

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: P722405

Luminaire Tested: **IFLD-S-SA6B-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722405
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6B-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	28544.3 lumens	Max Intensity:	19927.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	116.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	18210 lumens	Field Lumens:	26910.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

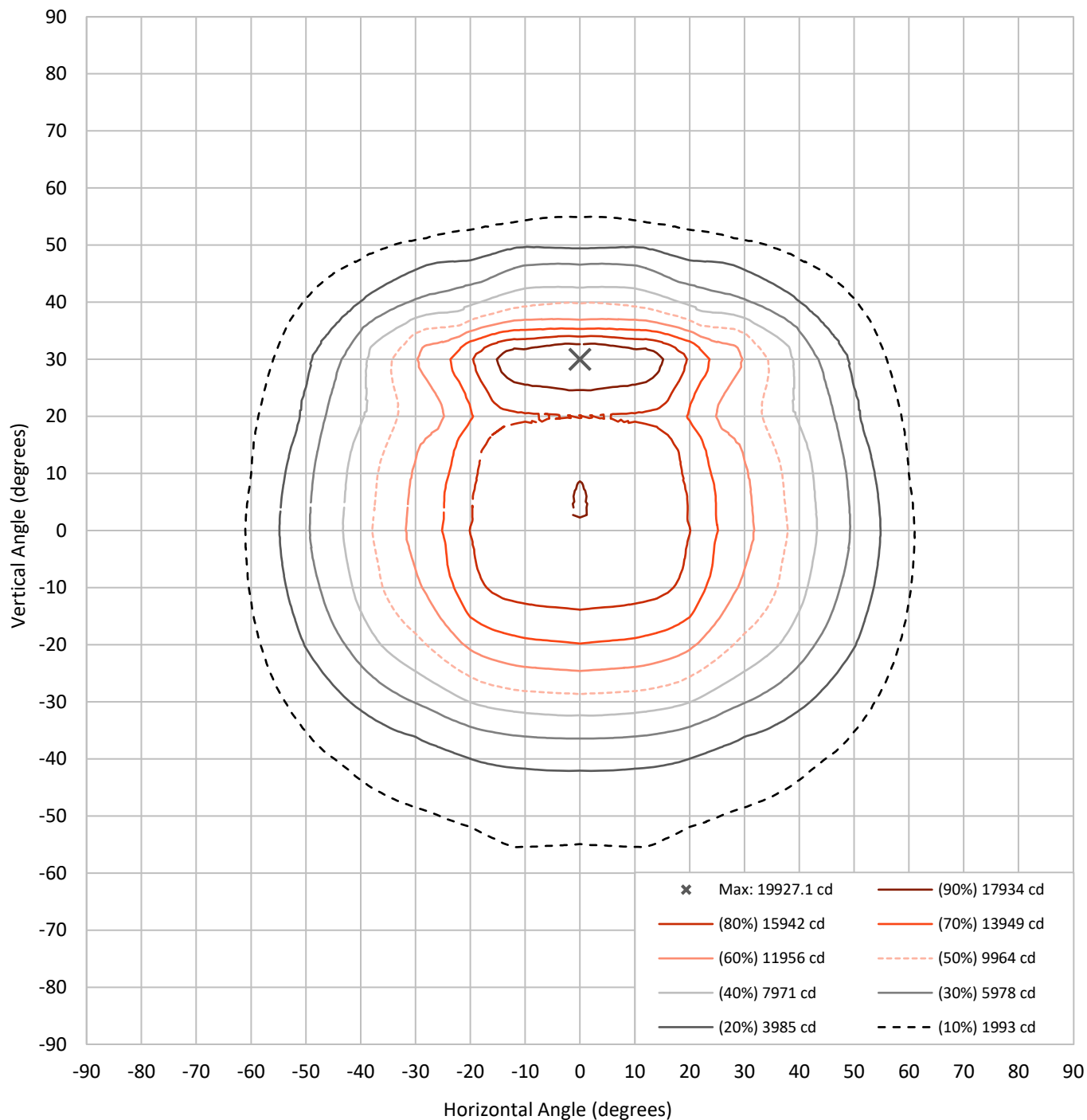
Input Watts (W): 244.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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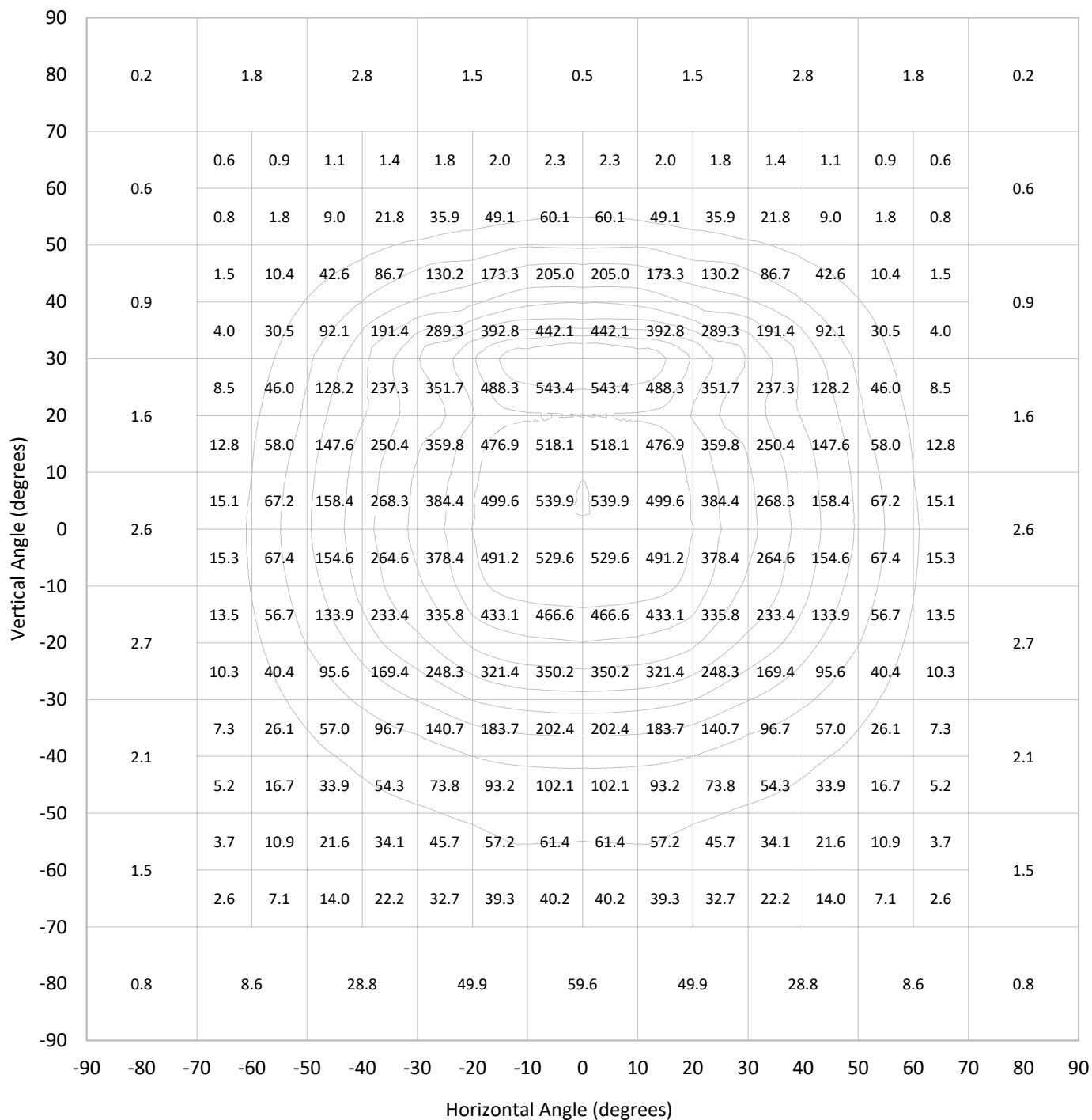
Iso-Candela Plot



