

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: P722592

Luminaire Tested: **IFLD-L-SA7E-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722592
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	42432.4 lumens	Max Intensity:	29622.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	79.7 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:	27070 lumens	Field Lumens:	40004.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

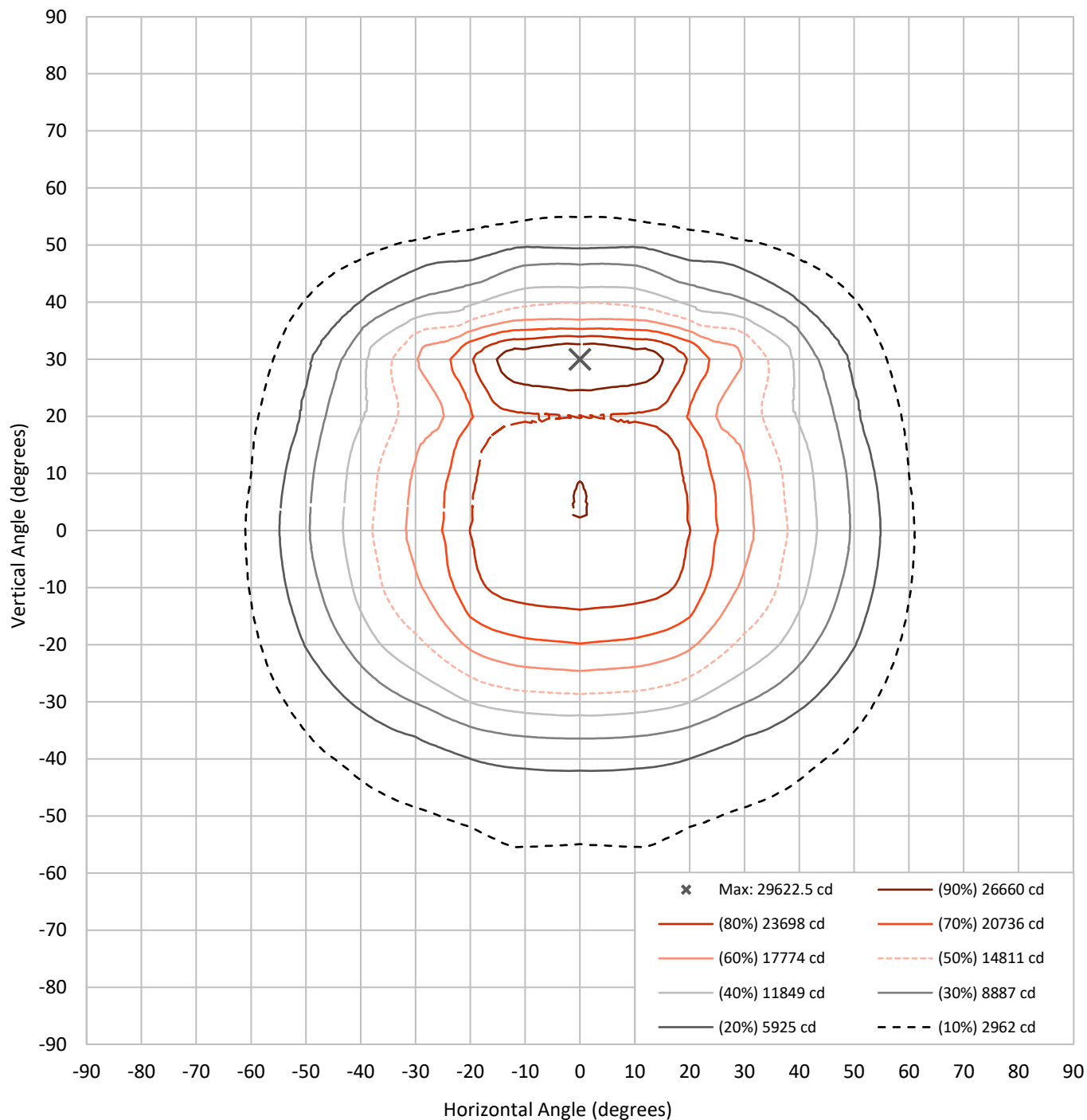
Input Watts (W): 532.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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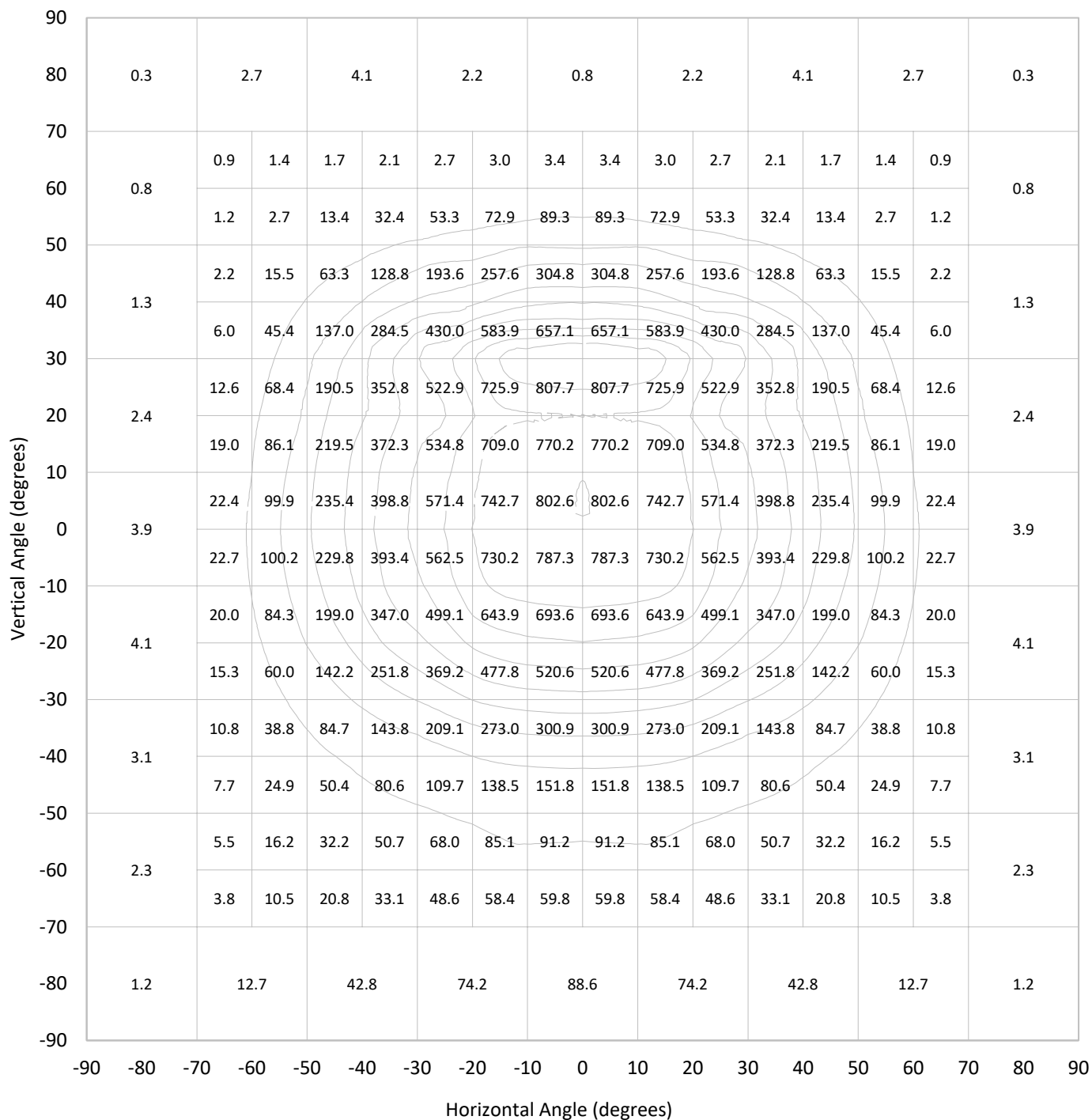
Iso-Candela Plot



