

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: P722332

Luminaire Tested: **IFLD-L-SA8A-940-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722332
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-940-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

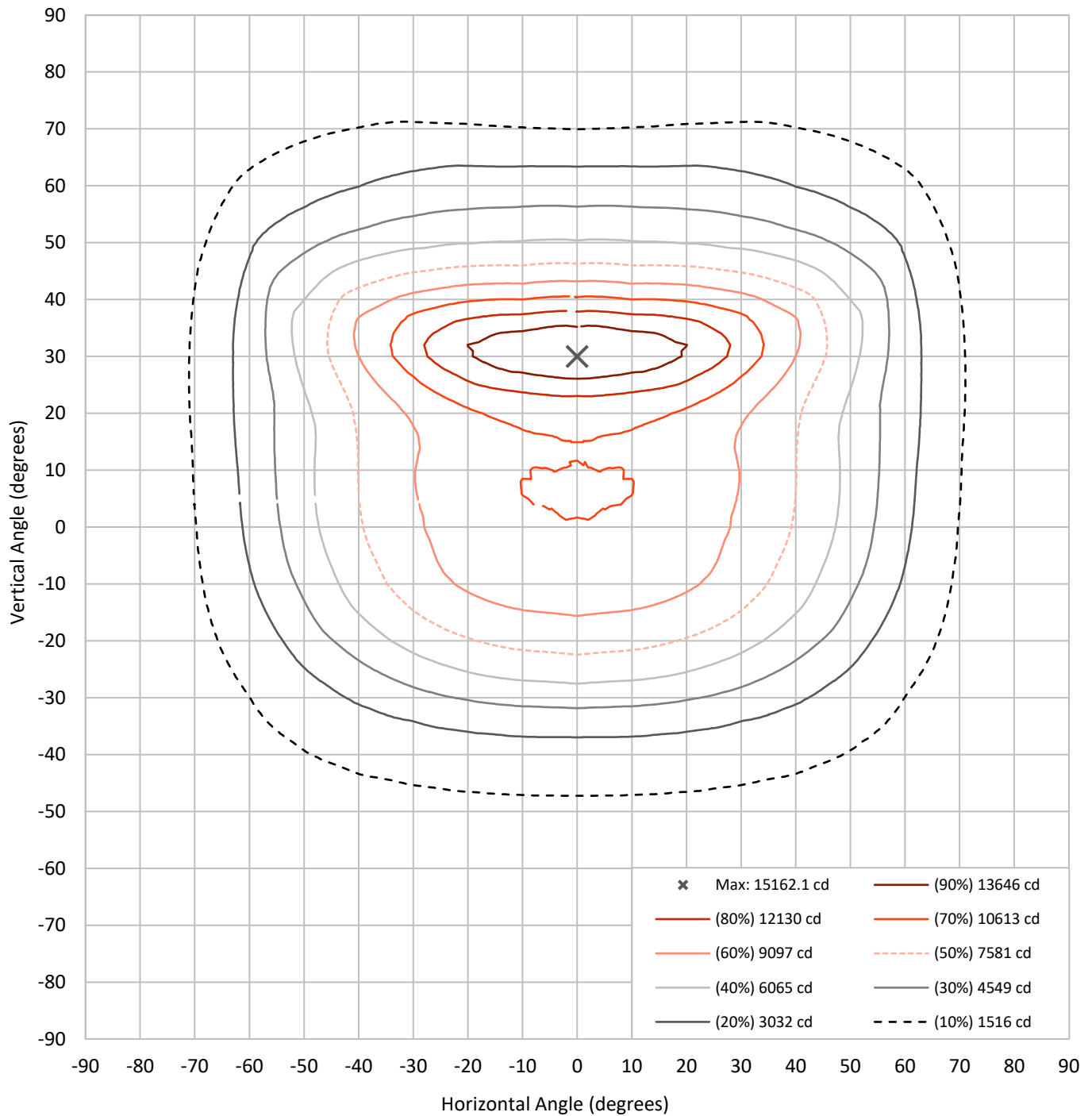
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	25309.3 lumens	Max Intensity:	15162.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	102.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	14717.6 lumens	Field Lumens:	23718.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 247.8
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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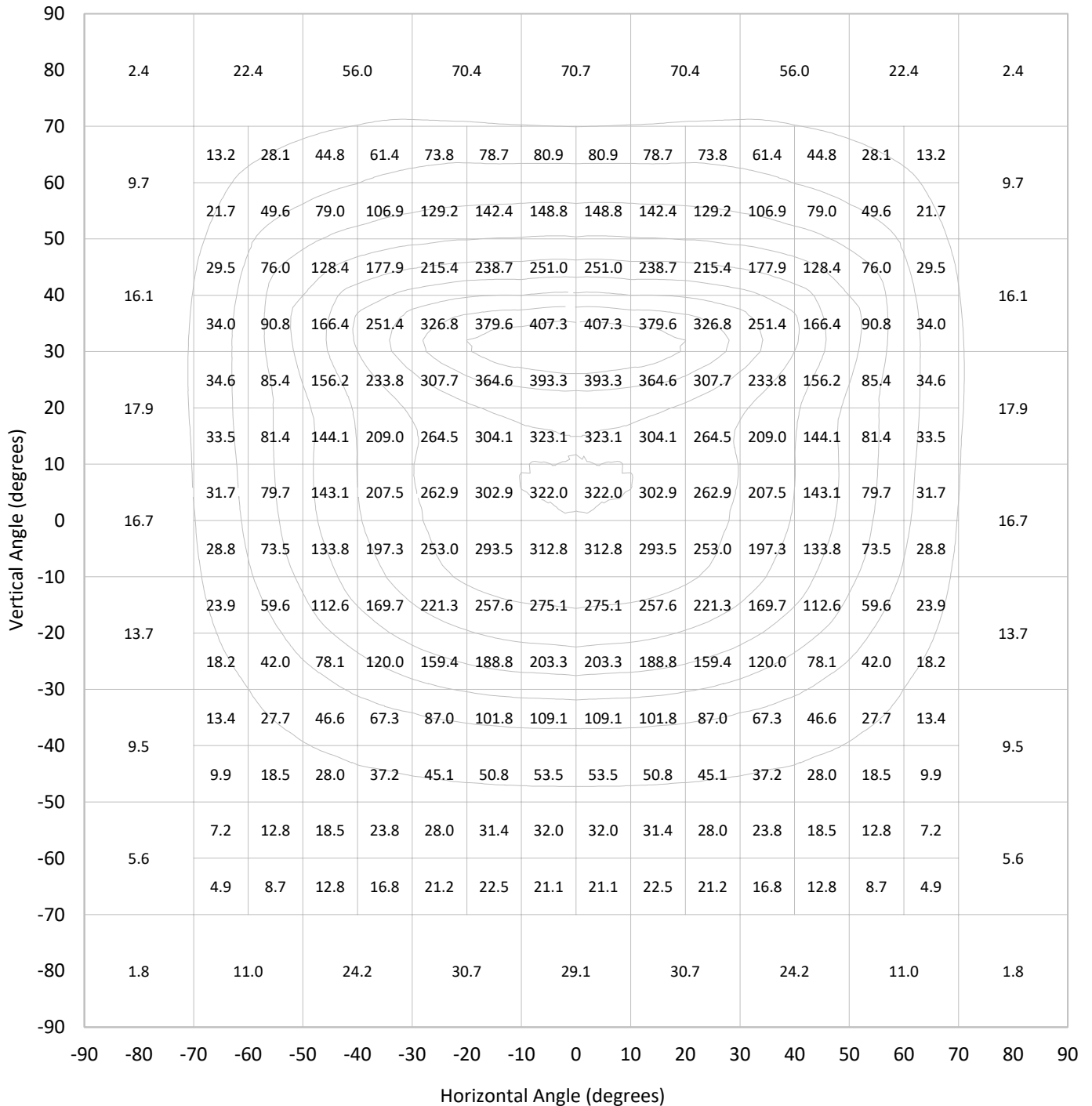
Iso-Candela Plot



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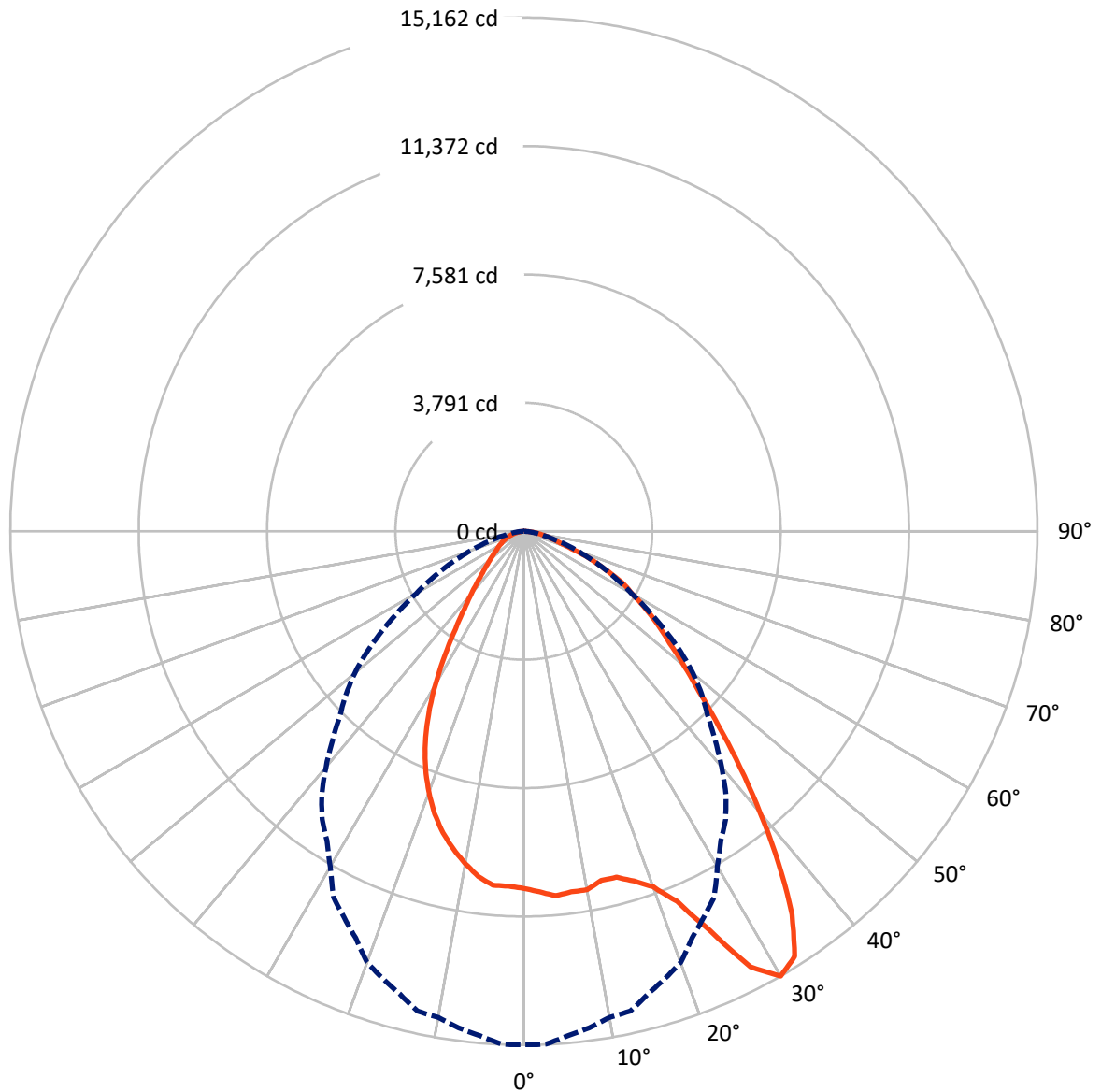
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Lumen Table



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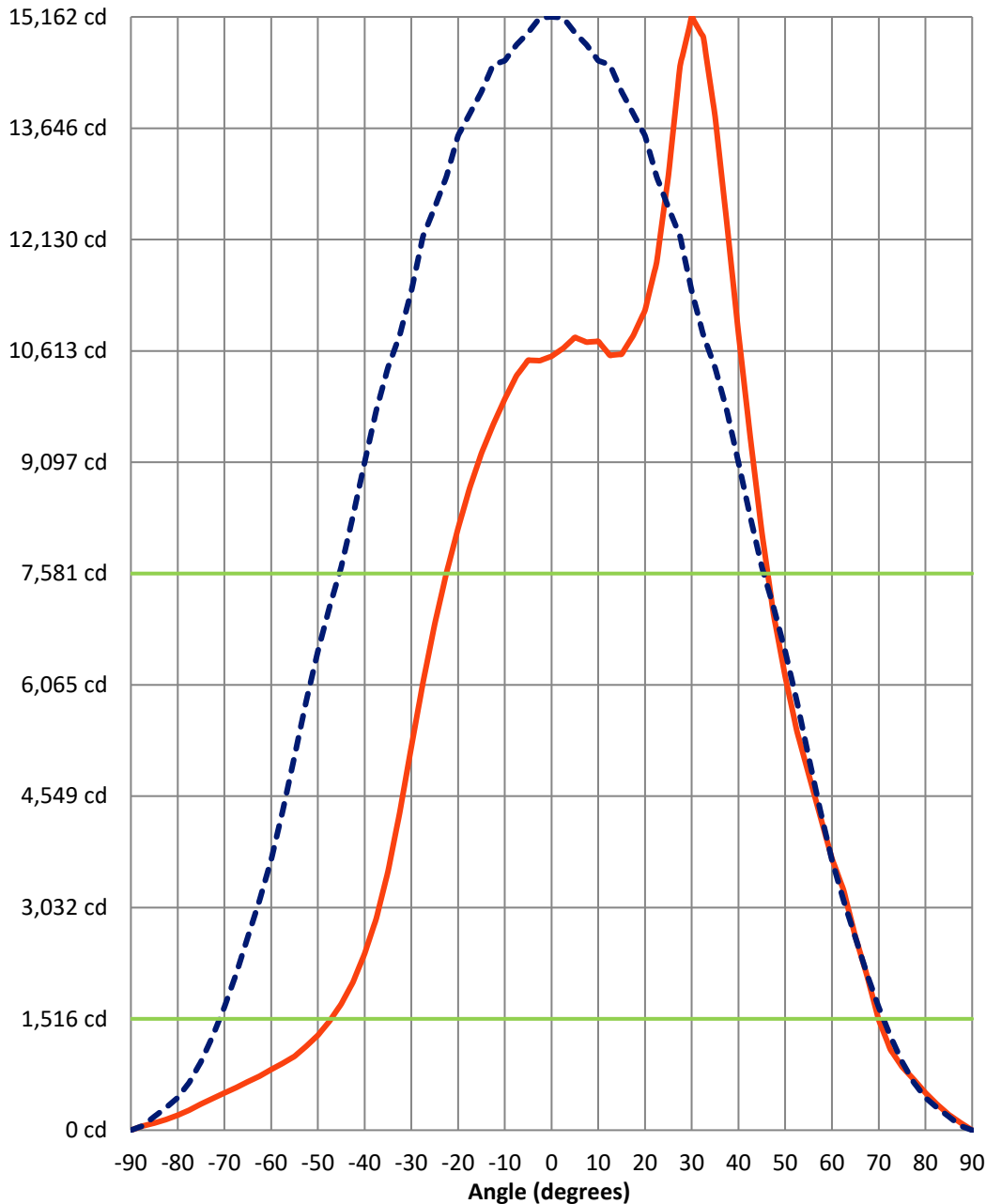
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 14717.6
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 23718.1
 Efficiency: 93.7%

Spill:
 Lumens: 1591.2
 Efficiency: 6.3%

— 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°	101.9	104.6	107.2	107.2	104.6	104.6	104.6	101.9	104.6	104.6	104.6
85°	211.8	217.2	222.5	219.9	217.2	211.8	206.5	209.1	211.8	214.5	214.5
82.5°	351.2	359.3	364.6	362.0	356.6	351.2	345.9	348.6	353.9	356.6	356.6
80°	509.4	512.1	514.8	520.1	512.1	512.1	509.4	520.1	525.5	530.9	536.2
77.5°	691.7	694.4	694.4	697.1	699.8	702.5	702.5	721.2	734.6	742.7	750.7
75°	863.3	871.4	879.4	887.5	898.2	903.6	911.6	938.4	959.9	975.9	992.0
72.5°	1099.3	1110.0	1123.4	1142.2	1160.9	1174.4	1193.1	1225.3	1249.4	1265.5	1284.3
70°	1504.1	1514.9	1528.3	1541.7	1560.4	1573.9	1592.6	1632.8	1657.0	1667.7	1678.4
67.5°	2104.7	2131.5	2155.7	2128.9	2115.4	2096.7	2102.0	2139.6	2163.7	2179.8	2177.1
65°	2638.3	2657.0	2657.0	2654.4	2643.6	2619.5	2632.9	2678.5	2705.3	2718.7	2678.5
62.5°	3265.7	3265.7	3252.3	3273.7	3276.4	3260.3	3252.3	3254.9	3257.6	3265.7	3198.6
60°	3700.0	3726.8	3734.9	3753.6	3759.0	3759.0	3772.4	3783.1	3783.1	3767.1	3689.3
57.5°	4273.8	4324.7	4335.5	4322.1	4295.2	4260.4	4255.0	4238.9	4206.8	4174.6	4137.1
55°	4852.9	4879.7	4877.1	4869.0	4842.2	4802.0	4807.3	4785.9	4735.0	4694.7	4643.8
52.5°	5434.7	5499.1	5509.8	5493.7	5456.2	5413.3	5416.0	5391.8	5340.9	5298.0	5228.3
50°	6177.4	6231.1	6225.7	6198.9	6145.3	6113.1	6115.8	6070.2	6011.2	5997.8	5906.6
47.5°	7027.4	7089.0	7078.3	7040.8	6968.4	6955.0	6968.4	6909.4	6874.5	6845.0	6737.8
