

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: P722610

Luminaire Tested: **IFLD-S-SA6D-830-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722610
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-830-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	37149.1 lumens	Max Intensity:	25934.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	100.9 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:	23699.5 lumens	Field Lumens:	35023.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

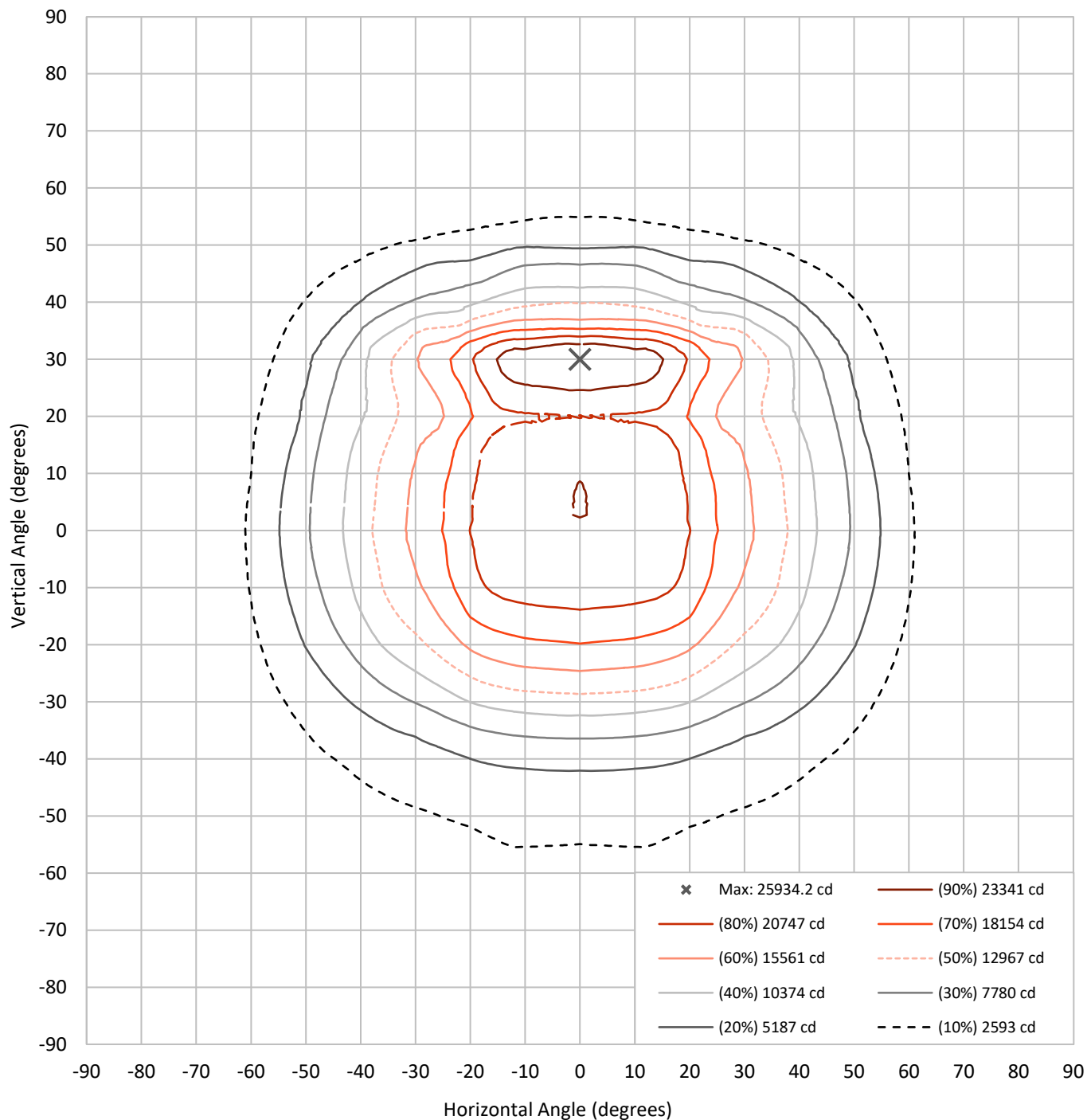
Input Watts (W): 368.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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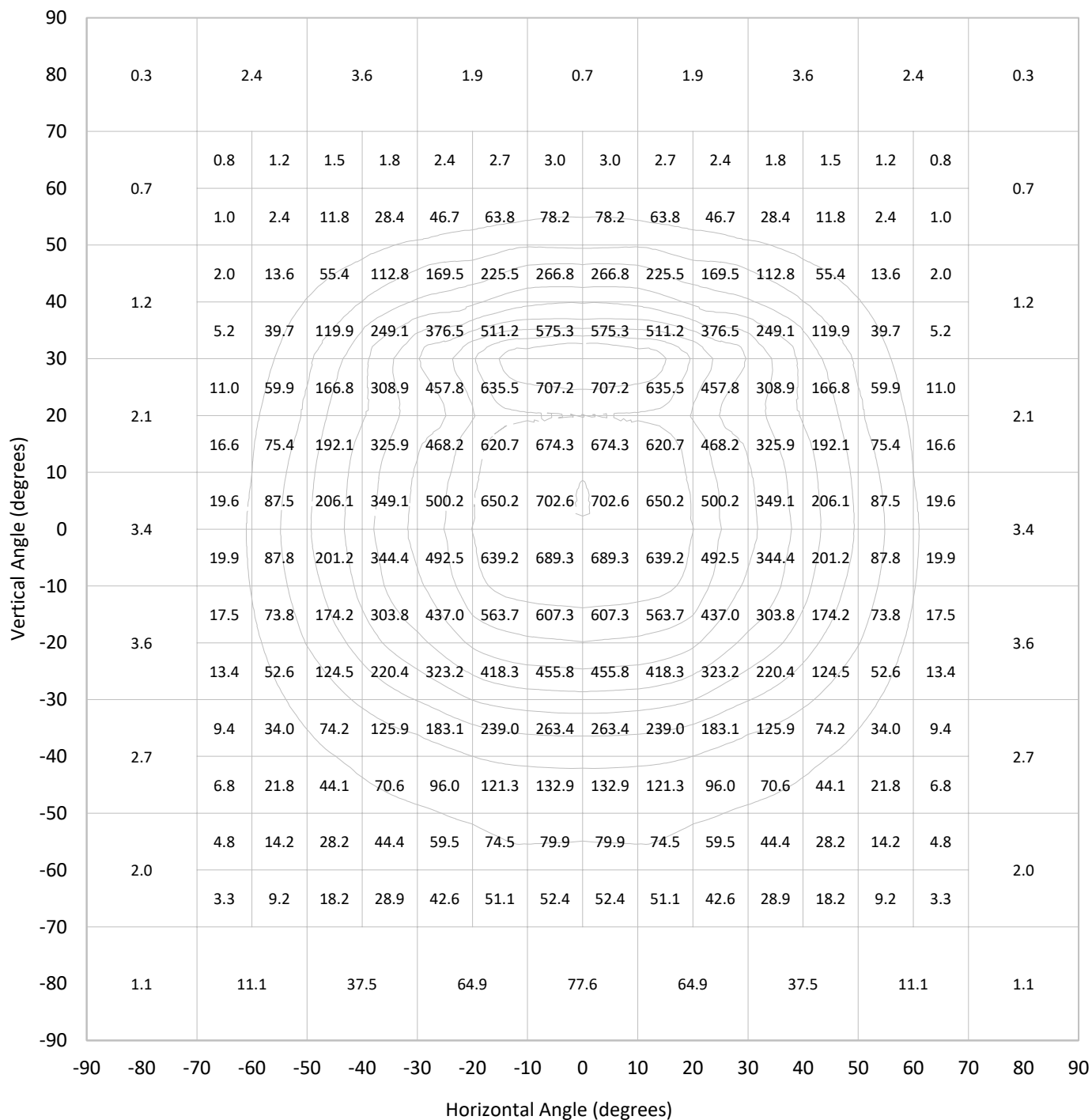
Iso-Candela Plot



