7170.5	6474.1	5850.6	4891.0	4052.9
5°	11624.2	11122.2	10251.7	9591.7	8850.8	7951.9	7227.2	6486.2	5939.7	4967.9	4117.7
2.5°	11587.8	11187.0	10336.7	9632.2	8972.2	8020.8	7336.5	6510.5	5972.0	5053.0	4162.2
0°	11721.4	11191.0	10425.8	9644.3	9053.2	8045.0	7385.1	6490.3	5927.5	5077.2	4158.2
-2.5°	11433.9	10952.1	10405.5	9539.1	8943.9	7988.4	7296.0	6425.5	5830.3	5048.9	4142.0
-5°	11385.3	10778.0	10235.5	9441.9	8761.7	7870.9	7130.0	6304.0	5676.5	4955.8	4077.2
-7.5°	11255.8	10612.0	10069.5	9365.0	8591.6	7749.5	6972.1	6178.5	5510.5	4810.0	3984.1
-10°	10972.4	10356.9	9891.3	9199.0	8385.2	7575.4	6781.8	6012.5	5316.1	4611.6	3838.3
-12.5°	10567.5	9952.1	9490.5	8846.7	8126.0	7340.6	6555.1	5797.9	5093.4	4401.1	3664.2
-15°	10110.0	9486.4	9024.9	8437.8	7741.4	6976.2	6267.6	5526.7	4838.4	4178.4	3457.7
-17.5°	9591.7	9000.6	8555.2	7984.3	7292.0	6563.2	5858.7	5186.6	4542.8	3947.6	3218.8
-20°	8992.5	8417.5	8008.6	7437.7	6802.1	6093.5	5409.3	4773.6	4194.6	3635.9	2955.7

REPORT NUMBER: P722617

CATALOG NUMBER: IFLD-L-SA7A-830-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°	8251.5	7745.4	7279.8	6769.7	6215.0	5567.2	4931.5	4368.7	3814.0	3267.4	2684.4
-25°	7494.4	7004.5	6551.0	6085.4	5555.0	4996.3	4453.7	3943.6	3401.0	2907.1	2421.2
-27.5°	6652.2	6215.0	5810.1	5380.9	4895.1	4413.2	3967.9	3469.9	3000.2	2579.1	2162.1
-30°	5753.4	5397.1	5044.9	4664.3	4271.5	3866.6	3469.9	3000.2	2631.7	2295.7	1943.4
-32.5°	4891.0	4571.1	4287.7	4004.3	3664.2	3332.2	2979.9	2631.7	2324.0	2028.5	1732.9
-35°	4133.9	3793.8	3635.9	3409.1	3137.9	2838.2	2550.8	2307.8	2060.9	1793.6	1530.5
-37.5°	3478.0	3259.3	3073.1	2903.0	2688.4	2429.3	2222.8	2024.4	1817.9	1575.0	1348.3
-40°	2963.8	2805.8	2619.6	2494.1	2320.0	2133.7	1927.2	1761.2	1587.1	1388.8	1202.5
-42.5°	2550.8	2421.2	2299.7	2166.1	2036.6	1878.7	1700.5	1542.6	1384.7	1238.9	1085.1
-45°	2210.7	2117.5	2020.4	1911.1	1797.7	1660.0	1514.3	1352.3	1238.9	1109.4	979.8
-47.5°	1931.3	1862.5	1781.5	1696.5	1599.3	1477.8	1344.2	1226.8	1109.4	1000.1	874.5
-50°	1708.6	1643.8	1579.0	1506.2	1421.1	1315.9	1214.7	1105.3	996.0	890.7	773.3
-52.5°	1522.4	1465.7	1413.0	1352.3	1271.3	1182.3	1089.1	992.0	890.7	785.5	692.4
-55°	1392.8	1328.0	1275.4	1214.7	1141.8	1056.7	971.7	882.6	785.5	704.5	627.6
-57.5°	1287.5	1214.7	1153.9	1089.1	1016.3	943.4	866.5	785.5	712.6	635.7	562.8
-60°	1198.5	1113.4	1044.6	979.8	911.0	842.2	777.4	708.5	639.7	570.9	498.0
-62.5°	1105.3	1016.3	931.2	870.5	817.9	757.1	700.4	635.7	574.9	506.1	453.5
-65°	1000.1	915.0	834.1	781.4	732.8	680.2	627.6	570.9	518.3	465.6	417.0