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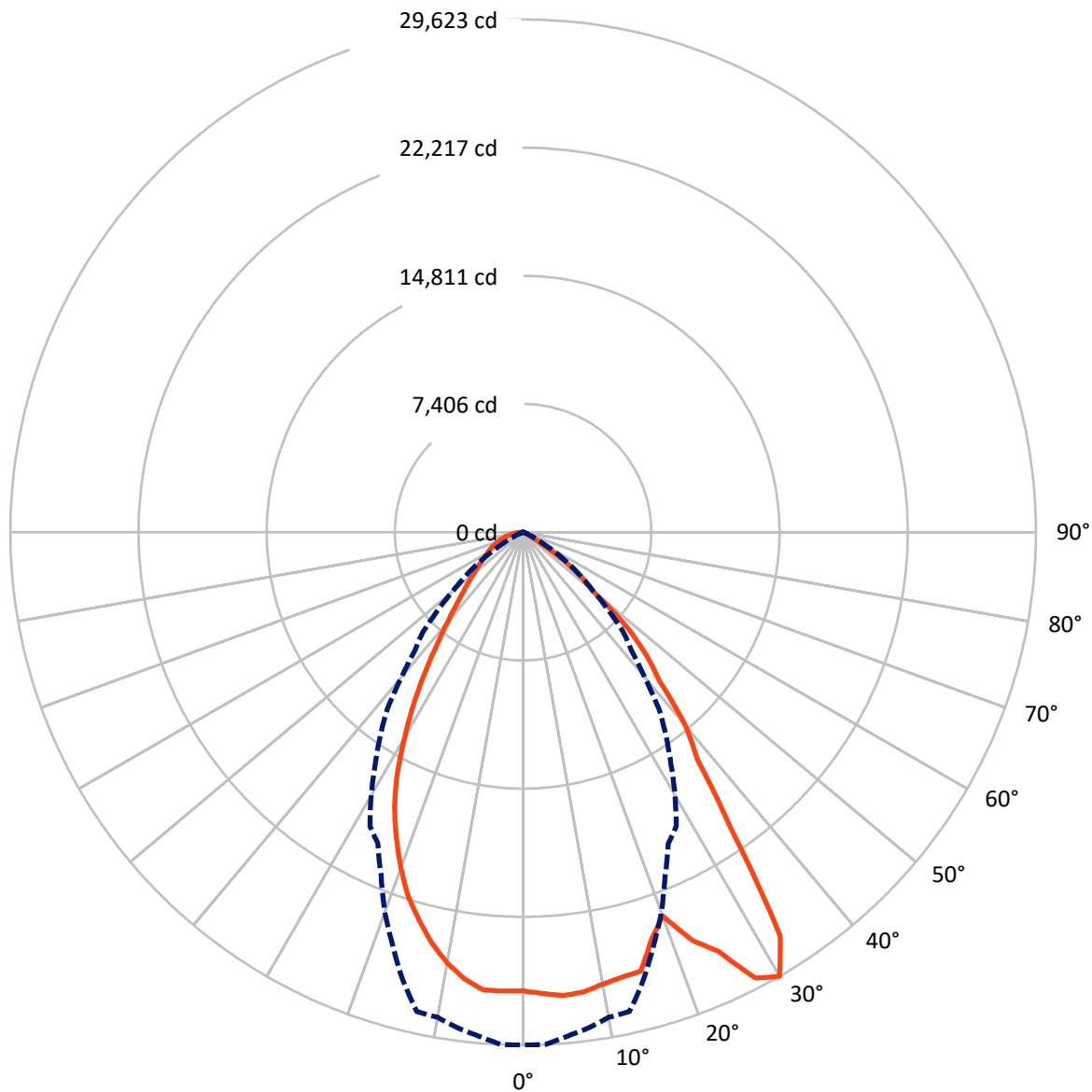
Lumen Table



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Luminous Intensity Polar Plot