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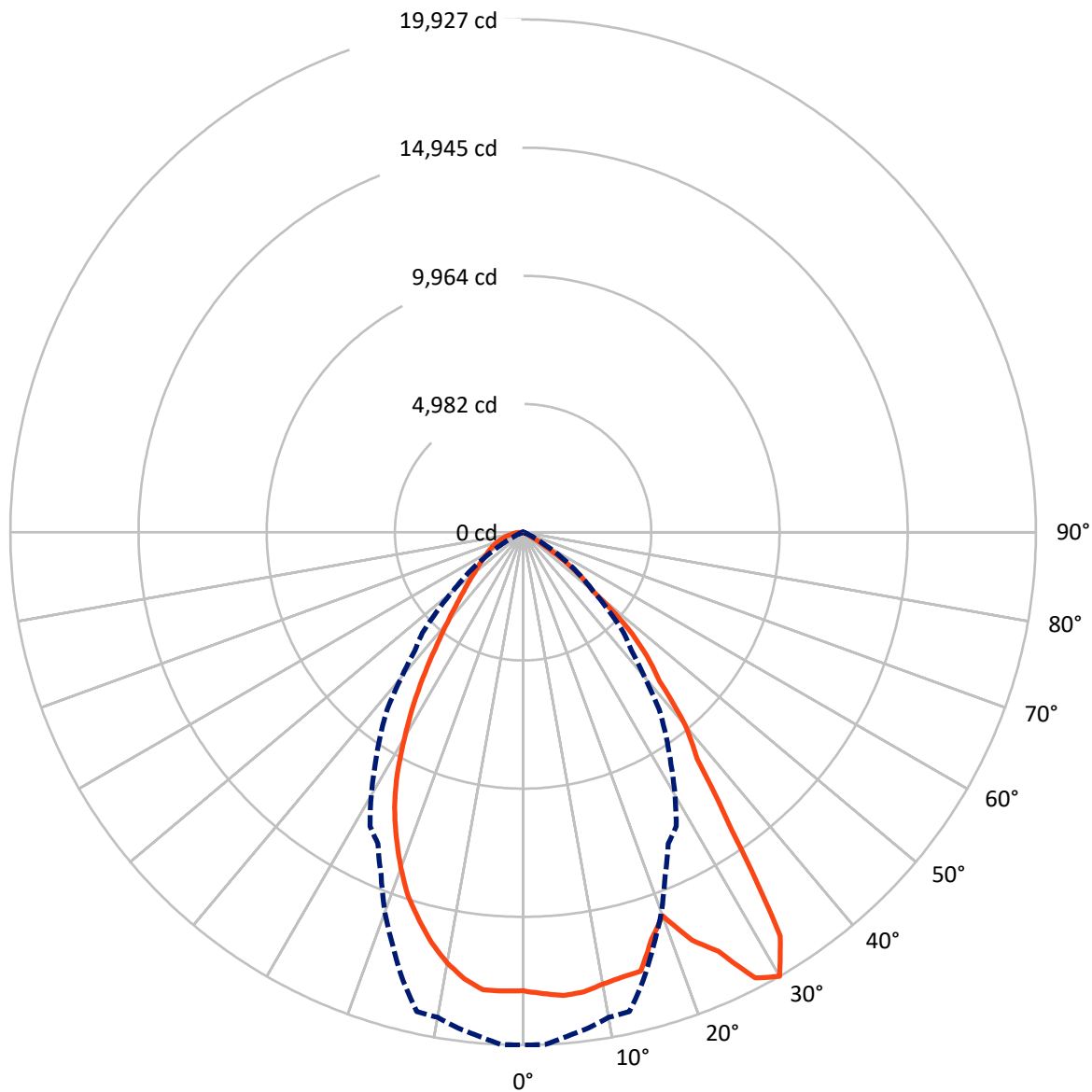
Lumen Table



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Luminous Intensity Polar Plot

