

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: P722403

Luminaire Tested: **IFLD-S-SA3E-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722403
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23066 lumens	Max Intensity:	16102.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	99.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	14715.1 lumens	Field Lumens:	21746.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

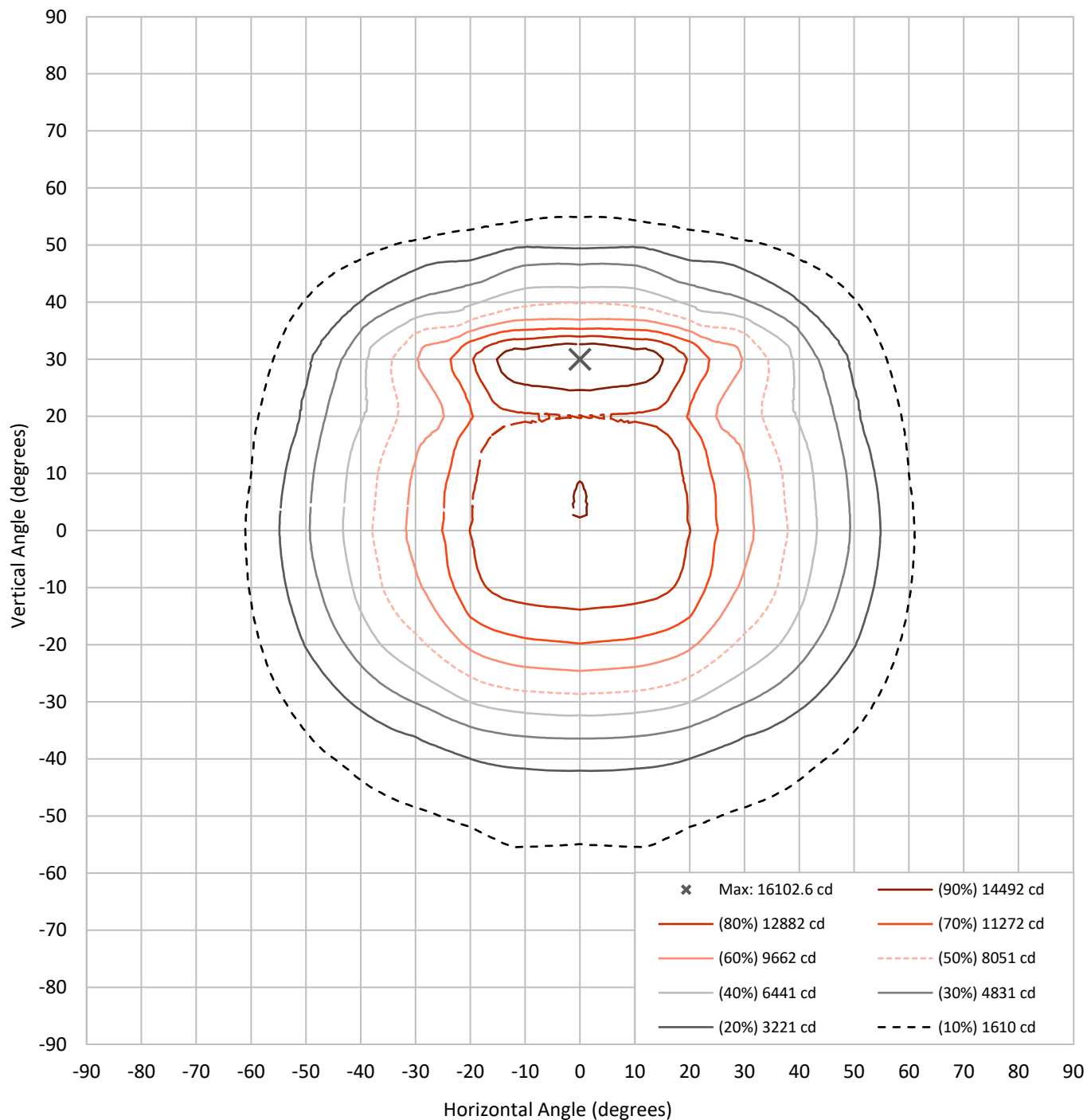
Input Watts (W): 232.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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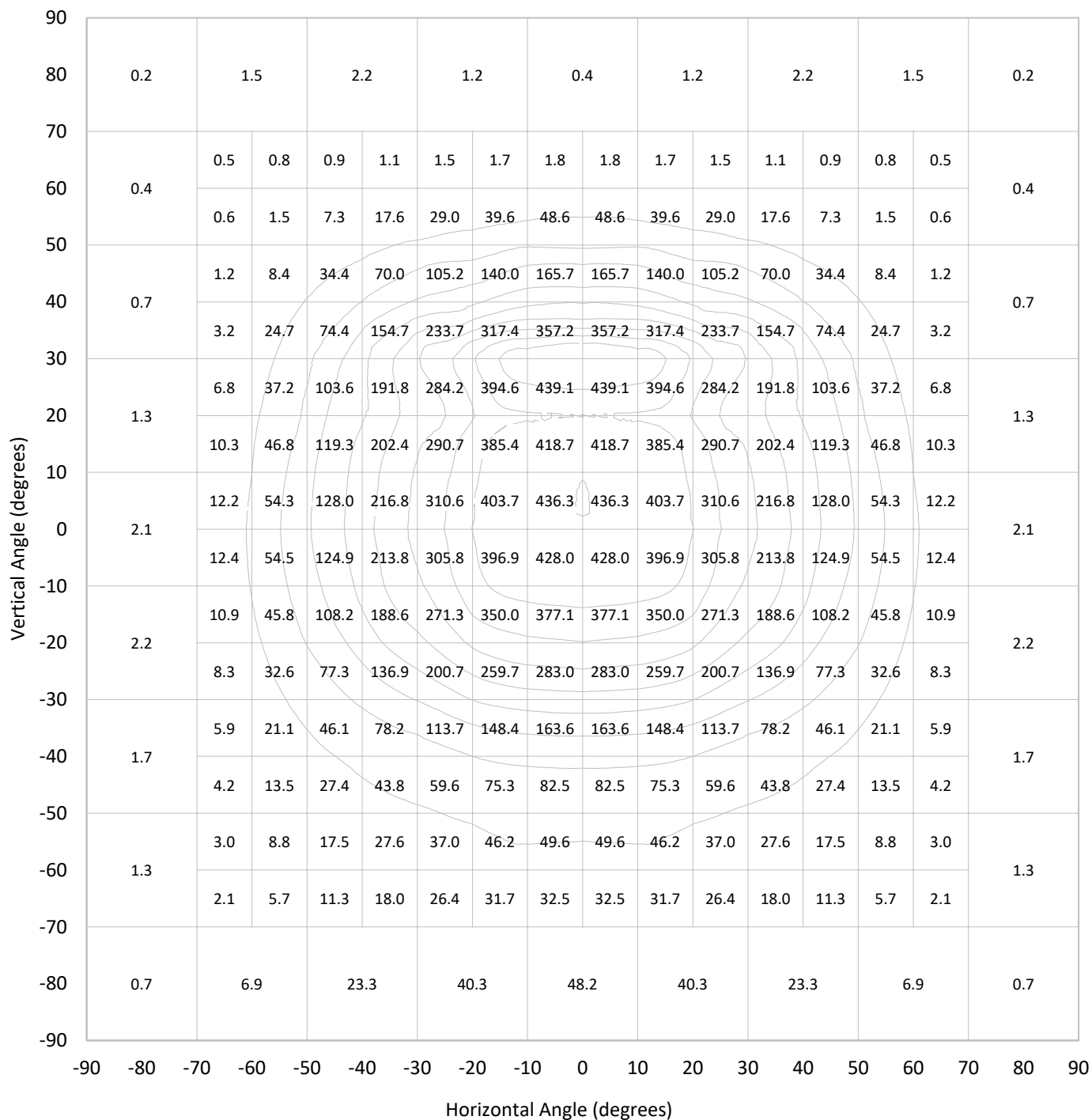
Iso-Candela Plot