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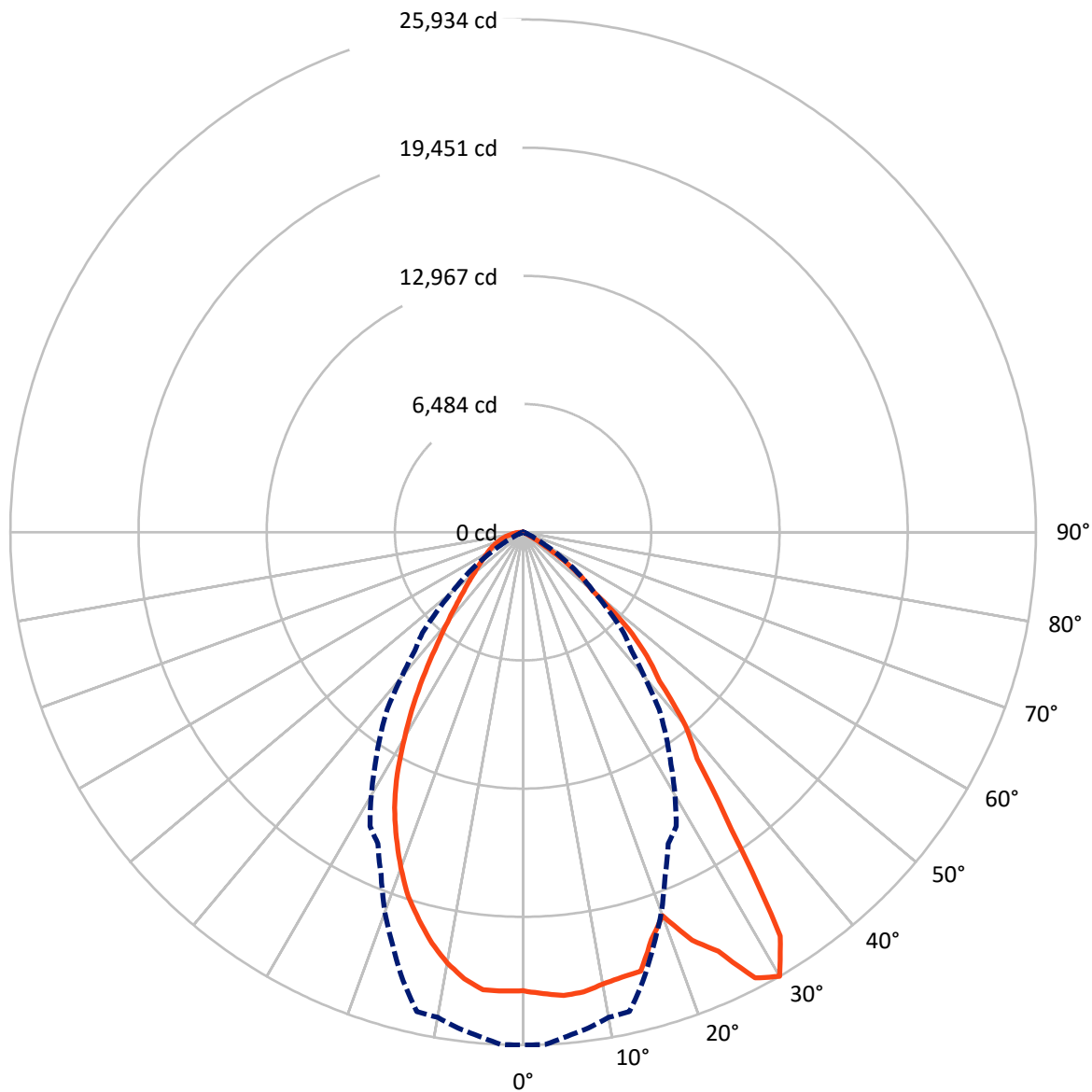
Lumen Table



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Luminous Intensity Polar Plot