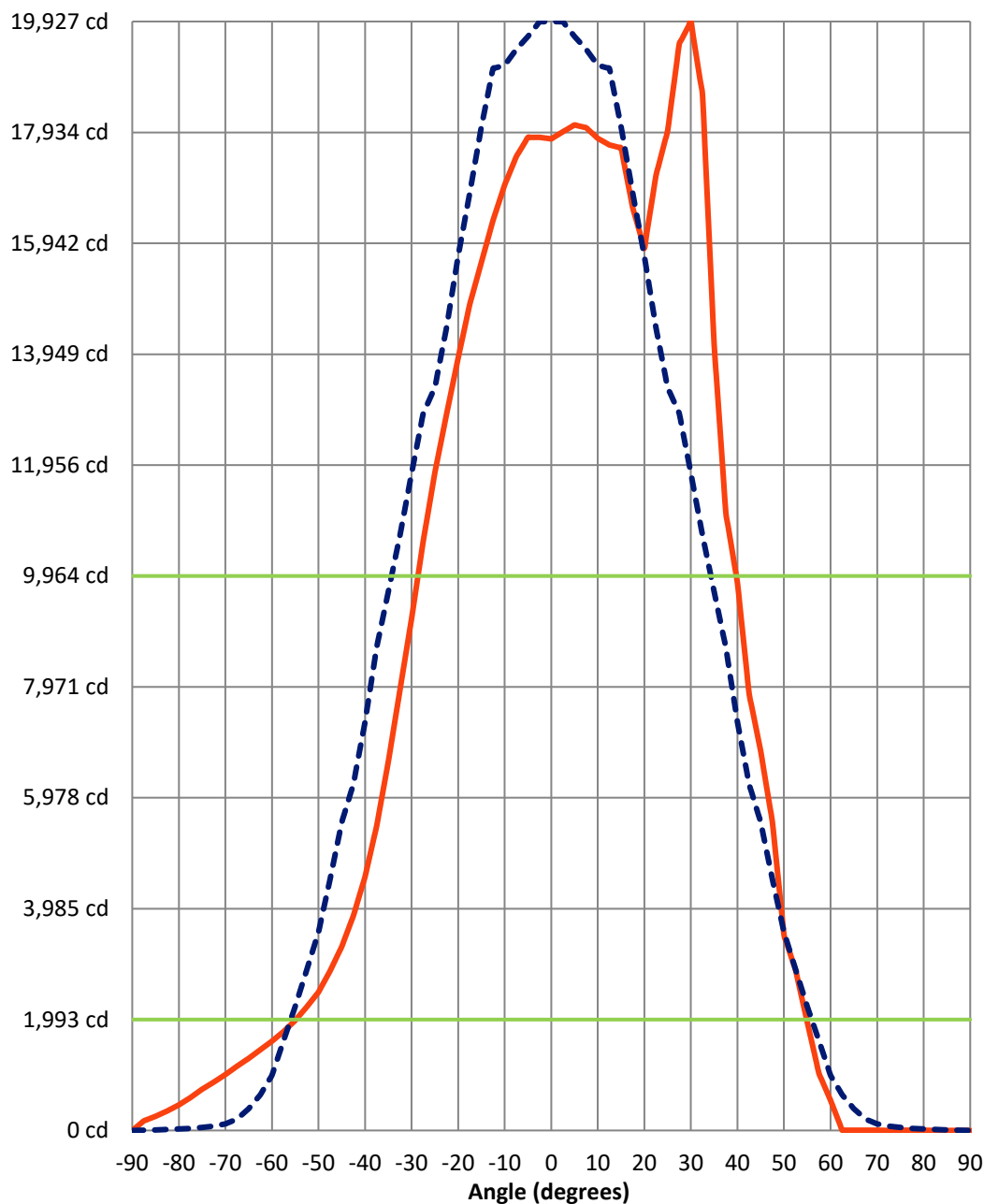


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 18210

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 26910.9

Efficiency: 94.3%

Spill:

Lumens: 1633.4

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	4.5	4.5	4.5	4.5	4.5	4.5	4.5
85°	0.0	4.5	4.5	4.5	9.1	9.1	9.1	9.1	9.1	9.1	13.6
82.5°	0.0	4.5	4.5	4.5	9.1	9.1	9.1	9.1	13.6	13.6	18.2
80°	4.5	4.5	4.5	4.5	9.1	9.1	9.1	13.6	13.6	18.2	18.2
77.5°	4.5	4.5	4.5	9.1	9.1	9.1	13.6	13.6	18.2	18.2	22.7
75°	4.5	4.5	4.5	9.1	9.1	13.6	13.6	13.6	18.2	18.2	22.7
72.5°	0.0	4.5	4.5	9.1	9.1	13.6	13.6	13.6	18.2	18.2	18.2
70°	4.5	4.5	4.5	9.1	9.1	13.6	13.6	13.6	18.2	18.2	18.2
67.5°	4.5	4.5	4.5	9.1	9.1	13.6	13.6	18.2	18.2	18.2	22.7
65°	4.5	4.5	4.5	9.1	13.6	13.6	18.2	22.7	22.7	27.3	31.8
62.5°	4.5	9.1	9.1	13.6	18.2	22.7	50.0	77.3	77.3	54.5	45.4
60°	540.8	586.2	581.7	527.1	459.0	386.3	372.6	359.0	331.7	290.8	304.5
57.5°	1027.0	1081.6	1104.3	1090.7	1054.3	990.7	954.3	913.4	858.9	795.3	722.6
55°	1945.0	1967.7	1917.7	1822.3	1717.8	1613.3	1576.9	1522.4	1440.6	1358.8	1249.7
52.5°	2876.6	2953.8	2931.1	2835.7	2694.8	2508.5	2304.0	2144.9	2049.5	1958.6	1849.6
50°	3512.8	3544.6	3608.2	3721.8	3762.7	3635.5	3303.8	2876.6	2572.1	2726.6	2608.5
47.5°	5544.1	5703.2	5671.4	5589.6	5453.3	5107.9	4644.4	4262.6	3944.5	3840.0	3858.2
45°	6812.0	6875.7	6852.9	6816.6	6753.0	6430.3	5916.8	5330.6	5035.2	4917.0	4794.3
42.5°	7852.7	7920.9	7934.5	7939.0	7870.9	7575.5	7112.0	6525.7	6230.3	5889.5	5621.4
40°	9838.6	9938.6	9825.0	9675.0	9447.8	9111.5	8657.0	8116.3	7593.7	7175.6	6857.5
37.5°	11106.5	11229.2	11274.6	11265.5	11215.5	11070.1	10511.2	9997.6	9197.8	8261.7	8429.8
35°	14114.9	14242.1	14205.7	14069.4	13996.7	13842.2	13296.9	12687.9	11683.6	10665.7	10393.0
32.5°	18600.2	18877.4	18359.3	17791.3	17441.3	17564.0	17009.6	15519.1	15055.5	13219.6	12369.8
30°	19927.1	19922.6	19659.0	19427.2	19140.9	19081.9	18036.7	16846.0	15709.9	14423.9	13351.4
27.5°	19522.7	19440.9	19218.2	19050.1	18781.9	18641.1	17618.6	16673.3	15360.0	14210.3	13174.2
25°	17963.9	18027.6	17800.3	17768.5	17664.0	17391.4	16882.4	15819.0	14646.5	13374.1	12628.8
22.5°	17159.6	17136.9	16864.2	16705.2	16832.4	16541.6	16337.1	15264.6	14042.1	12969.7	12074.4
20°	15850.8	15855.4	15787.2	15773.6	15696.3	15564.5	15400.9	14642.0	13778.6	12860.6	11783.6
17.5°	16582.5	16768.8	16850.6	16173.5	16364.3	16214.4	16041.7	14982.8	14333.0	13519.5	12115.3
15°	17654.9	17586.8	17505.0	17468.6	17364.1	17223.2	16909.6	16064.4	14946.5	14105.8	13010.6
12.5°	17709.5	17577.7	17545.9	17541.3	17432.3	17236.8	16932.4	16232.5	15241.9	14219.4	13328.7
10°	17827.6	17691.3	17673.1	17695.8	17527.7	17405.0	17100.5	16450.7	15332.7	14414.8	13574.1
7.5°	18018.5	17791.3	17895.8	17827.6	17750.4	17555.0	17227.8	16591.5	15664.5	14673.8	13792.2
5°	18068.5	17818.5	17932.1	17868.5	17754.9	17564.0	17209.6	16682.4	15869.0	14778.3	13878.5
2.5°	17945.8	17873.1	17823.1	17704.9	17654.9	17445.9	17109.6	16546.1	15773.6	14732.9	13860.4
0°	17818.5	17882.1	17768.5	17650.4	17627.7	17459.5	17173.2	16664.3	15996.2	14860.1	14014.9
-2.5°	17845.8	17795.8	17718.5	17595.9	17477.7	17236.8	16977.8	16500.7	15782.6	14582.9	13796.7
-5°	17845.8	17614.0	17623.1	17627.7	17509.5	17259.6	16946.0	16541.6	15655.4	14578.4	13733.1
-7.5°	17500.4	17300.5	17268.7	17241.4	17209.6	16977.8	16732.4	16228.0	15441.8	14460.2	13555.9
-10°	16991.4	16796.0	16814.2	16773.3	16673.3	16518.8	16332.5	15878.1	15232.8	14087.6	13196.9
-12.5°	16355.2	16268.9	16218.9	16150.7	16050.8	15914.4	15723.6	15296.4	14605.6	13628.6	12783.3
-15°	15600.9	15537.2	15491.8	15450.9	15305.5	15164.6	14914.7	14519.3	14087.6	13037.8	12174.4
-17.5°	14846.5	14687.4	14623.8	14569.3	14473.9	14246.6	14019.4	13724.0	13119.6	12288.0	11547.3
-20°	13878.5	13783.1	13705.9	13633.1	13496.8	13319.6	13133.3	12792.4	12269.8	11597.3	10829.3

