

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: P722244

Luminaire Tested: **IFLD-L-SA7E-927-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722244
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-927-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

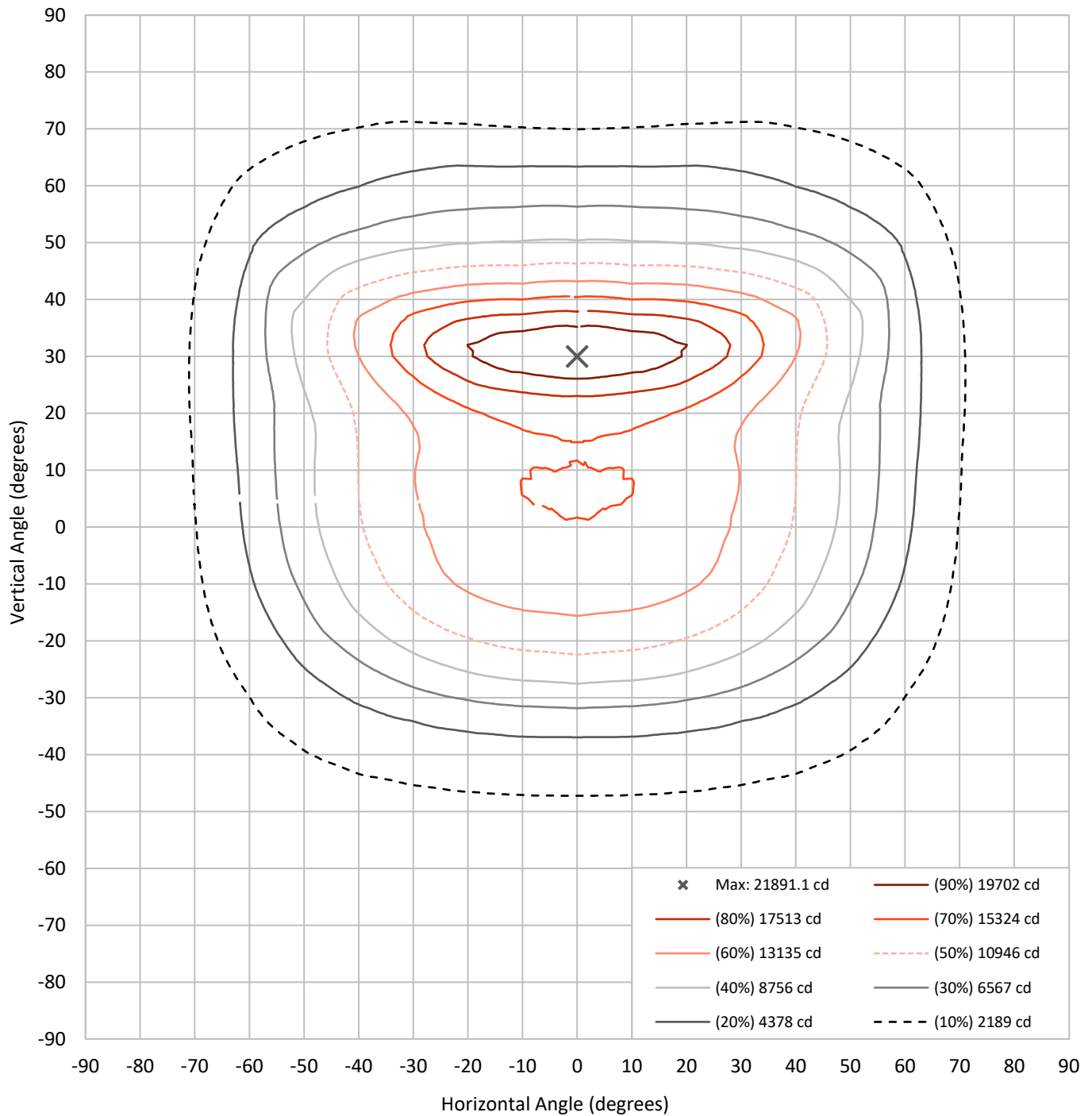
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	36541.7 lumens	Max Intensity:	21891.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	68.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	21249.5 lumens	Field Lumens:	34244.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 532.7
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



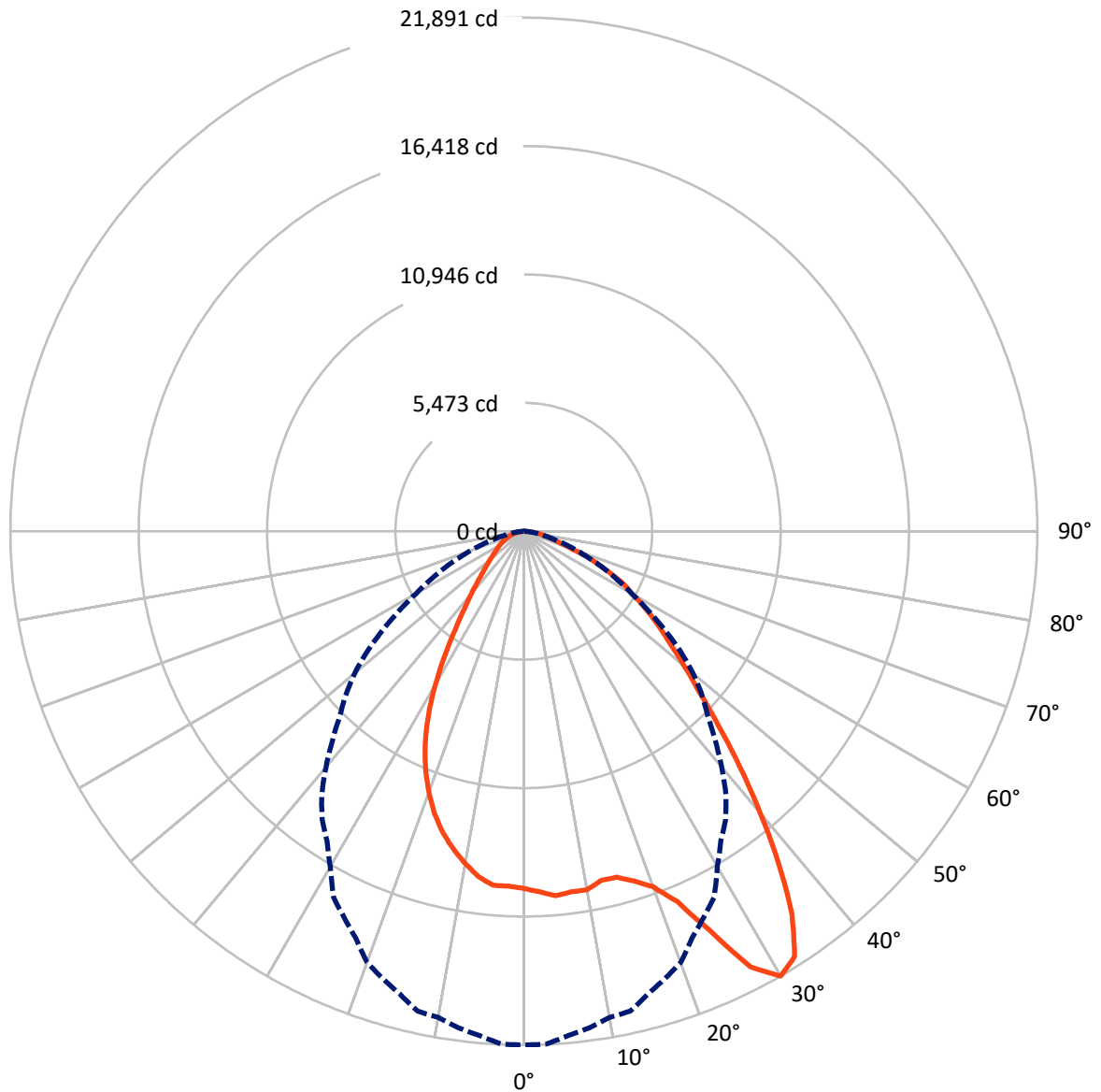
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Iso-Candela Plot



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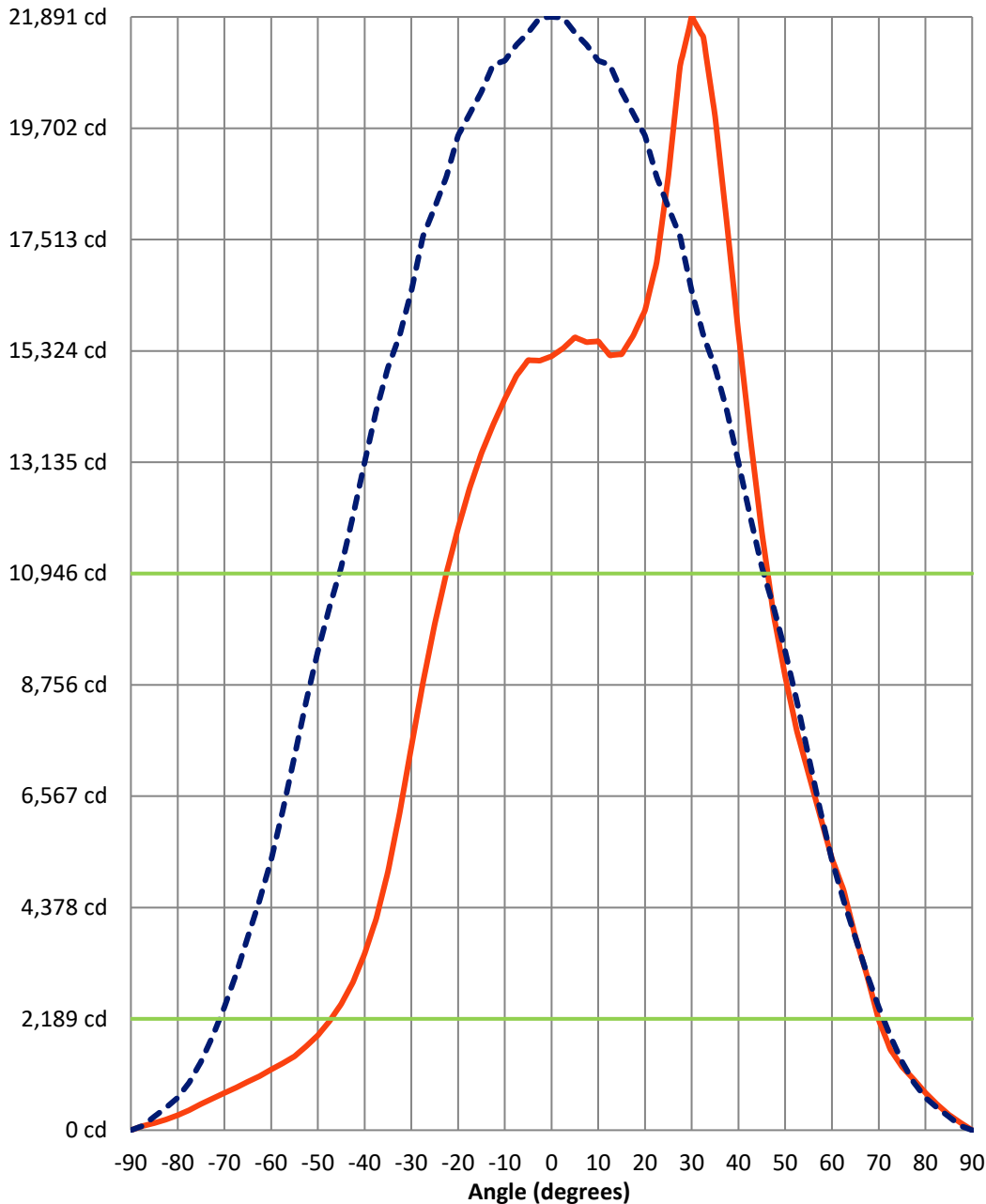
Luminous Intensity Polar Plot



— 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: 21249.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 34244.3
 Efficiency: 93.7%

Spill:
 Lumens: 2297.4
 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°	147.1	151.0	154.8	154.8	151.0	151.0	151.0	147.1	151.0	151.0	151.0
85°	305.8	313.6	321.3	317.4	313.6	305.8	298.1	301.9	305.8	309.7	309.7
82.5°	507.1	518.7	526.5	522.6	514.9	507.1	499.4	503.2	511.0	514.9	514.9
80°	735.5	739.4	743.3	751.0	739.4	739.4	735.5	751.0	758.7	766.5	774.2
77.5°	998.7	1002.6	1002.6	1006.5	1010.4	1014.2	1014.2	1041.3	1060.7	1072.3	1083.9
75°	1246.5	1258.1	1269.7	1281.3	1296.8	1304.6	1316.2	1354.9	1385.9	1409.1	1432.3
72.5°	1587.2	1602.6	1622.0	1649.1	1676.2	1695.5	1722.6	1769.1	1803.9	1827.2	1854.3
70°	2171.7	2187.2	2206.5	2225.9	2253.0	2272.3	2299.4	2357.5	2392.3	2407.8	2423.3
67.5°	3038.8	3077.5	3112.4	3073.7	3054.3	3027.2	3034.9	3089.1	3124.0	3147.2	3143.3
65°	3809.2	3836.3	3836.3	3832.4	3816.9	3782.1	3801.4	3867.2	3905.9	3925.3	3867.2
62.5°	4715.0	4715.0	4695.7	4726.6	4730.5	4707.3	4695.7	4699.5	4703.4	4715.0	4618.2
60°	5342.1	5380.8	5392.5	5419.5	5427.3	5427.3	5446.6	5462.1	5462.1	5438.9	5326.6
57.5°	6170.5	6244.1	6259.6	6240.2	6201.5	6151.2	6143.4	6120.2	6073.8	6027.3	5973.1
55°	7006.7	7045.4	7041.5	7029.9	6991.2	6933.2	6940.9	6909.9	6836.4	6778.3	6704.8
52.5°	7846.7	7939.6	7955.1	7931.9	7877.7	7815.8	7819.6	7784.8	7711.2	7649.3	7548.7