45°	8142.7	8215.1	8174.9	8102.5	7987.2	8000.6	8019.4	8008.7	7933.6	7855.8	7719.1
42.5°	9451.1	9496.7	9448.5	9376.1	9231.3	9258.1	9247.4	9183.0	9137.4	9008.8	8834.5
40°	10850.7	10949.9	10874.9	10762.2	10612.1	10652.3	10622.8	10539.7	10432.5	10271.6	10051.7
37.5°	12360.2	12438.0	12352.2	12220.8	12086.7	12073.3	12014.4	11885.7	11732.8	11555.9	11204.6
35°	13805.4	14006.5	13848.3	13639.1	13475.6	13413.9	13357.6	13060.0	12885.7	12598.8	12118.9
32.5°	14880.5	15028.0	14832.3	14615.1	14416.7	14330.9	14132.5	13778.6	13684.7	13081.5	12641.7
30°	15162.1	15151.3	14947.6	14781.3	14566.8	14507.8	14143.2	13842.9	13542.6	12984.9	12566.7
27.5°	14491.8	14424.7	14229.0	14084.2	13872.4	13802.7	13443.4	13282.5	12818.7	12346.8	11992.9
25°	12998.3	13033.2	12885.7	12813.3	12673.9	12523.8	12381.7	12164.5	11874.9	11462.0	11137.6
22.5°	11821.3	11866.9	11805.2	11719.4	11612.2	11529.1	11421.8	11252.9	10974.1	10719.3	10413.7
20°	11167.1	11153.7	11100.1	11035.7	10933.8	10874.9	10756.9	10614.8	10400.3	10180.4	9850.6
17.5°	10823.9	10740.8	10689.9	10665.7	10612.1	10537.0	10397.6	10252.8	10086.6	9837.2	9595.9
15°	10569.2	10582.6	10542.4	10523.6	10480.7	10376.2	10234.1	10116.1	9890.9	9764.8	9545.0
12.5°	10553.1	10539.7	10542.4	10534.3	10480.7	10346.7	10274.3	10124.1	9979.3	9813.1	9561.1
10°	10743.5	10601.4	10612.1	10649.6	10563.8	10456.6	10378.8	10215.3	10078.5	9866.7	9617.4
7.5°	10732.7	10660.4	10681.8	10620.1	10647.0	10515.6	10408.3	10244.8	10073.2	9848.0	9622.7
5°	10797.1	10687.2	10668.4	10673.8	10606.7	10507.5	10362.7	10207.2	10046.4	9794.3	9563.8
2.5°	10649.6	10665.7	10579.9	10547.7	10539.7	10373.5	10239.4	10089.3	9923.0	9700.5	9494.0
0°	10539.7	10569.2	10480.7	10435.1	10432.5	10290.4	10204.6	10033.0	9915.0	9730.0	9480.6
-2.5°	10480.7	10515.6	10526.3	10443.2	10362.7	10252.8	10108.0	9923.0	9730.0	9515.5	9301.0
-5°	10486.1	10416.4	10386.9	10413.7	10344.0	10234.1	10073.2	9909.6	9719.3	9488.7	9220.6
-7.5°	10274.3	10204.6	10199.2	10185.8	10169.7	10065.1	9931.1	9754.1	9561.1	9346.6	9097.2
-10°	9957.9	9906.9	9893.5	9880.1	9837.2	9775.6	9649.6	9488.7	9314.4	9099.9	8834.5
-12.5°	9606.7	9582.5	9531.6	9496.7	9453.8	9381.4	9260.8	9113.3	8939.0	8748.7	8520.8
-15°	9217.9	9172.3	9121.4	9091.9	9030.2	8944.4	8823.8	8687.0	8496.6	8309.0	8094.5
-17.5°	8748.7	8692.4	8636.1	8628.0	8585.1	8453.7	8341.1	8174.9	8008.7	7829.0	7619.9
-20°	8196.4	8118.6	8081.1	8059.6	8000.6	7904.1	7783.5	7630.6	7469.8	7298.2	7056.9



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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°	7585.0	7518.0	7453.7	7413.5	7362.5	7287.4	7172.1	7038.1	6879.9	6686.9	6464.3