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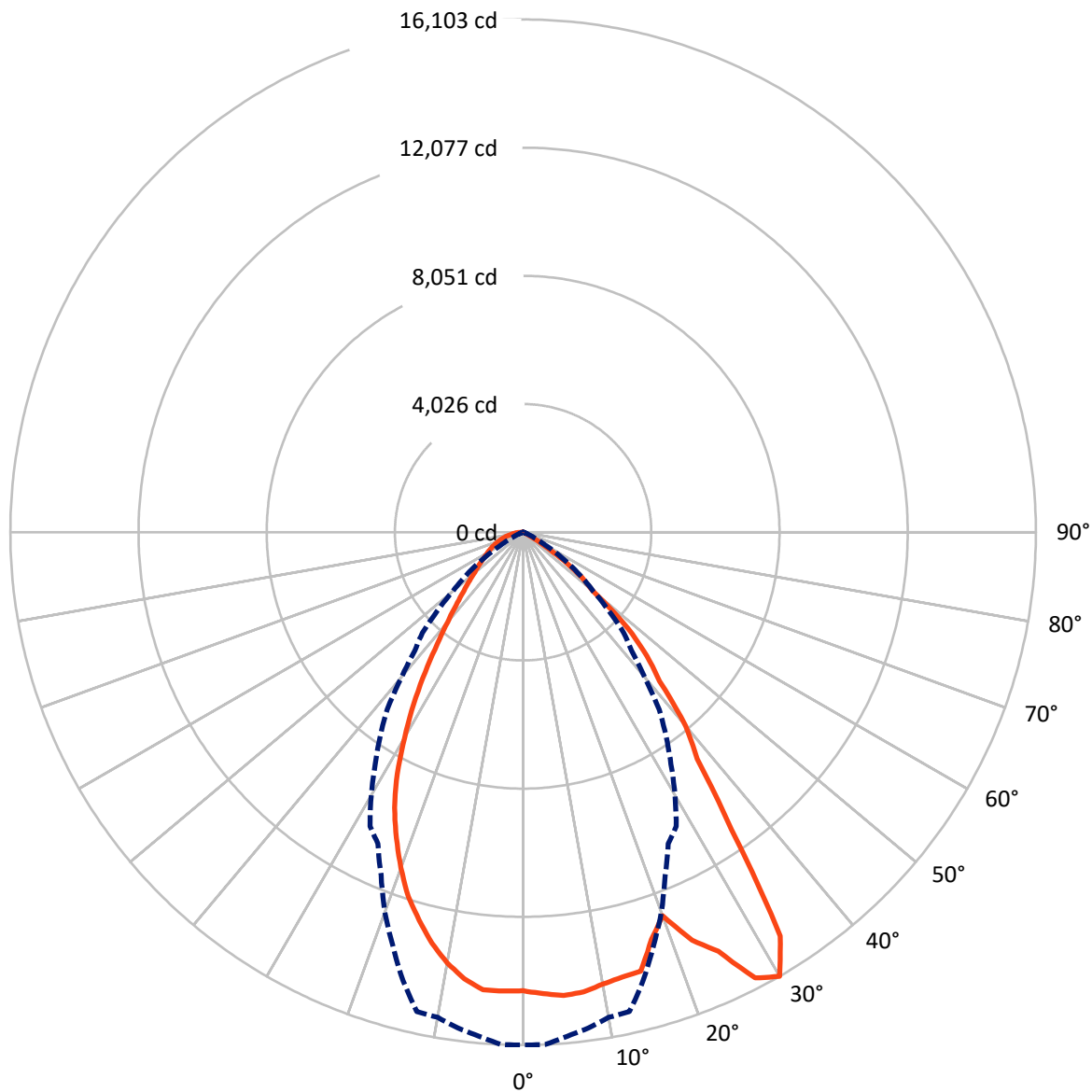
Lumen Table