50°	8919.0	8996.5	8988.7	8950.0	8872.6	8826.1	8830.0	8764.2	8679.0	8659.7	8528.0
47.5°	10146.2	10235.2	10219.7	10165.5	10061.0	10041.6	10061.0	9975.8	9925.5	9882.9	9728.1
45°	11756.6	11861.1	11803.0	11698.5	11532.0	11551.4	11578.5	11563.0	11454.6	11342.3	11144.9
42.5°	13645.7	13711.5	13641.8	13537.3	13328.2	13366.9	13351.4	13258.5	13192.7	13006.9	12755.3
40°	15666.4	15809.6	15701.2	15538.6	15321.8	15379.9	15337.3	15217.3	15062.5	14830.2	14512.8
37.5°	17845.8	17958.1	17834.2	17644.5	17450.9	17431.6	17346.4	17160.6	16940.0	16684.5	16177.4
35°	19932.3	20222.7	19994.3	19692.3	19456.2	19367.1	19285.9	18856.2	18604.5	18190.3	17497.4
32.5°	21484.6	21697.6	21415.0	21101.4	20814.9	20691.1	20404.6	19893.6	19758.1	18887.1	18252.3
30°	21891.1	21875.6	21581.4	21341.4	21031.7	20946.6	20420.1	19986.5	19553.0	18747.8	18143.9
27.5°	20923.3	20826.6	20544.0	20334.9	20029.1	19928.5	19409.7	19177.5	18507.8	17826.4	17315.5
25°	18767.1	18817.4	18604.5	18500.0	18298.7	18081.9	17876.8	17563.2	17145.1	16549.0	16080.6
22.5°	17067.7	17133.5	17044.5	16920.6	16765.8	16645.8	16490.9	16247.0	15844.4	15476.7	15035.4
20°	16123.2	16103.8	16026.4	15933.5	15786.4	15701.2	15530.9	15325.7	15016.0	14698.6	14222.4
17.5°	15627.7	15507.7	15434.1	15399.3	15321.8	15213.4	15012.2	14803.1	14563.1	14203.1	13854.7
15°	15259.9	15279.3	15221.2	15194.1	15132.2	14981.2	14776.0	14605.7	14280.5	14098.6	13781.1
12.5°	15236.7	15217.3	15221.2	15209.6	15132.2	14938.6	14834.1	14617.3	14408.3	14168.2	13804.4
10°	15511.5	15306.4	15321.8	15376.0	15252.2	15097.3	14985.1	14748.9	14551.5	14245.7	13885.7
7.5°	15496.0	15391.5	15422.5	15333.5	15372.2	15182.5	15027.6	14791.5	14543.7	14218.6	13893.4
5°	15588.9	15430.2	15403.1	15410.9	15314.1	15170.9	14961.8	14737.3	14505.0	14141.2	13808.2
2.5°	15376.0	15399.3	15275.4	15228.9	15217.3	14977.3	14783.8	14567.0	14327.0	14005.7	13707.6
0°	15217.3	15259.9	15132.2	15066.3	15062.5	14857.3	14733.4	14485.7	14315.4	14048.2	13688.2
-2.5°	15132.2	15182.5	15198.0	15078.0	14961.8	14803.1	14594.1	14327.0	14048.2	13738.6	13428.9
-5°	15139.9	15039.2	14996.7	15035.4	14934.7	14776.0	14543.7	14307.6	14032.8	13699.8	13312.7
-7.5°	14834.1	14733.4	14725.7	14706.3	14683.1	14532.1	14338.6	14083.1	13804.4	13494.7	13134.7