-25°	6890.6	6796.8	6756.6	6711.0	6684.2	6614.5	6501.9	6378.5	6215.0	6027.3	5815.5
-27.5°	6097.0	6021.9	6000.5	5936.1	5904.0	5831.6	5737.7	5622.4	5472.3	5295.3	5121.0
-30°	5220.3	5174.7	5139.8	5075.5	5051.3	4973.6	4911.9	4815.4	4678.7	4552.6	4413.2
-32.5°	4319.4	4273.8	4263.1	4233.6	4217.5	4166.5	4096.8	4027.1	3917.2	3823.4	3710.7
-35°	3520.4	3488.2	3490.9	3488.2	3472.1	3434.6	3348.8	3330.0	3249.6	3163.8	3091.4
-37.5°	2882.3	2884.9	2882.3	2879.6	2858.1	2842.0	2780.4	2756.2	2708.0	2624.9	2582.0
-40°	2402.3	2407.7	2405.0	2399.7	2375.5	2367.5	2327.3	2295.1	2276.3	2217.3	2171.8
-42.5°	2013.6	2021.6	2018.9	2016.2	2000.2	1997.5	1976.0	1938.5	1927.8	1892.9	1844.6
-45°	1718.6	1716.0	1710.6	1716.0	1707.9	1699.9	1686.5	1662.3	1648.9	1632.8	1592.6
-47.5°	1485.4	1488.1	1482.7	1482.7	1472.0	1463.9	1458.6	1442.5	1431.7	1418.3	1394.2
-50°	1292.3	1303.1	1300.4	1297.7	1289.6	1284.3	1284.3	1268.2	1252.1	1246.7	1230.7
-52.5°	1142.2	1150.2	1152.9	1158.3	1160.9	1163.6	1155.6	1139.5	1112.7	1110.0	1102.0
-55°	1005.4	1029.6	1045.7	1056.4	1067.1	1075.2	1059.1	1037.6	1010.8	1000.1	997.4
-57.5°	911.6	935.7	954.5	970.6	984.0	997.4	981.3	959.9	935.7	922.3	919.6
-60°	825.8	847.3	866.0	887.5	906.2	927.7	919.6	903.6	890.2	879.4	868.7
-62.5°	734.6	756.1	777.5	804.4	828.5	849.9	852.6	849.9	847.3	849.9	831.2
-65°	659.6	670.3	683.7	713.2	740.0	764.1	777.5	785.6	799.0	812.4	793.6
-67.5°	579.1	592.5	608.6	630.1	651.5	667.6	686.4	707.8	729.3	750.7	737.3
-70°	506.7	517.5	530.9	541.6	555.0	565.7	581.8	605.9	630.1	651.5	646.2
-72.5°	431.7	442.4	450.4	455.8	463.8	469.2	477.2	498.7	514.8	525.5	525.5
-75°	356.6	367.3	375.4	378.0	383.4	386.1	391.5	399.5	407.5	410.2	412.9
-77.5°	273.5	284.2	292.2	297.6	303.0	308.3	311.0	316.4	319.1	319.1	321.7
-80°	203.8	211.8	217.2	225.2	227.9	233.3	238.6	241.3	244.0	244.0	246.7
-82.5°	144.8	150.1	155.5	160.9	166.2	168.9	174.3	177.0	179.6	182.3	185.0
-85°	96.5	101.9	107.2	112.6	115.3	118.0	120.7	123.3	126.0	128.7	131.4
-87.5°	56.3	59.0	61.7	67.0	69.7	75.1	77.8	75.1	77.8	77.8	77.8
-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°	104.6	104.6	104.6	104.6	101.9	96.5	93.8	88.5	83.1	77.8	72.4
85°	217.2	219.9	219.9	219.9	214.5	211.8	203.8	195.7	185.0	168.9	155.5
82.5°	362.0	364.6	364.6	362.0	356.6	348.6	337.8	324.4	303.0	281.5	262.8
80°	544.3	547.0	547.0	544.3	530.9	517.5	504.1	488.0	461.2	431.7	399.5
77.5°	761.5	766.8	766.8	758.8	740.0	723.9	702.5	675.7	635.4	592.5	549.6
75°	1013.5	1026.9	1029.6	1021.5	997.4	967.9	933.0	887.5	825.8	772.2	721.2
72.5°	1305.7	1319.1	1329.9	1319.1	1284.3	1244.1	1193.1	1139.5	1077.8	1005.4	919.6