-67.5°	882.6	809.8	753.1	704.5	655.9	611.4	562.8	514.2	469.7	417.0	368.4
-70°	740.9	700.4	668.1	631.6	587.1	546.6	502.1	457.5	408.9	364.4	319.9
-72.5°	631.6	607.3	583.0	546.6	506.1	469.7	433.2	392.7	352.2	311.8	275.3
-75°	518.3	498.0	477.8	453.5	421.1	392.7	360.3	323.9	291.5	263.2	234.8
-77.5°	417.0	400.8	388.7	368.4	344.2	319.9	299.6	275.3	251.0	222.7	194.3
-80°	332.0	323.9	319.9	311.8	291.5	271.3	255.1	234.8	210.5	190.3	170.1
-82.5°	259.1	259.1	255.1	251.0	234.8	218.6	206.5	190.3	174.1	157.9	137.7
-85°	190.3	186.2	186.2	182.2	170.1	162.0	149.8	141.7	129.6	113.4	105.3
-87.5°	113.4	109.3	105.3	101.2	93.1	89.1	81.0	76.9	68.8	60.7	56.7
-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-830-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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	0.0	0.0
85°	12.1	8.1	8.1	8.1	8.1	8.1	4.0	4.0	4.0	4.0	4.0
82.5°	24.3	24.3	20.2	20.2	16.2	12.1	8.1	8.1	8.1	4.0	4.0
80°	36.4	36.4	36.4	32.4	28.3	20.2	16.2	12.1	8.1	4.0	4.0
77.5°	44.5	40.5	40.5	36.4	36.4	32.4	24.3	20.2	12.1	8.1	4.0
75°	44.5	44.5	44.5	40.5	40.5	36.4	32.4	24.3	20.2	12.1	8.1
72.5°	48.6	44.5	44.5	44.5	40.5	36.4	32.4	28.3	24.3	16.2	8.1
70°	44.5	44.5	44.5	44.5	40.5	40.5	32.4	28.3	28.3	16.2	12.1
67.5°	44.5	44.5	44.5	40.5	40.5	36.4	32.4	28.3	28.3	20.2	12.1
65°	48.6	44.5	44.5	44.5	40.5	36.4	32.4	28.3	28.3	24.3	16.2
62.5°	52.6	48.6	48.6	44.5	40.5	36.4	32.4	28.3	28.3	24.3	16.2
60°	56.7	52.6	48.6	48.6	44.5	40.5	32.4	32.4	28.3	24.3	16.2
57.5°	60.7	56.7	56.7	52.6	48.6	44.5	36.4	32.4	28.3	24.3	20.2
55°	72.9	64.8	60.7	60.7	56.7	48.6	40.5	32.4	28.3	24.3	20.2
52.5°	97.2	76.9	68.8	68.8	64.8	56.7	44.5	36.4	28.3	24.3	20.2
50°	153.9	97.2	81.0	72.9	72.9	64.8	52.6	40.5	28.3	24.3	20.2
47.5°	242.9	162.0	97.2	85.0	81.0	76.9	60.7	40.5	32.4	24.3	20.2
45°	400.8	238.9	157.9	101.2	85.0	81.0	68.8	44.5	32.4	28.3	20.2
42.5°	550.6	372.5	242.9	121.5	101.2	89.1	72.9	48.6	36.4	28.3	20.2
40°	866.5	510.2	340.1	198.4	117.4	93.1	81.0	56.7	36.4	28.3	20.2
37.5°	1174.2	676.2	457.5	291.5	133.6	105.3	85.0	60.7	40.5	28.3	24.3
35°	1481.9	947.4	566.8	388.7	178.1	125.5	89.1	64.8	40.5	28.3	24.3
32.5°	1757.2	1202.5	680.2	485.9	267.2	149.8	97.2	68.8	44.5	32.4	24.3
30°	1983.9	1437.3	882.6	570.9	348.2	182.2	105.3	68.8	48.6	32.4	24.3
27.5°	2154.0	1619.5	1089.1	660.0	417.0	214.6	121.5	76.9	48.6	32.4	24.3
25°	2291.6	1761.2	1271.3	753.1	477.8	267.2	145.8	81.0	52.6	36.4	24.3
22.5°	2401.0	1878.7	1421.1	878.6	550.6	319.9	178.1	89.1	52.6	36.4	24.3
20°	2550.8	1996.1	1522.4	1012.2	627.6	368.4	206.5	97.2	52.6	36.4	28.3