-10°	14377.3	14303.7	14284.4	14265.0	14203.1	14114.1	13932.1	13699.8	13448.2	13138.5	12755.3
-12.5°	13870.2	13835.3	13761.8	13711.5	13649.5	13545.0	13370.8	13157.9	12906.3	12631.4	12302.4
-15°	13308.9	13243.1	13169.5	13126.9	13037.9	12914.0	12739.8	12542.4	12267.5	11996.6	11686.9
-17.5°	12631.4	12550.1	12468.8	12457.2	12395.3	12205.6	12043.0	11803.0	11563.0	11303.6	11001.7
-20°	11834.0	11721.7	11667.5	11636.5	11551.4	11412.0	11237.8	11017.2	10784.9	10537.2	10188.8



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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°	10951.4	10854.6	10761.7	10703.6	10630.1	10521.7	10355.2	10161.7	9933.3	9654.5	9333.2
-25°	9948.7	9813.3	9755.2	9689.4	9650.7	9550.0	9387.4	9209.4	8973.2	8702.2	8396.4
-27.5°	8802.9	8694.5	8663.5	8570.6	8524.2	8419.7	8284.2	8117.7	7900.9	7645.4	7393.8
-30°	7537.0	7471.2	7420.9	7328.0	7293.2	7180.9	7091.9	6952.5	6755.1	6573.1	6371.8
-32.5°	6236.4	6170.5	6155.1	6112.5	6089.3	6015.7	5915.1	5814.4	5655.7	5520.2	5357.6
-35°	5082.8	5036.3	5040.2	5036.3	5013.1	4958.9	4835.0	4807.9	4691.8	4567.9	4463.4
-37.5°	4161.4	4165.3	4161.4	4157.6	4126.6	4103.4	4014.3	3979.5	3909.8	3789.8	3727.9
-40°	3468.5	3476.3	3472.4	3464.6	3429.8	3418.2	3360.1	3313.7	3286.6	3201.4	3135.6
-42.5°	2907.2	2918.8	2914.9	2911.1	2887.8	2884.0	2853.0	2798.8	2783.3	2733.0	2663.3
-45°	2481.4	2477.5	2469.8	2477.5	2465.9	2454.3	2434.9	2400.1	2380.7	2357.5	2299.4
-47.5°	2144.6	2148.5	2140.7	2140.7	2125.2	2113.6	2105.9	2082.7	2067.2	2047.8	2013.0
-50°	1865.9	1881.4	1877.5	1873.6	1862.0	1854.3	1854.3	1831.0	1807.8	1800.1	1776.8
-52.5°	1649.1	1660.7	1664.6	1672.3	1676.2	1680.1	1668.4	1645.2	1606.5	1602.6	1591.0
-55°	1451.7	1486.5	1509.7	1525.2	1540.7	1552.3	1529.1	1498.1	1459.4	1443.9	1440.1
-57.5°	1316.2	1351.0	1378.1	1401.3	1420.7	1440.1	1416.8	1385.9	1351.0	1331.7	1327.8
-60°	1192.3	1223.3	1250.4	1281.3	1308.4	1339.4	1327.8	1304.6	1285.2	1269.7	1254.2
-62.5°	1060.7	1091.7	1122.6	1161.3	1196.2	1227.1	1231.0	1227.1	1223.3	1227.1	1200.0
-65°	952.3	967.8	987.1	1029.7	1068.4	1103.3	1122.6	1134.2	1153.6	1172.9	1145.8
-67.5°	836.2	855.5	878.7	909.7	940.7	963.9	991.0	1022.0	1052.9	1083.9	1064.6
-70°	731.6	747.1	766.5	782.0	801.3	816.8	840.0	874.9	909.7	940.7	932.9
-72.5°	623.2	638.7	650.3	658.1	669.7	677.4	689.1	720.0	743.3	758.7	758.7
-75°	514.9	530.3	542.0	545.8	553.6	557.4	565.2	576.8	588.4	592.3	596.2
