

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: P722692

Luminaire Tested: **IFLD-S-SA3D-935-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722692
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-935-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	15824.5 lumens	Max Intensity:	11047.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	86.0 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:	10095.3 lumens	Field Lumens:	14919 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

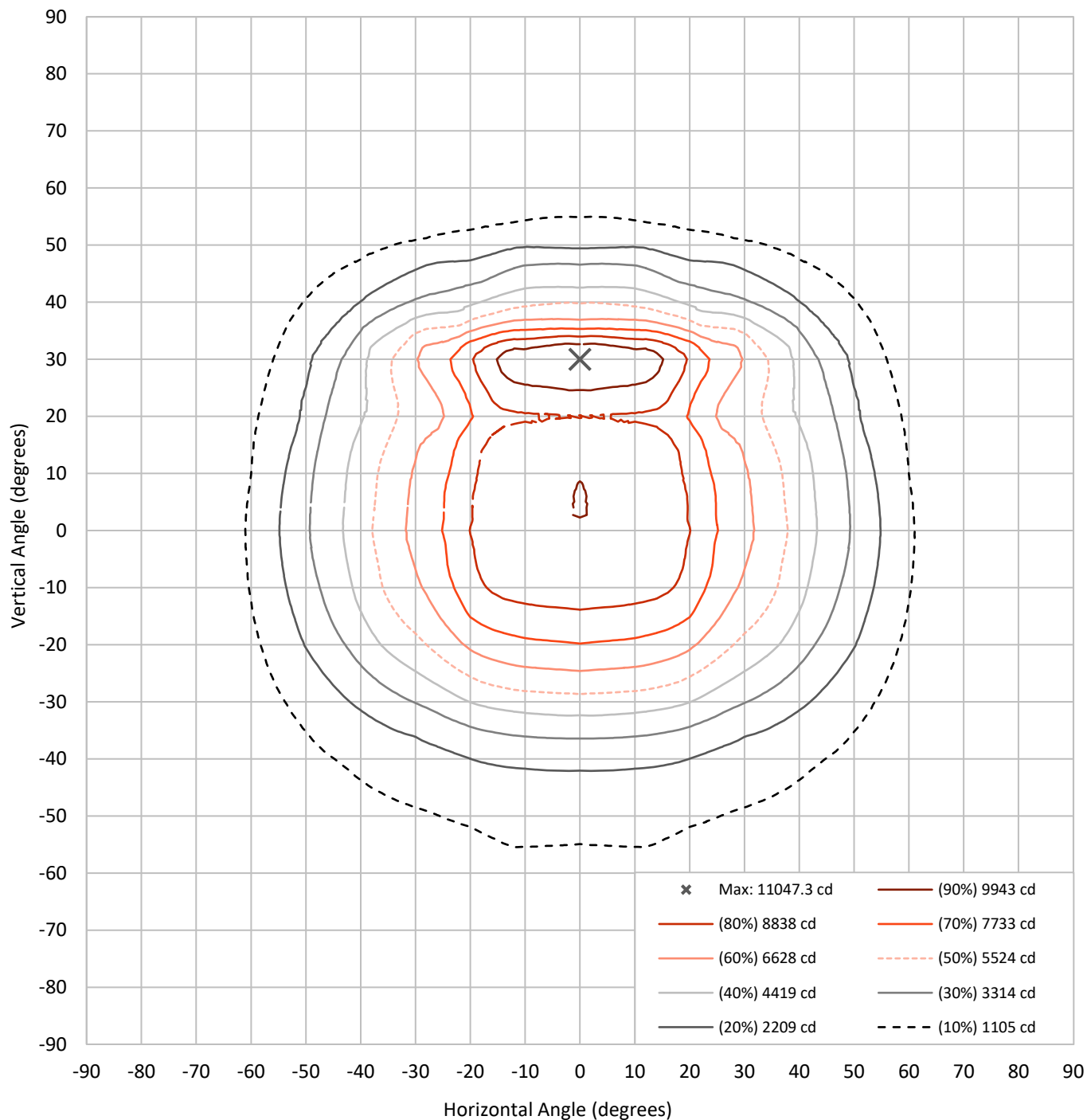
Input Watts (W): 184.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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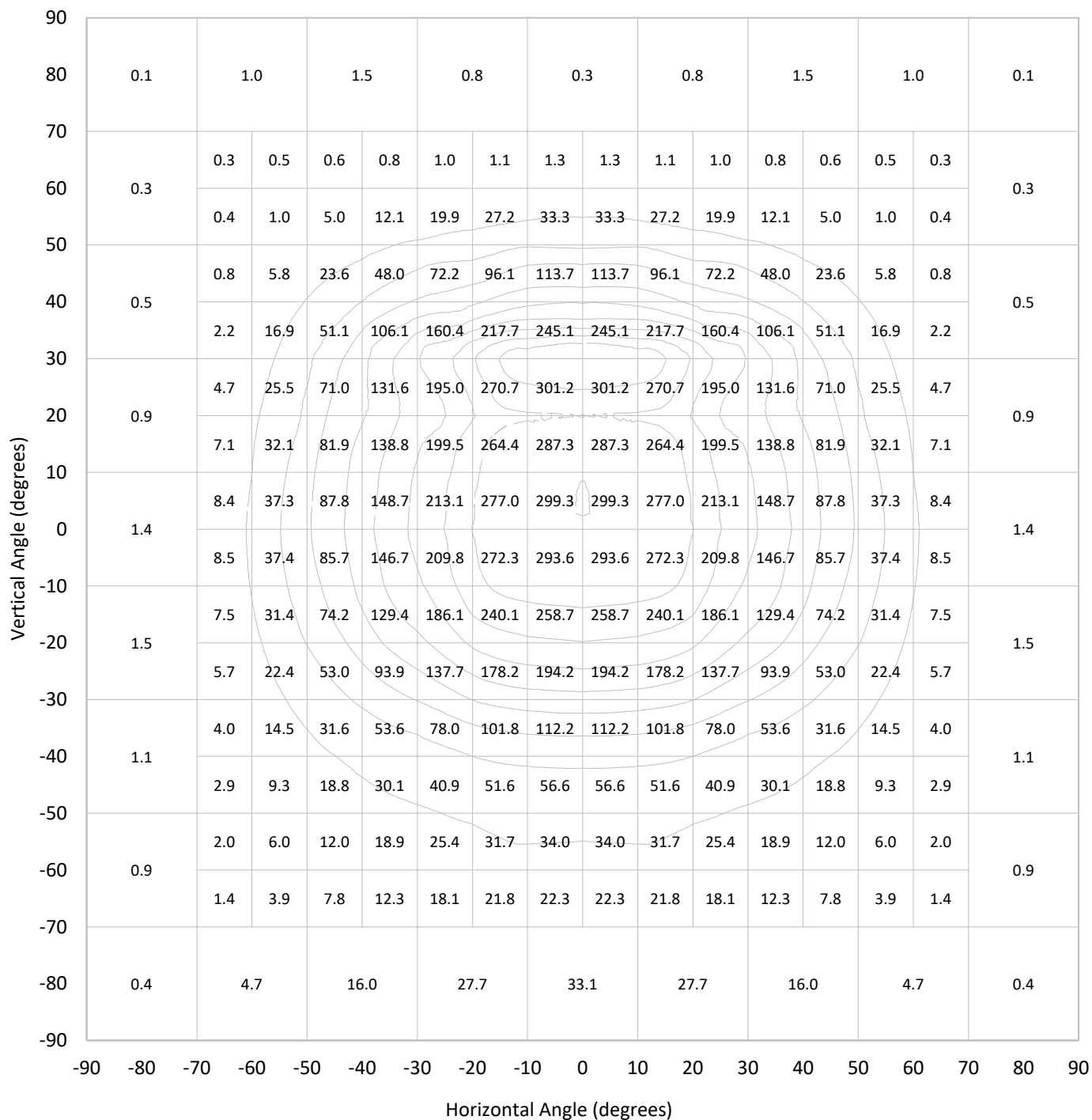
Iso-Candela Plot



