

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: P722582

Luminaire Tested: **IFLD-S-SA6E-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722582
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	39772.6 lumens	Max Intensity:	27765.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.7 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:	25373.2 lumens	Field Lumens:	37496.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

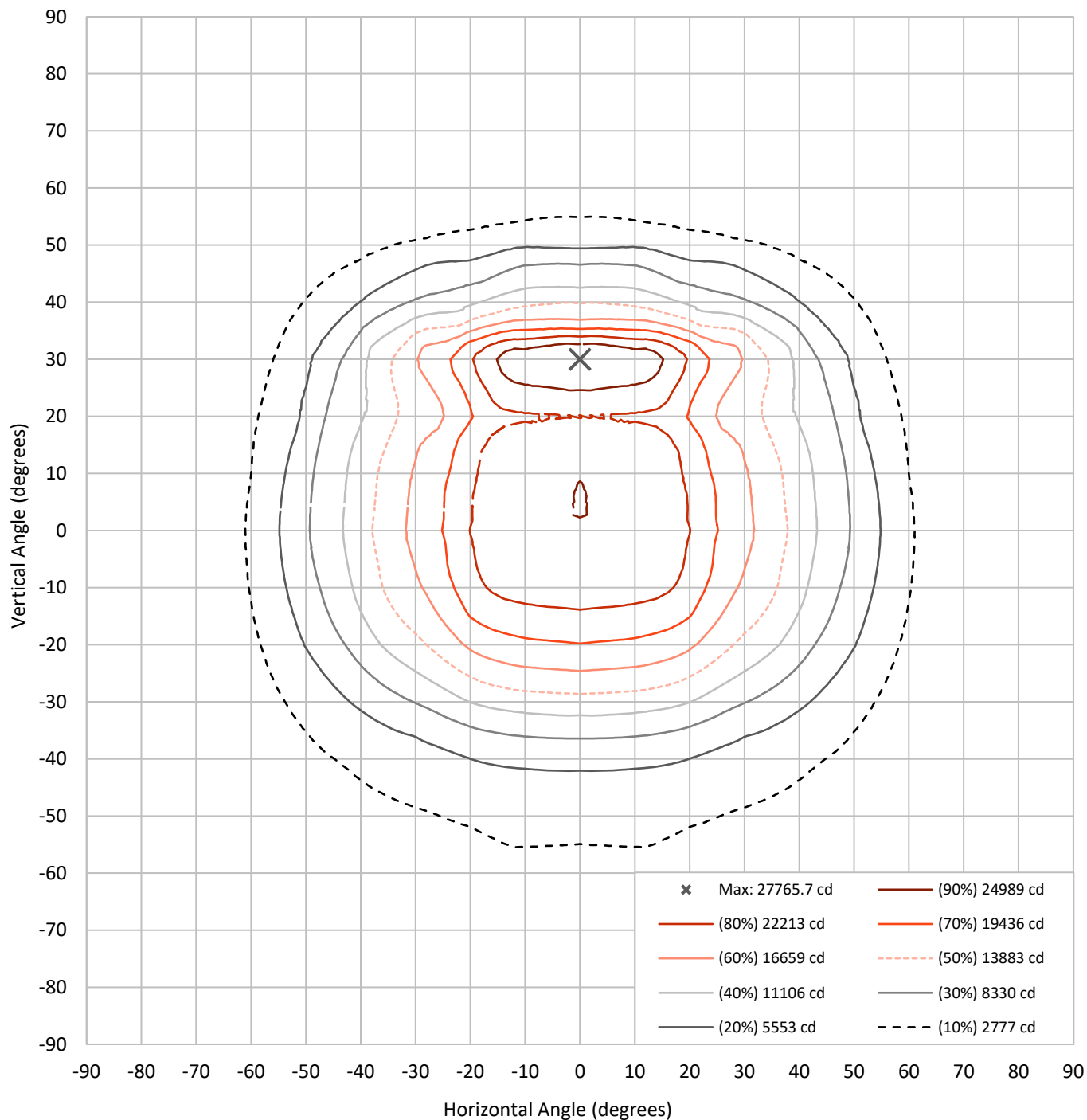
Input Watts (W): 464.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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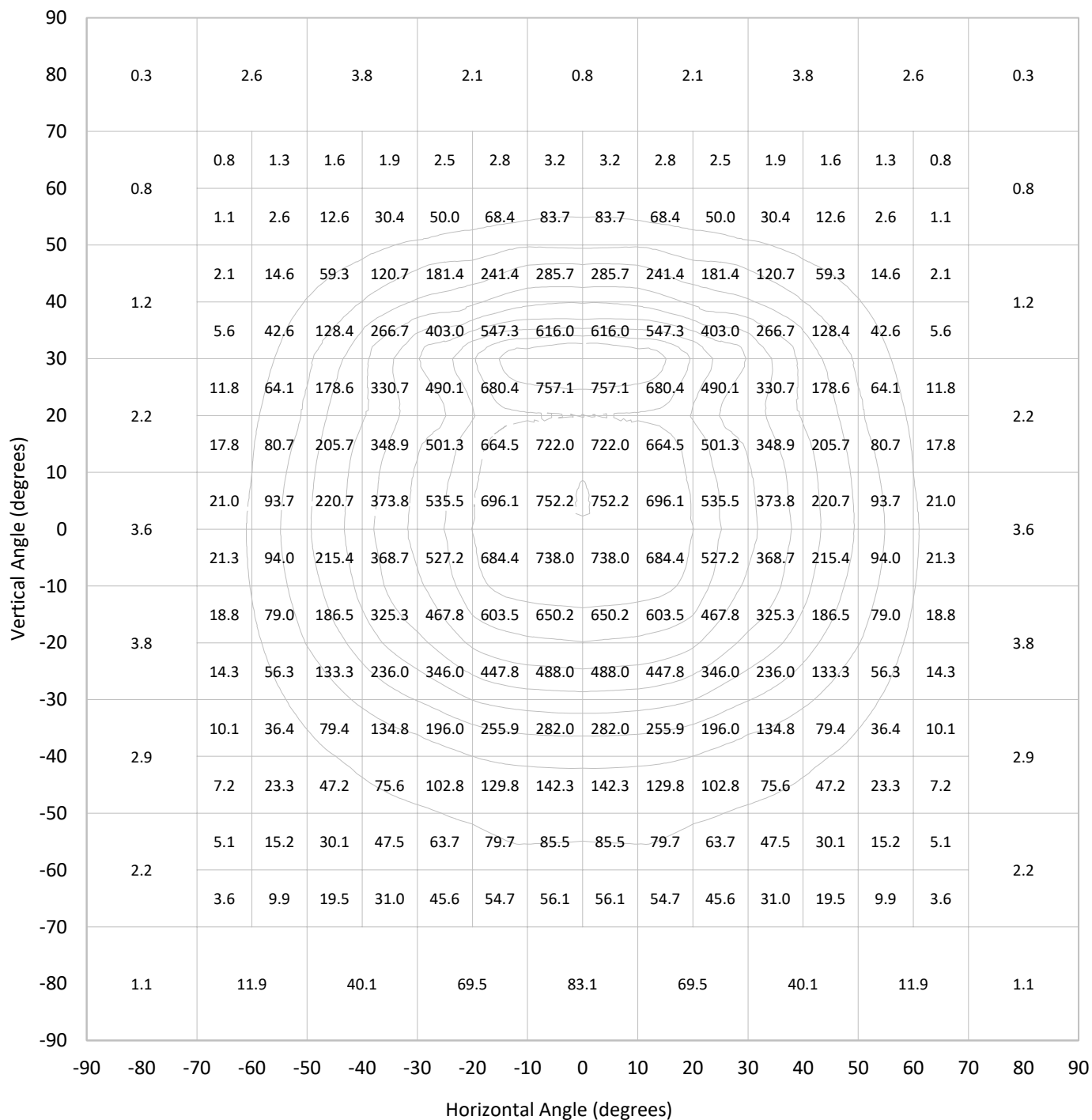
Iso-Candela Plot