-77.5°	394.9	410.3	422.0	429.7	437.4	445.2	449.0	456.8	460.7	460.7	464.5
-80°	294.2	305.8	313.6	325.2	329.0	336.8	344.5	348.4	352.3	352.3	356.1
-82.5°	209.0	216.8	224.5	232.3	240.0	243.9	251.6	255.5	259.4	263.2	267.1
-85°	139.4	147.1	154.8	162.6	166.5	170.3	174.2	178.1	181.9	185.8	189.7
-87.5°	81.3	85.2	89.0	96.8	100.6	108.4	112.3	108.4	112.3	112.3	112.3
-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°	151.0	151.0	151.0	151.0	147.1	139.4	135.5	127.7	120.0	112.3	104.5
85°	313.6	317.4	317.4	317.4	309.7	305.8	294.2	282.6	267.1	243.9	224.5
82.5°	522.6	526.5	526.5	522.6	514.9	503.2	487.8	468.4	437.4	406.5	379.4
80°	785.8	789.7	789.7	785.8	766.5	747.1	727.8	704.5	665.8	623.2	576.8
77.5°	1099.4	1107.1	1107.1	1095.5	1068.4	1045.2	1014.2	975.5	917.5	855.5	793.6
75°	1463.3	1482.6	1486.5	1474.9	1440.1	1397.5	1347.1	1281.3	1192.3	1114.9	1041.3
72.5°	1885.2	1904.6	1920.1	1904.6	1854.3	1796.2	1722.6	1645.2	1556.2	1451.7	1327.8
70°	2438.8	2458.2	2469.8	2419.4	2330.4	2233.6	2144.6	2055.6	1951.0	1823.3	1687.8
67.5°	3135.6	3116.2	3093.0	2992.4	2880.1	2764.0	2640.1	2508.5	2373.0	2237.5	2078.8
65°	3805.3	3751.1	3700.8	3580.8	3437.5	3286.6	3143.3	2996.2	2833.6	2663.3	2512.3
62.5°	4509.8	4393.7	4269.8	4122.7	3975.6	3809.2	3665.9	3491.7	3309.8	3100.8	2907.2
60°	5202.8	5063.4	4939.5	4757.6	4564.0	4339.5	4184.7	4014.3	3801.4	3576.9	3348.5
57.5°	5872.5	5721.5	5586.0	5427.3	5218.3	4974.4	4804.0	4583.4	4358.9	4076.3	3844.0
55°	6584.8	6433.8	6325.4	6147.3	5918.9	5694.4	5508.6	5276.3	4962.8	4660.8	4374.4
52.5°	7401.6	7281.6	7165.4	6983.5	6708.6	6480.2	6275.1	6015.7	5686.7	5315.0	4970.5
50°	8315.1	8253.2	8129.3	7916.4	7602.9	7401.6	7130.6	6786.0	6433.8	6042.8	5613.1
47.5°	9526.8	9426.1	9251.9	9019.7	8756.4	8454.5	8090.6	7688.0	7188.6	6755.1	6298.3
45°	10974.6	10788.8	10564.2	10250.7	9925.5	9584.9	9186.1	8675.1	8005.4	7440.3	6960.2
42.5°	12542.4	12290.8	11984.9	11574.6	11152.7	10734.6	10304.9	9608.1	8771.9	8121.6	7579.6
40°	14179.9	13858.6	13475.3	12879.2	12410.8	11872.7	11381.1	10339.7	9449.4	8744.8	8168.0
37.5°	15782.5	15376.0	14733.4	14009.5	13463.7	13022.4	11942.4	10827.5	10030.0	9255.8	8671.3
35°	17009.6	16665.1	15530.9	14779.9	14311.5	13614.7	12263.7	11121.7	10277.8	9635.2	8725.5
32.5°	17737.4	16847.1	15852.2	15093.4	14706.3	13564.4	12286.9	11206.9	10393.9	9673.9	8586.1