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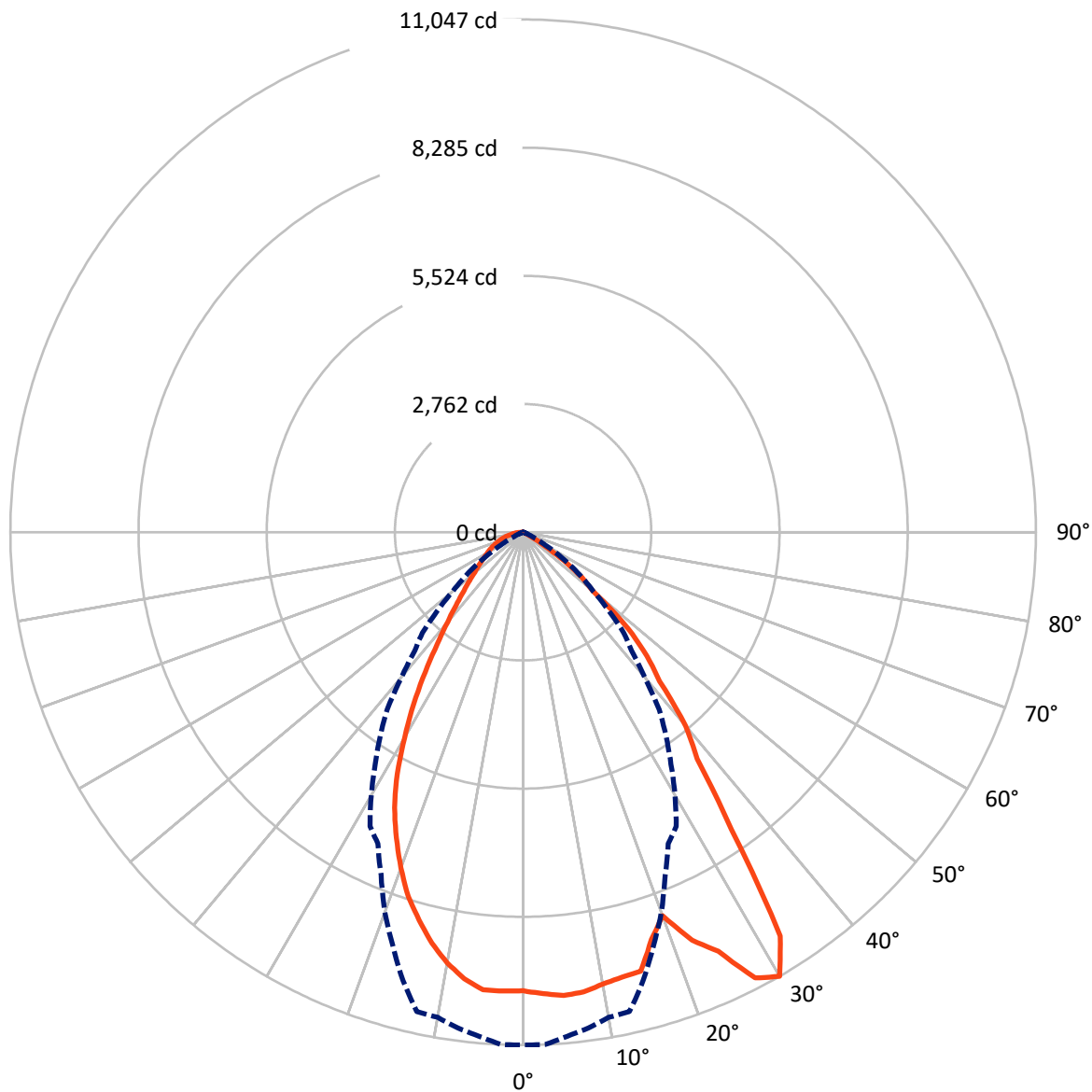
Lumen Table