70°	1689.1	1702.5	1710.6	1675.7	1614.1	1547.0	1485.4	1423.7	1351.3	1262.8	1169.0
67.5°	2171.8	2158.3	2142.3	2072.5	1994.8	1914.4	1828.6	1737.4	1643.6	1549.7	1439.8
65°	2635.6	2598.1	2563.2	2480.1	2380.9	2276.3	2177.1	2075.2	1962.6	1844.6	1740.1
62.5°	3123.6	3043.1	2957.3	2855.5	2753.6	2638.3	2539.1	2418.4	2292.4	2147.6	2013.6
60°	3603.5	3507.0	3421.2	3295.2	3161.1	3005.6	2898.4	2780.4	2632.9	2477.4	2319.2
57.5°	4067.3	3962.8	3868.9	3759.0	3614.2	3445.3	3327.3	3174.5	3019.0	2823.3	2662.4
55°	4560.7	4456.1	4381.0	4257.7	4099.5	3944.0	3815.3	3654.4	3437.3	3228.1	3029.7
52.5°	5126.4	5043.3	4962.9	4836.8	4646.5	4488.3	4346.2	4166.5	3938.6	3681.3	3442.6
50°	5759.2	5716.3	5630.5	5483.0	5265.8	5126.4	4938.7	4700.1	4456.1	4185.3	3887.7
47.5°	6598.4	6528.7	6408.0	6247.1	6064.8	5855.7	5603.7	5324.8	4978.9	4678.7	4362.3
45°	7601.1	7472.4	7316.9	7099.8	6874.5	6638.6	6362.4	6008.5	5544.7	5153.2	4820.8
42.5°	8687.0	8512.7	8300.9	8016.7	7724.5	7434.9	7137.3	6654.7	6075.5	5625.1	5249.7
40°	9821.1	9598.6	9333.2	8920.3	8595.9	8223.2	7882.7	7161.4	6544.8	6056.8	5657.3
37.5°	10931.2	10649.6	10204.6	9703.2	9325.1	9019.5	8271.4	7499.3	6946.9	6410.7	6005.8
35°	11781.1	11542.5	10756.9	10236.7	9912.3	9429.7	8494.0	7703.0	7118.5	6673.4	6043.4
32.5°	12285.2	11668.5	10979.4	10453.9	10185.8	9394.8	8510.1	7762.0	7199.0	6700.3	5946.8
30°	12172.5	11427.2	10823.9	10384.2	9802.4	9091.9	8359.9	7670.8	7123.9	6520.6	5839.6
27.5°	11494.2	10917.8	10378.8	9920.4	9349.3	8711.1	8035.5	7429.5	6920.1	6335.6	5692.1
25°	10727.4	10204.6	9805.1	9405.6	8864.0	8255.3	7660.1	7223.1	6711.0	6134.5	5499.1
22.5°	10022.2	9646.9	9333.2	8914.9	8386.7	7855.8	7485.8	7032.7	6507.2	5922.7	5300.7
20°	9571.8	9317.1	8957.8	8496.6	8081.1	7748.6	7338.4	6858.4	6316.9	5705.5	5131.8
17.5°	9354.6	9059.7	8660.2	8359.9	8040.8	7676.2	7217.7	6708.3	6131.9	5606.3	5150.5
15°	9242.0	8931.0	8668.2	8373.3	8014.0	7630.6	7121.2	6593.0	6131.9	5646.6	5163.9
12.5°	9266.1	8998.0	8711.1	8389.4	8003.3	7593.1	7131.9	6641.3	6164.0	5676.1	5166.6
10°	9341.2	9059.7	8754.0	8397.4	8008.7	7603.8	7161.4	6670.8	6180.1	5689.5	5161.3
7.5°	9368.0	9062.4	8735.3	8376.0	7995.3	7598.5	7166.8	6678.8	6182.8	5686.8	5145.2
5°	9284.9	9008.8	8692.4	8330.4	7957.7	7571.6	7145.3	6668.1	6161.3	5660.0	5105.0
2.5°	9172.3	8949.8	8646.8	8298.2	7920.2	7534.1	7110.5	6619.8	6113.1	5611.7	5054.0
0°	9153.5	8877.4	8571.7	8260.7	7858.5	7451.0	7030.0	6528.7	6024.6	5520.5	4965.5
-2.5°	9030.2	8738.0	8432.3	8094.5	7740.6	7330.3	6887.9	6397.3	5898.6	5402.6	4869.0
-5°	8936.4	8611.9	8287.5	7922.9	7566.3	7156.1	6697.6	6220.3	5732.4	5249.7	4735.0