30°	17574.8	16498.7	15627.7	14992.8	14152.8	13126.9	12070.1	11075.2	10285.5	9414.5	8431.3
27.5°	16595.4	15763.1	14985.1	14323.1	13498.5	12577.2	11601.7	10726.8	9991.3	9147.4	8218.4
25°	15488.3	14733.4	14156.6	13579.8	12797.9	11919.1	11059.8	10428.8	9689.4	8857.1	7939.6
22.5°	14470.2	13928.2	13475.3	12871.4	12108.8	11342.3	10808.1	10153.9	9395.2	8551.3	7653.2
20°	13819.8	13452.1	12933.4	12267.5	11667.5	11187.5	10595.2	9902.3	9120.3	8237.7	7409.3
17.5°	13506.3	13080.5	12503.7	12070.1	11609.4	11083.0	10421.0	9685.5	8853.2	8094.5	7436.4
15°	13343.7	12894.7	12515.3	12089.5	11570.7	11017.2	10281.7	9519.1	8853.2	8152.6	7455.8
12.5°	13378.5	12991.4	12577.2	12112.7	11555.3	10963.0	10297.1	9588.7	8899.7	8195.1	7459.6
10°	13486.9	13080.5	12639.2	12124.3	11563.0	10978.5	10339.7	9631.3	8922.9	8214.5	7451.9
7.5°	13525.6	13084.3	12612.1	12093.3	11543.6	10970.7	10347.5	9642.9	8926.8	8210.6	7428.7
5°	13405.6	13006.9	12550.1	12027.5	11489.4	10932.0	10316.5	9627.4	8895.8	8171.9	7370.6
2.5°	13243.1	12921.8	12484.3	11981.1	11435.2	10877.8	10266.2	9557.8	8826.1	8102.2	7297.0
0°	13216.0	12817.2	12375.9	11926.9	11346.2	10757.8	10150.0	9426.1	8698.4	7970.6	7169.3
-2.5°	13037.9	12615.9	12174.6	11686.9	11175.9	10583.6	9944.9	9236.5	8516.4	7800.3	7029.9
-5°	12902.4	12434.0	11965.6	11439.1	10924.3	10332.0	9670.0	8981.0	8276.4	7579.6	6836.4
-7.5°	12720.5	12240.4	11748.8	11199.1	10641.7	10037.8	9383.6	8694.5	8001.6	7308.6	6596.4
-10°	12352.7	11930.7	11470.1	10901.0	10312.6	9708.7	9058.4	8380.9	7688.0	6987.3	6271.2
-12.5°	11907.5	11462.3	10959.1	10436.5	9910.0	9348.7	8698.4	8032.5	7335.7	6631.2	5918.9
-15°	11330.7	10893.3	10378.4	9867.5	9360.3	8822.3	8249.3	7649.3	6940.9	6248.0	5535.7
-17.5°	10610.7	10200.4	9739.7	9251.9	8748.7	8206.7	7649.3	7142.2	6480.2	5829.9	5125.3
-20°	9836.5	9453.2	9039.0	8578.4	8075.1	7544.8	7018.3	6488.0	5915.1	5342.1	4687.9



REPORT NUMBER: P722244

CATALOG NUMBER: IFLD-L-SA7E-927-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9031.3	8644.2	8226.1	7796.4	7331.9	6840.2	6352.5	5845.4	5342.1	4823.4	4269.8
-25°	8102.2	7761.6	7378.3	6960.2	6546.0	6116.3	5651.8	5191.2	4761.5	4312.4	3859.5
-27.5°	7130.6	6817.0	6468.6	6104.7	5748.6	5388.6	4986.0	4560.2	4204.0	3832.4	3456.9
-30°	6108.6	5857.0	5574.4	5257.0	4982.1	4691.8	4355.0	4002.7	3677.6	3395.0	3093.0