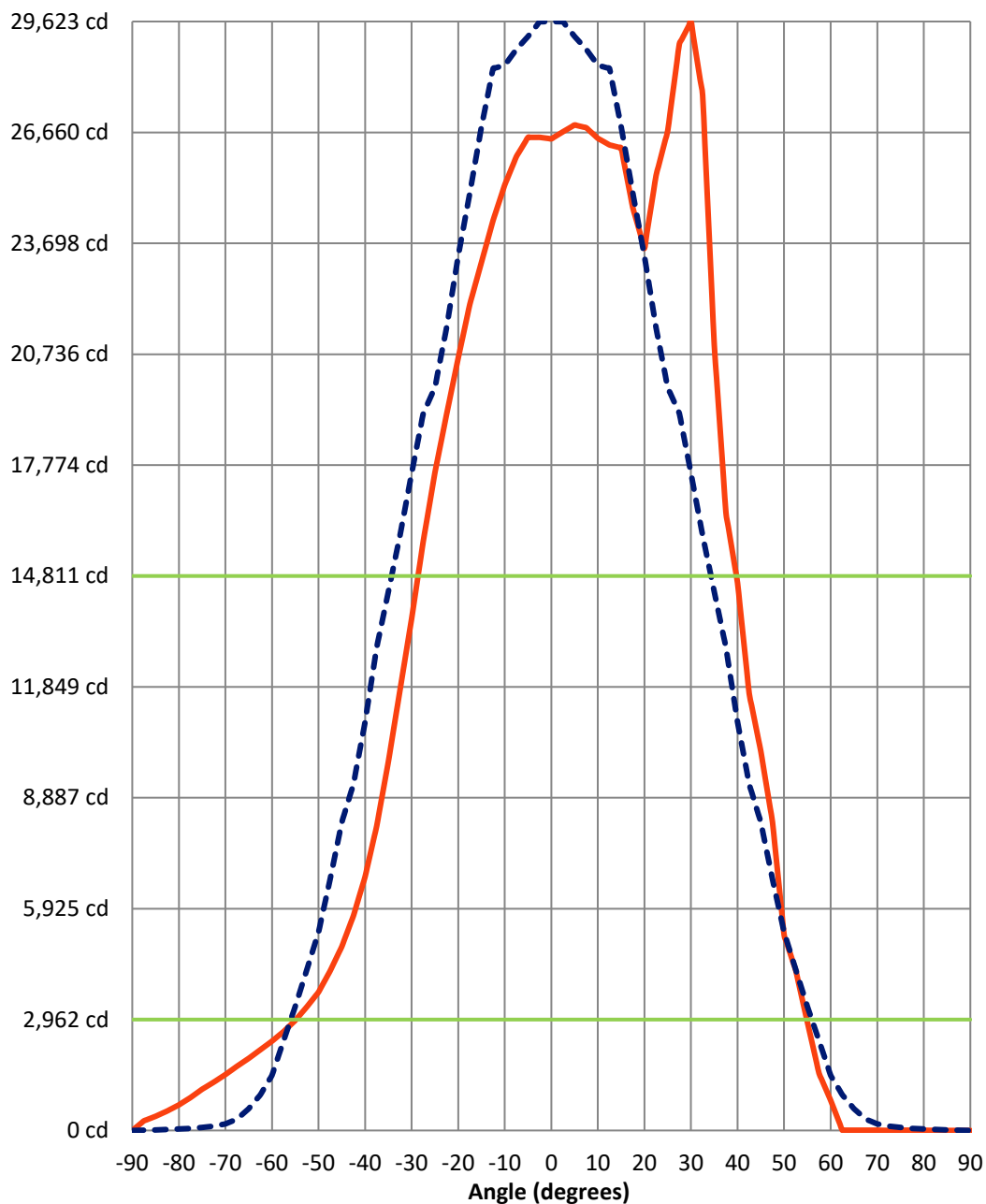
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 27070

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 40004.2

Efficiency: 94.3%

Spill:

Lumens: 2428.2

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	6.8	6.8	6.8	6.8	6.8	6.8	6.8
85°	0.0	6.8	6.8	6.8	13.5	13.5	13.5	13.5	13.5	13.5	20.3
82.5°	0.0	6.8	6.8	6.8	13.5	13.5	13.5	13.5	20.3	20.3	27.0
80°	6.8	6.8	6.8	6.8	13.5	13.5	13.5	20.3	20.3	27.0	27.0
77.5°	6.8	6.8	6.8	13.5	13.5	13.5	20.3	20.3	27.0	27.0	33.8
75°	6.8	6.8	6.8	13.5	13.5	20.3	20.3	20.3	27.0	27.0	33.8
72.5°	0.0	6.8	6.8	13.5	13.5	20.3	20.3	20.3	27.0	27.0	27.0
70°	6.8	6.8	6.8	13.5	13.5	20.3	20.3	20.3	27.0	27.0	27.0
67.5°	6.8	6.8	6.8	13.5	13.5	20.3	20.3	27.0	27.0	27.0	33.8
65°	6.8	6.8	6.8	13.5	20.3	20.3	27.0	33.8	33.8	40.5	47.3
62.5°	6.8	13.5	13.5	20.3	27.0	33.8	74.3	114.8	114.8	81.1	67.6
60°	803.9	871.4	864.7	783.6	682.3	574.2	553.9	533.7	493.1	432.3	452.6
57.5°	1526.7	1607.8	1641.6	1621.3	1567.3	1472.7	1418.6	1357.8	1276.8	1182.2	1074.1
55°	2891.3	2925.1	2850.8	2708.9	2553.5	2398.2	2344.1	2263.1	2141.5	2019.9	1857.7
52.5°	4276.2	4391.0	4357.2	4215.4	4006.0	3729.0	3425.0	3188.6	3046.7	2911.6	2749.5
50°	5221.9	5269.2	5363.8	5532.7	5593.5	5404.3	4911.2	4276.2	3823.6	4053.3	3877.6
47.5°	8241.6	8478.0	8430.8	8309.2	8106.5	7593.1	6904.0	6336.6	5863.7	5708.3	5735.3
45°	10126.4	10220.9	10187.2	10133.1	10038.5	9558.9	8795.6	7924.1	7485.0	7309.4	7127.0
42.5°	11673.4	11774.7	11795.0	11801.7	11700.4	11261.3	10572.2	9700.8	9261.7	8755.0	8356.5
40°	14625.5	14774.1	14605.2	14382.3	14044.5	13544.6	12869.1	12065.2	11288.3	10666.8	10193.9
37.5°	16510.2	16692.6	16760.2	16746.7	16672.4	16456.2	15625.3	14861.9	13673.0	12281.3	12531.3
35°	20982.3	21171.5	21117.4	20914.8	20806.7	20577.0	19766.3	18861.1	17368.2	15855.0	15449.6
32.5°	27649.9	28062.0	27291.9	26447.5	25927.3	26109.7	25285.5	23069.7	22380.7	19651.5	18388.2
30°	29622.5	29615.7	29223.9	28879.4	28453.8	28366.0	26812.2	25042.3	23353.5	21441.7	19847.4
27.5°	29021.3	28899.7	28568.7	28318.7	27920.1	27710.7	26190.8	24785.6	22833.3	21124.2	19584.0
25°	26704.2	26798.7	26461.0	26413.7	26258.3	25853.0	25096.4	23515.6	21772.7	19881.2	18773.3
22.5°	25508.5	25474.7	25069.4	24832.9	25022.1	24589.7	24285.7	22691.4	20874.2	19280.0	17949.1
20°	23562.9	23569.6	23468.3	23448.1	23333.2	23137.3	22894.1	21766.0	20482.4	19117.8	17516.8
17.5°	24650.5	24927.5	25049.1	24042.5	24326.3	24103.3	23846.6	22272.6	21306.6	20097.4	18009.9
15°	26244.8	26143.5	26021.9	25967.8	25812.4	25603.0	25136.9	23880.4	22218.6	20968.8	19340.8
12.5°	26325.9	26130.0	26082.7	26075.9	25913.8	25623.3	25170.7	24130.3	22657.7	21137.7	19813.6
10°	26501.5	26298.8	26271.8	26305.6	26055.6	25873.2	25420.6	24454.6	22792.8	21428.2	20178.4
7.5°	26785.2	26447.5	26602.8	26501.5	26386.7	26096.2	25609.8	24664.0	23285.9	21813.2	20502.7
5°	26859.5	26488.0	26656.9	26562.3	26393.4	26109.7	25582.8	24799.1	23589.9	21968.6	20631.0
2.5°	26677.1	26569.1	26494.7	26319.1	26244.8	25934.0	25434.1	24596.5	23448.1	21901.1	20604.0
0°	26488.0	26582.6	26413.7	26238.0	26204.3	25954.3	25528.7	24772.1	23779.1	22090.2	20833.7
-2.5°	26528.5	26454.2	26339.4	26157.0	25981.3	25623.3	25238.2	24528.9	23461.6	21678.1	20509.4
-5°	26528.5	26184.0	26197.5	26204.3	26028.6	25657.1	25190.9	24589.7	23272.4	21671.4	20414.9
-7.5°	26015.1	25717.9	25670.6	25630.1	25582.8	25238.2	24873.4	24123.6	22954.9	21495.7	20151.4
-10°	25258.5	24968.0	24995.0	24934.2	24785.6	24555.9	24279.0	23603.4	22644.2	20941.8	19617.7
-12.5°	24312.7	24184.4	24110.1	24008.8	23860.1	23657.5	23373.7	22738.7	21711.9	20259.5	19003.0
-15°	23191.3	23096.8	23029.2	22968.4	22752.2	22542.8	22171.3	21583.6	20941.8	19381.3	18097.8
-17.5°	22069.9	21833.5	21738.9	21657.9	21516.0	21178.2	20840.5	20401.4	19502.9	18266.6	17165.5
-20°	20631.0	20489.2	20374.3	20266.3	20063.6	19800.1	19523.2	19016.5	18239.6	17239.8	16098.2