-7.5°	8810.3	8477.9	8137.4	7756.6	7370.6	6952.3	6499.2	6021.9	5542.0	5062.1	4568.7
-10°	8555.6	8263.4	7944.3	7550.2	7142.7	6724.4	6274.0	5804.7	5324.8	4839.5	4343.5
-12.5°	8247.3	7939.0	7590.4	7228.5	6863.8	6475.0	6024.6	5563.4	5080.8	4592.9	4099.5
-15°	7847.8	7544.8	7188.2	6834.3	6483.1	6110.4	5713.6	5298.0	4807.3	4327.4	3834.1
-17.5°	7349.1	7064.9	6745.8	6408.0	6059.5	5684.1	5298.0	4946.8	4488.3	4037.9	3549.9
-20°	6812.9	6547.4	6260.5	5941.5	5592.9	5225.6	4861.0	4493.7	4096.8	3700.0	3246.9



REPORT NUMBER: P722332

CATALOG NUMBER: IFLD-L-SA8A-940-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6255.2	5987.1	5697.5	5399.9	5078.1	4737.6	4399.8	4048.6	3700.0	3340.7	2957.3
-25°	5611.7	5375.8	5110.3	4820.8	4533.9	4236.3	3914.5	3595.5	3297.8	2986.8	2673.1
-27.5°	4938.7	4721.6	4480.2	4228.2	3981.5	3732.2	3453.4	3158.4	2911.8	2654.4	2394.3
-30°	4230.9	4056.6	3860.9	3641.0	3450.7	3249.6	3016.3	2772.3	2547.1	2351.4	2142.3
-32.5°	3560.6	3413.1	3273.7	3128.9	2941.3	2785.7	2624.9	2445.2	2246.8	2061.8	1911.7
-35°	2984.1	2826.0	2767.0	2659.7	2525.7	2388.9	2271.0	2142.3	1992.1	1828.6	1705.2
-37.5°	2498.9	2405.0	2321.9	2262.9	2174.4	2064.5	1970.7	1876.8	1761.5	1638.2	1514.9
-40°	2120.8	2056.5	1965.3	1935.8	1879.5	1804.4	1707.9	1635.5	1557.8	1463.9	1359.4
-42.5°	1817.8	1769.6	1710.6	1659.6	1635.5	1581.9	1506.8	1437.1	1375.4	1311.1	1230.7
-45°	1568.5	1536.3	1498.8	1453.2	1434.4	1391.5	1337.9	1260.2	1225.3	1171.7	1112.7
-47.5°	1367.4	1351.3	1324.5	1295.0	1268.2	1236.0	1187.8	1139.5	1091.2	1056.4	1010.8
-50°	1209.2	1198.5	1182.4	1158.3	1123.4	1102.0	1069.8	1026.9	981.3	951.8	919.6
-52.5°	1083.2	1072.5	1061.7	1043.0	1016.2	994.7	967.9	933.0	895.5	866.0	839.2
-55°	986.7	970.6	962.5	946.5	925.0	900.9	876.7	852.6	820.4	793.6	766.8
-57.5°	911.6	890.2	879.4	866.0	844.6	820.4	801.7	777.5	756.1	726.6	702.5
-60°	852.6	828.5	807.0	793.6	774.9	750.7	732.0	713.2	691.7	667.6	638.1
-62.5°	804.4	774.9	745.4	729.3	710.5	689.1	670.3	651.5	630.1	605.9	579.1
-65°	758.8	723.9	686.4	670.3	651.5	630.1	605.9	592.5	573.8	552.3	525.5
-67.5°	702.5	664.9	632.8	614.0	595.2	576.5	555.0	541.6	522.8	496.0	469.2
-70°	619.4	595.2	573.8	557.7	541.6	525.5	504.1	482.6	461.2	437.0	412.9
-72.5°	514.8	506.7	504.1	496.0	477.2	458.5	437.0	415.6	396.8	378.0	359.3
-75°	415.6	420.9	426.3	423.6	404.9	386.1	367.3	348.6	335.1	319.1	303.0
-77.5°	329.8	335.1	340.5	340.5	327.1	316.4	303.0	289.6	278.8	265.4	249.3
-80°	254.7	262.8	270.8	276.2	265.4	257.4	246.7	235.9	225.2	214.5	203.8
-82.5°	193.0	201.1	209.1	214.5	206.5	201.1	193.0	185.0	177.0	166.2	158.2