-32.5°	5140.8	4927.9	4726.6	4517.6	4246.6	4022.1	3789.8	3530.4	3244.0	2976.9	2760.1
-35°	4308.5	4080.1	3995.0	3840.1	3646.6	3449.2	3278.8	3093.0	2876.2	2640.1	2462.0
-37.5°	3607.9	3472.4	3352.4	3267.2	3139.5	2980.8	2845.3	2709.8	2543.3	2365.2	2187.2
-40°	3062.0	2969.1	2837.5	2794.9	2713.6	2605.3	2465.9	2361.4	2249.1	2113.6	1962.7
-42.5°	2624.6	2554.9	2469.8	2396.2	2361.4	2284.0	2175.6	2074.9	1985.9	1893.0	1776.8
-45°	2264.6	2218.1	2163.9	2098.1	2071.0	2009.1	1931.7	1819.4	1769.1	1691.7	1606.5
-47.5°	1974.3	1951.0	1912.3	1869.7	1831.0	1784.6	1714.9	1645.2	1575.5	1525.2	1459.4
-50°	1745.9	1730.4	1707.2	1672.3	1622.0	1591.0	1544.6	1482.6	1416.8	1374.2	1327.8
-52.5°	1563.9	1548.4	1533.0	1505.9	1467.1	1436.2	1397.5	1347.1	1292.9	1250.4	1211.7
-55°	1424.6	1401.3	1389.7	1366.5	1335.5	1300.7	1265.9	1231.0	1184.6	1145.8	1107.1
-57.5°	1316.2	1285.2	1269.7	1250.4	1219.4	1184.6	1157.5	1122.6	1091.7	1049.1	1014.2
-60°	1231.0	1196.2	1165.2	1145.8	1118.7	1083.9	1056.8	1029.7	998.7	963.9	921.3
-62.5°	1161.3	1118.7	1076.2	1052.9	1025.8	994.9	967.8	940.7	909.7	874.9	836.2
-65°	1095.5	1045.2	991.0	967.8	940.7	909.7	874.9	855.5	828.4	797.4	758.7
-67.5°	1014.2	960.0	913.6	886.5	859.4	832.3	801.3	782.0	754.9	716.2	677.4
-70°	894.2	859.4	828.4	805.2	782.0	758.7	727.8	696.8	665.8	631.0	596.2
-72.5°	743.3	731.6	727.8	716.2	689.1	662.0	631.0	600.0	572.9	545.8	518.7
-75°	600.0	607.8	615.5	611.6	584.5	557.4	530.3	503.2	483.9	460.7	437.4
-77.5°	476.1	483.9	491.6	491.6	472.3	456.8	437.4	418.1	402.6	383.2	360.0
-80°	367.8	379.4	391.0	398.7	383.2	371.6	356.1	340.7	325.2	309.7	294.2
-82.5°	278.7	290.3	301.9	309.7	298.1	290.3	278.7	267.1	255.5	240.0	228.4
-85°	201.3	209.0	216.8	220.7	212.9	205.2	197.4	189.7	181.9	170.3	162.6
-87.5°	116.1	120.0	123.9	127.7	120.0	112.3	108.4	100.6	96.8	89.0	85.2
-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-L-SA7E-927-U-76

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°	96.8	89.0	81.3	77.4	69.7	58.1	50.3	42.6	34.8	27.1	23.2
85°	205.2	185.8	162.6	151.0	135.5	120.0	104.5	89.0	73.6	58.1	42.6
82.5°	352.3	329.0	305.8	278.7	243.9	201.3	158.7	131.6	108.4	85.2	65.8
80°	530.3	487.8	449.0	414.2	375.5	321.3	263.2	209.0	147.1	112.3	85.2
77.5°	735.5	685.2	631.0	572.9	511.0	437.4	371.6	301.9	228.4	154.8	108.4