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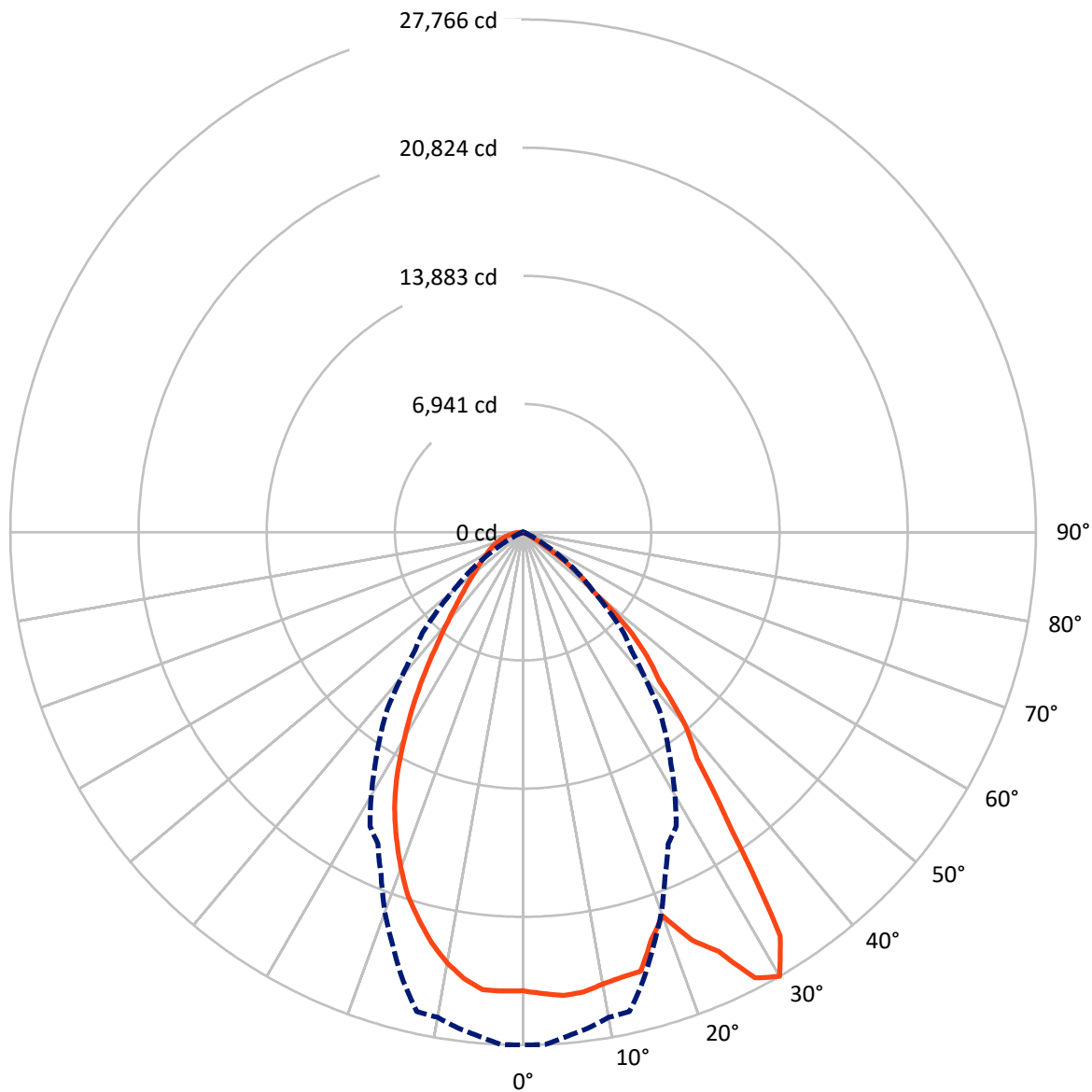
Lumen Table



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Luminous Intensity Polar Plot