-85°	139.4	144.8	150.1	152.8	147.5	142.1	136.7	131.4	126.0	118.0	112.6
-87.5°	80.4	83.1	85.8	88.5	83.1	77.8	75.1	69.7	67.0	61.7	59.0
-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):

	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°	67.0	61.7	56.3	53.6	48.3	40.2	34.9	29.5	24.1	18.8	16.1
85°	142.1	128.7	112.6	104.6	93.8	83.1	72.4	61.7	50.9	40.2	29.5
82.5°	244.0	227.9	211.8	193.0	168.9	139.4	109.9	91.2	75.1	59.0	45.6
80°	367.3	337.8	311.0	286.9	260.1	222.5	182.3	144.8	101.9	77.8	59.0
77.5°	509.4	474.6	437.0	396.8	353.9	303.0	257.4	209.1	158.2	107.2	75.1
75°	670.3	624.7	573.8	517.5	461.2	394.1	329.8	273.5	214.5	150.1	91.2
72.5°	849.9	793.6	732.0	656.9	568.4	490.7	412.9	337.8	268.1	190.4	123.3
70°	1080.5	992.0	900.9	820.4	707.8	584.5	493.3	407.5	319.1	233.3	155.5
67.5°	1327.2	1219.9	1110.0	992.0	849.9	705.1	573.8	477.2	372.7	273.5	185.0
65°	1595.3	1461.2	1321.8	1190.4	994.7	823.1	675.7	544.3	423.6	311.0	214.5
62.5°	1871.5	1713.3	1552.4	1380.8	1155.6	943.8	772.2	619.4	471.9	345.9	241.3
60°	2166.4	1981.4	1785.7	1571.2	1308.4	1075.2	863.3	697.1	522.8	380.7	270.8
57.5°	2477.4	2276.3	2045.7	1756.2	1466.6	1201.2	967.9	766.8	568.4	412.9	292.2
55°	2815.2	2584.7	2332.6	1949.2	1622.1	1327.2	1072.5	836.5	616.7	439.7	313.7
52.5°	3179.9	2911.8	2592.7	2153.0	1785.7	1455.9	1169.0	898.2	662.3	469.2	332.5
50°	3587.4	3249.6	2820.6	2340.7	1927.8	1576.5	1265.5	965.2	699.8	501.4	348.6
47.5°	4011.0	3646.4	3024.4	2514.9	2072.5	1694.5	1364.7	1024.2	737.3	528.2	364.6
45°	4453.4	3922.6	3236.2	2670.5	2198.6	1801.8	1439.8	1077.8	782.9	552.3	378.0
42.5°	4890.5	4131.7	3421.2	2826.0	2316.5	1898.3	1501.5	1128.8	820.4	576.5	391.5
40°	5096.9	4289.9	3568.6	2933.2	2415.7	1984.1	1555.1	1174.4	852.6	592.5	404.9
37.5°	5182.7	4386.4	3665.2	3035.1	2493.5	2029.7	1600.7	1214.6	879.4	608.6	415.6
35°	5201.5	4421.3	3713.4	3104.8	2557.8	2072.5	1635.5	1244.1	900.9	624.7	426.3
32.5°	5166.6	4410.5	3726.8	3128.9	2598.1	2104.7	1659.6	1265.5	917.0	640.8	437.0
30°	5088.9	4354.2	3678.6	3126.3	2627.6	2123.5	1675.7	1281.6	933.0	651.5	442.4
27.5°	4962.9	4255.0	3616.9	3128.9	2643.6	2131.5	1683.8	1289.6	943.8	659.6	453.1
25°	4807.3	4121.0	3619.6	3123.6	2646.3	2134.2	1683.8	1289.6	946.5	662.3	461.2
22.5°	4627.7	4121.0	3619.6	3115.5	2630.2	2128.9	1675.7	1284.3	946.5	667.6	469.2
20°	4638.4	4123.6	3611.5	3099.4	2606.1	2112.8	1657.0	1270.9	938.4	675.7	474.6
17.5°	4646.5	4118.3	3595.5	3078.0	2573.9	2086.0	1632.8	1252.1	938.4	683.7	477.2
15°	4646.5	4102.2	3571.3	3045.8	2533.7	2048.4	1598.0	1236.0	941.1	686.4	482.6
12.5°	4638.4	4072.7	3533.8	3002.9	2485.5	2002.8	1576.5	1230.7	941.1	689.1	482.6