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Luminous Intensity Polar Plot



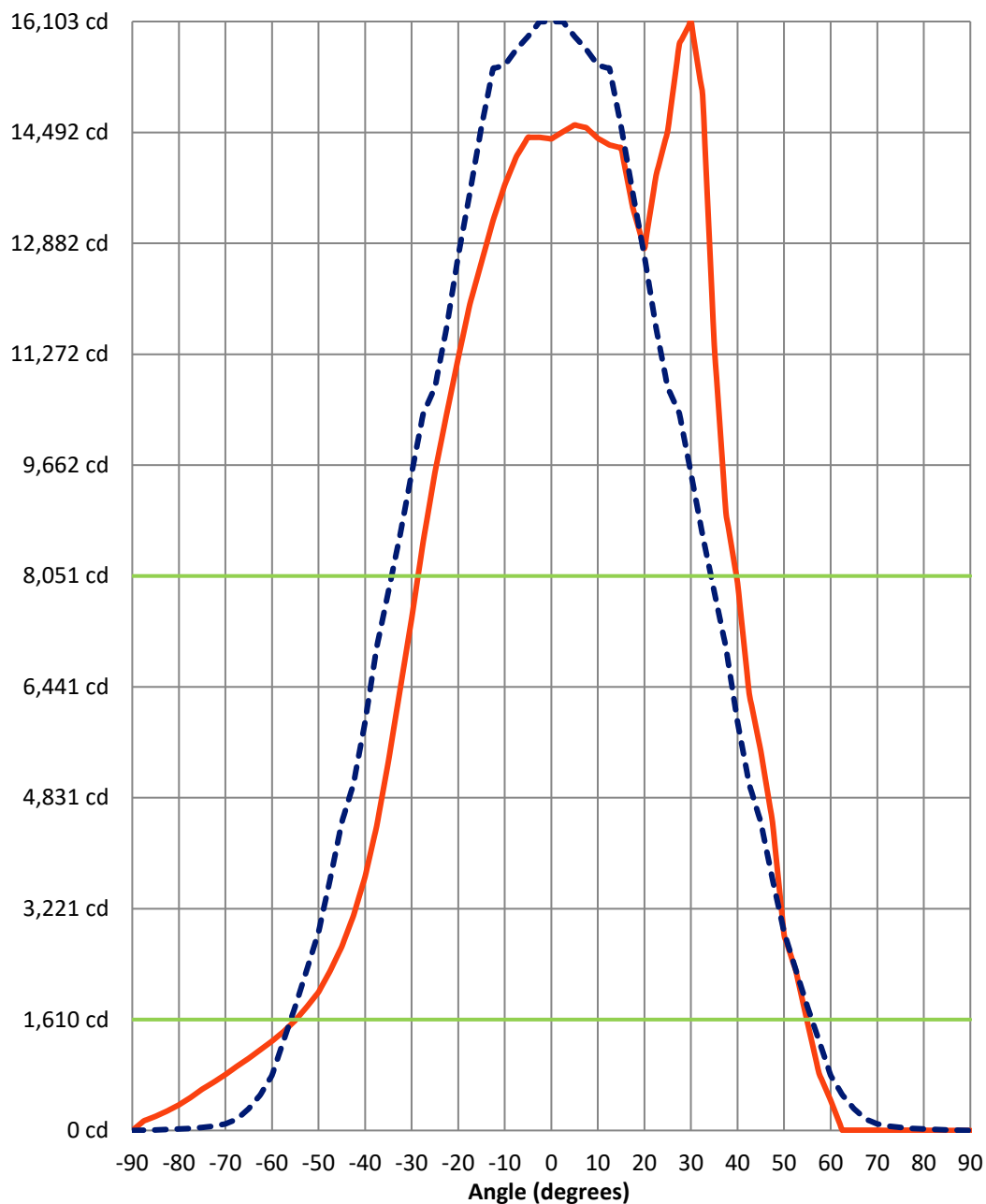
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 14715.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 21746.1

Efficiency: 94.3%

Spill:

Lumens: 1319.9

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	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	0.0	3.7	3.7	3.7	7.3	7.3	7.3	7.3	7.3	7.3	11.0
82.5°	0.0	3.7	3.7	3.7	7.3	7.3	7.3	7.3	11.0	11.0	14.7
80°	3.7	3.7	3.7	3.7	7.3	7.3	7.3	11.0	11.0	14.7	14.7
77.5°	3.7	3.7	3.7	7.3	7.3	7.3	11.0	11.0	14.7	14.7	18.4
75°	3.7	3.7	3.7	7.3	7.3	11.0	11.0	11.0	14.7	14.7	18.4
72.5°	0.0	3.7	3.7	7.3	7.3	11.0	11.0	11.0	14.7	14.7	14.7
70°	3.7	3.7	3.7	7.3	7.3	11.0	11.0	11.0	14.7	14.7	14.7
67.5°	3.7	3.7	3.7	7.3	7.3	11.0	11.0	14.7	14.7	14.7	18.4
65°	3.7	3.7	3.7	7.3	11.0	11.0	14.7	18.4	18.4	22.0	25.7
62.5°	3.7	7.3	7.3	11.0	14.7	18.4	40.4	62.4	62.4	44.1	36.7
60°	437.0	473.7	470.0	426.0	370.9	312.1	301.1	290.1	268.1	235.0	246.0
57.5°	829.9	874.0	892.3	881.3	852.0	800.5	771.2	738.1	694.0	642.6	583.9
55°	1571.7	1590.1	1549.7	1472.6	1388.1	1303.6	1274.3	1230.2	1164.1	1098.0	1009.9
52.5°	2324.5	2386.9	2368.6	2291.5	2177.6	2027.1	1861.8	1733.3	1656.2	1582.7	1494.6
50°	2838.6	2864.3	2915.7	3007.5	3040.6	2937.8	2669.7	2324.5	2078.5	2203.3	2107.8
47.5°	4480.1	4608.6	4582.9	4516.8	4406.7	4127.6	3753.0	3444.5	3187.5	3103.0	3117.7
45°	5504.6	5556.1	5537.7	5508.3	5456.9	5196.2	4781.2	4307.5	4068.8	3973.3	3874.2
42.5°	6345.6	6400.7	6411.7	6415.4	6360.3	6121.6	5747.0	5273.3	5034.6	4759.2	4542.5
40°	7950.3	8031.1	7939.3	7818.1	7634.5	7362.8	6995.6	6558.6	6136.3	5798.4	5541.4
37.5°	8974.9	9074.0	9110.8	9103.4	9063.0	8945.5	8493.8	8078.9	7432.6	6676.1	6812.0
35°	11405.9	11508.7	11479.3	11369.2	11310.4	11185.6	10744.9	10252.8	9441.3	8618.7	8398.3
32.5°	15030.4	15254.4	14835.7	14376.7	14093.9	14193.1	13745.1	12540.6	12166.0	10682.5	9995.8
30°	16102.6	16099.0	15886.0	15698.7	15467.4	15419.6	14575.0	13612.9	12694.8	11655.6	10789.0
27.5°	15775.8	15709.7	15529.8	15393.9	15177.2	15063.4	14237.2	13473.3	12412.1	11483.0	10645.7
25°	14516.3	14567.7	14384.1	14358.3	14273.9	14053.6	13642.3	12783.0	11835.5	10807.3	10205.1
22.5°	13866.3	13847.9	13627.6	13499.0	13601.9	13366.8	13201.6	12335.0	11347.1	10480.5	9757.1
20°	12808.7	12812.3	12757.3	12746.2	12683.8	12577.3	12445.1	11831.9	11134.1	10392.4	9522.0
17.5°	13399.9	13550.5	13616.6	13069.4	13223.6	13102.4	12962.9	12107.3	11582.2	10924.8	9790.1
15°	14266.5	14211.5	14145.4	14116.0	14031.5	13917.7	13664.3	12981.3	12077.9	11398.5	10513.5
12.5°	14310.6	14204.1	14178.4	14174.7	14086.6	13928.7	13682.7	13117.1	12316.6	11490.3	10770.6
10°	14406.1	14295.9	14281.2	14299.6	14163.7	14064.6	13818.5	13293.4	12390.0	11648.3	10968.9
7.5°	14560.3	14376.7	14461.2	14406.1	14343.7	14185.8	13921.4	13407.2	12658.1	11857.6	11145.2
5°	14600.7	14398.7	14490.5	14439.1	14347.3	14193.1	13906.7	13480.7	12823.4	11942.0	11214.9
2.5°	14501.6	14442.8	14402.4	14306.9	14266.5	14097.6	13825.9	13370.5	12746.2	11905.3	11200.2
0°	14398.7	14450.2	14358.3	14262.9	14244.5	14108.6	13877.3	13466.0	12926.2	12008.1	11325.1
-2.5°	14420.8	14380.4	14318.0	14218.8	14123.3	13928.7	13719.4	13333.8	12753.6	11784.1	11148.8
-5°	14420.8	14233.5	14240.8	14244.5	14149.0	13947.1	13693.7	13366.8	12650.8	11780.5	11097.4
-7.5°	14141.7	13980.1	13954.4	13932.4	13906.7	13719.4	13521.1	13113.5	12478.2	11685.0	10954.2
-10°	13730.4	13572.5	13587.2	13554.1	13473.3	13348.5	13197.9	12830.7	12309.3	11383.9	10664.1
-12.5°	13216.3	13146.5	13106.1	13051.0	12970.2	12860.1	12705.9	12360.7	11802.5	11013.0	10329.9
-15°	12606.7	12555.3	12518.6	12485.5	12368.0	12254.2	12052.2	11732.7	11383.9	10535.6	9837.9
-17.5°	11997.1	11868.6	11817.2	11773.1	11696.0	11512.4	11328.8	11090.1	10601.7	9929.7	9331.1
-20°	11214.9	11137.8	11075.4	11016.6	10906.5	10763.3	10612.7	10337.3	9915.0	9371.5	8750.9