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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°	12865.1	12810.6	12747.0	12656.1	12565.2	12397.1	12138.0	11810.9	11401.9	10674.8	9956.7
-25°	11819.9	11715.4	11638.2	11551.8	11479.1	11324.6	11074.7	10761.1	10247.6	9620.5	9020.6
-27.5°	10588.4	10488.4	10447.5	10347.6	10283.9	10143.1	9893.1	9602.3	9138.8	8611.6	8002.7
-30°	9197.8	9216.0	9170.6	9075.1	8997.9	8816.1	8625.2	8379.8	8016.3	7511.9	6966.5
-32.5°	7911.8	7934.5	7880.0	7780.0	7680.0	7548.2	7371.0	7148.3	6875.7	6393.9	5921.3
-35°	6625.7	6616.6	6571.2	6512.1	6443.9	6334.9	6134.9	5966.8	5653.2	5316.9	4989.7
-37.5°	5471.4	5494.2	5480.5	5448.7	5371.5	5280.6	5117.0	4962.5	4730.7	4435.3	4180.8
-40°	4558.0	4585.3	4567.1	4535.3	4467.1	4412.6	4303.5	4167.2	3980.9	3726.4	3512.8
-42.5°	3858.2	3876.4	3853.6	3826.4	3767.3	3726.4	3640.1	3526.4	3371.9	3176.5	2985.7
-45°	3303.8	3308.3	3285.6	3267.4	3222.0	3172.0	3099.3	3008.4	2885.7	2749.4	2594.8
-47.5°	2867.5	2863.0	2840.2	2822.1	2785.7	2740.3	2681.2	2599.4	2504.0	2399.4	2276.7
-50°	2485.8	2508.5	2499.4	2481.2	2454.0	2422.2	2363.1	2276.7	2181.3	2104.0	2017.7
-52.5°	2222.2	2226.7	2222.2	2222.2	2217.7	2194.9	2126.8	2040.4	1935.9	1867.7	1795.0
-55°	1976.8	1999.5	2008.6	2017.7	2022.3	2022.3	1940.5	1849.6	1749.6	1681.4	1626.9
-57.5°	1776.9	1790.5	1799.6	1822.3	1840.5	1854.1	1781.4	1699.6	1622.3	1558.7	1508.7
-60°	1604.2	1622.3	1636.0	1658.7	1672.3	1681.4	1636.0	1581.4	1536.0	1495.1	1422.4
-62.5°	1449.7	1463.3	1476.9	1490.6	1504.2	1513.3	1495.1	1467.8	1445.1	1426.9	1336.0
-65°	1295.1	1308.8	1322.4	1340.6	1354.2	1363.3	1358.8	1340.6	1322.4	1304.2	1222.4
-67.5°	1154.3	1167.9	1186.1	1190.6	1199.7	1204.3	1195.2	1181.5	1158.8	1136.1	1072.5
-70°	1004.3	1013.4	1022.5	1022.5	1022.5	1017.9	1008.9	990.7	968.0	936.1	886.2
-72.5°	868.0	877.1	886.2	872.5	863.4	849.8	836.2	813.4	790.7	768.0	740.7
-75°	740.7	745.3	745.3	727.1	713.5	699.8	681.7	668.0	645.3	627.1	604.4
-77.5°	590.8	590.8	590.8	577.1	568.0	559.0	545.3	531.7	513.5	499.9	481.7
-80°	459.0	459.0	459.0	454.4	440.8	431.7	422.6	413.5	399.9	390.8	381.7
-82.5°	349.9	349.9	349.9	345.4	336.3	331.7	322.7	313.6	309.0	299.9	295.4
-85°	254.5	259.0	259.0	254.5	249.9	240.9	236.3	231.8	227.2	222.7	213.6
-87.5°	172.7	172.7	172.7	168.1	163.6	163.6	159.1	150.0	140.9	136.3	131.8
-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°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
85°	13.6	13.6	13.6	18.2	18.2	18.2	18.2	18.2	18.2	18.2	13.6
82.5°	22.7	22.7	27.3	27.3	31.8	31.8	31.8	31.8	31.8	31.8	31.8
80°	22.7	27.3	31.8	36.4	40.9	45.4	45.4	45.4	45.4	40.9	40.9
77.5°	27.3	27.3	31.8	36.4	40.9	45.4	50.0	54.5	50.0	50.0	50.0
75°	27.3	31.8	31.8	36.4	40.9	45.4	50.0	54.5	54.5	54.5	54.5
72.5°	22.7	27.3	31.8	36.4	36.4	40.9	45.4	45.4	50.0	50.0	54.5
70°	22.7	27.3	31.8	31.8	36.4	36.4	40.9	45.4	45.4	50.0	50.0
67.5°	27.3	31.8	31.8	36.4	40.9	40.9	40.9	45.4	45.4	50.0	50.0