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Luminous Intensity Polar Plot



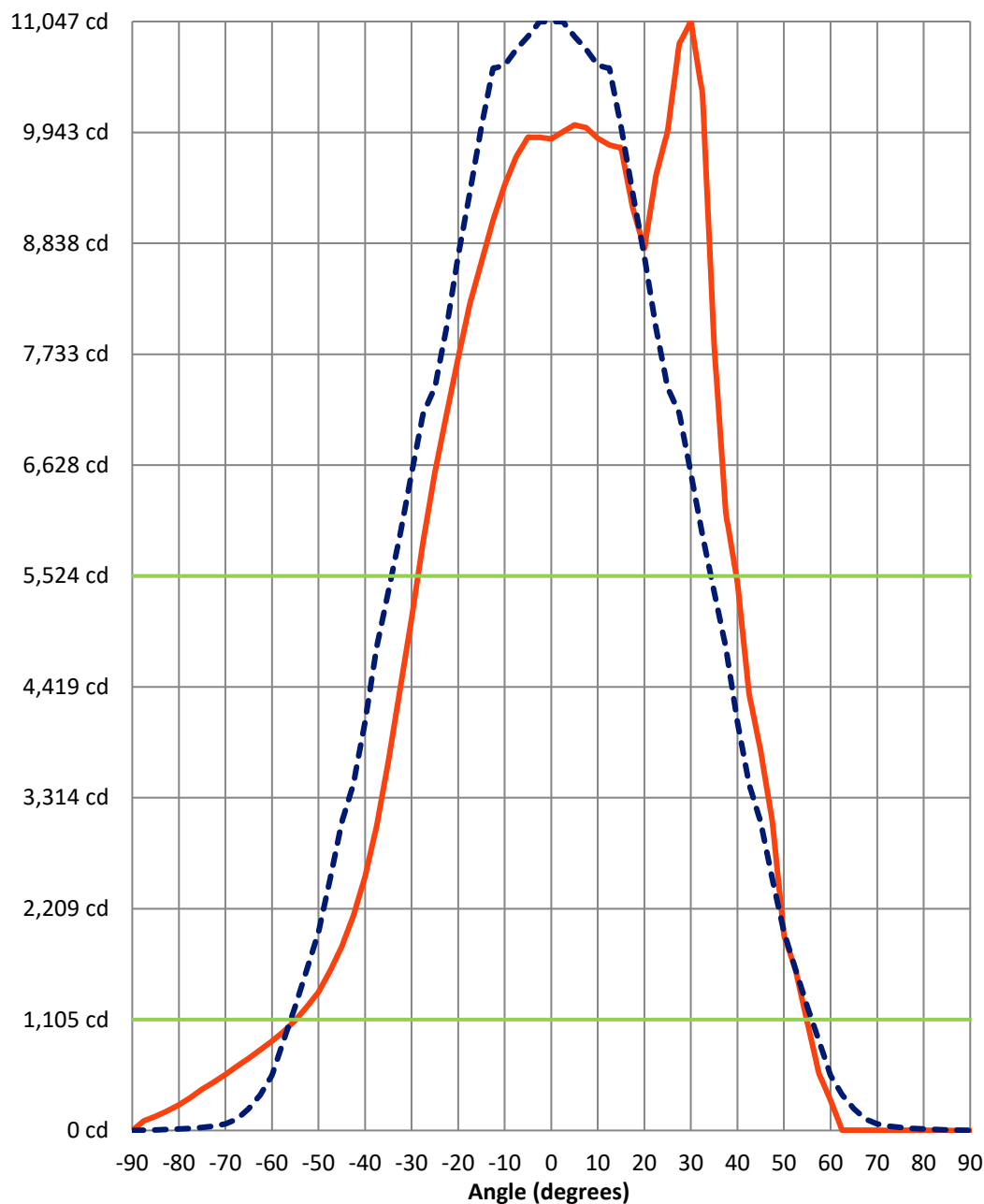
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 10095.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 14919

Efficiency: 94.3%

Spill:

Lumens: 905.5

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	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	0.0	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	5.0	7.6
82.5°	0.0	2.5	2.5	2.5	5.0	5.0	5.0	5.0	7.6	7.6	10.1
80°	2.5	2.5	2.5	2.5	5.0	5.0	5.0	7.6	7.6	10.1	10.1
77.5°	2.5	2.5	2.5	5.0	5.0	5.0	7.6	7.6	10.1	10.1	12.6
75°	2.5	2.5	2.5	5.0	5.0	7.6	7.6	7.6	10.1	10.1	12.6
72.5°	0.0	2.5	2.5	5.0	5.0	7.6	7.6	7.6	10.1	10.1	10.1
70°	2.5	2.5	2.5	5.0	5.0	7.6	7.6	7.6	10.1	10.1	10.1
67.5°	2.5	2.5	2.5	5.0	5.0	7.6	7.6	10.1	10.1	10.1	12.6
65°	2.5	2.5	2.5	5.0	7.6	7.6	10.1	12.6	12.6	15.1	17.6
62.5°	2.5	5.0	5.0	7.6	10.1	12.6	27.7	42.8	42.8	30.2	25.2
60°	299.8	325.0	322.5	292.2	254.5	214.1	206.6	199.0	183.9	161.2	168.8
57.5°	569.4	599.6	612.2	604.6	584.5	549.2	529.1	506.4	476.2	440.9	400.6
55°	1078.3	1090.9	1063.2	1010.3	952.3	894.4	874.2	844.0	798.6	753.3	692.8
52.5°	1594.7	1637.6	1625.0	1572.1	1494.0	1390.7	1277.3	1189.1	1136.2	1085.8	1025.4
50°	1947.4	1965.1	2000.3	2063.3	2086.0	2015.5	1831.6	1594.7	1425.9	1511.6	1446.1
47.5°	3073.6	3161.8	3144.1	3098.8	3023.2	2831.7	2574.8	2363.1	2186.8	2128.8	2138.9
45°	3776.5	3811.7	3799.2	3779.0	3743.7	3564.9	3280.2	2955.2	2791.4	2725.9	2657.9
42.5°	4353.4	4391.2	4398.8	4401.3	4363.5	4199.7	3942.8	3617.8	3454.0	3265.1	3116.4
40°	5454.4	5509.8	5446.8	5363.7	5237.7	5051.3	4799.3	4499.5	4209.8	3978.0	3801.7
37.5°	6157.2	6225.3	6250.5	6245.4	6217.7	6137.1	5827.2	5542.5	5099.1	4580.1	4673.4
35°	7825.0	7895.6	7875.4	7799.9	7759.5	7673.9	7371.6	7034.0	6477.2	5912.9	5761.7
32.5°	10311.6	10465.3	10178.1	9863.2	9669.2	9737.2	9429.9	8603.5	8346.5	7328.7	6857.6
30°	11047.3	11044.8	10898.6	10770.1	10611.4	10578.7	9999.2	9339.2	8709.3	7996.4	7401.8
27.5°	10823.0	10777.7	10654.3	10561.0	10412.4	10334.3	9767.4	9243.4	8515.3	7878.0	7303.5
25°	9958.9	9994.2	9868.2	9850.6	9792.6	9641.5	9359.3	8769.8	8119.8	7414.4	7001.2
22.5°	9513.0	9500.4	9349.2	9261.1	9331.6	9170.4	9057.0	8462.4	7784.7	7190.2	6693.9
20°	8787.4	8789.9	8752.2	8744.6	8701.8	8628.7	8538.0	8117.3	7638.6	7129.7	6532.6
17.5°	9193.0	9296.3	9341.7	8966.3	9072.1	8989.0	8893.2	8306.2	7946.0	7495.0	6716.5
15°	9787.6	9749.8	9704.5	9684.3	9626.4	9548.3	9374.4	8905.8	8286.1	7820.0	7212.8
12.5°	9817.8	9744.8	9727.1	9724.6	9664.2	9555.8	9387.0	8999.1	8449.8	7883.0	7389.2
10°	9883.3	9807.8	9797.7	9810.3	9717.1	9649.0	9480.2	9120.0	8500.2	7991.3	7525.2
7.5°	9989.2	9863.2	9921.1	9883.3	9840.5	9732.2	9550.8	9198.1	8684.1	8134.9	7646.2
5°	10016.9	9878.3	9941.3	9906.0	9843.0	9737.2	9540.7	9248.5	8797.5	8192.9	7694.0
2.5°	9948.8	9908.5	9880.8	9815.3	9787.6	9671.7	9485.3	9172.9	8744.6	8167.7	7684.0
0°	9878.3	9913.6	9850.6	9785.1	9772.5	9679.3	9520.6	9238.4	8868.0	8238.2	7769.6
-2.5°	9893.4	9865.7	9822.9	9754.9	9689.3	9555.8	9412.2	9147.7	8749.6	8084.5	7648.7
-5°	9893.4	9764.9	9770.0	9772.5	9707.0	9568.4	9394.6	9170.4	8679.1	8082.0	7613.4
-7.5°	9701.9	9591.1	9573.5	9558.3	9540.7	9412.2	9276.2	8996.5	8560.7	8016.5	7515.2
-10°	9419.8	9311.4	9321.5	9298.9	9243.4	9157.8	9054.5	8802.5	8444.8	7809.9	7316.1
-12.5°	9067.1	9019.2	8991.5	8953.7	8898.3	8822.7	8716.9	8480.1	8097.1	7555.5	7086.9
-15°	8648.9	8613.6	8588.4	8565.7	8485.1	8407.0	8268.4	8049.3	7809.9	7228.0	6749.3
-17.5°	8230.7	8142.5	8107.2	8077.0	8024.1	7898.1	7772.1	7608.4	7273.3	6812.3	6401.6
-20°	7694.0	7641.1	7598.3	7558.0	7482.4	7384.2	7280.9	7091.9	6802.2	6429.3	6003.6