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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°	10396.0	10352.0	10300.6	10227.1	10153.7	10017.8	9808.5	9544.1	9213.6	8626.0	8045.8
-25°	9551.4	9467.0	9404.5	9334.8	9276.0	9151.2	8949.2	8695.8	8280.8	7774.1	7289.3
-27.5°	8556.3	8475.5	8442.4	8361.6	8310.2	8196.4	7994.4	7759.4	7384.8	6958.8	6466.8
-30°	7432.6	7447.2	7410.5	7333.4	7271.0	7124.1	6969.9	6771.6	6477.8	6070.2	5629.5
-32.5°	6393.3	6411.7	6367.6	6286.8	6206.0	6099.5	5956.3	5776.4	5556.1	5166.8	4784.9
-35°	5354.1	5346.7	5310.0	5262.3	5207.2	5119.1	4957.5	4821.6	4568.2	4296.5	4032.1
-37.5°	4421.3	4439.7	4428.7	4403.0	4340.6	4267.1	4134.9	4010.1	3822.8	3584.1	3378.4
-40°	3683.2	3705.3	3690.6	3664.9	3609.8	3565.7	3477.6	3367.4	3216.9	3011.2	2838.6
-42.5°	3117.7	3132.4	3114.0	3092.0	3044.3	3011.2	2941.4	2849.6	2724.8	2566.9	2412.6
-45°	2669.7	2673.4	2655.0	2640.3	2603.6	2563.2	2504.4	2431.0	2331.9	2221.7	2096.8
-47.5°	2317.2	2313.5	2295.1	2280.4	2251.1	2214.3	2166.6	2100.5	2023.4	1938.9	1839.8
-50°	2008.7	2027.1	2019.7	2005.0	1983.0	1957.3	1909.5	1839.8	1762.7	1700.2	1630.5
-52.5°	1795.7	1799.4	1795.7	1795.7	1792.0	1773.7	1718.6	1648.8	1564.4	1509.3	1450.5
-55°	1597.4	1615.8	1623.1	1630.5	1634.1	1634.1	1568.0	1494.6	1413.8	1358.7	1314.7
-57.5°	1435.8	1446.9	1454.2	1472.6	1487.2	1498.3	1439.5	1373.4	1311.0	1259.6	1219.2
-60°	1296.3	1311.0	1322.0	1340.4	1351.4	1358.7	1322.0	1277.9	1241.2	1208.2	1149.4
-62.5°	1171.4	1182.5	1193.5	1204.5	1215.5	1222.8	1208.2	1186.1	1167.8	1153.1	1079.6
-65°	1046.6	1057.6	1068.6	1083.3	1094.3	1101.7	1098.0	1083.3	1068.6	1053.9	987.8
-67.5°	932.7	943.8	958.4	962.1	969.5	973.1	965.8	954.8	936.4	918.1	866.6
-70°	811.6	818.9	826.2	826.2	826.2	822.6	815.2	800.5	782.2	756.5	716.1
-72.5°	701.4	708.7	716.1	705.1	697.7	686.7	675.7	657.3	639.0	620.6	598.6
-75°	598.6	602.2	602.2	587.6	576.5	565.5	550.8	539.8	521.5	506.8	488.4
-77.5°	477.4	477.4	477.4	466.4	459.0	451.7	440.7	429.6	415.0	403.9	389.3
-80°	370.9	370.9	370.9	367.2	356.2	348.9	341.5	334.2	323.2	315.8	308.5
-82.5°	282.8	282.8	282.8	279.1	271.7	268.1	260.7	253.4	249.7	242.4	238.7
-85°	205.6	209.3	209.3	205.6	202.0	194.6	191.0	187.3	183.6	179.9	172.6
-87.5°	139.5	139.5	139.5	135.9	132.2	132.2	128.5	121.2	113.8	110.2	106.5
-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	11.0	11.0	11.0	14.7	14.7	14.7	14.7	14.7	14.7	14.7	11.0
82.5°	18.4	18.4	22.0	22.0	25.7	25.7	25.7	25.7	25.7	25.7	25.7
80°	18.4	22.0	25.7	29.4	33.0	36.7	36.7	36.7	36.7	33.0	33.0
77.5°	22.0	22.0	25.7	29.4	33.0	36.7	40.4	44.1	40.4	40.4	40.4
75°	22.0	25.7	25.7	29.4	33.0	36.7	40.4	44.1	44.1	44.1	44.1
72.5°	18.4	22.0	25.7	29.4	29.4	33.0	36.7	36.7	40.4	40.4	44.1
70°	18.4	22.0	25.7	25.7	29.4	29.4	33.0	36.7	36.7	40.4	40.4
67.5°	22.0	25.7	25.7	29.4	33.0	33.0	33.0	36.7	36.7	40.4	40.4
65°	25.7	29.4	29.4	33.0	36.7	36.7	40.4	40.4	40.4	44.1	44.1
62.5°	44.1	44.1	44.1	40.4	44.1	44.1	44.1	47.7	47.7	44.1	47.7
60°	227.7	165.2	113.8	143.2	128.5	58.8	58.8	58.8	55.1	55.1	51.4
57.5°	536.1	499.4	429.6	363.5	326.8	290.1	179.9	73.4	73.4	66.1	58.8
55°	896.0	774.8	723.4	635.3	539.8	495.7	411.3	279.1	132.2	88.1	77.1
52.5°	1388.1	1274.3	1142.1	962.1	833.6	730.8	661.0	525.1	352.5	187.3	117.5
50°	1858.1	1806.7	1725.9	1549.7	1281.6	1109.0	995.2	840.9	631.6	385.6	220.3
47.5°	2992.9	2563.2	2302.5	2166.6	1942.6	1615.8	1395.4	1222.8	969.5	650.0	389.3
45°	3767.7	3495.9	3081.0	2794.6	2464.1	2118.9	1832.4	1634.1	1333.0	973.1	609.6
42.5°	4432.4	4197.3	3822.8	3404.1	3055.3	2603.6	2236.4	1975.6	1722.3	1329.3	910.7
40°	5288.0	5008.9	4649.0	4241.4	3833.8	3257.3	2662.4	2346.5	2067.5	1718.6	1230.2
37.5°	6698.1	6206.0	5618.5	5166.8	4634.3	4145.9	3330.7	2772.5	2442.0	2078.5	1604.8
35°	8394.7	7854.9	6874.4	6275.8	5563.4	4836.3	4101.9	3275.6	2805.6	2420.0	1949.9
32.5°	9973.7	9184.2	7928.3	7226.9	6753.2	5412.8	4652.7	3936.6	3180.1	2706.4	2148.2
30°	10410.7	9540.4	8640.7	7821.8	7013.9	5930.6	5030.9	4472.8	3650.2	2879.0	2335.5
27.5°	9970.1	9371.5	8673.8	7913.6	7039.6	6110.6	5262.3	4729.8	3995.4	2996.5	2482.4
25°	9522.0	8897.8	8409.4	7774.1	6966.2	6099.5	5269.6	4891.4	4263.4	3224.2	2563.2
22.5°	9048.3	8659.1	8255.1	7546.4	6782.6	6132.6	5508.3	5030.9	4403.0	3481.3	2596.3
20°	9074.0	8820.7	8376.3	7428.9	6749.5	6327.2	5794.7	5207.2	4553.5	3705.3	2622.0
17.5°	9485.3	9154.8	8596.6	7774.1	7047.0	6525.5	6033.4	5449.6	4707.8	3903.6	2934.1
15°	9992.1	9489.0	8905.1	8181.7	7359.1	6742.2	6217.1	5618.5	4884.0	4087.2	3213.2
12.5°	10359.3	9643.2	9096.1	8442.4	7697.0	6977.2	6338.2	5747.0	5049.3	4237.7	3422.5
10°	10484.2	9834.2	9187.9	8604.0	7869.5	7102.1	6430.0	5827.8	5192.5	4355.2	3576.7
7.5°	10550.3	9999.4	9250.3	8677.4	7972.4	7179.2	6503.5	5871.9	5306.3	4436.0	3675.9
5°	10542.9	10087.6	9298.0	8699.5	8027.5	7212.2	6554.9	5882.9	5387.1	4505.8	3734.6
2.5°	10509.9	10146.3	9375.2	8736.2	8137.6	7274.7	6654.0	5904.9	5416.5	4582.9	3775.0
0°	10631.1	10150.0	9455.9	8747.2	8211.1	7296.7	6698.1	5886.6	5376.1	4605.0	3771.4
-2.5°	10370.3	9933.3	9437.6	8651.7	8111.9	7245.3	6617.3	5827.8	5288.0	4579.2	3756.7
-5°	10326.3	9775.4	9283.3	8563.6	7946.7	7138.8	6466.8	5717.6	5148.4	4494.8	3697.9
-7.5°	10208.7	9624.9	9132.8	8493.8	7792.4	7028.6	6323.5	5603.8	4997.9	4362.6	3613.5
-10°	9951.7	9393.5	8971.2	8343.3	7605.1	6870.7	6151.0	5453.2	4821.6	4182.6	3481.3
-12.5°	9584.5	9026.3	8607.7	8023.8	7370.1	6657.7	5945.3	5258.6	4619.6	3991.7	3323.4
-15°	9169.5	8604.0	8185.4	7652.9	7021.3	6327.2	5684.6	5012.6	4388.3	3789.7	3136.1
-17.5°	8699.5	8163.3	7759.4	7241.6	6613.7	5952.7	5313.7	4704.1	4120.2	3580.4	2919.4
-20°	8156.0	7634.5	7263.6	6745.9	6169.3	5526.7	4906.1	4329.5	3804.4	3297.6	2680.7