75°	967.8	902.0	828.4	747.1	665.8	569.1	476.1	394.9	309.7	216.8	131.6
72.5°	1227.1	1145.8	1056.8	948.4	820.7	708.4	596.2	487.8	387.1	274.8	178.1
70°	1560.1	1432.3	1300.7	1184.6	1022.0	843.9	712.3	588.4	460.7	336.8	224.5
67.5°	1916.2	1761.4	1602.6	1432.3	1227.1	1018.1	828.4	689.1	538.1	394.9	267.1
65°	2303.3	2109.8	1908.5	1718.8	1436.2	1188.4	975.5	785.8	611.6	449.0	309.7
62.5°	2702.0	2473.6	2241.4	1993.6	1668.4	1362.6	1114.9	894.2	681.3	499.4	348.4
60°	3127.9	2860.7	2578.2	2268.5	1889.1	1552.3	1246.5	1006.5	754.9	549.7	391.0
57.5°	3576.9	3286.6	2953.7	2535.6	2117.5	1734.3	1397.5	1107.1	820.7	596.2	422.0
55°	4064.7	3731.7	3367.9	2814.3	2342.0	1916.2	1548.4	1207.8	890.4	634.9	452.9
52.5°	4591.1	4204.0	3743.4	3108.5	2578.2	2102.0	1687.8	1296.8	956.2	677.4	480.0
50°	5179.5	4691.8	4072.4	3379.5	2783.3	2276.2	1827.2	1393.6	1010.4	723.9	503.2
47.5°	5791.2	5264.7	4366.6	3631.1	2992.4	2446.5	1970.4	1478.8	1064.6	762.6	526.5
45°	6429.9	5663.4	4672.4	3855.6	3174.3	2601.4	2078.8	1556.2	1130.4	797.4	545.8
42.5°	7060.9	5965.4	4939.5	4080.1	3344.6	2740.7	2167.8	1629.7	1184.6	832.3	565.2
40°	7359.0	6193.8	5152.4	4235.0	3487.9	2864.6	2245.2	1695.5	1231.0	855.5	584.5
37.5°	7482.8	6333.1	5291.8	4382.1	3600.1	2930.4	2311.1	1753.6	1269.7	878.7	600.0
35°	7509.9	6383.5	5361.5	4482.7	3693.0	2992.4	2361.4	1796.2	1300.7	902.0	615.5
32.5°	7459.6	6368.0	5380.8	4517.6	3751.1	3038.8	2396.2	1827.2	1323.9	925.2	631.0
30°	7347.4	6286.7	5311.2	4513.7	3793.7	3065.9	2419.4	1850.4	1347.1	940.7	638.7
27.5°	7165.4	6143.4	5222.1	4517.6	3816.9	3077.5	2431.1	1862.0	1362.6	952.3	654.2
25°	6940.9	5949.9	5226.0	4509.8	3820.8	3081.4	2431.1	1862.0	1366.5	956.2	665.8
22.5°	6681.5	5949.9	5226.0	4498.2	3797.6	3073.7	2419.4	1854.3	1366.5	963.9	677.4
20°	6697.0	5953.8	5214.4	4475.0	3762.7	3050.4	2392.3	1834.9	1354.9	975.5	685.2
17.5°	6708.6	5946.0	5191.2	4444.0	3716.3	3011.7	2357.5	1807.8	1354.9	987.1	689.1
15°	6708.6	5922.8	5156.3	4397.6	3658.2	2957.5	2307.2	1784.6	1358.8	991.0	696.8
12.5°	6697.0	5880.2	5102.1	4335.6	3588.5	2891.7	2276.2	1776.8	1358.8	994.9	696.8
10°	6673.8	5822.1	5032.4	4258.2	3522.7	2868.5	2260.7	1761.4	1351.0	994.9	696.8
7.5°	6631.2	5752.5	4974.4	4211.8	3484.0	2841.4	2237.5	1738.1	1339.4	987.1	704.5
5°	6565.4	5713.8	4927.9	4157.6	3429.8	2822.0	2222.0	1718.8	1331.7	987.1	696.8