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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°	7132.2	7102.0	7066.7	7016.3	6966.0	6872.7	6729.1	6547.7	6321.0	5917.9	5519.9
-25°	6552.8	6494.8	6452.0	6404.1	6363.8	6278.2	6139.6	5965.8	5681.1	5333.4	5000.9
-27.5°	5870.0	5814.6	5791.9	5736.5	5701.2	5623.1	5484.6	5323.3	5066.4	4774.1	4436.5
-30°	5099.1	5109.2	5084.0	5031.1	4988.3	4887.5	4781.7	4645.6	4444.1	4164.5	3862.1
-32.5°	4386.2	4398.8	4368.5	4313.1	4257.7	4184.6	4086.4	3962.9	3811.7	3544.7	3282.7
-35°	3673.2	3668.1	3643.0	3610.2	3572.4	3511.9	3401.1	3307.9	3134.0	2947.6	2766.2
-37.5°	3033.3	3045.9	3038.3	3020.7	2977.9	2927.5	2836.8	2751.1	2622.6	2458.9	2317.8
-40°	2526.9	2542.0	2531.9	2514.3	2476.5	2446.3	2385.8	2310.2	2206.9	2065.9	1947.4
-42.5°	2138.9	2149.0	2136.4	2121.3	2088.5	2065.9	2018.0	1955.0	1869.3	1761.0	1655.2
-45°	1831.6	1834.1	1821.5	1811.4	1786.2	1758.5	1718.2	1667.8	1599.8	1524.2	1438.5
-47.5°	1589.7	1587.2	1574.6	1564.5	1544.4	1519.2	1486.4	1441.1	1388.2	1330.2	1262.2
-50°	1378.1	1390.7	1385.6	1375.6	1360.4	1342.8	1310.1	1262.2	1209.3	1166.5	1118.6
-52.5°	1232.0	1234.5	1232.0	1232.0	1229.4	1216.8	1179.0	1131.2	1073.2	1035.4	995.1
-55°	1095.9	1108.5	1113.5	1118.6	1121.1	1121.1	1075.8	1025.4	969.9	932.2	901.9
-57.5°	985.1	992.6	997.7	1010.3	1020.3	1027.9	987.6	942.2	899.4	864.1	836.4
-60°	889.3	899.4	907.0	919.6	927.1	932.2	907.0	876.7	851.5	828.9	788.6
-62.5°	803.7	811.2	818.8	826.3	833.9	838.9	828.9	813.7	801.1	791.1	740.7
-65°	718.0	725.6	733.1	743.2	750.8	755.8	753.3	743.2	733.1	723.0	677.7
-67.5°	639.9	647.5	657.5	660.1	665.1	667.6	662.6	655.0	642.4	629.8	594.6
-70°	556.8	561.8	566.8	566.8	566.8	564.3	559.3	549.2	536.6	519.0	491.3
-72.5°	481.2	486.2	491.3	483.7	478.7	471.1	463.6	451.0	438.4	425.8	410.7
-75°	410.7	413.2	413.2	403.1	395.5	388.0	377.9	370.3	357.7	347.7	335.1
-77.5°	327.5	327.5	327.5	320.0	314.9	309.9	302.3	294.8	284.7	277.1	267.0
-80°	254.5	254.5	254.5	251.9	244.4	239.3	234.3	229.3	221.7	216.7	211.6
-82.5°	194.0	194.0	194.0	191.5	186.4	183.9	178.9	173.8	171.3	166.3	163.8
-85°	141.1	143.6	143.6	141.1	138.6	133.5	131.0	128.5	126.0	123.4	118.4
-87.5°	95.7	95.7	95.7	93.2	90.7	90.7	88.2	83.1	78.1	75.6	73.1
-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	7.6	7.6	7.6	10.1	10.1	10.1	10.1	10.1	10.1	10.1	7.6
82.5°	12.6	12.6	15.1	15.1	17.6	17.6	17.6	17.6	17.6	17.6	17.6
80°	12.6	15.1	17.6	20.2	22.7	25.2	25.2	25.2	25.2	22.7	22.7
77.5°	15.1	15.1	17.6	20.2	22.7	25.2	27.7	30.2	27.7	27.7	27.7
75°	15.1	17.6	17.6	20.2	22.7	25.2	27.7	30.2	30.2	30.2	30.2
72.5°	12.6	15.1	17.6	20.2	20.2	22.7	25.2	25.2	27.7	27.7	30.2
70°	12.6	15.1	17.6	17.6	20.2	20.2	22.7	25.2	25.2	27.7	27.7
67.5°	15.1	17.6	17.6	20.2	22.7	22.7	22.7	25.2	25.2	27.7	27.7
65°	17.6	20.2	20.2	22.7	25.2	25.2	27.7	27.7	27.7	30.2	30.2
62.5°	30.2	30.2	30.2	27.7	30.2	30.2	30.2	32.8	32.8	30.2	32.8
60°	156.2	113.4	78.1	98.3	88.2	40.3	40.3	40.3	37.8	37.8	35.3
57.5°	367.8	342.6	294.8	249.4	224.2	199.0	123.4	50.4	50.4	45.3	40.3
55°	614.7	531.6	496.3	435.8	370.3	340.1	282.2	191.5	90.7	60.5	52.9
52.5°	952.3	874.2	783.5	660.1	571.9	501.3	453.5	360.3	241.9	128.5	80.6
50°	1274.8	1239.5	1184.1	1063.2	879.2	760.8	682.7	576.9	433.3	264.5	151.2
47.5°	2053.3	1758.5	1579.6	1486.4	1332.7	1108.5	957.3	838.9	665.1	445.9	267.0
45°	2584.8	2398.4	2113.7	1917.2	1690.5	1453.7	1257.1	1121.1	914.5	667.6	418.2
42.5°	3040.8	2879.6	2622.6	2335.4	2096.1	1786.2	1534.3	1355.4	1181.6	912.0	624.8
40°	3627.8	3436.4	3189.5	2909.8	2630.2	2234.6	1826.5	1609.9	1418.4	1179.0	844.0
37.5°	4595.3	4257.7	3854.6	3544.7	3179.4	2844.3	2285.0	1902.1	1675.4	1425.9	1100.9
35°	5759.2	5388.9	4716.2	4305.5	3816.8	3318.0	2814.1	2247.2	1924.8	1660.2	1337.8
32.5°	6842.5	6300.8	5439.2	4958.0	4633.1	3713.5	3192.0	2700.7	2181.7	1856.7	1473.8
30°	7142.3	6545.2	5928.0	5366.2	4811.9	4068.7	3451.5	3068.5	2504.2	1975.2	1602.3
27.5°	6840.0	6429.3	5950.7	5429.2	4829.6	4192.2	3610.2	3244.9	2741.0	2055.8	1703.1
25°	6532.6	6104.3	5769.3	5333.4	4779.2	4184.6	3615.2	3355.7	2924.9	2212.0	1758.5
22.5°	6207.6	5940.6	5663.5	5177.2	4653.2	4207.3	3779.0	3451.5	3020.7	2388.3	1781.2
20°	6225.3	6051.4	5746.6	5096.6	4630.5	4340.8	3975.5	3572.4	3124.0	2542.0	1798.8
17.5°	6507.4	6280.7	5897.8	5333.4	4834.6	4476.9	4139.3	3738.7	3229.8	2678.0	2012.9
15°	6855.1	6510.0	6109.4	5613.1	5048.7	4625.5	4265.2	3854.6	3350.7	2804.0	2204.4
12.5°	7107.0	6615.8	6240.4	5791.9	5280.5	4786.7	4348.4	3942.8	3464.1	2907.3	2348.0
10°	7192.7	6746.8	6303.4	5902.8	5398.9	4872.4	4411.3	3998.2	3562.3	2987.9	2453.8
7.5°	7238.0	6860.1	6346.2	5953.2	5469.5	4925.3	4461.7	4028.4	3640.4	3043.4	2521.9
5°	7233.0	6920.6	6378.9	5968.3	5507.3	4948.0	4497.0	4036.0	3695.9	3091.2	2562.2
2.5°	7210.3	6960.9	6431.9	5993.5	5582.8	4990.8	4565.0	4051.1	3716.0	3144.1	2589.9
0°	7293.5	6963.4	6487.3	6001.0	5633.2	5005.9	4595.3	4038.5	3688.3	3159.2	2587.4
-2.5°	7114.6	6814.8	6474.7	5935.5	5565.2	4970.6	4539.8	3998.2	3627.8	3141.6	2577.3
-5°	7084.4	6706.5	6368.9	5875.1	5451.8	4897.6	4436.5	3922.6	3532.1	3083.7	2537.0
-7.5°	7003.7	6603.2	6265.6	5827.2	5346.0	4822.0	4338.3	3844.5	3428.8	2993.0	2479.0
-10°	6827.4	6444.5	6154.7	5723.9	5217.5	4713.7	4219.9	3741.2	3307.9	2869.5	2388.3
-12.5°	6575.5	6192.5	5905.3	5504.7	5056.3	4567.5	4078.8	3607.7	3169.3	2738.5	2280.0
-15°	6290.8	5902.8	5615.6	5250.3	4817.0	4340.8	3899.9	3438.9	3010.6	2600.0	2151.5
-17.5°	5968.3	5600.5	5323.3	4968.1	4537.3	4083.8	3645.5	3227.3	2826.7	2456.3	2002.9
-20°	5595.4	5237.7	4983.2	4628.0	4232.5	3791.6	3365.8	2970.3	2610.0	2262.4	1839.1