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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°	19124.6	19043.5	18948.9	18813.8	18678.7	18428.8	18043.7	17557.3	16949.3	15868.5	14801.1
-25°	17570.8	17415.5	17300.6	17172.3	17064.2	16834.5	16463.0	15996.8	15233.5	14301.2	13409.5
-27.5°	15740.1	15591.5	15530.7	15382.1	15287.5	15078.1	14706.5	14274.2	13585.1	12801.5	11896.3
-30°	13673.0	13700.0	13632.4	13490.6	13375.7	13105.5	12821.8	12457.0	11916.6	11166.7	10356.1
-32.5°	11761.2	11795.0	11713.9	11565.3	11416.7	11220.7	10957.3	10626.3	10220.9	9504.9	8802.3
-35°	9849.4	9835.9	9768.3	9680.5	9579.2	9417.1	9119.8	8869.9	8403.7	7903.8	7417.4
-37.5°	8133.5	8167.3	8147.0	8099.7	7984.9	7849.8	7606.6	7376.9	7032.4	6593.3	6215.0
-40°	6775.7	6816.2	6789.2	6741.9	6640.6	6559.5	6397.4	6194.7	5917.7	5539.4	5221.9
-42.5°	5735.3	5762.4	5728.6	5688.1	5600.2	5539.4	5411.1	5242.2	5012.5	4722.0	4438.3
-45°	4911.2	4917.9	4884.2	4857.1	4789.6	4715.3	4607.2	4472.1	4289.7	4087.0	3857.3
-47.5°	4262.7	4255.9	4222.1	4195.1	4141.1	4073.5	3985.7	3864.1	3722.2	3566.9	3384.5
-50°	3695.2	3729.0	3715.5	3688.5	3647.9	3600.6	3512.8	3384.5	3242.6	3127.8	2999.4
-52.5°	3303.4	3310.2	3303.4	3303.4	3296.6	3262.9	3161.5	3033.2	2877.8	2776.5	2668.4
-55°	2938.6	2972.4	2985.9	2999.4	3006.2	3006.2	2884.6	2749.5	2600.8	2499.5	2418.4
-57.5°	2641.4	2661.6	2675.1	2708.9	2735.9	2756.2	2648.1	2526.5	2411.7	2317.1	2242.8
-60°	2384.7	2411.7	2432.0	2465.7	2486.0	2499.5	2432.0	2350.9	2283.3	2222.5	2114.4
-62.5°	2155.0	2175.2	2195.5	2215.8	2236.0	2249.6	2222.5	2182.0	2148.2	2121.2	1986.1
-65°	1925.3	1945.6	1965.8	1992.8	2013.1	2026.6	2019.9	1992.8	1965.8	1938.8	1817.2
-67.5°	1715.9	1736.1	1763.2	1769.9	1783.4	1790.2	1776.7	1756.4	1722.6	1688.9	1594.3
-70°	1492.9	1506.5	1520.0	1520.0	1520.0	1513.2	1499.7	1472.7	1438.9	1391.6	1317.3
-72.5°	1290.3	1303.8	1317.3	1297.0	1283.5	1263.3	1243.0	1209.2	1175.4	1141.7	1101.1
-75°	1101.1	1107.9	1107.9	1080.9	1060.6	1040.3	1013.3	993.0	959.3	932.2	898.5
-77.5°	878.2	878.2	878.2	857.9	844.4	830.9	810.7	790.4	763.4	743.1	716.1
-80°	682.3	682.3	682.3	675.5	655.3	641.8	628.3	614.7	594.5	581.0	567.5
-82.5°	520.2	520.2	520.2	513.4	499.9	493.1	479.6	466.1	459.4	445.9	439.1
-85°	378.3	385.1	385.1	378.3	371.5	358.0	351.3	344.5	337.8	331.0	317.5
-87.5°	256.7	256.7	256.7	250.0	243.2	243.2	236.4	222.9	209.4	202.7	195.9
-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°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
85°	20.3	20.3	20.3	27.0	27.0	27.0	27.0	27.0	27.0	27.0	20.3
82.5°	33.8	33.8	40.5	40.5	47.3	47.3	47.3	47.3	47.3	47.3	47.3
80°	33.8	40.5	47.3	54.0	60.8	67.6	67.6	67.6	67.6	60.8	60.8
77.5°	40.5	40.5	47.3	54.0	60.8	67.6	74.3	81.1	74.3	74.3	74.3
75°	40.5	47.3	47.3	54.0	60.8	67.6	74.3	81.1	81.1	81.1	81.1
72.5°	33.8	40.5	47.3	54.0	54.0	60.8	67.6	67.6	74.3	74.3	81.1
70°	33.8	40.5	47.3	47.3	54.0	54.0	60.8	67.6	67.6	74.3	74.3
67.5°	40.5	47.3	47.3	54.0	60.8	60.8	60.8	67.6	67.6	74.3	74.3
65°	47.3	54.0	54.0	60.8	67.6	67.6	74.3	74.3	74.3	81.1	81.1
62.5°	81.1	81.1	81.1	74.3	81.1	81.1	81.1	87.8	87.8	81.1	87.8
60°	418.8	304.0	209.4	263.5	236.4	108.1	108.1	108.1	101.3	101.3	94.6
57.5°	986.3	918.7	790.4	668.8	601.2	533.7	331.0	135.1	135.1	121.6	108.1
55°	1648.3	1425.4	1330.8	1168.7	993.0	912.0	756.6	513.4	243.2	162.1	141.9
52.5°	2553.5	2344.1	2100.9	1769.9	1533.5	1344.3	1216.0	966.0	648.5	344.5	216.2
50°	3418.2	3323.7	3175.0	2850.8	2357.6	2040.1	1830.7	1547.0	1161.9	709.3	405.3
47.5°	5505.7	4715.3	4235.6	3985.7	3573.6	2972.4	2567.1	2249.6	1783.4	1195.7	716.1
45°	6931.1	6431.2	5667.8	5140.9	4532.9	3897.9	3371.0	3006.2	2452.2	1790.2	1121.4
42.5°	8153.8	7721.4	7032.4	6262.3	5620.5	4789.6	4114.0	3634.4	3168.3	2445.5	1675.3
40°	9727.8	9214.4	8552.4	7802.5	7052.7	5992.1	4897.7	4316.7	3803.3	3161.5	2263.1
37.5°	12321.9	11416.7	10335.8	9504.9	8525.3	7626.9	6127.2	5100.3	4492.4	3823.6	2952.1
35°	15442.9	14449.8	12646.1	11545.0	10234.5	8896.9	7545.8	6025.8	5161.1	4451.8	3587.1
32.5°	18347.7	16895.3	14584.9	13294.7	12423.2	9957.5	8559.1	7241.8	5850.2	4978.7	3951.9
30°	19151.6	17550.6	15895.5	14389.0	12902.8	10910.0	9254.9	8228.1	6714.9	5296.2	4296.4
27.5°	18341.0	17239.8	15956.3	14557.9	12950.1	11241.0	9680.5	8701.0	7349.9	5512.4	4566.7
25°	17516.8	16368.4	15469.9	14301.2	12815.0	11220.7	9694.0	8998.2	7843.0	5931.3	4715.3
22.5°	16645.3	15929.3	15186.2	13882.4	12477.3	11281.5	10133.1	9254.9	8099.7	6404.1	4776.1
20°	16692.6	16226.5	15409.1	13666.2	12416.5	11639.6	10660.0	9579.2	8376.7	6816.2	4823.4
17.5°	17449.2	16841.3	15814.4	14301.2	12963.6	12004.4	11099.1	10025.0	8660.4	7181.0	5397.6
15°	18381.5	17456.0	16381.9	15051.1	13537.9	12402.9	11436.9	10335.8	8984.7	7518.8	5911.0
12.5°	19057.0	17739.7	16733.2	15530.7	14159.4	12835.3	11659.8	10572.2	9288.7	7795.8	6296.0
10°	19286.7	18091.0	16902.1	15827.9	14476.9	13065.0	11828.7	10720.8	9552.2	8011.9	6579.8
7.5°	19408.3	18395.0	17016.9	15963.0	14666.0	13206.8	11963.8	10801.9	9761.6	8160.5	6762.2
5°	19394.8	18557.1	17104.7	16003.6	14767.3	13267.6	12058.4	10822.2	9910.2	8288.9	6870.3
2.5°	19334.0	18665.2	17246.6	16071.1	14970.0	13382.5	12240.8	10862.7	9964.2	8430.8	6944.6
0°	19556.9	18672.0	17395.2	16091.4	15105.1	13423.0	12321.9	10828.9	9889.9	8471.3	6937.8
-2.5°	19077.3	18273.4	17361.4	15915.8	14922.7	13328.4	12173.3	10720.8	9727.8	8424.0	6910.8
-5°	18996.2	17982.9	17077.7	15753.6	14618.7	13132.5	11896.3	10518.2	9471.1	8268.6	6802.7
-7.5°	18780.1	17705.9	16800.7	15625.3	14335.0	12929.9	11632.8	10308.8	9194.1	8025.4	6647.3
-10°	18307.2	17280.4	16503.5	15348.3	13990.5	12639.4	11315.3	10031.8	8869.9	7694.4	6404.1
-12.5°	17631.6	16604.8	15834.7	14760.6	13558.1	12247.6	10937.0	9673.8	8498.3	7343.1	6113.7
-15°	16868.3	15827.9	15057.8	14078.3	12916.4	11639.6	10457.4	9221.1	8072.7	6971.6	5769.1
-17.5°	16003.6	15017.3	14274.2	13321.7	12166.5	10950.5	9775.1	8653.7	7579.6	6586.5	5370.6
-20°	15003.8	14044.5	13362.2	12409.7	11349.1	10166.9	9025.2	7964.6	6998.6	6066.4	4931.5