17.5°	2680.3	2113.5	1603.3	1125.6	704.5	404.9	238.9	105.3	56.7	36.4	28.3
15°	2830.1	2226.9	1676.2	1214.7	777.4	437.3	267.2	113.4	56.7	40.5	28.3
12.5°	2992.1	2332.1	1728.9	1287.5	854.3	465.6	291.5	129.6	60.7	40.5	28.3
10°	3158.1	2421.2	1773.4	1340.2	911.0	494.0	307.7	145.8	64.8	40.5	28.3
7.5°	3324.1	2502.2	1830.1	1364.5	935.3	526.3	315.8	162.0	64.8	44.5	28.3
5°	3437.5	2554.8	1911.1	1380.7	947.4	562.8	328.0	182.2	68.8	44.5	28.3
2.5°	3534.6	2587.2	1996.1	1392.8	951.5	583.0	323.9	194.3	72.9	44.5	28.3
0°	3579.2	2587.2	2052.8	1384.7	939.3	603.3	323.9	206.5	72.9	44.5	28.3
-2.5°	3510.3	2660.1	2036.6	1388.8	943.4	603.3	340.1	210.5	81.0	48.6	28.3
-5°	3401.0	2688.4	1988.0	1368.5	935.3	603.3	360.3	214.6	85.0	48.6	32.4
-7.5°	3295.8	2700.6	1931.3	1348.3	923.1	587.1	364.4	210.5	93.1	52.6	32.4
-10°	3158.1	2567.0	1858.4	1311.8	898.8	574.9	372.5	210.5	97.2	52.6	32.4
-12.5°	3000.2	2405.0	1769.3	1259.2	870.5	562.8	376.5	210.5	101.2	56.7	32.4
-15°	2818.0	2239.0	1668.1	1202.5	830.0	546.6	368.4	206.5	105.3	56.7	36.4
-17.5°	2611.5	2077.1	1562.9	1133.7	785.5	526.3	352.2	202.4	105.3	56.7	36.4
-20°	2376.7	1915.1	1445.4	1064.8	732.8	502.1	336.1	194.3	105.3	56.7	36.4

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CATALOG NUMBER: IFLD-L-SA7A-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2166.1	1765.3	1324.0	987.9	676.2	473.7	315.8	186.2	105.3	60.7	36.4
-25°	1992.0	1619.5	1230.8	911.0	615.4	441.3	295.6	178.1	105.3	60.7	36.4
-27.5°	1809.8	1461.6	1133.7	838.1	574.9	413.0	275.3	170.1	101.2	60.7	36.4
-30°	1623.6	1307.8	1032.5	757.1	534.4	384.6	259.1	157.9	101.2	60.7	36.4
-32.5°	1453.5	1182.3	939.3	676.2	489.9	356.3	242.9	153.9	97.2	60.7	36.4
-35°	1287.5	1068.9	842.2	611.4	441.3	328.0	226.7	149.8	97.2	60.7	36.4
-37.5°	1149.9	963.6	753.1	566.8	413.0	303.7	210.5	141.7	93.1	60.7	36.4
-40°	1036.5	866.5	668.1	518.3	388.7	279.4	194.3	137.7	93.1	60.7	36.4
-42.5°	931.2	773.3	615.4	477.8	364.4	263.2	182.2	133.6	89.1	60.7	36.4
-45°	838.1	692.4	562.8	441.3	336.1	242.9	174.1	125.5	85.0	60.7	40.5
-47.5°	745.0	635.7	514.2	408.9	307.7	218.6	166.0	121.5	81.0	56.7	40.5
-50°	672.1	574.9	473.7	372.5	279.4	210.5	157.9	113.4	81.0	56.7	40.5
-52.5°	607.3	518.3	429.2	336.1	255.1	198.4	149.8	105.3	76.9	56.7	40.5
-55°	546.6	465.6	384.6	299.6	238.9	186.2	137.7	97.2	76.9	56.7	40.5
-57.5°	485.9	417.0	340.1	271.3	218.6	174.1	129.6	97.2	76.9	56.7	40.5
-60°	437.3	372.5	307.7	251.0	202.4	157.9	117.4	93.1	72.9	56.7	40.5
-62.5°	396.8	336.1	279.4	226.7	186.2	141.7	113.4	93.1	72.9	56.7	36.4