65°	31.8	36.4	36.4	40.9	45.4	45.4	50.0	50.0	50.0	54.5	54.5
62.5°	54.5	54.5	54.5	50.0	54.5	54.5	54.5	59.1	59.1	54.5	59.1
60°	281.8	204.5	140.9	177.2	159.1	72.7	72.7	72.7	68.2	68.2	63.6
57.5°	663.5	618.0	531.7	449.9	404.5	359.0	222.7	90.9	90.9	81.8	72.7
55°	1108.8	958.9	895.2	786.2	668.0	613.5	509.0	345.4	163.6	109.1	95.4
52.5°	1717.8	1576.9	1413.3	1190.6	1031.6	904.3	818.0	649.8	436.3	231.8	145.4
50°	2299.5	2235.8	2135.9	1917.7	1586.0	1372.4	1231.5	1040.7	781.6	477.2	272.7
47.5°	3703.7	3172.0	2849.3	2681.2	2404.0	1999.5	1726.9	1513.3	1199.7	804.4	481.7
45°	4662.5	4326.3	3812.7	3458.3	3049.3	2622.1	2267.6	2022.3	1649.6	1204.3	754.4
42.5°	5485.1	5194.2	4730.7	4212.6	3780.9	3222.0	2767.5	2444.9	2131.3	1645.1	1127.0
40°	6543.9	6198.5	5753.2	5248.8	4744.3	4030.9	3294.7	2903.9	2558.5	2126.8	1522.4
37.5°	8289.0	7680.0	6952.9	6393.9	5735.0	5130.6	4121.8	3431.0	3022.0	2572.1	1985.9
35°	10388.5	9720.4	8507.1	7766.4	6884.7	5985.0	5076.1	4053.6	3471.9	2994.7	2413.1
32.5°	12342.5	11365.5	9811.3	8943.3	8357.1	6698.4	5757.7	4871.6	3935.4	3349.2	2658.5
30°	12883.3	11806.3	10692.9	9679.5	8679.8	7339.2	6225.8	5535.1	4517.1	3562.8	2890.2
27.5°	12338.0	11597.3	10733.8	9793.1	8711.6	7561.9	6512.1	5853.2	4944.3	3708.2	3072.0
25°	11783.6	11011.0	10406.6	9620.5	8620.7	7548.2	6521.2	6053.1	5276.0	3990.0	3172.0
22.5°	11197.4	10715.7	10215.8	9338.7	8393.5	7589.1	6816.6	6225.8	5448.7	4308.1	3212.9
20°	11229.2	10915.6	10365.7	9193.3	8352.6	7830.0	7171.0	6443.9	5635.0	4585.3	3244.7
17.5°	11738.1	11329.1	10638.4	9620.5	8720.7	8075.4	7466.4	6743.9	5825.9	4830.7	3631.0
15°	12365.3	11742.7	11020.1	10124.9	9106.9	8343.5	7693.6	6952.9	6044.0	5057.9	3976.3
12.5°	12819.7	11933.5	11256.4	10447.5	9525.0	8634.3	7843.6	7112.0	6248.5	5244.2	4235.4
10°	12974.2	12169.9	11370.0	10647.5	9738.6	8788.8	7957.2	7211.9	6425.8	5389.6	4426.2
7.5°	13056.0	12374.4	11447.3	10738.4	9865.9	8884.3	8048.1	7266.5	6566.6	5489.6	4548.9
5°	13046.9	12483.4	11506.4	10765.6	9934.0	8925.2	8111.7	7280.1	6666.6	5576.0	4621.6
2.5°	13006.0	12556.1	11601.8	10811.1	10070.4	9002.4	8234.4	7307.4	6703.0	5671.4	4671.6
0°	13156.0	12560.7	11701.8	10824.7	10161.2	9029.7	8289.0	7284.6	6653.0	5698.7	4667.1
-2.5°	12833.3	12292.6	11679.1	10706.6	10038.5	8966.1	8189.0	7211.9	6543.9	5666.8	4648.9
-5°	12778.8	12097.1	11488.2	10597.5	9834.0	8834.3	8002.7	7075.6	6371.2	5562.3	4576.2
-7.5°	12633.4	11910.8	11301.9	10511.2	9643.2	8697.9	7825.4	6934.7	6184.9	5398.7	4471.7
-10°	12315.3	11624.5	11101.9	10324.8	9411.4	8502.5	7611.8	6748.4	5966.8	5176.1	4308.1
-12.5°	11860.8	11170.1	10652.0	9929.5	9120.6	8239.0	7357.4	6507.6	5716.8	4939.7	4112.7
-15°	11347.3	10647.5	10129.4	9470.5	8688.9	7830.0	7034.7	6203.1	5430.5	4689.8	3880.9
-17.5°	10765.6	10102.2	9602.3	8961.5	8184.4	7366.4	6575.7	5821.4	5098.8	4430.8	3612.8
-20°	10093.1	9447.8	8988.8	8348.0	7634.6	6839.3	6071.3	5357.8	4708.0	4080.9	3317.4