REPORT NUMBER: P722403

CATALOG NUMBER: IFLD-S-SA3E-727-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°	7484.0	7024.9	6602.6	6139.9	5636.8	5049.3	4472.8	3962.3	3459.2	2963.5	2434.7
-25°	6797.3	6352.9	5941.6	5519.3	5038.3	4531.5	4039.4	3576.7	3084.7	2636.6	2196.0
-27.5°	6033.4	5636.8	5269.6	4880.4	4439.7	4002.7	3598.8	3147.1	2721.1	2339.2	1961.0
-30°	5218.2	4895.1	4575.6	4230.4	3874.2	3507.0	3147.1	2721.1	2386.9	2082.1	1762.7
-32.5°	4436.0	4145.9	3888.9	3631.8	3323.4	3022.2	2702.7	2386.9	2107.8	1839.8	1571.7
-35°	3749.3	3440.9	3297.6	3092.0	2846.0	2574.2	2313.5	2093.2	1869.2	1626.8	1388.1
-37.5°	3154.4	2956.1	2787.2	2633.0	2438.3	2203.3	2016.0	1836.1	1648.8	1428.5	1222.8
-40°	2688.1	2544.8	2375.9	2262.1	2104.2	1935.3	1748.0	1597.4	1439.5	1259.6	1090.6
-42.5°	2313.5	2196.0	2085.8	1964.6	1847.1	1703.9	1542.3	1399.1	1255.9	1123.7	984.2
-45°	2005.0	1920.6	1832.4	1733.3	1630.5	1505.6	1373.4	1226.5	1123.7	1006.2	888.7
-47.5°	1751.6	1689.2	1615.8	1538.7	1450.5	1340.4	1219.2	1112.7	1006.2	907.0	793.2
-50°	1549.7	1490.9	1432.2	1366.1	1288.9	1193.5	1101.7	1002.5	903.4	807.9	701.4
-52.5°	1380.8	1329.3	1281.6	1226.5	1153.1	1072.3	987.8	899.7	807.9	712.4	627.9
-55°	1263.2	1204.5	1156.7	1101.7	1035.6	958.4	881.3	800.5	712.4	639.0	569.2
-57.5°	1167.8	1101.7	1046.6	987.8	921.7	855.6	785.9	712.4	646.3	576.5	510.4
-60°	1087.0	1009.9	947.4	888.7	826.2	763.8	705.1	642.6	580.2	517.8	451.7
-62.5°	1002.5	921.7	844.6	789.5	741.8	686.7	635.3	576.5	521.5	459.0	411.3
-65°	907.0	829.9	756.5	708.7	664.7	616.9	569.2	517.8	470.0	422.3	378.2
-67.5°	800.5	734.4	683.0	639.0	594.9	554.5	510.4	466.4	426.0	378.2	334.2
-70°	672.0	635.3	605.9	572.9	532.5	495.7	455.4	415.0	370.9	330.5	290.1
-72.5°	572.9	550.8	528.8	495.7	459.0	426.0	392.9	356.2	319.5	282.8	249.7
-75°	470.0	451.7	433.3	411.3	381.9	356.2	326.8	293.8	264.4	238.7	213.0
-77.5°	378.2	363.5	352.5	334.2	312.1	290.1	271.7	249.7	227.7	202.0	176.3
-80°	301.1	293.8	290.1	282.8	264.4	246.0	231.3	213.0	191.0	172.6	154.2
-82.5°	235.0	235.0	231.3	227.7	213.0	198.3	187.3	172.6	157.9	143.2	124.9
-85°	172.6	168.9	168.9	165.2	154.2	146.9	135.9	128.5	117.5	102.8	95.5
-87.5°	102.8	99.1	95.5	91.8	84.5	80.8	73.4	69.8	62.4	55.1	51.4
-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: P722403