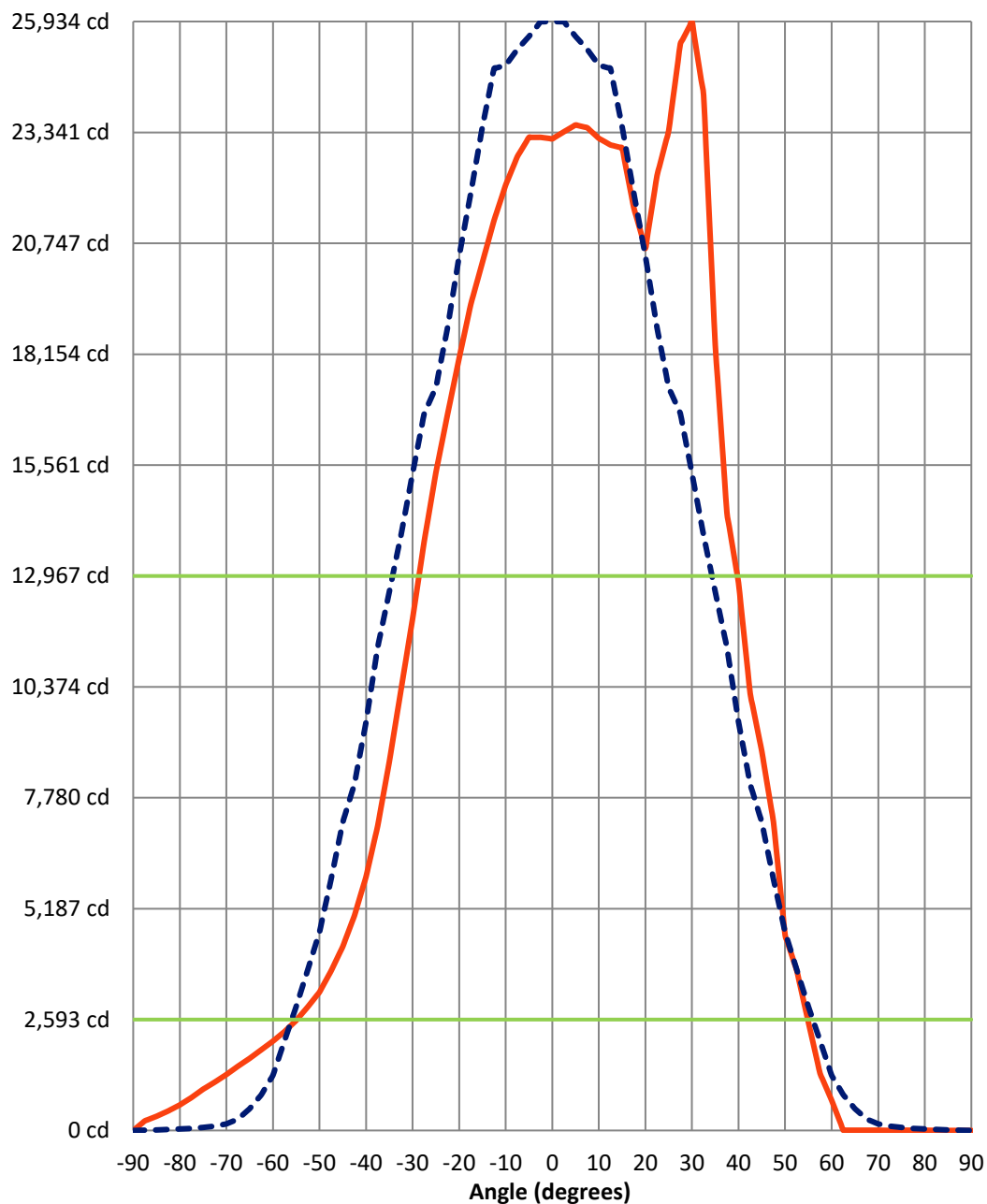


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 23699.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 35023.2

Efficiency: 94.3%

Spill:

Lumens: 2125.8

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	5.9	5.9	5.9	5.9	5.9	5.9	5.9
85°	0.0	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	17.7
82.5°	0.0	5.9	5.9	5.9	11.8	11.8	11.8	11.8	17.7	17.7	23.7
80°	5.9	5.9	5.9	5.9	11.8	11.8	11.8	17.7	17.7	23.7	23.7
77.5°	5.9	5.9	5.9	11.8	11.8	11.8	17.7	17.7	23.7	23.7	29.6
75°	5.9	5.9	5.9	11.8	11.8	17.7	17.7	17.7	23.7	23.7	29.6
72.5°	0.0	5.9	5.9	11.8	11.8	17.7	17.7	17.7	23.7	23.7	23.7
70°	5.9	5.9	5.9	11.8	11.8	17.7	17.7	17.7	23.7	23.7	23.7
67.5°	5.9	5.9	5.9	11.8	11.8	17.7	17.7	23.7	23.7	23.7	29.6
65°	5.9	5.9	5.9	11.8	17.7	17.7	23.7	29.6	29.6	35.5	41.4
62.5°	5.9	11.8	11.8	17.7	23.7	29.6	65.1	100.5	100.5	71.0	59.1
60°	703.8	762.9	757.0	686.1	597.3	502.7	485.0	467.2	431.7	378.5	396.3
57.5°	1336.6	1407.6	1437.2	1419.4	1372.1	1289.3	1242.0	1188.8	1117.8	1035.0	940.4
55°	2531.3	2560.9	2495.8	2371.6	2235.6	2099.6	2052.3	1981.3	1874.8	1768.4	1626.4
52.5°	3743.7	3844.3	3814.7	3690.5	3507.2	3264.7	2998.5	2791.5	2667.3	2549.1	2407.1
50°	4571.7	4613.1	4695.9	4843.8	4897.0	4731.4	4299.7	3743.7	3347.5	3548.6	3394.8
47.5°	7215.4	7422.4	7381.0	7274.6	7097.2	6647.7	6044.4	5547.6	5133.6	4997.6	5021.2
45°	8865.5	8948.3	8918.8	8871.4	8788.6	8368.7	7700.4	6937.5	6553.0	6399.3	6239.6
42.5°	10219.9	10308.6	10326.4	10332.3	10243.6	9859.1	9255.9	8492.9	8108.5	7664.9	7316.0
40°	12804.4	12934.6	12786.7	12591.5	12295.8	11858.2	11266.7	10562.9	9882.8	9338.7	8924.7
37.5°	14454.5	14614.2	14673.4	14661.5	14596.5	14407.2	13679.8	13011.4	11970.5	10752.2	10971.0
35°	18369.8	18535.4	18488.1	18310.7	18216.0	18014.9	17305.2	16512.7	15205.7	13880.8	13526.0
32.5°	24207.2	24568.0	23893.8	23154.5	22699.1	22858.7	22137.2	20197.3	19594.1	17204.7	16098.7
30°	25934.2	25928.3	25585.2	25283.6	24911.0	24834.1	23473.8	21924.3	20445.7	18772.0	17376.2
27.5°	25407.8	25301.4	25011.6	24792.7	24443.8	24260.4	22929.7	21699.5	19990.3	18494.0	17145.5
25°	23379.2	23462.0	23166.3	23124.9	22988.9	22634.0	21971.6	20587.7	19061.8	17405.8	16435.8
22.5°	22332.4	22302.8	21947.9	21740.9	21906.5	21528.0	21261.9	19866.1	18275.2	16879.4	15714.3
20°	20629.1	20635.0	20546.3	20528.5	20428.0	20256.5	20043.5	19055.9	17932.1	16737.5	15335.8
17.5°	21581.3	21823.7	21930.2	21049.0	21297.4	21102.2	20877.5	19499.4	18653.7	17595.0	15767.5
15°	22977.0	22888.3	22781.9	22734.5	22598.5	22415.2	22007.1	20907.0	19452.1	18358.0	16932.6
12.5°	23048.0	22876.5	22835.1	22829.2	22687.2	22432.9	22036.7	21125.9	19836.5	18505.8	17346.6
10°	23201.8	23024.3	23000.7	23030.3	22811.4	22651.7	22255.5	21409.7	19954.8	18760.1	17666.0
7.5°	23450.2	23154.5	23290.5	23201.8	23101.2	22846.9	22421.1	21593.1	20386.6	19097.3	17949.9
5°	23515.2	23189.9	23337.8	23255.0	23107.1	22858.7	22397.4	21711.4	20652.7	19233.3	18062.3
2.5°	23355.5	23260.9	23195.9	23042.1	22977.0	22705.0	22267.3	21533.9	20528.5	19174.1	18038.6
0°	23189.9	23272.7	23124.9	22971.1	22941.5	22722.7	22350.1	21687.7	20818.3	19339.7	18239.7
-2.5°	23225.4	23160.4	23059.8	22900.1	22746.4	22432.9	22095.8	21474.8	20540.3	18979.0	17955.8
-5°	23225.4	22923.8	22935.6	22941.5	22787.8	22462.5	22054.4	21528.0	20374.7	18973.1	17873.0
-7.5°	22775.9	22515.7	22474.3	22438.8	22397.4	22095.8	21776.4	21119.9	20096.8	18819.3	17642.3
-10°	22113.5	21859.2	21882.9	21829.7	21699.5	21498.5	21256.0	20664.5	19824.7	18334.3	17175.1
-12.5°	21285.5	21173.2	21108.1	21019.4	20889.3	20711.9	20463.5	19907.5	19008.5	17737.0	16636.9
-15°	20303.8	20221.0	20161.8	20108.6	19919.3	19736.0	19410.7	18896.2	18334.3	16968.1	15844.4
-17.5°	19322.0	19115.0	19032.2	18961.2	18837.0	18541.3	18245.6	17861.2	17074.6	15992.3	15028.2
-20°	18062.3	17938.1	17837.5	17742.9	17565.5	17334.8	17092.3	16648.7	15968.6	15093.3	14093.8