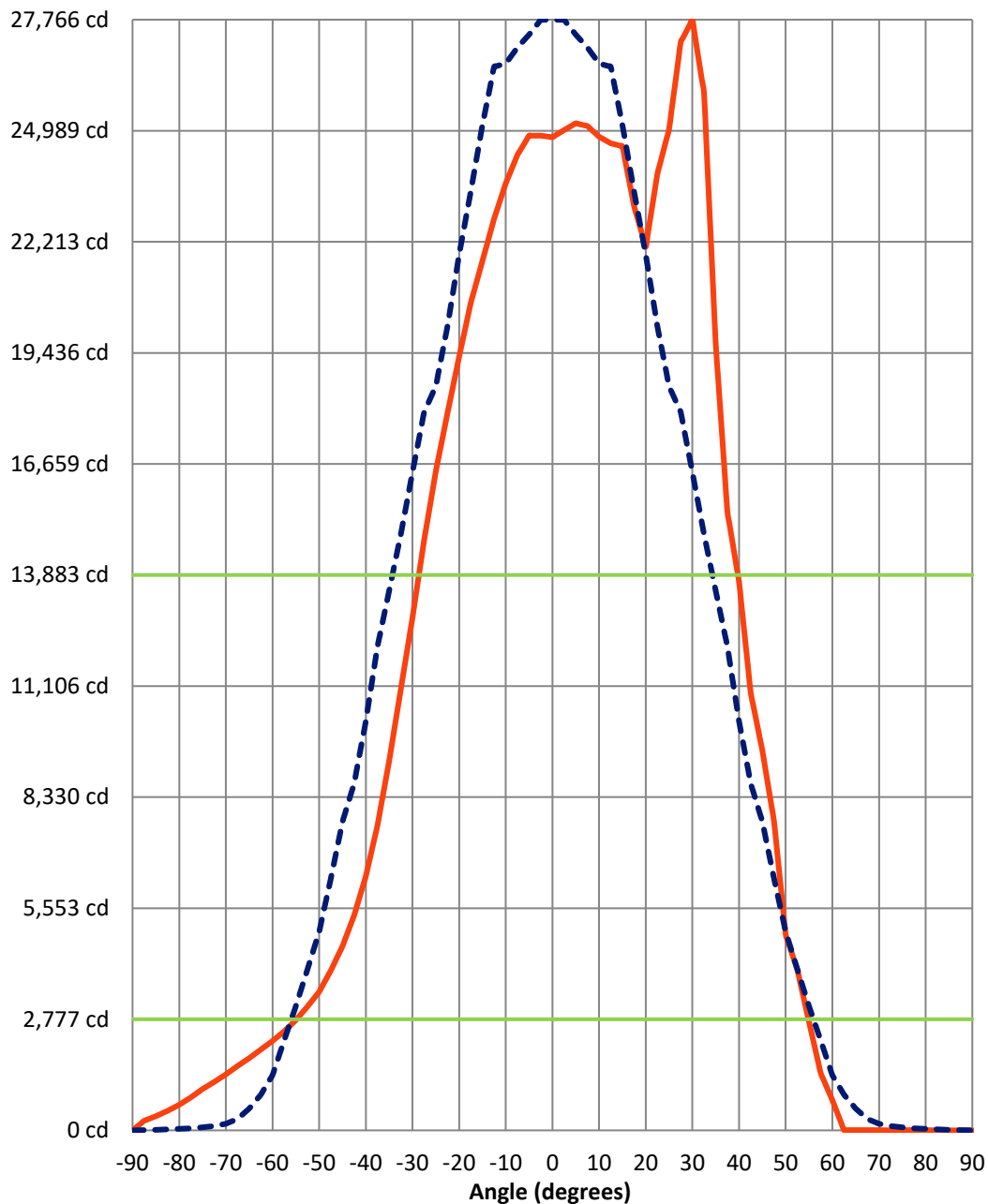


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 25373.2

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 37496.7

Efficiency: 94.3%

Spill:

Lumens: 2276

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	6.3	6.3	6.3	6.3	6.3	6.3	6.3
85°	0.0	6.3	6.3	6.3	12.7	12.7	12.7	12.7	12.7	12.7	19.0
82.5°	0.0	6.3	6.3	6.3	12.7	12.7	12.7	12.7	19.0	19.0	25.3
80°	6.3	6.3	6.3	6.3	12.7	12.7	12.7	19.0	19.0	25.3	25.3
77.5°	6.3	6.3	6.3	12.7	12.7	12.7	19.0	19.0	25.3	25.3	31.7
75°	6.3	6.3	6.3	12.7	12.7	19.0	19.0	19.0	25.3	25.3	31.7
72.5°	0.0	6.3	6.3	12.7	12.7	19.0	19.0	19.0	25.3	25.3	25.3
70°	6.3	6.3	6.3	12.7	12.7	19.0	19.0	19.0	25.3	25.3	25.3
67.5°	6.3	6.3	6.3	12.7	12.7	19.0	19.0	25.3	25.3	25.3	31.7
65°	6.3	6.3	6.3	12.7	19.0	19.0	25.3	31.7	31.7	38.0	44.3
62.5°	6.3	12.7	12.7	19.0	25.3	31.7	69.7	107.6	107.6	76.0	63.3
60°	753.5	816.8	810.5	734.5	639.5	538.2	519.2	500.2	462.2	405.2	424.2
57.5°	1431.0	1507.0	1538.7	1519.7	1469.0	1380.4	1329.7	1272.7	1196.7	1108.1	1006.8
55°	2710.1	2741.7	2672.1	2539.1	2393.5	2247.9	2197.2	2121.2	2007.2	1893.3	1741.3
52.5°	4008.1	4115.8	4084.1	3951.2	3754.9	3495.3	3210.3	2988.7	2855.7	2729.1	2577.1
50°	4894.6	4938.9	5027.6	5185.9	5242.9	5065.6	4603.3	4008.1	3583.9	3799.2	3634.6
47.5°	7725.0	7946.6	7902.3	7788.3	7598.4	7117.1	6471.3	5939.4	5496.2	5350.5	5375.8
45°	9491.6	9580.3	9548.6	9498.0	9409.3	8959.7	8244.2	7427.4	7015.8	6851.2	6680.2
42.5°	10941.7	11036.6	11055.6	11062.0	10967.0	10555.4	9909.5	9092.7	8681.1	8206.2	7832.7
40°	13708.7	13848.0	13689.7	13480.8	13164.2	12695.6	12062.4	11308.9	10580.7	9998.2	9555.0
37.5°	15475.4	15646.3	15709.6	15697.0	15627.3	15424.7	14645.9	13930.3	12815.9	11511.5	11745.8
35°	19667.1	19844.4	19793.8	19603.8	19502.5	19287.2	18527.4	17678.9	16279.5	14861.1	14481.2
32.5°	25916.8	26303.0	25581.2	24789.7	24302.1	24473.1	23700.6	21623.7	20977.8	18419.7	17235.6
30°	27765.7	27759.4	27392.1	27069.2	26670.3	26588.0	25131.6	23472.6	21889.6	20097.7	18603.3
27.5°	27202.2	27088.2	26777.9	26543.6	26170.1	25973.8	24549.1	23232.0	21402.1	19800.1	18356.4
25°	25030.3	25119.0	24802.4	24758.0	24612.4	24232.5	23523.3	22041.6	20408.0	18635.0	17596.6
22.5°	23909.5	23877.9	23498.0	23276.3	23453.6	23048.4	22763.5	21269.1	19565.8	18071.5	16824.1
20°	22085.9	22092.3	21997.3	21978.3	21870.6	21687.0	21459.1	20401.6	19198.6	17919.5	16418.8
17.5°	23105.4	23365.0	23479.0	22535.5	22801.4	22592.5	22351.9	20876.5	19971.1	18837.6	16881.0
15°	24599.7	24504.7	24390.8	24340.1	24194.5	23998.2	23561.3	22383.5	20825.9	19654.5	18128.4
12.5°	24675.7	24492.1	24447.8	24441.4	24289.5	24017.2	23592.9	22617.8	21237.4	19812.8	18571.7
10°	24840.3	24650.4	24625.1	24656.7	24422.4	24251.5	23827.2	22921.8	21364.1	20085.0	18913.6
7.5°	25106.3	24789.7	24935.3	24840.3	24732.7	24460.4	24004.5	23118.0	21826.3	20446.0	19217.5
5°	25175.9	24827.7	24986.0	24897.3	24739.0	24473.1	23979.2	23244.7	22111.3	20591.6	19337.9
2.5°	25005.0	24903.7	24834.0	24669.4	24599.7	24308.5	23839.9	23054.7	21978.3	20528.3	19312.5
0°	24827.7	24916.3	24758.0	24593.4	24561.7	24327.5	23928.5	23219.4	22288.6	20705.6	19527.8
-2.5°	24865.7	24796.0	24688.4	24517.4	24352.8	24017.2	23656.3	22991.4	21991.0	20319.3	19223.9
-5°	24865.7	24542.7	24555.4	24561.7	24397.1	24048.8	23611.9	23048.4	21813.7	20313.0	19135.2
-7.5°	24384.4	24105.8	24061.5	24023.5	23979.2	23656.3	23314.3	22611.5	21516.1	20148.3	18888.3
-10°	23675.3	23403.0	23428.3	23371.3	23232.0	23016.7	22757.1	22123.9	21224.8	19629.1	18388.1
-12.5°	22788.8	22668.5	22598.8	22503.8	22364.5	22174.6	21908.6	21313.4	20351.0	18989.6	17811.9
-15°	21737.7	21649.0	21585.7	21528.7	21326.1	21129.8	20781.5	20230.7	19629.1	18166.4	16963.4
-17.5°	20686.6	20464.9	20376.3	20300.3	20167.3	19850.7	19534.1	19122.6	18280.4	17121.7	16089.6
-20°	19337.9	19204.9	19097.2	18995.9	18806.0	18559.0	18299.4	17824.5	17096.3	16159.2	15089.1