CATALOG NUMBER: IFLD-S-SA3E-727-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°	11.0	7.3	7.3	7.3	7.3	7.3	3.7	3.7	3.7	3.7	3.7
82.5°	22.0	22.0	18.4	18.4	14.7	11.0	7.3	7.3	7.3	3.7	3.7
80°	33.0	33.0	33.0	29.4	25.7	18.4	14.7	11.0	7.3	3.7	3.7
77.5°	40.4	36.7	36.7	33.0	33.0	29.4	22.0	18.4	11.0	7.3	3.7
75°	40.4	40.4	40.4	36.7	36.7	33.0	29.4	22.0	18.4	11.0	7.3
72.5°	44.1	40.4	40.4	40.4	36.7	33.0	29.4	25.7	22.0	14.7	7.3
70°	40.4	40.4	40.4	40.4	36.7	36.7	29.4	25.7	25.7	14.7	11.0
67.5°	40.4	40.4	40.4	36.7	36.7	33.0	29.4	25.7	25.7	18.4	11.0
65°	44.1	40.4	40.4	40.4	36.7	33.0	29.4	25.7	25.7	22.0	14.7
62.5°	47.7	44.1	44.1	40.4	36.7	33.0	29.4	25.7	25.7	22.0	14.7
60°	51.4	47.7	44.1	44.1	40.4	36.7	29.4	29.4	25.7	22.0	14.7
57.5°	55.1	51.4	51.4	47.7	44.1	40.4	33.0	29.4	25.7	22.0	18.4
55°	66.1	58.8	55.1	55.1	51.4	44.1	36.7	29.4	25.7	22.0	18.4
52.5°	88.1	69.8	62.4	62.4	58.8	51.4	40.4	33.0	25.7	22.0	18.4
50°	139.5	88.1	73.4	66.1	66.1	58.8	47.7	36.7	25.7	22.0	18.4
47.5°	220.3	146.9	88.1	77.1	73.4	69.8	55.1	36.7	29.4	22.0	18.4
45°	363.5	216.7	143.2	91.8	77.1	73.4	62.4	40.4	29.4	25.7	18.4
42.5°	499.4	337.8	220.3	110.2	91.8	80.8	66.1	44.1	33.0	25.7	18.4
40°	785.9	462.7	308.5	179.9	106.5	84.5	73.4	51.4	33.0	25.7	18.4
37.5°	1064.9	613.3	415.0	264.4	121.2	95.5	77.1	55.1	36.7	25.7	22.0
35°	1344.0	859.3	514.1	352.5	161.6	113.8	80.8	58.8	36.7	25.7	22.0
32.5°	1593.7	1090.6	616.9	440.7	242.4	135.9	88.1	62.4	40.4	29.4	22.0
30°	1799.4	1303.6	800.5	517.8	315.8	165.2	95.5	62.4	44.1	29.4	22.0
27.5°	1953.6	1468.9	987.8	598.6	378.2	194.6	110.2	69.8	44.1	29.4	22.0
25°	2078.5	1597.4	1153.1	683.0	433.3	242.4	132.2	73.4	47.7	33.0	22.0
22.5°	2177.6	1703.9	1288.9	796.9	499.4	290.1	161.6	80.8	47.7	33.0	22.0
20°	2313.5	1810.4	1380.8	918.1	569.2	334.2	187.3	88.1	47.7	33.0	25.7
17.5°	2431.0	1916.9	1454.2	1020.9	639.0	367.2	216.7	95.5	51.4	33.0	25.7
15°	2566.9	2019.7	1520.3	1101.7	705.1	396.6	242.4	102.8	51.4	36.7	25.7
12.5°	2713.8	2115.2	1568.0	1167.8	774.8	422.3	264.4	117.5	55.1	36.7	25.7
10°	2864.3	2196.0	1608.4	1215.5	826.2	448.0	279.1	132.2	58.8	36.7	25.7
7.5°	3014.9	2269.4	1659.8	1237.5	848.3	477.4	286.4	146.9	58.8	40.4	25.7
5°	3117.7	2317.2	1733.3	1252.2	859.3	510.4	297.4	165.2	62.4	40.4	25.7
2.5°	3205.8	2346.5	1810.4	1263.2	863.0	528.8	293.8	176.3	66.1	40.4	25.7
0°	3246.2	2346.5	1861.8	1255.9	852.0	547.2	293.8	187.3	66.1	40.4	25.7
-2.5°	3183.8	2412.6	1847.1	1259.6	855.6	547.2	308.5	191.0	73.4	44.1	25.7
-5°	3084.7	2438.3	1803.1	1241.2	848.3	547.2	326.8	194.6	77.1	44.1	29.4
-7.5°	2989.2	2449.4	1751.6	1222.8	837.3	532.5	330.5	191.0	84.5	47.7	29.4
-10°	2864.3	2328.2	1685.5	1189.8	815.2	521.5	337.8	191.0	88.1	47.7	29.4
-12.5°	2721.1	2181.3	1604.8	1142.1	789.5	510.4	341.5	191.0	91.8	51.4	29.4
-15°	2555.9	2030.7	1513.0	1090.6	752.8	495.7	334.2	187.3	95.5	51.4	33.0
-17.5°	2368.6	1883.8	1417.5	1028.2	712.4	477.4	319.5	183.6	95.5	51.4	33.0
-20°	2155.6	1737.0	1311.0	965.8	664.7	455.4	304.8	176.3	95.5	51.4	33.0