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5134.4	4819.5	4529.8	4212.3	3867.2	3464.1	3068.5	2718.4	2373.2	2033.1	1670.3
-25°	4663.3	4358.4	4076.3	3786.6	3456.5	3108.9	2771.3	2453.8	2116.2	1808.9	1506.6
-27.5°	4139.3	3867.2	3615.2	3348.2	3045.9	2746.1	2468.9	2159.1	1866.8	1604.8	1345.3
-30°	3580.0	3358.3	3139.1	2902.3	2657.9	2406.0	2159.1	1866.8	1637.6	1428.5	1209.3
-32.5°	3043.4	2844.3	2668.0	2491.6	2280.0	2073.4	1854.2	1637.6	1446.1	1262.2	1078.3
-35°	2572.2	2360.6	2262.4	2121.3	1952.5	1766.1	1587.2	1436.0	1282.3	1116.1	952.3
-37.5°	2164.1	2028.1	1912.2	1806.4	1672.8	1511.6	1383.1	1259.7	1131.2	980.0	838.9
-40°	1844.2	1745.9	1630.0	1551.9	1443.6	1327.7	1199.2	1095.9	987.6	864.1	748.2
-42.5°	1587.2	1506.6	1431.0	1347.8	1267.2	1169.0	1058.1	959.9	861.6	770.9	675.2
-45°	1375.6	1317.6	1257.1	1189.1	1118.6	1032.9	942.2	841.5	770.9	690.3	609.7
-47.5°	1201.7	1158.9	1108.5	1055.6	995.1	919.6	836.4	763.4	690.3	622.3	544.2
-50°	1063.2	1022.8	982.5	937.2	884.3	818.8	755.8	687.8	619.8	554.3	481.2
-52.5°	947.3	912.0	879.2	841.5	791.1	735.6	677.7	617.2	554.3	488.8	430.8
-55°	866.7	826.3	793.6	755.8	710.5	657.5	604.6	549.2	488.8	438.4	390.5
-57.5°	801.1	755.8	718.0	677.7	632.4	587.0	539.1	488.8	443.4	395.5	350.2
-60°	745.7	692.8	650.0	609.7	566.8	524.0	483.7	440.9	398.1	355.2	309.9
-62.5°	687.8	632.4	579.4	541.7	508.9	471.1	435.8	395.5	357.7	314.9	282.2
-65°	622.3	569.4	519.0	486.2	456.0	423.2	390.5	355.2	322.5	289.7	259.5
-67.5°	549.2	503.9	468.6	438.4	408.1	380.4	350.2	320.0	292.2	259.5	229.3
-70°	461.0	435.8	415.7	393.0	365.3	340.1	312.4	284.7	254.5	226.7	199.0
-72.5°	393.0	377.9	362.8	340.1	314.9	292.2	269.6	244.4	219.2	194.0	171.3
-75°	322.5	309.9	297.3	282.2	262.0	244.4	224.2	201.5	181.4	163.8	146.1
-77.5°	259.5	249.4	241.9	229.3	214.1	199.0	186.4	171.3	156.2	138.6	120.9
-80°	206.6	201.5	199.0	194.0	181.4	168.8	158.7	146.1	131.0	118.4	105.8
-82.5°	161.2	161.2	158.7	156.2	146.1	136.0	128.5	118.4	108.3	98.3	85.7
-85°	118.4	115.9	115.9	113.4	105.8	100.8	93.2	88.2	80.6	70.5	65.5
-87.5°	70.5	68.0	65.5	63.0	57.9	55.4	50.4	47.9	42.8	37.8	35.3
-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: P722692