REPORT NUMBER: P722405

CATALOG NUMBER: IFLD-S-SA6B-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°	9261.5	8693.4	8170.8	7598.2	6975.6	6248.5	5535.1	4903.4	4280.8	3667.3	3012.9
-25°	8411.7	7861.8	7352.8	6830.2	6234.9	5607.8	4998.8	4426.2	3817.3	3262.9	2717.5
-27.5°	7466.4	6975.6	6521.2	6039.5	5494.2	4953.4	4453.5	3894.5	3367.4	2894.8	2426.7
-30°	6457.6	6057.7	5662.3	5235.1	4794.3	4339.9	3894.5	3367.4	2953.8	2576.7	2181.3
-32.5°	5489.6	5130.6	4812.5	4494.4	4112.7	3740.0	3344.7	2953.8	2608.5	2276.7	1945.0
-35°	4639.8	4258.1	4080.9	3826.4	3521.9	3185.6	2863.0	2590.3	2313.1	2013.2	1717.8
-37.5°	3903.6	3658.2	3449.2	3258.3	3017.5	2726.6	2494.9	2272.2	2040.4	1767.8	1513.3
-40°	3326.5	3149.3	2940.2	2799.3	2603.9	2394.9	2163.1	1976.8	1781.4	1558.7	1349.7
-42.5°	2863.0	2717.5	2581.2	2431.2	2285.8	2108.6	1908.6	1731.4	1554.2	1390.6	1217.9
-45°	2481.2	2376.7	2267.6	2144.9	2017.7	1863.2	1699.6	1517.8	1390.6	1245.2	1099.7
-47.5°	2167.7	2090.4	1999.5	1904.1	1795.0	1658.7	1508.7	1376.9	1245.2	1122.5	981.6
-50°	1917.7	1845.0	1772.3	1690.5	1595.1	1476.9	1363.3	1240.6	1117.9	999.8	868.0
-52.5°	1708.7	1645.1	1586.0	1517.8	1426.9	1327.0	1222.4	1113.4	999.8	881.6	777.1
-55°	1563.3	1490.6	1431.5	1363.3	1281.5	1186.1	1090.7	990.7	881.6	790.7	704.4
-57.5°	1445.1	1363.3	1295.1	1222.4	1140.6	1058.8	972.5	881.6	799.8	713.5	631.7
-60°	1345.1	1249.7	1172.5	1099.7	1022.5	945.2	872.5	795.3	718.0	640.8	559.0
-62.5°	1240.6	1140.6	1045.2	977.0	918.0	849.8	786.2	713.5	645.3	568.0	509.0
-65°	1122.5	1027.0	936.1	877.1	822.5	763.5	704.4	640.8	581.7	522.6	468.1
-67.5°	990.7	908.9	845.3	790.7	736.2	686.2	631.7	577.1	527.1	468.1	413.5
-70°	831.6	786.2	749.8	708.9	658.9	613.5	563.5	513.5	459.0	409.0	359.0
-72.5°	708.9	681.7	654.4	613.5	568.0	527.1	486.2	440.8	395.4	349.9	309.0
-75°	581.7	559.0	536.2	509.0	472.6	440.8	404.5	363.6	327.2	295.4	263.6
-77.5°	468.1	449.9	436.3	413.5	386.3	359.0	336.3	309.0	281.8	249.9	218.1
-80°	372.6	363.6	359.0	349.9	327.2	304.5	286.3	263.6	236.3	213.6	190.9
-82.5°	290.8	290.8	286.3	281.8	263.6	245.4	231.8	213.6	195.4	177.2	154.5
-85°	213.6	209.0	209.0	204.5	190.9	181.8	168.1	159.1	145.4	127.2	118.2
-87.5°	127.2	122.7	118.2	113.6	104.5	100.0	90.9	86.3	77.3	68.2	63.6
-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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CATALOG NUMBER: IFLD-S-SA6B-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°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	0.0	0.0
85°	13.6	9.1	9.1	9.1	9.1	9.1	4.5	4.5	4.5	4.5	4.5
82.5°	27.3	27.3	22.7	22.7	18.2	13.6	9.1	9.1	9.1	4.5	4.5
80°	40.9	40.9	40.9	36.4	31.8	22.7	18.2	13.6	9.1	4.5	4.5
77.5°	50.0	45.4	45.4	40.9	40.9	36.4	27.3	22.7	13.6	9.1	4.5
75°	50.0	50.0	50.0	45.4	45.4	40.9	36.4	27.3	22.7	13.6	9.1
72.5°	54.5	50.0	50.0	50.0	45.4	40.9	36.4	31.8	27.3	18.2	9.1
70°	50.0	50.0	50.0	50.0	45.4	45.4	36.4	31.8	31.8	18.2	13.6
67.5°	50.0	50.0	50.0	45.4	45.4	40.9	36.4	31.8	31.8	22.7	13.6
65°	54.5	50.0	50.0	50.0	45.4	40.9	36.4	31.8	31.8	27.3	18.2
62.5°	59.1	54.5	54.5	50.0	45.4	40.9	36.4	31.8	31.8	27.3	18.2
60°	63.6	59.1	54.5	54.5	50.0	45.4	36.4	36.4	31.8	27.3	18.2
57.5°	68.2	63.6	63.6	59.1	54.5	50.0	40.9	36.4	31.8	27.3	22.7
55°	81.8	72.7	68.2	68.2	63.6	54.5	45.4	36.4	31.8	27.3	22.7
52.5°	109.1	86.3	77.3	77.3	72.7	63.6	50.0	40.9	31.8	27.3	22.7
50°	172.7	109.1	90.9	81.8	81.8	72.7	59.1	45.4	31.8	27.3	22.7
47.5°	272.7	181.8	109.1	95.4	90.9	86.3	68.2	45.4	36.4	27.3	22.7
45°	449.9	268.1	177.2	113.6	95.4	90.9	77.3	50.0	36.4	31.8	22.7
42.5°	618.0	418.1	272.7	136.3	113.6	100.0	81.8	54.5	40.9	31.8	22.7
40°	972.5	572.6	381.7	222.7	131.8	104.5	90.9	63.6	40.9	31.8	22.7
37.5°	1317.9	758.9	513.5	327.2	150.0	118.2	95.4	68.2	45.4	31.8	27.3
35°	1663.2	1063.4	636.2	436.3	200.0	140.9	100.0	72.7	45.4	31.8	27.3
32.5°	1972.3	1349.7	763.5	545.3	299.9	168.1	109.1	77.3	50.0	36.4	27.3
30°	2226.7	1613.3	990.7	640.8	390.8	204.5	118.2	77.3	54.5	36.4	27.3
27.5°	2417.6	1817.8	1222.4	740.7	468.1	240.9	136.3	86.3	54.5	36.4	27.3
25°	2572.1	1976.8	1426.9	845.3	536.2	299.9	163.6	90.9	59.1	40.9	27.3
22.5°	2694.8	2108.6	1595.1	986.1	618.0	359.0	200.0	100.0	59.1	40.9	27.3
20°	2863.0	2240.4	1708.7	1136.1	704.4	413.5	231.8	109.1	59.1	40.9	31.8
17.5°	3008.4	2372.2	1799.6	1263.3	790.7	454.4	268.1	118.2	63.6	40.9	31.8
15°	3176.5	2499.4	1881.4	1363.3	872.5	490.8	299.9	127.2	63.6	45.4	31.8
12.5°	3358.3	2617.6	1940.5	1445.1	958.9	522.6	327.2	145.4	68.2	45.4	31.8
10°	3544.6	2717.5	1990.4	1504.2	1022.5	554.4	345.4	163.6	72.7	45.4	31.8
7.5°	3730.9	2808.4	2054.1	1531.5	1049.8	590.8	354.5	181.8	72.7	50.0	31.8
5°	3858.2	2867.5	2144.9	1549.6	1063.4	631.7	368.1	204.5	77.3	50.0	31.8
2.5°	3967.2	2903.9	2240.4	1563.3	1067.9	654.4	363.6	218.1	81.8	50.0	31.8
0°	4017.2	2903.9	2304.0	1554.2	1054.3	677.1	363.6	231.8	81.8	50.0	31.8
-2.5°	3940.0	2985.7	2285.8	1558.7	1058.8	677.1	381.7	236.3	90.9	54.5	31.8
-5°	3817.3	3017.5	2231.3	1536.0	1049.8	677.1	404.5	240.9	95.4	54.5	36.4
-7.5°	3699.1	3031.1	2167.7	1513.3	1036.1	658.9	409.0	236.3	104.5	59.1	36.4
-10°	3544.6	2881.1	2085.9	1472.4	1008.9	645.3	418.1	236.3	109.1	59.1	36.4
-12.5°	3367.4	2699.4	1985.9	1413.3	977.0	631.7	422.6	236.3	113.6	63.6	36.4
-15°	3162.9	2513.0	1872.3	1349.7	931.6	613.5	413.5	231.8	118.2	63.6	40.9
-17.5°	2931.1	2331.3	1754.1	1272.4	881.6	590.8	395.4	227.2	118.2	63.6	40.9
-20°	2667.6	2149.5	1622.3	1195.2	822.5	563.5	377.2	218.1	118.2	63.6	40.9