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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°	17925.8	17849.8	17761.2	17634.6	17507.9	17273.6	16912.7	16456.8	15886.9	14873.8	13873.4
-25°	16469.5	16323.8	16216.2	16095.9	15994.6	15779.3	15431.0	14994.1	14278.6	13404.8	12569.0
-27.5°	14753.5	14614.2	14557.2	14417.9	14329.3	14133.0	13784.7	13379.5	12733.6	11999.1	11150.6
-30°	12815.9	12841.2	12777.9	12645.0	12537.3	12284.0	12018.1	11676.2	11169.6	10466.8	9706.9
-32.5°	11024.0	11055.6	10979.6	10840.3	10701.0	10517.4	10270.5	9960.2	9580.3	8909.1	8250.6
-35°	9232.0	9219.4	9156.0	9073.7	8978.7	8826.8	8548.2	8313.9	7877.0	7408.4	6952.5
-37.5°	7623.7	7655.4	7636.4	7592.0	7484.4	7357.8	7129.8	6914.5	6591.6	6180.0	5825.4
-40°	6351.0	6389.0	6363.6	6319.3	6224.3	6148.3	5996.4	5806.4	5546.8	5192.2	4894.6
-42.5°	5375.8	5401.2	5369.5	5331.5	5249.2	5192.2	5071.9	4913.6	4698.3	4426.1	4160.1
-45°	4603.3	4609.7	4578.0	4552.7	4489.4	4419.7	4318.4	4191.8	4020.8	3830.8	3615.6
-47.5°	3995.5	3989.1	3957.5	3932.2	3881.5	3818.2	3735.9	3621.9	3488.9	3343.3	3172.3
-50°	3463.6	3495.3	3482.6	3457.3	3419.3	3374.9	3292.6	3172.3	3039.3	2931.7	2811.4
-52.5°	3096.3	3102.7	3096.3	3096.3	3090.0	3058.3	2963.4	2843.1	2697.4	2602.4	2501.1
-55°	2754.4	2786.1	2798.7	2811.4	2817.7	2817.7	2703.8	2577.1	2437.8	2342.8	2266.8
-57.5°	2475.8	2494.8	2507.5	2539.1	2564.5	2583.4	2482.1	2368.2	2260.5	2171.9	2102.2
-60°	2235.2	2260.5	2279.5	2311.2	2330.2	2342.8	2279.5	2203.5	2140.2	2083.2	1981.9
-62.5°	2019.9	2038.9	2057.9	2076.9	2095.9	2108.5	2083.2	2045.2	2013.6	1988.2	1861.6
-65°	1804.6	1823.6	1842.6	1867.9	1886.9	1899.6	1893.3	1867.9	1842.6	1817.3	1703.3
-67.5°	1608.3	1627.3	1652.6	1659.0	1671.6	1678.0	1665.3	1646.3	1614.7	1583.0	1494.3
-70°	1399.4	1412.0	1424.7	1424.7	1424.7	1418.4	1405.7	1380.4	1348.7	1304.4	1234.7
-72.5°	1209.4	1222.1	1234.7	1215.7	1203.1	1184.1	1165.1	1133.4	1101.8	1070.1	1032.1
-75°	1032.1	1038.4	1038.4	1013.1	994.1	975.1	949.8	930.8	899.1	873.8	842.2
-77.5°	823.2	823.2	823.2	804.2	791.5	778.8	759.8	740.8	715.5	696.5	671.2
-80°	639.5	639.5	639.5	633.2	614.2	601.5	588.9	576.2	557.2	544.5	531.9
-82.5°	487.6	487.6	487.6	481.2	468.6	462.2	449.6	436.9	430.6	417.9	411.6
-85°	354.6	360.9	360.9	354.6	348.3	335.6	329.3	322.9	316.6	310.3	297.6
-87.5°	240.6	240.6	240.6	234.3	228.0	228.0	221.6	209.0	196.3	190.0	183.6
-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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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°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
85°	19.0	19.0	19.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3	19.0
82.5°	31.7	31.7	38.0	38.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3
80°	31.7	38.0	44.3	50.7	57.0	63.3	63.3	63.3	63.3	57.0	57.0
77.5°	38.0	38.0	44.3	50.7	57.0	63.3	69.7	76.0	69.7	69.7	69.7
75°	38.0	44.3	44.3	50.7	57.0	63.3	69.7	76.0	76.0	76.0	76.0
72.5°	31.7	38.0	44.3	50.7	50.7	57.0	63.3	63.3	69.7	69.7	76.0
70°	31.7	38.0	44.3	44.3	50.7	50.7	57.0	63.3	63.3	69.7	69.7
67.5°	38.0	44.3	44.3	50.7	57.0	57.0	57.0	63.3	63.3	69.7	69.7
65°	44.3	50.7	50.7	57.0	63.3	63.3	69.7	69.7	69.7	76.0	76.0
62.5°	76.0	76.0	76.0	69.7	76.0	76.0	76.0	82.3	82.3	76.0	82.3
60°	392.6	284.9	196.3	246.9	221.6	101.3	101.3	101.3	95.0	95.0	88.6
57.5°	924.5	861.1	740.8	626.9	563.5	500.2	310.3	126.6	126.6	114.0	101.3
55°	1545.0	1336.0	1247.4	1095.4	930.8	854.8	709.2	481.2	228.0	152.0	133.0
52.5°	2393.5	2197.2	1969.2	1659.0	1437.4	1260.1	1139.8	905.5	607.9	322.9	202.6
50°	3204.0	3115.3	2976.0	2672.1	2209.9	1912.3	1716.0	1450.0	1089.1	664.9	379.9
47.5°	5160.6	4419.7	3970.1	3735.9	3349.6	2786.1	2406.2	2108.5	1671.6	1120.8	671.2
45°	6496.6	6028.0	5312.5	4818.6	4248.8	3653.6	3159.7	2817.7	2298.5	1678.0	1051.1
42.5°	7642.7	7237.4	6591.6	5869.7	5268.2	4489.4	3856.2	3406.6	2969.7	2292.2	1570.3
40°	9118.0	8636.8	8016.3	7313.4	6610.6	5616.5	4590.7	4046.1	3564.9	2963.4	2121.2
37.5°	11549.5	10701.0	9687.9	8909.1	7991.0	7148.8	5743.1	4780.6	4210.8	3583.9	2767.1
35°	14474.9	13544.1	11853.5	10821.3	9592.9	8339.2	7072.8	5648.1	4837.6	4172.8	3362.3
32.5°	17197.6	15836.3	13670.7	12461.3	11644.5	9333.3	8022.6	6787.9	5483.5	4666.7	3704.2
30°	17951.2	16450.5	14899.1	13487.1	12094.1	10226.1	8674.8	7712.3	6294.0	4964.3	4027.1
27.5°	17191.3	16159.2	14956.1	13645.4	12138.4	10536.4	9073.7	8155.6	6889.2	5166.9	4280.4
25°	16418.8	15342.4	14500.2	13404.8	12011.8	10517.4	9086.4	8434.2	7351.4	5559.5	4419.7
22.5°	15602.0	14930.8	14234.3	13012.2	11695.2	10574.4	9498.0	8674.8	7592.0	6002.7	4476.7
20°	15646.3	15209.4	14443.2	12809.6	11638.2	10910.0	9991.9	8978.7	7851.7	6389.0	4521.0
17.5°	16355.5	15785.6	14823.2	13404.8	12151.1	11251.9	10403.4	9396.7	8117.6	6730.9	5059.2
15°	17229.3	16361.8	15355.0	14107.6	12689.3	11625.5	10720.0	9687.9	8421.5	7047.5	5540.5
12.5°	17862.5	16627.8	15684.3	14557.2	13271.8	12030.8	10929.0	9909.5	8706.5	7307.1	5901.4
10°	18077.8	16957.0	15842.6	14835.8	13569.4	12246.0	11087.3	10048.8	8953.4	7509.7	6167.3
7.5°	18191.8	17242.0	15950.2	14962.5	13746.7	12379.0	11213.9	10124.8	9149.7	7649.0	6338.3
5°	18179.1	17393.9	16032.6	15000.5	13841.7	12436.0	11302.6	10143.8	9289.0	7769.3	6439.6
2.5°	18122.1	17495.3	16165.5	15063.8	14031.7	12543.6	11473.5	10181.8	9339.7	7902.3	6509.3
0°	18331.1	17501.6	16304.8	15082.8	14158.3	12581.6	11549.5	10150.2	9270.0	7940.3	6502.9
-2.5°	17881.5	17128.0	16273.2	14918.1	13987.3	12493.0	11410.2	10048.8	9118.0	7896.0	6477.6
-5°	17805.5	16855.7	16007.2	14766.2	13702.4	12309.4	11150.6	9858.9	8877.4	7750.3	6376.3
-7.5°	17602.9	16596.1	15747.6	14645.9	13436.5	12119.4	10903.7	9662.6	8617.8	7522.4	6230.7
-10°	17159.7	16197.2	15469.0	14386.3	13113.5	11847.1	10606.1	9403.0	8313.9	7212.1	6002.7
-12.5°	16526.5	15564.0	14842.2	13835.4	12708.3	11479.9	10251.5	9067.4	7965.6	6882.9	5730.4
-15°	15810.9	14835.8	14114.0	13195.8	12106.7	10910.0	9801.9	8643.1	7566.7	6534.6	5407.5
-17.5°	15000.5	14076.0	13379.5	12486.7	11403.9	10264.1	9162.4	8111.3	7104.5	6173.7	5033.9
-20°	14063.3	13164.2	12524.6	11631.8	10637.7	9529.6	8459.5	7465.4	6559.9	5686.1	4622.3