10°	4622.3	4032.5	3485.5	2949.3	2439.9	1986.8	1565.8	1219.9	935.7	689.1	482.6
7.5°	4592.9	3984.2	3445.3	2917.1	2413.1	1968.0	1549.7	1203.8	927.7	683.7	488.0
5°	4547.3	3957.4	3413.1	2879.6	2375.5	1954.6	1539.0	1190.4	922.3	683.7	482.6
2.5°	4488.3	3925.2	3375.6	2831.3	2332.6	1909.0	1504.1	1160.9	903.6	673.0	477.2
0°	4391.8	3860.9	3311.3	2764.3	2273.6	1863.4	1469.3	1131.5	884.8	662.3	471.9
-2.5°	4303.3	3775.1	3228.1	2694.6	2217.3	1823.2	1442.5	1115.4	876.7	659.6	469.2
-5°	4180.0	3657.1	3118.2	2603.4	2142.3	1783.0	1415.7	1096.6	868.7	654.2	469.2
-7.5°	4043.2	3533.8	3002.9	2509.6	2067.2	1713.3	1364.7	1067.1	849.9	643.5	466.5
-10°	3831.4	3348.8	2858.1	2402.3	1986.8	1651.6	1321.8	1040.3	833.8	632.8	455.8
-12.5°	3606.2	3145.0	2691.9	2271.0	1895.6	1587.3	1273.6	1010.8	815.1	622.0	450.4
-15°	3367.6	2935.9	2517.6	2134.2	1796.4	1509.5	1222.6	978.6	796.3	608.6	442.4
-17.5°	3118.2	2716.0	2338.0	1994.8	1697.2	1429.1	1169.0	949.1	774.9	595.2	434.4
-20°	2855.5	2490.8	2155.7	1852.7	1592.6	1348.6	1112.7	914.3	750.7	579.1	423.6



REPORT NUMBER: P722332

CATALOG NUMBER: IFLD-L-SA8A-940-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2595.4	2268.3	1968.0	1713.3	1485.4	1265.5	1056.4	879.4	723.9	560.4	415.6
-25°	2364.8	2059.1	1801.8	1579.2	1380.8	1185.1	997.4	844.6	694.4	541.6	404.9
-27.5°	2139.6	1879.5	1638.2	1453.2	1278.9	1107.3	941.1	807.0	664.9	520.1	394.1
-30°	1930.4	1707.9	1509.5	1329.9	1182.4	1037.6	892.8	769.5	632.8	498.7	380.7
-32.5°	1740.1	1560.4	1394.2	1222.6	1091.2	967.9	847.3	732.0	600.6	477.2	367.3
-35°	1563.1	1423.7	1278.9	1134.1	1000.1	903.6	799.0	691.7	571.1	453.1	353.9
-37.5°	1404.9	1292.3	1177.0	1053.7	938.4	841.9	753.4	651.5	541.6	431.7	340.5
-40°	1268.2	1177.0	1075.2	975.9	879.4	788.3	707.8	611.3	512.1	415.6	327.1
-42.5°	1142.2	1072.5	989.4	906.2	820.4	740.0	662.3	568.4	482.6	396.8	313.7
-45°	1045.7	975.9	908.9	833.8	761.5	691.7	614.0	530.9	455.8	375.4	300.3
-47.5°	954.5	892.8	831.2	769.5	710.5	646.2	568.4	498.7	426.3	356.6	289.6
-50°	874.1	815.1	761.5	707.8	656.9	595.2	522.8	466.5	402.2	337.8	276.2
-52.5°	799.0	748.0	694.4	651.5	608.6	547.0	488.0	434.4	378.0	316.4	262.8
-55°	732.0	683.7	635.4	595.2	555.0	501.4	453.1	407.5	353.9	300.3	249.3
-57.5°	667.6	627.4	581.8	544.3	504.1	461.2	420.9	378.0	329.8	284.2	235.9
-60°	608.6	571.1	530.9	493.3	458.5	423.6	386.1	351.2	308.3	265.4	222.5
-62.5°	549.6	517.5	482.6	445.1	418.3	386.1	356.6	321.7	286.9	249.3	198.4
-65°	496.0	466.5	434.4	402.2	378.0	353.9	327.1	294.9	265.4	230.6	177.0
-67.5°	442.4	415.6	388.8	362.0	340.5	321.7	294.9	270.8	246.7	209.1	155.5