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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°	16743.4	16672.4	16589.6	16471.3	16353.0	16134.2	15797.1	15371.3	14839.0	13892.7	12958.2
-25°	15383.1	15247.1	15146.5	15034.1	14939.5	14738.4	14413.1	14005.0	13336.7	12520.6	11739.9
-27.5°	13780.3	13650.2	13597.0	13466.8	13384.0	13200.7	12875.4	12496.9	11893.6	11207.6	10415.1
-30°	11970.5	11994.2	11935.0	11810.8	11710.3	11473.7	11225.3	10906.0	10432.8	9776.3	9066.6
-32.5°	10296.8	10326.4	10255.4	10125.3	9995.2	9823.6	9593.0	9303.2	8948.3	8321.4	7706.3
-35°	8623.0	8611.2	8552.1	8475.2	8386.5	8244.5	7984.3	7765.5	7357.4	6919.7	6493.9
-37.5°	7120.8	7150.4	7132.6	7091.2	6990.7	6872.4	6659.5	6458.4	6156.8	5772.4	5441.2
-40°	5932.0	5967.5	5943.9	5902.5	5813.8	5742.8	5600.8	5423.4	5180.9	4849.7	4571.7
-42.5°	5021.2	5044.9	5015.3	4979.8	4903.0	4849.7	4737.4	4589.5	4388.4	4134.1	3885.7
-45°	4299.7	4305.6	4276.0	4252.4	4193.2	4128.2	4033.5	3915.3	3755.6	3578.1	3377.1
-47.5°	3731.9	3726.0	3696.4	3672.8	3625.5	3566.3	3489.4	3383.0	3258.8	3122.7	2963.1
-50°	3235.1	3264.7	3252.9	3229.2	3193.7	3152.3	3075.4	2963.1	2838.9	2738.3	2625.9
-52.5°	2892.1	2898.0	2892.1	2892.1	2886.2	2856.6	2767.9	2655.5	2519.5	2430.8	2336.1
-55°	2572.7	2602.3	2614.1	2625.9	2631.9	2631.9	2525.4	2407.1	2277.0	2188.3	2117.3
-57.5°	2312.5	2330.2	2342.1	2371.6	2395.3	2413.0	2318.4	2211.9	2111.4	2028.6	1963.5
-60°	2087.7	2111.4	2129.1	2158.7	2176.5	2188.3	2129.1	2058.2	1999.0	1945.8	1851.2
-62.5°	1886.7	1904.4	1922.1	1939.9	1957.6	1969.5	1945.8	1910.3	1880.7	1857.1	1738.8
-65°	1685.6	1703.3	1721.1	1744.7	1762.5	1774.3	1768.4	1744.7	1721.1	1697.4	1590.9
-67.5°	1502.2	1520.0	1543.6	1549.5	1561.4	1567.3	1555.5	1537.7	1508.1	1478.6	1395.8
-70°	1307.1	1318.9	1330.7	1330.7	1330.7	1324.8	1313.0	1289.3	1259.7	1218.3	1153.3
-72.5°	1129.6	1141.5	1153.3	1135.5	1123.7	1106.0	1088.2	1058.7	1029.1	999.5	964.0
-75°	964.0	969.9	969.9	946.3	928.5	910.8	887.1	869.4	839.8	816.2	786.6
-77.5°	768.9	768.9	768.9	751.1	739.3	727.5	709.7	692.0	668.3	650.6	626.9
-80°	597.3	597.3	597.3	591.4	573.7	561.9	550.0	538.2	520.5	508.6	496.8
-82.5°	455.4	455.4	455.4	449.5	437.7	431.7	419.9	408.1	402.2	390.3	384.4
-85°	331.2	337.1	337.1	331.2	325.3	313.5	307.5	301.6	295.7	289.8	278.0
-87.5°	224.7	224.7	224.7	218.8	212.9	212.9	207.0	195.2	183.3	177.4	171.5
-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°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
85°	17.7	17.7	17.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	17.7
82.5°	29.6	29.6	35.5	35.5	41.4	41.4	41.4	41.4	41.4	41.4	41.4
80°	29.6	35.5	41.4	47.3	53.2	59.1	59.1	59.1	59.1	53.2	53.2
77.5°	35.5	35.5	41.4	47.3	53.2	59.1	65.1	71.0	65.1	65.1	65.1
75°	35.5	41.4	41.4	47.3	53.2	59.1	65.1	71.0	71.0	71.0	71.0
72.5°	29.6	35.5	41.4	47.3	47.3	53.2	59.1	59.1	65.1	65.1	71.0
70°	29.6	35.5	41.4	41.4	47.3	47.3	53.2	59.1	59.1	65.1	65.1
67.5°	35.5	41.4	41.4	47.3	53.2	53.2	53.2	59.1	59.1	65.1	65.1
65°	41.4	47.3	47.3	53.2	59.1	59.1	65.1	65.1	65.1	71.0	71.0
62.5°	71.0	71.0	71.0	65.1	71.0	71.0	71.0	76.9	76.9	71.0	76.9
60°	366.7	266.1	183.3	230.7	207.0	94.6	94.6	94.6	88.7	88.7	82.8
57.5°	863.5	804.3	692.0	585.5	526.4	467.2	289.8	118.3	118.3	106.5	94.6
55°	1443.1	1247.9	1165.1	1023.2	869.4	798.4	662.4	449.5	212.9	141.9	124.2
52.5°	2235.6	2052.3	1839.3	1549.5	1342.5	1176.9	1064.6	845.7	567.8	301.6	189.3
50°	2992.6	2909.8	2779.7	2495.8	2064.1	1786.1	1602.8	1354.4	1017.3	621.0	354.9
47.5°	4820.2	4128.2	3708.3	3489.4	3128.7	2602.3	2247.4	1969.5	1561.4	1046.8	626.9
45°	6068.1	5630.4	4962.1	4500.8	3968.5	3412.5	2951.2	2631.9	2146.9	1567.3	981.8
42.5°	7138.6	6760.0	6156.8	5482.6	4920.7	4193.2	3601.8	3181.9	2773.8	2141.0	1466.7
40°	8516.6	8067.1	7487.5	6831.0	6174.5	5246.0	4287.9	3779.2	3329.7	2767.9	1981.3
37.5°	10787.7	9995.2	9048.9	8321.4	7463.8	6677.2	5364.3	4465.3	3933.0	3347.5	2584.5
35°	13520.1	12650.7	11071.6	10107.5	8960.2	7789.1	6606.3	5275.6	4518.5	3897.5	3140.5
32.5°	16063.2	14791.7	12769.0	11639.3	10876.4	8717.7	7493.4	6340.1	5121.8	4358.8	3459.9
30°	16767.0	15365.3	13916.3	12597.4	11296.3	9551.6	8102.6	7203.6	5878.8	4636.8	3761.5
27.5°	16057.3	15093.3	13969.6	12745.3	11337.7	9841.4	8475.2	7617.6	6434.8	4826.1	3998.1
25°	15335.8	14330.3	13543.7	12520.6	11219.4	9823.6	8487.0	7877.8	6866.5	5192.8	4128.2
22.5°	14572.8	13945.9	13295.3	12153.9	10923.7	9876.9	8871.4	8102.6	7091.2	5606.8	4181.4
20°	14614.2	14206.1	13490.5	11964.6	10870.5	10190.3	9332.8	8386.5	7333.7	5967.5	4222.8
17.5°	15276.6	14744.3	13845.4	12520.6	11349.5	10509.7	9717.2	8776.8	7582.1	6286.9	4725.5
15°	16092.8	15282.5	14342.2	13177.0	11852.2	10858.6	10012.9	9048.9	7866.0	6582.6	5175.0
12.5°	16684.2	15530.9	14649.7	13597.0	12396.4	11237.2	10208.1	9255.9	8132.2	6825.1	5512.1
10°	16885.3	15838.5	14797.6	13857.2	12674.3	11438.2	10355.9	9386.0	8362.8	7014.4	5760.5
7.5°	16991.8	16104.6	14898.1	13975.5	12839.9	11562.4	10474.2	9457.0	8546.2	7144.5	5920.2
5°	16979.9	16246.6	14975.0	14011.0	12928.6	11615.7	10557.0	9474.7	8676.3	7256.8	6014.8
2.5°	16926.7	16341.2	15099.2	14070.1	13106.1	11716.2	10716.7	9510.2	8723.6	7381.0	6079.9
0°	17121.9	16347.1	15229.3	14087.8	13224.4	11751.7	10787.7	9480.6	8658.5	7416.5	6074.0
-2.5°	16702.0	15998.2	15199.7	13934.1	13064.7	11668.9	10657.6	9386.0	8516.6	7375.1	6050.3
-5°	16631.0	15743.9	14951.3	13792.1	12798.5	11497.4	10415.1	9208.6	8291.8	7239.1	5955.7
-7.5°	16441.7	15501.4	14708.9	13679.8	12550.1	11320.0	10184.4	9025.2	8049.4	7026.2	5819.7
-10°	16027.7	15128.8	14448.6	13437.3	12248.5	11065.6	9906.4	8782.7	7765.5	6736.4	5606.8
-12.5°	15436.3	14537.3	13863.1	12922.7	11870.0	10722.6	9575.2	8469.3	7440.2	6428.8	5352.4
-15°	14768.0	13857.2	13183.0	12325.4	11308.1	10190.3	9155.3	8073.0	7067.6	6103.6	5050.8
-17.5°	14011.0	13147.5	12496.9	11663.0	10651.6	9587.1	8558.0	7576.2	6635.8	5766.4	4701.9
-20°	13135.6	12295.8	11698.5	10864.6	9936.0	8901.0	7901.5	6973.0	6127.2	5311.0	4317.4