CATALOG NUMBER: IFLD-S-SA3D-935-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0	0.0
85°	7.6	5.0	5.0	5.0	5.0	5.0	2.5	2.5	2.5	2.5	2.5
82.5°	15.1	15.1	12.6	12.6	10.1	7.6	5.0	5.0	5.0	2.5	2.5
80°	22.7	22.7	22.7	20.2	17.6	12.6	10.1	7.6	5.0	2.5	2.5
77.5°	27.7	25.2	25.2	22.7	22.7	20.2	15.1	12.6	7.6	5.0	2.5
75°	27.7	27.7	27.7	25.2	25.2	22.7	20.2	15.1	12.6	7.6	5.0
72.5°	30.2	27.7	27.7	27.7	25.2	22.7	20.2	17.6	15.1	10.1	5.0
70°	27.7	27.7	27.7	27.7	25.2	25.2	20.2	17.6	17.6	10.1	7.6
67.5°	27.7	27.7	27.7	25.2	25.2	22.7	20.2	17.6	17.6	12.6	7.6
65°	30.2	27.7	27.7	27.7	25.2	22.7	20.2	17.6	17.6	15.1	10.1
62.5°	32.8	30.2	30.2	27.7	25.2	22.7	20.2	17.6	17.6	15.1	10.1
60°	35.3	32.8	30.2	30.2	27.7	25.2	20.2	20.2	17.6	15.1	10.1
57.5°	37.8	35.3	35.3	32.8	30.2	27.7	22.7	20.2	17.6	15.1	12.6
55°	45.3	40.3	37.8	37.8	35.3	30.2	25.2	20.2	17.6	15.1	12.6
52.5°	60.5	47.9	42.8	42.8	40.3	35.3	27.7	22.7	17.6	15.1	12.6
50°	95.7	60.5	50.4	45.3	45.3	40.3	32.8	25.2	17.6	15.1	12.6
47.5°	151.2	100.8	60.5	52.9	50.4	47.9	37.8	25.2	20.2	15.1	12.6
45°	249.4	148.6	98.3	63.0	52.9	50.4	42.8	27.7	20.2	17.6	12.6
42.5°	342.6	231.8	151.2	75.6	63.0	55.4	45.3	30.2	22.7	17.6	12.6
40°	539.1	317.4	211.6	123.4	73.1	57.9	50.4	35.3	22.7	17.6	12.6
37.5°	730.6	420.7	284.7	181.4	83.1	65.5	52.9	37.8	25.2	17.6	15.1
35°	922.1	589.5	352.7	241.9	110.9	78.1	55.4	40.3	25.2	17.6	15.1
32.5°	1093.4	748.2	423.2	302.3	166.3	93.2	60.5	42.8	27.7	20.2	15.1
30°	1234.5	894.4	549.2	355.2	216.7	113.4	65.5	42.8	30.2	20.2	15.1
27.5°	1340.3	1007.7	677.7	410.7	259.5	133.5	75.6	47.9	30.2	20.2	15.1
25°	1425.9	1095.9	791.1	468.6	297.3	166.3	90.7	50.4	32.8	22.7	15.1
22.5°	1494.0	1169.0	884.3	546.7	342.6	199.0	110.9	55.4	32.8	22.7	15.1
20°	1587.2	1242.0	947.3	629.8	390.5	229.3	128.5	60.5	32.8	22.7	17.6
17.5°	1667.8	1315.1	997.7	700.4	438.4	251.9	148.6	65.5	35.3	22.7	17.6
15°	1761.0	1385.6	1043.0	755.8	483.7	272.1	166.3	70.5	35.3	25.2	17.6
12.5°	1861.8	1451.1	1075.8	801.1	531.6	289.7	181.4	80.6	37.8	25.2	17.6
10°	1965.1	1506.6	1103.5	833.9	566.8	307.4	191.5	90.7	40.3	25.2	17.6
7.5°	2068.4	1556.9	1138.7	849.0	582.0	327.5	196.5	100.8	40.3	27.7	17.6
5°	2138.9	1589.7	1189.1	859.1	589.5	350.2	204.1	113.4	42.8	27.7	17.6
2.5°	2199.4	1609.9	1242.0	866.7	592.0	362.8	201.5	120.9	45.3	27.7	17.6
0°	2227.1	1609.9	1277.3	861.6	584.5	375.4	201.5	128.5	45.3	27.7	17.6
-2.5°	2184.3	1655.2	1267.2	864.1	587.0	375.4	211.6	131.0	50.4	30.2	17.6
-5°	2116.2	1672.8	1237.0	851.5	582.0	375.4	224.2	133.5	52.9	30.2	20.2
-7.5°	2050.7	1680.4	1201.7	838.9	574.4	365.3	226.7	131.0	57.9	32.8	20.2
-10°	1965.1	1597.3	1156.4	816.3	559.3	357.7	231.8	131.0	60.5	32.8	20.2
-12.5°	1866.8	1496.5	1100.9	783.5	541.7	350.2	234.3	131.0	63.0	35.3	20.2
-15°	1753.5	1393.2	1038.0	748.2	516.5	340.1	229.3	128.5	65.5	35.3	22.7
-17.5°	1625.0	1292.4	972.5	705.4	488.8	327.5	219.2	126.0	65.5	35.3	22.7
-20°	1478.8	1191.6	899.4	662.6	456.0	312.4	209.1	120.9	65.5	35.3	22.7