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CATALOG NUMBER: IFLD-S-SA3E-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1964.6	1601.1	1200.8	896.0	613.3	429.6	286.4	168.9	95.5	55.1	33.0
-25°	1806.7	1468.9	1116.4	826.2	558.2	400.3	268.1	161.6	95.5	55.1	33.0
-27.5°	1641.5	1325.7	1028.2	760.1	521.5	374.6	249.7	154.2	91.8	55.1	33.0
-30°	1472.6	1186.1	936.4	686.7	484.7	348.9	235.0	143.2	91.8	55.1	33.0
-32.5°	1318.3	1072.3	852.0	613.3	444.3	323.2	220.3	139.5	88.1	55.1	33.0
-35°	1167.8	969.5	763.8	554.5	400.3	297.4	205.6	135.9	88.1	55.1	33.0
-37.5°	1042.9	874.0	683.0	514.1	374.6	275.4	191.0	128.5	84.5	55.1	33.0
-40°	940.1	785.9	605.9	470.0	352.5	253.4	176.3	124.9	84.5	55.1	33.0
-42.5°	844.6	701.4	558.2	433.3	330.5	238.7	165.2	121.2	80.8	55.1	33.0
-45°	760.1	627.9	510.4	400.3	304.8	220.3	157.9	113.8	77.1	55.1	36.7
-47.5°	675.7	576.5	466.4	370.9	279.1	198.3	150.6	110.2	73.4	51.4	36.7
-50°	609.6	521.5	429.6	337.8	253.4	191.0	143.2	102.8	73.4	51.4	36.7
-52.5°	550.8	470.0	389.3	304.8	231.3	179.9	135.9	95.5	69.8	51.4	36.7
-55°	495.7	422.3	348.9	271.7	216.7	168.9	124.9	88.1	69.8	51.4	36.7
-57.5°	440.7	378.2	308.5	246.0	198.3	157.9	117.5	88.1	69.8	51.4	36.7
-60°	396.6	337.8	279.1	227.7	183.6	143.2	106.5	84.5	66.1	51.4	36.7
-62.5°	359.9	304.8	253.4	205.6	168.9	128.5	102.8	84.5	66.1	51.4	33.0
-65°	323.2	275.4	227.7	187.3	150.6	121.2	99.1	80.8	66.1	51.4	33.0
-67.5°	286.4	242.4	205.6	165.2	139.5	117.5	95.5	80.8	62.4	47.7	33.0
-70°	249.7	213.0	179.9	154.2	132.2	110.2	91.8	77.1	62.4	44.1	29.4
-72.5°	220.3	187.3	161.6	143.2	124.9	106.5	88.1	73.4	58.8	40.4	25.7
-75°	187.3	165.2	146.9	128.5	113.8	99.1	84.5	66.1	51.4	36.7	25.7
-77.5°	157.9	143.2	128.5	117.5	102.8	88.1	73.4	58.8	47.7	33.0	22.0
-80°	135.9	124.9	113.8	102.8	91.8	77.1	66.1	51.4	40.4	29.4	18.4
-82.5°	110.2	102.8	91.8	84.5	77.1	66.1	55.1	44.1	29.4	22.0	14.7
-85°	84.5	77.1	73.4	66.1	58.8	47.7	36.7	29.4	22.0	14.7	7.3
-87.5°	44.1	40.4	36.7	33.0	29.4	22.0	18.4	14.7	11.0	7.3	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: P722403

CATALOG NUMBER: IFLD-S-SA3E-727-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°	7.3	3.7	0.0	0.0
65°	7.3	3.7	0.0	0.0
62.5°	7.3	3.7	0.0	0.0
60°	7.3	3.7	0.0	0.0
57.5°	11.0	3.7	3.7	0.0
55°	11.0	3.7	3.7	0.0
52.5°	11.0	3.7	3.7	0.0
50°	11.0	7.3	3.7	0.0
47.5°	11.0	7.3	3.7	0.0
45°	11.0	7.3	3.7	0.0
42.5°	11.0	7.3	3.7	0.0
40°	14.7	7.3	3.7	0.0
37.5°	14.7	7.3	3.7	0.0
35°	14.7	7.3	3.7	0.0
32.5°	14.7	7.3	3.7	0.0
30°	14.7	7.3	3.7	0.0
27.5°	14.7	11.0	3.7	0.0
25°	14.7	11.0	3.7	0.0
22.5°	18.4	11.0	3.7	0.0
20°	18.4	11.0	3.7	0.0
17.5°	18.4	11.0	3.7	0.0
15°	18.4	11.0	3.7	0.0
12.5°	18.4	11.0	3.7	0.0
10°	18.4	11.0	3.7	0.0
7.5°	18.4	11.0	3.7	0.0
5°	18.4	11.0	3.7	0.0
2.5°	18.4	11.0	3.7	0.0
0°	18.4	11.0	3.7	0.0
-2.5°	18.4	11.0	3.7	0.0
-5°	18.4	11.0	3.7	0.0
-7.5°	18.4	11.0	3.7	0.0
-10°	18.4	11.0	3.7	0.0
-12.5°	22.0	11.0	3.7	0.0
-15°	22.0	11.0	3.7	0.0
-17.5°	22.0	11.0	3.7	0.0
-20°	22.0	11.0	3.7	0.0

REPORT NUMBER: P722403

CATALOG NUMBER: IFLD-S-SA3E-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.0	11.0	3.7	0.0
-25°	22.0	11.0	3.7	0.0
-27.5°	22.0	11.0	3.7	0.0
-30°	22.0	11.0	3.7	0.0
-32.5°	22.0	11.0	3.7	0.0
-35°	22.0	11.0	3.7	0.0
-37.5°	22.0	11.0	3.7	0.0
-40°	22.0	11.0	3.7	0.0
-42.5°	18.4	11.0	3.7	0.0
-45°	22.0	11.0	3.7	0.0
-47.5°	22.0	11.0	3.7	0.0
-50°	22.0	11.0	3.7	0.0
-52.5°	22.0	11.0	3.7	0.0
-55°	22.0	11.0	3.7	0.0
-57.5°	22.0	11.0	3.7	0.0
-60°	22.0	11.0	3.7	0.0
-62.5°	18.4	11.0	3.7	0.0
-65°	18.4	7.3	3.7	0.0
-67.5°	18.4	7.3	3.7	0.0
-70°	18.4	7.3	3.7	0.0
-72.5°	14.7	7.3	3.7	0.0
-75°	14.7	7.3	3.7	0.0
-77.5°	11.0	3.7	0.0	0.0
-80°	11.0	3.7	0.0	0.0
-82.5°	7.3	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)