REPORT NUMBER: P722610

CATALOG NUMBER: IFLD-S-SA6D-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°	12053.3	11314.0	10633.9	9888.7	9078.4	8132.2	7203.6	6381.5	5571.3	4772.8	3921.2
-25°	10947.4	10231.7	9569.3	8889.2	8114.4	7298.2	6505.7	5760.5	4968.0	4246.5	3536.7
-27.5°	9717.2	9078.4	8487.0	7860.1	7150.4	6446.6	5796.0	5068.6	4382.5	3767.4	3158.2
-30°	8404.2	7883.8	7369.2	6813.3	6239.6	5648.2	5068.6	4382.5	3844.3	3353.4	2838.9
-32.5°	7144.5	6677.2	6263.2	5849.2	5352.4	4867.5	4352.9	3844.3	3394.8	2963.1	2531.3
-35°	6038.5	5541.7	5311.0	4979.8	4583.6	4145.9	3726.0	3371.1	3010.4	2620.0	2235.6
-37.5°	5080.4	4761.0	4488.9	4240.5	3927.1	3548.6	3246.9	2957.1	2655.5	2300.7	1969.5
-40°	4329.3	4098.6	3826.5	3643.2	3388.9	3116.8	2815.2	2572.7	2318.4	2028.6	1756.5
-42.5°	3726.0	3536.7	3359.3	3164.1	2974.9	2744.2	2484.0	2253.3	2022.7	1809.8	1585.0
-45°	3229.2	3093.2	2951.2	2791.5	2625.9	2424.9	2211.9	1975.4	1809.8	1620.5	1431.3
-47.5°	2821.1	2720.6	2602.3	2478.1	2336.1	2158.7	1963.5	1792.0	1620.5	1460.8	1277.5
-50°	2495.8	2401.2	2306.6	2200.1	2075.9	1922.1	1774.3	1614.6	1454.9	1301.1	1129.6
-52.5°	2223.8	2141.0	2064.1	1975.4	1857.1	1727.0	1590.9	1449.0	1301.1	1147.4	1011.3
-55°	2034.5	1939.9	1863.0	1774.3	1667.8	1543.6	1419.4	1289.3	1147.4	1029.1	916.7
-57.5°	1880.7	1774.3	1685.6	1590.9	1484.5	1378.0	1265.7	1147.4	1040.9	928.5	822.1
-60°	1750.6	1626.4	1525.9	1431.3	1330.7	1230.2	1135.5	1035.0	934.5	833.9	727.5
-62.5°	1614.6	1484.5	1360.3	1271.6	1194.7	1106.0	1023.2	928.5	839.8	739.3	662.4
-65°	1460.8	1336.6	1218.3	1141.5	1070.5	993.6	916.7	833.9	757.0	680.1	609.2
-67.5°	1289.3	1182.9	1100.1	1029.1	958.1	893.1	822.1	751.1	686.1	609.2	538.2
-70°	1082.3	1023.2	975.9	922.6	857.6	798.4	733.4	668.3	597.3	532.3	467.2
-72.5°	922.6	887.1	851.7	798.4	739.3	686.1	632.8	573.7	514.5	455.4	402.2
-75°	757.0	727.5	697.9	662.4	615.1	573.7	526.4	473.1	425.8	384.4	343.0
-77.5°	609.2	585.5	567.8	538.2	502.7	467.2	437.7	402.2	366.7	325.3	283.9
-80°	485.0	473.1	467.2	455.4	425.8	396.3	372.6	343.0	307.5	278.0	248.4
-82.5°	378.5	378.5	372.6	366.7	343.0	319.4	301.6	278.0	254.3	230.7	201.1
-85°	278.0	272.1	272.1	266.1	248.4	236.6	218.8	207.0	189.3	165.6	153.8
-87.5°	165.6	159.7	153.8	147.9	136.0	130.1	118.3	112.4	100.5	88.7	82.8
-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: P722610