REPORT NUMBER: P722592

CATALOG NUMBER: IFLD-L-SA7E-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°	13767.5	12923.1	12146.2	11295.1	10369.6	9288.7	8228.1	7289.1	6363.6	5451.6	4478.8
-25°	12504.3	11686.9	10930.3	10153.4	9268.4	8336.2	7431.0	6579.8	5674.6	4850.4	4039.7
-27.5°	11099.1	10369.6	9694.0	8977.9	8167.3	7363.4	6620.3	5789.4	5005.8	4303.2	3607.4
-30°	9599.4	9005.0	8417.2	7782.2	7127.0	6451.4	5789.4	5005.8	4391.0	3830.3	3242.6
-32.5°	8160.5	7626.9	7154.0	6681.1	6113.7	5559.7	4972.0	4391.0	3877.6	3384.5	2891.3
-35°	6897.3	6329.8	6066.4	5688.1	5235.4	4735.5	4255.9	3850.6	3438.5	2992.6	2553.5
-37.5°	5802.9	5438.1	5127.4	4843.6	4485.6	4053.3	3708.7	3377.7	3033.2	2627.9	2249.6
-40°	4945.0	4681.5	4370.8	4161.3	3870.9	3560.1	3215.6	2938.6	2648.1	2317.1	2006.4
-42.5°	4255.9	4039.7	3837.1	3614.1	3398.0	3134.5	2837.3	2573.8	2310.4	2067.2	1810.5
-45°	3688.5	3533.1	3371.0	3188.6	2999.4	2769.7	2526.5	2256.3	2067.2	1851.0	1634.8
-47.5°	3222.3	3107.5	2972.4	2830.5	2668.4	2465.7	2242.8	2046.9	1851.0	1668.6	1459.2
-50°	2850.8	2742.7	2634.6	2513.0	2371.2	2195.5	2026.6	1844.2	1661.8	1486.2	1290.3
-52.5°	2540.0	2445.5	2357.6	2256.3	2121.2	1972.6	1817.2	1655.1	1486.2	1310.6	1155.2
-55°	2323.9	2215.8	2128.0	2026.6	1905.0	1763.2	1621.3	1472.7	1310.6	1175.4	1047.1
-57.5°	2148.2	2026.6	1925.3	1817.2	1695.6	1574.0	1445.7	1310.6	1189.0	1060.6	939.0
-60°	1999.6	1857.7	1742.9	1634.8	1520.0	1405.1	1297.0	1182.2	1067.4	952.5	830.9
-62.5°	1844.2	1695.6	1553.7	1452.4	1364.6	1263.3	1168.7	1060.6	959.3	844.4	756.6
-65°	1668.6	1526.7	1391.6	1303.8	1222.7	1134.9	1047.1	952.5	864.7	776.9	695.8
-67.5°	1472.7	1351.1	1256.5	1175.4	1094.4	1020.1	939.0	857.9	783.6	695.8	614.7
-70°	1236.2	1168.7	1114.6	1053.8	979.5	912.0	837.7	763.4	682.3	608.0	533.7
-72.5°	1053.8	1013.3	972.8	912.0	844.4	783.6	722.8	655.3	587.7	520.2	459.4
-75°	864.7	830.9	797.1	756.6	702.6	655.3	601.2	540.4	486.4	439.1	391.8
-77.5°	695.8	668.8	648.5	614.7	574.2	533.7	499.9	459.4	418.8	371.5	324.3
-80°	553.9	540.4	533.7	520.2	486.4	452.6	425.6	391.8	351.3	317.5	283.7
-82.5°	432.3	432.3	425.6	418.8	391.8	364.8	344.5	317.5	290.5	263.5	229.7
-85°	317.5	310.7	310.7	304.0	283.7	270.2	250.0	236.4	216.2	189.2	175.6
-87.5°	189.2	182.4	175.6	168.9	155.4	148.6	135.1	128.4	114.8	101.3	94.6
-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: P722592