-65°	356.3	303.7	251.0	206.5	166.0	133.6	109.3	89.1	72.9	56.7	36.4
-67.5°	315.8	267.2	226.7	182.2	153.9	129.6	105.3	89.1	68.8	52.6	36.4
-70°	275.3	234.8	198.4	170.1	145.8	121.5	101.2	85.0	68.8	48.6	32.4
-72.5°	242.9	206.5	178.1	157.9	137.7	117.4	97.2	81.0	64.8	44.5	28.3
-75°	206.5	182.2	162.0	141.7	125.5	109.3	93.1	72.9	56.7	40.5	28.3
-77.5°	174.1	157.9	141.7	129.6	113.4	97.2	81.0	64.8	52.6	36.4	24.3
-80°	149.8	137.7	125.5	113.4	101.2	85.0	72.9	56.7	44.5	32.4	20.2
-82.5°	121.5	113.4	101.2	93.1	85.0	72.9	60.7	48.6	32.4	24.3	16.2
-85°	93.1	85.0	81.0	72.9	64.8	52.6	40.5	32.4	24.3	16.2	8.1
-87.5°	48.6	44.5	40.5	36.4	32.4	24.3	20.2	16.2	12.1	8.1	4.0
-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: P722617

CATALOG NUMBER: IFLD-L-SA7A-830-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°	4.0	0.0	0.0	0.0
77.5°	4.0	0.0	0.0	0.0
75°	4.0	4.0	0.0	0.0
72.5°	4.0	4.0	0.0	0.0
70°	4.0	4.0	0.0	0.0
67.5°	8.1	4.0	0.0	0.0
65°	8.1	4.0	0.0	0.0
62.5°	8.1	4.0	0.0	0.0
60°	8.1	4.0	0.0	0.0
57.5°	12.1	4.0	4.0	0.0
55°	12.1	4.0	4.0	0.0
52.5°	12.1	4.0	4.0	0.0
50°	12.1	8.1	4.0	0.0
47.5°	12.1	8.1	4.0	0.0
45°	12.1	8.1	4.0	0.0
42.5°	12.1	8.1	4.0	0.0
40°	16.2	8.1	4.0	0.0
37.5°	16.2	8.1	4.0	0.0
35°	16.2	8.1	4.0	0.0
32.5°	16.2	8.1	4.0	0.0
30°	16.2	8.1	4.0	0.0
27.5°	16.2	12.1	4.0	0.0
25°	16.2	12.1	4.0	0.0
22.5°	20.2	12.1	4.0	0.0
20°	20.2	12.1	4.0	0.0
17.5°	20.2	12.1	4.0	0.0
15°	20.2	12.1	4.0	0.0
12.5°	20.2	12.1	4.0	0.0
10°	20.2	12.1	4.0	0.0
7.5°	20.2	12.1	4.0	0.0
5°	20.2	12.1	4.0	0.0
2.5°	20.2	12.1	4.0	0.0
0°	20.2	12.1	4.0	0.0
-2.5°	20.2	12.1	4.0	0.0
-5°	20.2	12.1	4.0	0.0
-7.5°	20.2	12.1	4.0	0.0
-10°	20.2	12.1	4.0	0.0
-12.5°	24.3	12.1	4.0	0.0
-15°	24.3	12.1	4.0	0.0
-17.5°	24.3	12.1	4.0	0.0
-20°	24.3	12.1	4.0	0.0



REPORT NUMBER: P722617

CATALOG NUMBER: IFLD-L-SA7A-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	24.3	12.1	4.0	0.0
-25°	24.3	12.1	4.0	0.0
-27.5°	24.3	12.1	4.0	0.0
-30°	24.3	12.1	4.0	0.0
-32.5°	24.3	12.1	4.0	0.0
-35°	24.3	12.1	4.0	0.0
-37.5°	24.3	12.1	4.0	0.0
-40°	24.3	12.1	4.0	0.0
-42.5°	20.2	12.1	4.0	0.0
-45°	24.3	12.1	4.0	0.0
-47.5°	24.3	12.1	4.0	0.0
-50°	24.3	12.1	4.0	0.0
-52.5°	24.3	12.1	4.0	0.0
-55°	24.3	12.1	4.0	0.0
-57.5°	24.3	12.1	4.0	0.0
-60°	24.3	12.1	4.0	0.0
-62.5°	20.2	12.1	4.0	0.0
-65°	20.2	8.1	4.0	0.0
-67.5°	20.2	8.1	4.0	0.0
-70°	20.2	8.1	4.0	0.0
-72.5°	16.2	8.1	4.0	0.0
-75°	16.2	8.1	4.0	0.0
-77.5°	12.1	4.0	0.0	0.0
-80°	12.1	4.0	0.0	0.0
-82.5°	8.1	4.0	0.0	0.0
-85°	4.0	4.0	0.0	0.0
-87.5°	4.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)