CATALOG NUMBER: IFLD-S-SA6D-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°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	0.0	0.0
85°	17.7	11.8	11.8	11.8	11.8	11.8	5.9	5.9	5.9	5.9	5.9
82.5°	35.5	35.5	29.6	29.6	23.7	17.7	11.8	11.8	11.8	5.9	5.9
80°	53.2	53.2	53.2	47.3	41.4	29.6	23.7	17.7	11.8	5.9	5.9
77.5°	65.1	59.1	59.1	53.2	53.2	47.3	35.5	29.6	17.7	11.8	5.9
75°	65.1	65.1	65.1	59.1	59.1	53.2	47.3	35.5	29.6	17.7	11.8
72.5°	71.0	65.1	65.1	65.1	59.1	53.2	47.3	41.4	35.5	23.7	11.8
70°	65.1	65.1	65.1	65.1	59.1	59.1	47.3	41.4	41.4	23.7	17.7
67.5°	65.1	65.1	65.1	59.1	59.1	53.2	47.3	41.4	41.4	29.6	17.7
65°	71.0	65.1	65.1	65.1	59.1	53.2	47.3	41.4	41.4	35.5	23.7
62.5°	76.9	71.0	71.0	65.1	59.1	53.2	47.3	41.4	41.4	35.5	23.7
60°	82.8	76.9	71.0	71.0	65.1	59.1	47.3	47.3	41.4	35.5	23.7
57.5°	88.7	82.8	82.8	76.9	71.0	65.1	53.2	47.3	41.4	35.5	29.6
55°	106.5	94.6	88.7	88.7	82.8	71.0	59.1	47.3	41.4	35.5	29.6
52.5°	141.9	112.4	100.5	100.5	94.6	82.8	65.1	53.2	41.4	35.5	29.6
50°	224.7	141.9	118.3	106.5	106.5	94.6	76.9	59.1	41.4	35.5	29.6
47.5°	354.9	236.6	141.9	124.2	118.3	112.4	88.7	59.1	47.3	35.5	29.6
45°	585.5	348.9	230.7	147.9	124.2	118.3	100.5	65.1	47.3	41.4	29.6
42.5°	804.3	544.1	354.9	177.4	147.9	130.1	106.5	71.0	53.2	41.4	29.6
40°	1265.7	745.2	496.8	289.8	171.5	136.0	118.3	82.8	53.2	41.4	29.6
37.5°	1715.1	987.7	668.3	425.8	195.2	153.8	124.2	88.7	59.1	41.4	35.5
35°	2164.6	1383.9	828.0	567.8	260.2	183.3	130.1	94.6	59.1	41.4	35.5
32.5°	2566.8	1756.5	993.6	709.7	390.3	218.8	141.9	100.5	65.1	47.3	35.5
30°	2898.0	2099.6	1289.3	833.9	508.6	266.1	153.8	100.5	71.0	47.3	35.5
27.5°	3146.4	2365.7	1590.9	964.0	609.2	313.5	177.4	112.4	71.0	47.3	35.5
25°	3347.5	2572.7	1857.1	1100.1	697.9	390.3	212.9	118.3	76.9	53.2	35.5
22.5°	3507.2	2744.2	2075.9	1283.4	804.3	467.2	260.2	130.1	76.9	53.2	35.5
20°	3726.0	2915.7	2223.8	1478.6	916.7	538.2	301.6	141.9	76.9	53.2	41.4
17.5°	3915.3	3087.3	2342.1	1644.2	1029.1	591.4	348.9	153.8	82.8	53.2	41.4
15°	4134.1	3252.9	2448.5	1774.3	1135.5	638.7	390.3	165.6	82.8	59.1	41.4
12.5°	4370.7	3406.6	2525.4	1880.7	1247.9	680.1	425.8	189.3	88.7	59.1	41.4
10°	4613.1	3536.7	2590.5	1957.6	1330.7	721.5	449.5	212.9	94.6	59.1	41.4
7.5°	4855.6	3655.0	2673.3	1993.1	1366.2	768.9	461.3	236.6	94.6	65.1	41.4
5°	5021.2	3731.9	2791.5	2016.8	1383.9	822.1	479.1	266.1	100.5	65.1	41.4
2.5°	5163.2	3779.2	2915.7	2034.5	1389.9	851.7	473.1	283.9	106.5	65.1	41.4
0°	5228.2	3779.2	2998.5	2022.7	1372.1	881.2	473.1	301.6	106.5	65.1	41.4
-2.5°	5127.7	3885.7	2974.9	2028.6	1378.0	881.2	496.8	307.5	118.3	71.0	41.4
-5°	4968.0	3927.1	2903.9	1999.0	1366.2	881.2	526.4	313.5	124.2	71.0	47.3
-7.5°	4814.2	3944.8	2821.1	1969.5	1348.5	857.6	532.3	307.5	136.0	76.9	47.3
-10°	4613.1	3749.7	2714.7	1916.2	1313.0	839.8	544.1	307.5	141.9	76.9	47.3
-12.5°	4382.5	3513.1	2584.5	1839.3	1271.6	822.1	550.0	307.5	147.9	82.8	47.3
-15°	4116.3	3270.6	2436.7	1756.5	1212.4	798.4	538.2	301.6	153.8	82.8	53.2
-17.5°	3814.7	3034.0	2282.9	1656.0	1147.4	768.9	514.5	295.7	153.8	82.8	53.2
-20°	3471.7	2797.5	2111.4	1555.5	1070.5	733.4	490.9	283.9	153.8	82.8	53.2