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CATALOG NUMBER: IFLD-S-SA3D-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1347.8	1098.4	823.8	614.7	420.7	294.8	196.5	115.9	65.5	37.8	22.7
-25°	1239.5	1007.7	765.9	566.8	382.9	274.6	183.9	110.9	65.5	37.8	22.7
-27.5°	1126.1	909.5	705.4	521.5	357.7	257.0	171.3	105.8	63.0	37.8	22.7
-30°	1010.3	813.7	642.4	471.1	332.6	239.3	161.2	98.3	63.0	37.8	22.7
-32.5°	904.4	735.6	584.5	420.7	304.8	221.7	151.2	95.7	60.5	37.8	22.7
-35°	801.1	665.1	524.0	380.4	274.6	204.1	141.1	93.2	60.5	37.8	22.7
-37.5°	715.5	599.6	468.6	352.7	257.0	188.9	131.0	88.2	57.9	37.8	22.7
-40°	644.9	539.1	415.7	322.5	241.9	173.8	120.9	85.7	57.9	37.8	22.7
-42.5°	579.4	481.2	382.9	297.3	226.7	163.8	113.4	83.1	55.4	37.8	22.7
-45°	521.5	430.8	350.2	274.6	209.1	151.2	108.3	78.1	52.9	37.8	25.2
-47.5°	463.6	395.5	320.0	254.5	191.5	136.0	103.3	75.6	50.4	35.3	25.2
-50°	418.2	357.7	294.8	231.8	173.8	131.0	98.3	70.5	50.4	35.3	25.2
-52.5°	377.9	322.5	267.0	209.1	158.7	123.4	93.2	65.5	47.9	35.3	25.2
-55°	340.1	289.7	239.3	186.4	148.6	115.9	85.7	60.5	47.9	35.3	25.2
-57.5°	302.3	259.5	211.6	168.8	136.0	108.3	80.6	60.5	47.9	35.3	25.2
-60°	272.1	231.8	191.5	156.2	126.0	98.3	73.1	57.9	45.3	35.3	25.2
-62.5°	246.9	209.1	173.8	141.1	115.9	88.2	70.5	57.9	45.3	35.3	22.7
-65°	221.7	188.9	156.2	128.5	103.3	83.1	68.0	55.4	45.3	35.3	22.7
-67.5°	196.5	166.3	141.1	113.4	95.7	80.6	65.5	55.4	42.8	32.8	22.7
-70°	171.3	146.1	123.4	105.8	90.7	75.6	63.0	52.9	42.8	30.2	20.2
-72.5°	151.2	128.5	110.9	98.3	85.7	73.1	60.5	50.4	40.3	27.7	17.6
-75°	128.5	113.4	100.8	88.2	78.1	68.0	57.9	45.3	35.3	25.2	17.6
-77.5°	108.3	98.3	88.2	80.6	70.5	60.5	50.4	40.3	32.8	22.7	15.1
-80°	93.2	85.7	78.1	70.5	63.0	52.9	45.3	35.3	27.7	20.2	12.6
-82.5°	75.6	70.5	63.0	57.9	52.9	45.3	37.8	30.2	20.2	15.1	10.1
-85°	57.9	52.9	50.4	45.3	40.3	32.8	25.2	20.2	15.1	10.1	5.0
-87.5°	30.2	27.7	25.2	22.7	20.2	15.1	12.6	10.1	7.6	5.0	2.5
-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: P722692

CATALOG NUMBER: IFLD-S-SA3D-935-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°	2.5	0.0	0.0	0.0
77.5°	2.5	0.0	0.0	0.0
75°	2.5	2.5	0.0	0.0
72.5°	2.5	2.5	0.0	0.0
70°	2.5	2.5	0.0	0.0
67.5°	5.0	2.5	0.0	0.0
65°	5.0	2.5	0.0	0.0
62.5°	5.0	2.5	0.0	0.0
60°	5.0	2.5	0.0	0.0
57.5°	7.6	2.5	2.5	0.0
55°	7.6	2.5	2.5	0.0
52.5°	7.6	2.5	2.5	0.0
50°	7.6	5.0	2.5	0.0
47.5°	7.6	5.0	2.5	0.0
45°	7.6	5.0	2.5	0.0
42.5°	7.6	5.0	2.5	0.0
40°	10.1	5.0	2.5	0.0
37.5°	10.1	5.0	2.5	0.0
35°	10.1	5.0	2.5	0.0
32.5°	10.1	5.0	2.5	0.0
30°	10.1	5.0	2.5	0.0
27.5°	10.1	7.6	2.5	0.0
25°	10.1	7.6	2.5	0.0
22.5°	12.6	7.6	2.5	0.0
20°	12.6	7.6	2.5	0.0
17.5°	12.6	7.6	2.5	0.0
15°	12.6	7.6	2.5	0.0
12.5°	12.6	7.6	2.5	0.0
10°	12.6	7.6	2.5	0.0
7.5°	12.6	7.6	2.5	0.0
5°	12.6	7.6	2.5	0.0
2.5°	12.6	7.6	2.5	0.0
0°	12.6	7.6	2.5	0.0
-2.5°	12.6	7.6	2.5	0.0
-5°	12.6	7.6	2.5	0.0
-7.5°	12.6	7.6	2.5	0.0
-10°	12.6	7.6	2.5	0.0
-12.5°	15.1	7.6	2.5	0.0
-15°	15.1	7.6	2.5	0.0
-17.5°	15.1	7.6	2.5	0.0
-20°	15.1	7.6	2.5	0.0

REPORT NUMBER: P722692

CATALOG NUMBER: IFLD-S-SA3D-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	15.1	7.6	2.5	0.0
-25°	15.1	7.6	2.5	0.0
-27.5°	15.1	7.6	2.5	0.0
-30°	15.1	7.6	2.5	0.0
-32.5°	15.1	7.6	2.5	0.0
-35°	15.1	7.6	2.5	0.0
-37.5°	15.1	7.6	2.5	0.0
-40°	15.1	7.6	2.5	0.0
-42.5°	12.6	7.6	2.5	0.0
-45°	15.1	7.6	2.5	0.0
-47.5°	15.1	7.6	2.5	0.0
-50°	15.1	7.6	2.5	0.0
-52.5°	15.1	7.6	2.5	0.0
-55°	15.1	7.6	2.5	0.0
-57.5°	15.1	7.6	2.5	0.0
-60°	15.1	7.6	2.5	0.0
-62.5°	12.6	7.6	2.5	0.0
-65°	12.6	5.0	2.5	0.0
-67.5°	12.6	5.0	2.5	0.0
-70°	12.6	5.0	2.5	0.0
-72.5°	10.1	5.0	2.5	0.0
-75°	10.1	5.0	2.5	0.0
-77.5°	7.6	2.5	0.0	0.0
-80°	7.6	2.5	0.0	0.0
-82.5°	5.0	2.5	0.0	0.0
-85°	2.5	2.5	0.0	0.0
-87.5°	2.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)