REPORT NUMBER: P722582

CATALOG NUMBER: IFLD-S-SA6E-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°	12904.6	12113.1	11384.9	10587.1	9719.6	8706.5	7712.3	6832.2	5964.7	5109.9	4198.1
-25°	11720.5	10954.3	10245.1	9517.0	8687.5	7813.7	6965.2	6167.3	5318.9	4546.4	3786.5
-27.5°	10403.4	9719.6	9086.4	8415.2	7655.4	6901.9	6205.3	5426.5	4692.0	4033.5	3381.3
-30°	8997.7	8440.5	7889.6	7294.4	6680.2	6047.0	5426.5	4692.0	4115.8	3590.2	3039.3
-32.5°	7649.0	7148.8	6705.6	6262.3	5730.4	5211.2	4660.3	4115.8	3634.6	3172.3	2710.1
-35°	6464.9	5933.1	5686.1	5331.5	4907.3	4438.7	3989.1	3609.2	3223.0	2805.1	2393.5
-37.5°	5439.2	5097.2	4806.0	4540.0	4204.4	3799.2	3476.3	3166.0	2843.1	2463.1	2108.5
-40°	4635.0	4388.1	4096.8	3900.5	3628.2	3337.0	3014.0	2754.4	2482.1	2171.9	1880.6
-42.5°	3989.1	3786.5	3596.6	3387.6	3185.0	2938.0	2659.4	2412.5	2165.5	1937.6	1697.0
-45°	3457.3	3311.6	3159.7	2988.7	2811.4	2596.1	2368.2	2114.9	1937.6	1735.0	1532.3
-47.5°	3020.4	2912.7	2786.1	2653.1	2501.1	2311.2	2102.2	1918.6	1735.0	1564.0	1367.7
-50°	2672.1	2570.8	2469.5	2355.5	2222.5	2057.9	1899.6	1728.6	1557.7	1393.0	1209.4
-52.5°	2380.8	2292.2	2209.9	2114.9	1988.2	1848.9	1703.3	1551.3	1393.0	1228.4	1082.8
-55°	2178.2	2076.9	1994.6	1899.6	1785.6	1652.6	1519.7	1380.4	1228.4	1101.8	981.5
-57.5°	2013.6	1899.6	1804.6	1703.3	1589.3	1475.4	1355.0	1228.4	1114.4	994.1	880.1
-60°	1874.3	1741.3	1633.6	1532.3	1424.7	1317.1	1215.7	1108.1	1000.5	892.8	778.8
-62.5°	1728.6	1589.3	1456.4	1361.4	1279.1	1184.1	1095.4	994.1	899.1	791.5	709.2
-65°	1564.0	1431.0	1304.4	1222.1	1146.1	1063.8	981.5	892.8	810.5	728.2	652.2
-67.5°	1380.4	1266.4	1177.7	1101.8	1025.8	956.1	880.1	804.2	734.5	652.2	576.2
-70°	1158.8	1095.4	1044.8	987.8	918.1	854.8	785.2	715.5	639.5	569.9	500.2
-72.5°	987.8	949.8	911.8	854.8	791.5	734.5	677.5	614.2	550.9	487.6	430.6
-75°	810.5	778.8	747.2	709.2	658.5	614.2	563.5	506.6	455.9	411.6	367.3
-77.5°	652.2	626.9	607.9	576.2	538.2	500.2	468.6	430.6	392.6	348.3	303.9
-80°	519.2	506.6	500.2	487.6	455.9	424.2	398.9	367.3	329.3	297.6	265.9
-82.5°	405.2	405.2	398.9	392.6	367.3	341.9	322.9	297.6	272.3	246.9	215.3
-85°	297.6	291.3	291.3	284.9	265.9	253.3	234.3	221.6	202.6	177.3	164.6
-87.5°	177.3	171.0	164.6	158.3	145.6	139.3	126.6	120.3	107.6	95.0	88.6
-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: P722582