REPORT NUMBER: P722610

CATALOG NUMBER: IFLD-S-SA6D-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°	3164.1	2578.6	1934.0	1443.1	987.7	692.0	461.3	272.1	153.8	88.7	53.2
-25°	2909.8	2365.7	1797.9	1330.7	899.0	644.7	431.7	260.2	153.8	88.7	53.2
-27.5°	2643.7	2135.1	1656.0	1224.3	839.8	603.3	402.2	248.4	147.9	88.7	53.2
-30°	2371.6	1910.3	1508.1	1106.0	780.7	561.9	378.5	230.7	147.9	88.7	53.2
-32.5°	2123.2	1727.0	1372.1	987.7	715.6	520.5	354.9	224.7	141.9	88.7	53.2
-35°	1880.7	1561.4	1230.2	893.1	644.7	479.1	331.2	218.8	141.9	88.7	53.2
-37.5°	1679.7	1407.6	1100.1	828.0	603.3	443.6	307.5	207.0	136.0	88.7	53.2
-40°	1514.1	1265.7	975.9	757.0	567.8	408.1	283.9	201.1	136.0	88.7	53.2
-42.5°	1360.3	1129.6	899.0	697.9	532.3	384.4	266.1	195.2	130.1	88.7	53.2
-45°	1224.3	1011.3	822.1	644.7	490.9	354.9	254.3	183.3	124.2	88.7	59.1
-47.5°	1088.2	928.5	751.1	597.3	449.5	319.4	242.5	177.4	118.3	82.8	59.1
-50°	981.8	839.8	692.0	544.1	408.1	307.5	230.7	165.6	118.3	82.8	59.1
-52.5°	887.1	757.0	626.9	490.9	372.6	289.8	218.8	153.8	112.4	82.8	59.1
-55°	798.4	680.1	561.9	437.7	348.9	272.1	201.1	141.9	112.4	82.8	59.1
-57.5°	709.7	609.2	496.8	396.3	319.4	254.3	189.3	141.9	112.4	82.8	59.1
-60°	638.7	544.1	449.5	366.7	295.7	230.7	171.5	136.0	106.5	82.8	59.1
-62.5°	579.6	490.9	408.1	331.2	272.1	207.0	165.6	136.0	106.5	82.8	53.2
-65°	520.5	443.6	366.7	301.6	242.5	195.2	159.7	130.1	106.5	82.8	53.2
-67.5°	461.3	390.3	331.2	266.1	224.7	189.3	153.8	130.1	100.5	76.9	53.2
-70°	402.2	343.0	289.8	248.4	212.9	177.4	147.9	124.2	100.5	71.0	47.3
-72.5°	354.9	301.6	260.2	230.7	201.1	171.5	141.9	118.3	94.6	65.1	41.4
-75°	301.6	266.1	236.6	207.0	183.3	159.7	136.0	106.5	82.8	59.1	41.4
-77.5°	254.3	230.7	207.0	189.3	165.6	141.9	118.3	94.6	76.9	53.2	35.5
-80°	218.8	201.1	183.3	165.6	147.9	124.2	106.5	82.8	65.1	47.3	29.6
-82.5°	177.4	165.6	147.9	136.0	124.2	106.5	88.7	71.0	47.3	35.5	23.7
-85°	136.0	124.2	118.3	106.5	94.6	76.9	59.1	47.3	35.5	23.7	11.8
-87.5°	71.0	65.1	59.1	53.2	47.3	35.5	29.6	23.7	17.7	11.8	5.9
-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: P722610

CATALOG NUMBER: IFLD-S-SA6D-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°	5.9	0.0	0.0	0.0
77.5°	5.9	0.0	0.0	0.0
75°	5.9	5.9	0.0	0.0
72.5°	5.9	5.9	0.0	0.0
70°	5.9	5.9	0.0	0.0
67.5°	11.8	5.9	0.0	0.0
65°	11.8	5.9	0.0	0.0
62.5°	11.8	5.9	0.0	0.0
60°	11.8	5.9	0.0	0.0
57.5°	17.7	5.9	5.9	0.0
55°	17.7	5.9	5.9	0.0
52.5°	17.7	5.9	5.9	0.0
50°	17.7	11.8	5.9	0.0
47.5°	17.7	11.8	5.9	0.0
45°	17.7	11.8	5.9	0.0
42.5°	17.7	11.8	5.9	0.0
40°	23.7	11.8	5.9	0.0
37.5°	23.7	11.8	5.9	0.0
35°	23.7	11.8	5.9	0.0
32.5°	23.7	11.8	5.9	0.0
30°	23.7	11.8	5.9	0.0
27.5°	23.7	17.7	5.9	0.0
25°	23.7	17.7	5.9	0.0
22.5°	29.6	17.7	5.9	0.0
20°	29.6	17.7	5.9	0.0
17.5°	29.6	17.7	5.9	0.0
15°	29.6	17.7	5.9	0.0
12.5°	29.6	17.7	5.9	0.0
10°	29.6	17.7	5.9	0.0
7.5°	29.6	17.7	5.9	0.0
5°	29.6	17.7	5.9	0.0
2.5°	29.6	17.7	5.9	0.0
0°	29.6	17.7	5.9	0.0
-2.5°	29.6	17.7	5.9	0.0
-5°	29.6	17.7	5.9	0.0
-7.5°	29.6	17.7	5.9	0.0
-10°	29.6	17.7	5.9	0.0
-12.5°	35.5	17.7	5.9	0.0
-15°	35.5	17.7	5.9	0.0
-17.5°	35.5	17.7	5.9	0.0
-20°	35.5	17.7	5.9	0.0

REPORT NUMBER: P722610

CATALOG NUMBER: IFLD-S-SA6D-830-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	35.5	17.7	5.9	0.0
-25°	35.5	17.7	5.9	0.0
-27.5°	35.5	17.7	5.9	0.0
-30°	35.5	17.7	5.9	0.0
-32.5°	35.5	17.7	5.9	0.0
-35°	35.5	17.7	5.9	0.0
-37.5°	35.5	17.7	5.9	0.0
-40°	35.5	17.7	5.9	0.0
-42.5°	29.6	17.7	5.9	0.0
-45°	35.5	17.7	5.9	0.0
-47.5°	35.5	17.7	5.9	0.0
-50°	35.5	17.7	5.9	0.0
-52.5°	35.5	17.7	5.9	0.0
-55°	35.5	17.7	5.9	0.0
-57.5°	35.5	17.7	5.9	0.0
-60°	35.5	17.7	5.9	0.0
-62.5°	29.6	17.7	5.9	0.0
-65°	29.6	11.8	5.9	0.0
-67.5°	29.6	11.8	5.9	0.0
-70°	29.6	11.8	5.9	0.0
-72.5°	23.7	11.8	5.9	0.0
-75°	23.7	11.8	5.9	0.0
-77.5°	17.7	5.9	0.0	0.0
-80°	17.7	5.9	0.0	0.0
-82.5°	11.8	5.9	0.0	0.0
-85°	5.9	5.9	0.0	0.0
-87.5°	5.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)