-70°	391.5	370.0	345.9	324.4	308.3	286.9	268.1	246.7	225.2	182.3	131.4
-72.5°	343.2	321.7	303.0	286.9	273.5	254.7	238.6	222.5	193.0	152.8	109.9
-75°	286.9	273.5	262.8	249.3	235.9	222.5	209.1	190.4	160.9	123.3	85.8
-77.5°	235.9	227.9	219.9	209.1	198.4	187.7	171.6	152.8	128.7	96.5	69.7
-80°	193.0	185.0	179.6	168.9	160.9	150.1	134.1	118.0	93.8	75.1	56.3
-82.5°	147.5	142.1	136.7	131.4	123.3	112.6	96.5	83.1	69.7	56.3	42.9
-85°	104.6	101.9	96.5	91.2	83.1	75.1	64.3	56.3	48.3	37.5	29.5
-87.5°	53.6	50.9	48.3	45.6	42.9	37.5	32.2	26.8	24.1	18.8	13.4
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	10.7	8.0	2.7	0.0
85°	21.4	13.4	5.4	0.0
82.5°	32.2	21.4	8.0	0.0
80°	42.9	26.8	13.4	0.0
77.5°	53.6	32.2	16.1	0.0
75°	64.3	40.2	18.8	0.0
72.5°	72.4	45.6	21.4	0.0
70°	85.8	53.6	24.1	0.0
67.5°	107.2	59.0	26.8	0.0
65°	126.0	64.3	29.5	0.0
62.5°	147.5	69.7	32.2	0.0
60°	166.2	75.1	34.9	0.0
57.5°	185.0	88.5	37.5	0.0
55°	201.1	99.2	40.2	0.0
52.5°	219.9	109.9	42.9	0.0
50°	235.9	120.7	45.6	0.0
47.5°	249.3	131.4	45.6	0.0
45°	260.1	139.4	48.3	0.0
42.5°	268.1	147.5	50.9	0.0
40°	276.2	155.5	53.6	0.0
37.5°	284.2	163.6	53.6	0.0
35°	292.2	171.6	56.3	0.0
32.5°	300.3	179.6	56.3	0.0
30°	305.7	185.0	59.0	0.0
27.5°	313.7	190.4	59.0	0.0
25°	316.4	195.7	61.7	0.0
22.5°	321.7	198.4	61.7	0.0
20°	327.1	203.8	61.7	0.0
17.5°	329.8	206.5	64.3	0.0
15°	329.8	209.1	67.0	0.0
12.5°	332.5	211.8	67.0	0.0
10°	332.5	217.2	64.3	0.0
7.5°	337.8	214.5	64.3	0.0
5°	335.1	214.5	64.3	0.0
2.5°	332.5	211.8	64.3	0.0
0°	329.8	211.8	64.3	0.0
-2.5°	329.8	211.8	64.3	0.0
-5°	329.8	211.8	64.3	0.0
-7.5°	327.1	214.5	64.3	0.0
-10°	321.7	214.5	64.3	0.0
-12.5°	319.1	206.5	64.3	0.0
-15°	316.4	203.8	64.3	0.0
-17.5°	311.0	201.1	61.7	0.0
-20°	305.7	198.4	61.7	0.0



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CATALOG NUMBER: IFLD-L-SA8A-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	300.3	193.0	61.7	0.0
-25°	294.9	187.7	59.0	0.0
-27.5°	289.6	182.3	59.0	0.0
-30°	281.5	177.0	56.3	0.0
-32.5°	273.5	171.6	56.3	0.0
-35°	268.1	163.6	53.6	0.0
-37.5°	260.1	155.5	53.6	0.0
-40°	252.0	147.5	50.9	0.0
-42.5°	244.0	139.4	48.3	0.0
-45°	233.3	131.4	48.3	0.0
-47.5°	225.2	123.3	45.6	0.0
-50°	211.8	112.6	42.9	0.0
-52.5°	195.7	101.9	40.2	0.0
-55°	179.6	93.8	37.5	0.0
-57.5°	163.6	83.1	37.5	0.0
-60°	147.5	72.4	34.9	0.0
-62.5°	131.4	67.0	32.2	0.0
-65°	115.3	61.7	29.5	0.0
-67.5°	96.5	53.6	26.8	0.0
-70°	80.4	48.3	24.1	0.0
-72.5°	69.7	42.9	21.4	0.0
-75°	59.0	37.5	18.8	0.0
-77.5°	50.9	32.2	16.1	0.0
-80°	40.2	24.1	10.7	0.0
-82.5°	29.5	18.8	8.0	0.0
-85°	18.8	13.4	5.4	0.0
-87.5°	10.7	5.4	2.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)