CATALOG NUMBER: IFLD-S-SA6E-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°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	0.0	0.0
85°	19.0	12.7	12.7	12.7	12.7	12.7	6.3	6.3	6.3	6.3	6.3
82.5°	38.0	38.0	31.7	31.7	25.3	19.0	12.7	12.7	12.7	6.3	6.3
80°	57.0	57.0	57.0	50.7	44.3	31.7	25.3	19.0	12.7	6.3	6.3
77.5°	69.7	63.3	63.3	57.0	57.0	50.7	38.0	31.7	19.0	12.7	6.3
75°	69.7	69.7	69.7	63.3	63.3	57.0	50.7	38.0	31.7	19.0	12.7
72.5°	76.0	69.7	69.7	69.7	63.3	57.0	50.7	44.3	38.0	25.3	12.7
70°	69.7	69.7	69.7	69.7	63.3	63.3	50.7	44.3	44.3	25.3	19.0
67.5°	69.7	69.7	69.7	63.3	63.3	57.0	50.7	44.3	44.3	31.7	19.0
65°	76.0	69.7	69.7	69.7	63.3	57.0	50.7	44.3	44.3	38.0	25.3
62.5°	82.3	76.0	76.0	69.7	63.3	57.0	50.7	44.3	44.3	38.0	25.3
60°	88.6	82.3	76.0	76.0	69.7	63.3	50.7	50.7	44.3	38.0	25.3
57.5°	95.0	88.6	88.6	82.3	76.0	69.7	57.0	50.7	44.3	38.0	31.7
55°	114.0	101.3	95.0	95.0	88.6	76.0	63.3	50.7	44.3	38.0	31.7
52.5°	152.0	120.3	107.6	107.6	101.3	88.6	69.7	57.0	44.3	38.0	31.7
50°	240.6	152.0	126.6	114.0	114.0	101.3	82.3	63.3	44.3	38.0	31.7
47.5°	379.9	253.3	152.0	133.0	126.6	120.3	95.0	63.3	50.7	38.0	31.7
45°	626.9	373.6	246.9	158.3	133.0	126.6	107.6	69.7	50.7	44.3	31.7
42.5°	861.1	582.5	379.9	190.0	158.3	139.3	114.0	76.0	57.0	44.3	31.7
40°	1355.0	797.8	531.9	310.3	183.6	145.6	126.6	88.6	57.0	44.3	31.7
37.5°	1836.3	1057.4	715.5	455.9	209.0	164.6	133.0	95.0	63.3	44.3	38.0
35°	2317.5	1481.7	886.5	607.9	278.6	196.3	139.3	101.3	63.3	44.3	38.0
32.5°	2748.1	1880.6	1063.8	759.8	417.9	234.3	152.0	107.6	69.7	50.7	38.0
30°	3102.7	2247.9	1380.4	892.8	544.5	284.9	164.6	107.6	76.0	50.7	38.0
27.5°	3368.6	2532.8	1703.3	1032.1	652.2	335.6	190.0	120.3	76.0	50.7	38.0
25°	3583.9	2754.4	1988.2	1177.7	747.2	417.9	228.0	126.6	82.3	57.0	38.0
22.5°	3754.9	2938.0	2222.5	1374.0	861.1	500.2	278.6	139.3	82.3	57.0	38.0
20°	3989.1	3121.7	2380.8	1583.0	981.5	576.2	322.9	152.0	82.3	57.0	44.3
17.5°	4191.8	3305.3	2507.5	1760.3	1101.8	633.2	373.6	164.6	88.6	57.0	44.3
15°	4426.1	3482.6	2621.4	1899.6	1215.7	683.9	417.9	177.3	88.6	63.3	44.3
12.5°	4679.3	3647.2	2703.8	2013.6	1336.0	728.2	455.9	202.6	95.0	63.3	44.3
10°	4938.9	3786.5	2773.4	2095.9	1424.7	772.5	481.2	228.0	101.3	63.3	44.3
7.5°	5198.6	3913.2	2862.1	2133.9	1462.7	823.2	493.9	253.3	101.3	69.7	44.3
5°	5375.8	3995.5	2988.7	2159.2	1481.7	880.1	512.9	284.9	107.6	69.7	44.3
2.5°	5527.8	4046.1	3121.7	2178.2	1488.0	911.8	506.6	303.9	114.0	69.7	44.3
0°	5597.5	4046.1	3210.3	2165.5	1469.0	943.5	506.6	322.9	114.0	69.7	44.3
-2.5°	5489.8	4160.1	3185.0	2171.9	1475.4	943.5	531.9	329.3	126.6	76.0	44.3
-5°	5318.9	4204.4	3109.0	2140.2	1462.7	943.5	563.5	335.6	133.0	76.0	50.7
-7.5°	5154.2	4223.4	3020.4	2108.5	1443.7	918.1	569.9	329.3	145.6	82.3	50.7
-10°	4938.9	4014.5	2906.4	2051.6	1405.7	899.1	582.5	329.3	152.0	82.3	50.7
-12.5°	4692.0	3761.2	2767.1	1969.2	1361.4	880.1	588.9	329.3	158.3	88.6	50.7
-15°	4407.1	3501.6	2608.8	1880.6	1298.1	854.8	576.2	322.9	164.6	88.6	57.0
-17.5°	4084.1	3248.3	2444.1	1773.0	1228.4	823.2	550.9	316.6	164.6	88.6	57.0
-20°	3716.9	2995.0	2260.5	1665.3	1146.1	785.2	525.6	303.9	164.6	88.6	57.0