CATALOG NUMBER: IFLD-L-SA7E-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°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	0.0	0.0
85°	20.3	13.5	13.5	13.5	13.5	13.5	6.8	6.8	6.8	6.8	6.8
82.5°	40.5	40.5	33.8	33.8	27.0	20.3	13.5	13.5	13.5	6.8	6.8
80°	60.8	60.8	60.8	54.0	47.3	33.8	27.0	20.3	13.5	6.8	6.8
77.5°	74.3	67.6	67.6	60.8	60.8	54.0	40.5	33.8	20.3	13.5	6.8
75°	74.3	74.3	74.3	67.6	67.6	60.8	54.0	40.5	33.8	20.3	13.5
72.5°	81.1	74.3	74.3	74.3	67.6	60.8	54.0	47.3	40.5	27.0	13.5
70°	74.3	74.3	74.3	74.3	67.6	67.6	54.0	47.3	47.3	27.0	20.3
67.5°	74.3	74.3	74.3	67.6	67.6	60.8	54.0	47.3	47.3	33.8	20.3
65°	81.1	74.3	74.3	74.3	67.6	60.8	54.0	47.3	47.3	40.5	27.0
62.5°	87.8	81.1	81.1	74.3	67.6	60.8	54.0	47.3	47.3	40.5	27.0
60°	94.6	87.8	81.1	81.1	74.3	67.6	54.0	54.0	47.3	40.5	27.0
57.5°	101.3	94.6	94.6	87.8	81.1	74.3	60.8	54.0	47.3	40.5	33.8
55°	121.6	108.1	101.3	101.3	94.6	81.1	67.6	54.0	47.3	40.5	33.8
52.5°	162.1	128.4	114.8	114.8	108.1	94.6	74.3	60.8	47.3	40.5	33.8
50°	256.7	162.1	135.1	121.6	121.6	108.1	87.8	67.6	47.3	40.5	33.8
47.5°	405.3	270.2	162.1	141.9	135.1	128.4	101.3	67.6	54.0	40.5	33.8
45°	668.8	398.6	263.5	168.9	141.9	135.1	114.8	74.3	54.0	47.3	33.8
42.5°	918.7	621.5	405.3	202.7	168.9	148.6	121.6	81.1	60.8	47.3	33.8
40°	1445.7	851.2	567.5	331.0	195.9	155.4	135.1	94.6	60.8	47.3	33.8
37.5°	1959.1	1128.2	763.4	486.4	222.9	175.6	141.9	101.3	67.6	47.3	40.5
35°	2472.5	1580.8	945.8	648.5	297.2	209.4	148.6	108.1	67.6	47.3	40.5
32.5°	2931.9	2006.4	1134.9	810.7	445.9	250.0	162.1	114.8	74.3	54.0	40.5
30°	3310.2	2398.2	1472.7	952.5	581.0	304.0	175.6	114.8	81.1	54.0	40.5
27.5°	3593.9	2702.2	1817.2	1101.1	695.8	358.0	202.7	128.4	81.1	54.0	40.5
25°	3823.6	2938.6	2121.2	1256.5	797.1	445.9	243.2	135.1	87.8	60.8	40.5
22.5°	4006.0	3134.5	2371.2	1465.9	918.7	533.7	297.2	148.6	87.8	60.8	40.5
20°	4255.9	3330.4	2540.0	1688.9	1047.1	614.7	344.5	162.1	87.8	60.8	47.3
17.5°	4472.1	3526.3	2675.1	1878.0	1175.4	675.5	398.6	175.6	94.6	60.8	47.3
15°	4722.0	3715.5	2796.7	2026.6	1297.0	729.6	445.9	189.2	94.6	67.6	47.3
12.5°	4992.3	3891.1	2884.6	2148.2	1425.4	776.9	486.4	216.2	101.3	67.6	47.3
10°	5269.2	4039.7	2958.9	2236.0	1520.0	824.2	513.4	243.2	108.1	67.6	47.3
7.5°	5546.2	4174.8	3053.4	2276.6	1560.5	878.2	526.9	270.2	108.1	74.3	47.3
5°	5735.3	4262.7	3188.6	2303.6	1580.8	939.0	547.2	304.0	114.8	74.3	47.3
2.5°	5897.5	4316.7	3330.4	2323.9	1587.5	972.8	540.4	324.3	121.6	74.3	47.3
0°	5971.8	4316.7	3425.0	2310.4	1567.3	1006.6	540.4	344.5	121.6	74.3	47.3
-2.5°	5856.9	4438.3	3398.0	2317.1	1574.0	1006.6	567.5	351.3	135.1	81.1	47.3
-5°	5674.6	4485.6	3316.9	2283.3	1560.5	1006.6	601.2	358.0	141.9	81.1	54.0
-7.5°	5498.9	4505.9	3222.3	2249.6	1540.2	979.5	608.0	351.3	155.4	87.8	54.0
-10°	5269.2	4282.9	3100.7	2188.8	1499.7	959.3	621.5	351.3	162.1	87.8	54.0
-12.5°	5005.8	4012.7	2952.1	2100.9	1452.4	939.0	628.3	351.3	168.9	94.6	54.0
-15°	4701.8	3735.7	2783.2	2006.4	1384.9	912.0	614.7	344.5	175.6	94.6	60.8
-17.5°	4357.2	3465.5	2607.6	1891.5	1310.6	878.2	587.7	337.8	175.6	94.6	60.8
-20°	3965.4	3195.3	2411.7	1776.7	1222.7	837.7	560.7	324.3	175.6	94.6	60.8