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CATALOG NUMBER: IFLD-S-SA6B-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°	2431.2	1981.4	1486.0	1108.8	758.9	531.7	354.5	209.0	118.2	68.2	40.9
-25°	2235.8	1817.8	1381.5	1022.5	690.7	495.3	331.7	200.0	118.2	68.2	40.9
-27.5°	2031.3	1640.5	1272.4	940.7	645.3	463.5	309.0	190.9	113.6	68.2	40.9
-30°	1822.3	1467.8	1158.8	849.8	599.9	431.7	290.8	177.2	113.6	68.2	40.9
-32.5°	1631.4	1327.0	1054.3	758.9	549.9	399.9	272.7	172.7	109.1	68.2	40.9
-35°	1445.1	1199.7	945.2	686.2	495.3	368.1	254.5	168.1	109.1	68.2	40.9
-37.5°	1290.6	1081.6	845.3	636.2	463.5	340.8	236.3	159.1	104.5	68.2	40.9
-40°	1163.4	972.5	749.8	581.7	436.3	313.6	218.1	154.5	104.5	68.2	40.9
-42.5°	1045.2	868.0	690.7	536.2	409.0	295.4	204.5	150.0	100.0	68.2	40.9
-45°	940.7	777.1	631.7	495.3	377.2	272.7	195.4	140.9	95.4	68.2	45.4
-47.5°	836.2	713.5	577.1	459.0	345.4	245.4	186.3	136.3	90.9	63.6	45.4
-50°	754.4	645.3	531.7	418.1	313.6	236.3	177.2	127.2	90.9	63.6	45.4
-52.5°	681.7	581.7	481.7	377.2	286.3	222.7	168.1	118.2	86.3	63.6	45.4
-55°	613.5	522.6	431.7	336.3	268.1	209.0	154.5	109.1	86.3	63.6	45.4
-57.5°	545.3	468.1	381.7	304.5	245.4	195.4	145.4	109.1	86.3	63.6	45.4
-60°	490.8	418.1	345.4	281.8	227.2	177.2	131.8	104.5	81.8	63.6	45.4
-62.5°	445.3	377.2	313.6	254.5	209.0	159.1	127.2	104.5	81.8	63.6	40.9
-65°	399.9	340.8	281.8	231.8	186.3	150.0	122.7	100.0	81.8	63.6	40.9
-67.5°	354.5	299.9	254.5	204.5	172.7	145.4	118.2	100.0	77.3	59.1	40.9
-70°	309.0	263.6	222.7	190.9	163.6	136.3	113.6	95.4	77.3	54.5	36.4
-72.5°	272.7	231.8	200.0	177.2	154.5	131.8	109.1	90.9	72.7	50.0	31.8
-75°	231.8	204.5	181.8	159.1	140.9	122.7	104.5	81.8	63.6	45.4	31.8
-77.5°	195.4	177.2	159.1	145.4	127.2	109.1	90.9	72.7	59.1	40.9	27.3
-80°	168.1	154.5	140.9	127.2	113.6	95.4	81.8	63.6	50.0	36.4	22.7
-82.5°	136.3	127.2	113.6	104.5	95.4	81.8	68.2	54.5	36.4	27.3	18.2
-85°	104.5	95.4	90.9	81.8	72.7	59.1	45.4	36.4	27.3	18.2	9.1
-87.5°	54.5	50.0	45.4	40.9	36.4	27.3	22.7	18.2	13.6	9.1	4.5
-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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CATALOG NUMBER: IFLD-S-SA6B-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°	4.5	0.0	0.0	0.0
77.5°	4.5	0.0	0.0	0.0
75°	4.5	4.5	0.0	0.0
72.5°	4.5	4.5	0.0	0.0
70°	4.5	4.5	0.0	0.0
67.5°	9.1	4.5	0.0	0.0
65°	9.1	4.5	0.0	0.0
62.5°	9.1	4.5	0.0	0.0
60°	9.1	4.5	0.0	0.0
57.5°	13.6	4.5	4.5	0.0
55°	13.6	4.5	4.5	0.0
52.5°	13.6	4.5	4.5	0.0
50°	13.6	9.1	4.5	0.0
47.5°	13.6	9.1	4.5	0.0
45°	13.6	9.1	4.5	0.0
42.5°	13.6	9.1	4.5	0.0
40°	18.2	9.1	4.5	0.0
37.5°	18.2	9.1	4.5	0.0
35°	18.2	9.1	4.5	0.0
32.5°	18.2	9.1	4.5	0.0
30°	18.2	9.1	4.5	0.0
27.5°	18.2	13.6	4.5	0.0
25°	18.2	13.6	4.5	0.0
22.5°	22.7	13.6	4.5	0.0
20°	22.7	13.6	4.5	0.0
17.5°	22.7	13.6	4.5	0.0
15°	22.7	13.6	4.5	0.0
12.5°	22.7	13.6	4.5	0.0
10°	22.7	13.6	4.5	0.0
7.5°	22.7	13.6	4.5	0.0
5°	22.7	13.6	4.5	0.0
2.5°	22.7	13.6	4.5	0.0
0°	22.7	13.6	4.5	0.0
-2.5°	22.7	13.6	4.5	0.0
-5°	22.7	13.6	4.5	0.0
-7.5°	22.7	13.6	4.5	0.0
-10°	22.7	13.6	4.5	0.0
-12.5°	27.3	13.6	4.5	0.0
-15°	27.3	13.6	4.5	0.0
-17.5°	27.3	13.6	4.5	0.0
-20°	27.3	13.6	4.5	0.0

REPORT NUMBER: P722405

CATALOG NUMBER: IFLD-S-SA6B-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	27.3	13.6	4.5	0.0
-25°	27.3	13.6	4.5	0.0
-27.5°	27.3	13.6	4.5	0.0
-30°	27.3	13.6	4.5	0.0
-32.5°	27.3	13.6	4.5	0.0
-35°	27.3	13.6	4.5	0.0
-37.5°	27.3	13.6	4.5	0.0
-40°	27.3	13.6	4.5	0.0
-42.5°	22.7	13.6	4.5	0.0
-45°	27.3	13.6	4.5	0.0
-47.5°	27.3	13.6	4.5	0.0
-50°	27.3	13.6	4.5	0.0
-52.5°	27.3	13.6	4.5	0.0
-55°	27.3	13.6	4.5	0.0
-57.5°	27.3	13.6	4.5	0.0
-60°	27.3	13.6	4.5	0.0
-62.5°	22.7	13.6	4.5	0.0
-65°	22.7	9.1	4.5	0.0
-67.5°	22.7	9.1	4.5	0.0
-70°	22.7	9.1	4.5	0.0
-72.5°	18.2	9.1	4.5	0.0
-75°	18.2	9.1	4.5	0.0
-77.5°	13.6	4.5	0.0	0.0
-80°	13.6	4.5	0.0	0.0
-82.5°	9.1	4.5	0.0	0.0
-85°	4.5	4.5	0.0	0.0
-87.5°	4.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)