REPORT NUMBER: P722582

CATALOG NUMBER: IFLD-S-SA6E-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°	3387.6	2760.7	2070.6	1545.0	1057.4	740.8	493.9	291.3	164.6	95.0	57.0
-25°	3115.3	2532.8	1924.9	1424.7	962.5	690.2	462.2	278.6	164.6	95.0	57.0
-27.5°	2830.4	2285.8	1773.0	1310.7	899.1	645.9	430.6	265.9	158.3	95.0	57.0
-30°	2539.1	2045.2	1614.7	1184.1	835.8	601.5	405.2	246.9	158.3	95.0	57.0
-32.5°	2273.2	1848.9	1469.0	1057.4	766.2	557.2	379.9	240.6	152.0	95.0	57.0
-35°	2013.6	1671.6	1317.1	956.1	690.2	512.9	354.6	234.3	152.0	95.0	57.0
-37.5°	1798.3	1507.0	1177.7	886.5	645.9	474.9	329.3	221.6	145.6	95.0	57.0
-40°	1621.0	1355.0	1044.8	810.5	607.9	436.9	303.9	215.3	145.6	95.0	57.0
-42.5°	1456.4	1209.4	962.5	747.2	569.9	411.6	284.9	209.0	139.3	95.0	57.0
-45°	1310.7	1082.8	880.1	690.2	525.6	379.9	272.3	196.3	133.0	95.0	63.3
-47.5°	1165.1	994.1	804.2	639.5	481.2	341.9	259.6	190.0	126.6	88.6	63.3
-50°	1051.1	899.1	740.8	582.5	436.9	329.3	246.9	177.3	126.6	88.6	63.3
-52.5°	949.8	810.5	671.2	525.6	398.9	310.3	234.3	164.6	120.3	88.6	63.3
-55°	854.8	728.2	601.5	468.6	373.6	291.3	215.3	152.0	120.3	88.6	63.3
-57.5°	759.8	652.2	531.9	424.2	341.9	272.3	202.6	152.0	120.3	88.6	63.3
-60°	683.9	582.5	481.2	392.6	316.6	246.9	183.6	145.6	114.0	88.6	63.3
-62.5°	620.5	525.6	436.9	354.6	291.3	221.6	177.3	145.6	114.0	88.6	57.0
-65°	557.2	474.9	392.6	322.9	259.6	209.0	171.0	139.3	114.0	88.6	57.0
-67.5°	493.9	417.9	354.6	284.9	240.6	202.6	164.6	139.3	107.6	82.3	57.0
-70°	430.6	367.3	310.3	265.9	228.0	190.0	158.3	133.0	107.6	76.0	50.7
-72.5°	379.9	322.9	278.6	246.9	215.3	183.6	152.0	126.6	101.3	69.7	44.3
-75°	322.9	284.9	253.3	221.6	196.3	171.0	145.6	114.0	88.6	63.3	44.3
-77.5°	272.3	246.9	221.6	202.6	177.3	152.0	126.6	101.3	82.3	57.0	38.0
-80°	234.3	215.3	196.3	177.3	158.3	133.0	114.0	88.6	69.7	50.7	31.7
-82.5°	190.0	177.3	158.3	145.6	133.0	114.0	95.0	76.0	50.7	38.0	25.3
-85°	145.6	133.0	126.6	114.0	101.3	82.3	63.3	50.7	38.0	25.3	12.7
-87.5°	76.0	69.7	63.3	57.0	50.7	38.0	31.7	25.3	19.0	12.7	6.3
-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: P722582

CATALOG NUMBER: IFLD-S-SA6E-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°	6.3	0.0	0.0	0.0
77.5°	6.3	0.0	0.0	0.0
75°	6.3	6.3	0.0	0.0
72.5°	6.3	6.3	0.0	0.0
70°	6.3	6.3	0.0	0.0
67.5°	12.7	6.3	0.0	0.0
65°	12.7	6.3	0.0	0.0
62.5°	12.7	6.3	0.0	0.0
60°	12.7	6.3	0.0	0.0
57.5°	19.0	6.3	6.3	0.0
55°	19.0	6.3	6.3	0.0
52.5°	19.0	6.3	6.3	0.0
50°	19.0	12.7	6.3	0.0
47.5°	19.0	12.7	6.3	0.0
45°	19.0	12.7	6.3	0.0
42.5°	19.0	12.7	6.3	0.0
40°	25.3	12.7	6.3	0.0
37.5°	25.3	12.7	6.3	0.0
35°	25.3	12.7	6.3	0.0
32.5°	25.3	12.7	6.3	0.0
30°	25.3	12.7	6.3	0.0
27.5°	25.3	19.0	6.3	0.0
25°	25.3	19.0	6.3	0.0
22.5°	31.7	19.0	6.3	0.0
20°	31.7	19.0	6.3	0.0
17.5°	31.7	19.0	6.3	0.0
15°	31.7	19.0	6.3	0.0
12.5°	31.7	19.0	6.3	0.0
10°	31.7	19.0	6.3	0.0
7.5°	31.7	19.0	6.3	0.0
5°	31.7	19.0	6.3	0.0
2.5°	31.7	19.0	6.3	0.0
0°	31.7	19.0	6.3	0.0
-2.5°	31.7	19.0	6.3	0.0
-5°	31.7	19.0	6.3	0.0
-7.5°	31.7	19.0	6.3	0.0
-10°	31.7	19.0	6.3	0.0
-12.5°	38.0	19.0	6.3	0.0
-15°	38.0	19.0	6.3	0.0
-17.5°	38.0	19.0	6.3	0.0
-20°	38.0	19.0	6.3	0.0

REPORT NUMBER: P722582

CATALOG NUMBER: IFLD-S-SA6E-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	38.0	19.0	6.3	0.0
-25°	38.0	19.0	6.3	0.0
-27.5°	38.0	19.0	6.3	0.0
-30°	38.0	19.0	6.3	0.0
-32.5°	38.0	19.0	6.3	0.0
-35°	38.0	19.0	6.3	0.0
-37.5°	38.0	19.0	6.3	0.0
-40°	38.0	19.0	6.3	0.0
-42.5°	31.7	19.0	6.3	0.0
-45°	38.0	19.0	6.3	0.0
-47.5°	38.0	19.0	6.3	0.0
-50°	38.0	19.0	6.3	0.0
-52.5°	38.0	19.0	6.3	0.0
-55°	38.0	19.0	6.3	0.0
-57.5°	38.0	19.0	6.3	0.0
-60°	38.0	19.0	6.3	0.0
-62.5°	31.7	19.0	6.3	0.0
-65°	31.7	12.7	6.3	0.0
-67.5°	31.7	12.7	6.3	0.0
-70°	31.7	12.7	6.3	0.0
-72.5°	25.3	12.7	6.3	0.0
-75°	25.3	12.7	6.3	0.0
-77.5°	19.0	6.3	0.0	0.0
-80°	19.0	6.3	0.0	0.0
-82.5°	12.7	6.3	0.0	0.0
-85°	6.3	6.3	0.0	0.0
-87.5°	6.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)