REPORT NUMBER: P722592

CATALOG NUMBER: IFLD-L-SA7E-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°	3614.1	2945.4	2209.0	1648.3	1128.2	790.4	526.9	310.7	175.6	101.3	60.8
-25°	3323.7	2702.2	2053.6	1520.0	1026.8	736.3	493.1	297.2	175.6	101.3	60.8
-27.5°	3019.7	2438.7	1891.5	1398.4	959.3	689.1	459.4	283.7	168.9	101.3	60.8
-30°	2708.9	2182.0	1722.6	1263.3	891.7	641.8	432.3	263.5	168.9	101.3	60.8
-32.5°	2425.2	1972.6	1567.3	1128.2	817.4	594.5	405.3	256.7	162.1	101.3	60.8
-35°	2148.2	1783.4	1405.1	1020.1	736.3	547.2	378.3	250.0	162.1	101.3	60.8
-37.5°	1918.5	1607.8	1256.5	945.8	689.1	506.7	351.3	236.4	155.4	101.3	60.8
-40°	1729.4	1445.7	1114.6	864.7	648.5	466.1	324.3	229.7	155.4	101.3	60.8
-42.5°	1553.7	1290.3	1026.8	797.1	608.0	439.1	304.0	222.9	148.6	101.3	60.8
-45°	1398.4	1155.2	939.0	736.3	560.7	405.3	290.5	209.4	141.9	101.3	67.6
-47.5°	1243.0	1060.6	857.9	682.3	513.4	364.8	277.0	202.7	135.1	94.6	67.6
-50°	1121.4	959.3	790.4	621.5	466.1	351.3	263.5	189.2	135.1	94.6	67.6
-52.5°	1013.3	864.7	716.1	560.7	425.6	331.0	250.0	175.6	128.4	94.6	67.6
-55°	912.0	776.9	641.8	499.9	398.6	310.7	229.7	162.1	128.4	94.6	67.6
-57.5°	810.7	695.8	567.5	452.6	364.8	290.5	216.2	162.1	128.4	94.6	67.6
-60°	729.6	621.5	513.4	418.8	337.8	263.5	195.9	155.4	121.6	94.6	67.6
-62.5°	662.0	560.7	466.1	378.3	310.7	236.4	189.2	155.4	121.6	94.6	60.8
-65°	594.5	506.7	418.8	344.5	277.0	222.9	182.4	148.6	121.6	94.6	60.8
-67.5°	526.9	445.9	378.3	304.0	256.7	216.2	175.6	148.6	114.8	87.8	60.8
-70°	459.4	391.8	331.0	283.7	243.2	202.7	168.9	141.9	114.8	81.1	54.0
-72.5°	405.3	344.5	297.2	263.5	229.7	195.9	162.1	135.1	108.1	74.3	47.3
-75°	344.5	304.0	270.2	236.4	209.4	182.4	155.4	121.6	94.6	67.6	47.3
-77.5°	290.5	263.5	236.4	216.2	189.2	162.1	135.1	108.1	87.8	60.8	40.5
-80°	250.0	229.7	209.4	189.2	168.9	141.9	121.6	94.6	74.3	54.0	33.8
-82.5°	202.7	189.2	168.9	155.4	141.9	121.6	101.3	81.1	54.0	40.5	27.0
-85°	155.4	141.9	135.1	121.6	108.1	87.8	67.6	54.0	40.5	27.0	13.5
-87.5°	81.1	74.3	67.6	60.8	54.0	40.5	33.8	27.0	20.3	13.5	6.8
-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: P722592

CATALOG NUMBER: IFLD-L-SA7E-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°	6.8	0.0	0.0	0.0
77.5°	6.8	0.0	0.0	0.0
75°	6.8	6.8	0.0	0.0
72.5°	6.8	6.8	0.0	0.0
70°	6.8	6.8	0.0	0.0
67.5°	13.5	6.8	0.0	0.0
65°	13.5	6.8	0.0	0.0
62.5°	13.5	6.8	0.0	0.0
60°	13.5	6.8	0.0	0.0
57.5°	20.3	6.8	6.8	0.0
55°	20.3	6.8	6.8	0.0
52.5°	20.3	6.8	6.8	0.0
50°	20.3	13.5	6.8	0.0
47.5°	20.3	13.5	6.8	0.0
45°	20.3	13.5	6.8	0.0
42.5°	20.3	13.5	6.8	0.0
40°	27.0	13.5	6.8	0.0
37.5°	27.0	13.5	6.8	0.0
35°	27.0	13.5	6.8	0.0
32.5°	27.0	13.5	6.8	0.0
30°	27.0	13.5	6.8	0.0
27.5°	27.0	20.3	6.8	0.0
25°	27.0	20.3	6.8	0.0
22.5°	33.8	20.3	6.8	0.0
20°	33.8	20.3	6.8	0.0
17.5°	33.8	20.3	6.8	0.0
15°	33.8	20.3	6.8	0.0
12.5°	33.8	20.3	6.8	0.0
10°	33.8	20.3	6.8	0.0
7.5°	33.8	20.3	6.8	0.0
5°	33.8	20.3	6.8	0.0
2.5°	33.8	20.3	6.8	0.0
0°	33.8	20.3	6.8	0.0
-2.5°	33.8	20.3	6.8	0.0
-5°	33.8	20.3	6.8	0.0
-7.5°	33.8	20.3	6.8	0.0
-10°	33.8	20.3	6.8	0.0
-12.5°	40.5	20.3	6.8	0.0
-15°	40.5	20.3	6.8	0.0
-17.5°	40.5	20.3	6.8	0.0
-20°	40.5	20.3	6.8	0.0



REPORT NUMBER: P722592

CATALOG NUMBER: IFLD-L-SA7E-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	40.5	20.3	6.8	0.0
-25°	40.5	20.3	6.8	0.0
-27.5°	40.5	20.3	6.8	0.0
-30°	40.5	20.3	6.8	0.0
-32.5°	40.5	20.3	6.8	0.0
-35°	40.5	20.3	6.8	0.0
-37.5°	40.5	20.3	6.8	0.0
-40°	40.5	20.3	6.8	0.0
-42.5°	33.8	20.3	6.8	0.0
-45°	40.5	20.3	6.8	0.0
-47.5°	40.5	20.3	6.8	0.0
-50°	40.5	20.3	6.8	0.0
-52.5°	40.5	20.3	6.8	0.0
-55°	40.5	20.3	6.8	0.0
-57.5°	40.5	20.3	6.8	0.0
-60°	40.5	20.3	6.8	0.0
-62.5°	33.8	20.3	6.8	0.0
-65°	33.8	13.5	6.8	0.0
-67.5°	33.8	13.5	6.8	0.0
-70°	33.8	13.5	6.8	0.0
-72.5°	27.0	13.5	6.8	0.0
-75°	27.0	13.5	6.8	0.0
-77.5°	20.3	6.8	0.0	0.0
-80°	20.3	6.8	0.0	0.0
-82.5°	13.5	6.8	0.0	0.0
-85°	6.8	6.8	0.0	0.0
-87.5°	6.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)