2.5°	6480.2	5667.3	4873.7	4087.9	3367.9	2756.2	2171.7	1676.2	1304.6	971.6	689.1
0°	6340.9	5574.4	4780.8	3991.1	3282.7	2690.4	2121.4	1633.6	1277.5	956.2	681.3
-2.5°	6213.1	5450.5	4660.8	3890.5	3201.4	2632.4	2082.7	1610.4	1265.9	952.3	677.4
-5°	6035.1	5280.2	4502.1	3758.8	3093.0	2574.3	2043.9	1583.3	1254.2	944.5	677.4
-7.5°	5837.6	5102.1	4335.6	3623.4	2984.6	2473.6	1970.4	1540.7	1227.1	929.1	673.6
-10°	5531.8	4835.0	4126.6	3468.5	2868.5	2384.6	1908.5	1502.0	1203.9	913.6	658.1
-12.5°	5206.6	4540.8	3886.6	3278.8	2736.9	2291.7	1838.8	1459.4	1176.8	898.1	650.3
-15°	4862.1	4238.9	3635.0	3081.4	2593.6	2179.4	1765.2	1413.0	1149.7	878.7	638.7
-17.5°	4502.1	3921.4	3375.6	2880.1	2450.4	2063.3	1687.8	1370.4	1118.7	859.4	627.1
-20°	4122.7	3596.3	3112.4	2674.9	2299.4	1947.2	1606.5	1320.0	1083.9	836.2	611.6



REPORT NUMBER: P722244

CATALOG NUMBER: IFLD-L-SA7E-927-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3747.2	3275.0	2841.4	2473.6	2144.6	1827.2	1525.2	1269.7	1045.2	809.1	600.0
-25°	3414.3	2973.0	2601.4	2280.1	1993.6	1711.0	1440.1	1219.4	1002.6	782.0	584.5
-27.5°	3089.1	2713.6	2365.2	2098.1	1846.5	1598.8	1358.8	1165.2	960.0	751.0	569.1
-30°	2787.2	2465.9	2179.4	1920.1	1707.2	1498.1	1289.1	1111.0	913.6	720.0	549.7
-32.5°	2512.3	2253.0	2013.0	1765.2	1575.5	1397.5	1223.3	1056.8	867.1	689.1	530.3
-35°	2256.9	2055.6	1846.5	1637.5	1443.9	1304.6	1153.6	998.7	824.5	654.2	511.0
-37.5°	2028.5	1865.9	1699.4	1521.3	1354.9	1215.5	1087.8	940.7	782.0	623.2	491.6
-40°	1831.0	1699.4	1552.3	1409.1	1269.7	1138.1	1022.0	882.6	739.4	600.0	472.3
-42.5°	1649.1	1548.4	1428.4	1308.4	1184.6	1068.4	956.2	820.7	696.8	572.9	452.9
-45°	1509.7	1409.1	1312.3	1203.9	1099.4	998.7	886.5	766.5	658.1	542.0	433.6
-47.5°	1378.1	1289.1	1200.0	1111.0	1025.8	932.9	820.7	720.0	615.5	514.9	418.1
-50°	1262.0	1176.8	1099.4	1022.0	948.4	859.4	754.9	673.6	580.7	487.8	398.7
-52.5°	1153.6	1080.0	1002.6	940.7	878.7	789.7	704.5	627.1	545.8	456.8	379.4
-55°	1056.8	987.1	917.5	859.4	801.3	723.9	654.2	588.4	511.0	433.6	360.0
-57.5°	963.9	905.8	840.0	785.8	727.8	665.8	607.8	545.8	476.1	410.3	340.7
-60°	878.7	824.5	766.5	712.3	662.0	611.6	557.4	507.1	445.2	383.2	321.3
-62.5°	793.6	747.1	696.8	642.6	603.9	557.4	514.9	464.5	414.2	360.0	286.5
-65°	716.2	673.6	627.1	580.7	545.8	511.0	472.3	425.8	383.2	332.9	255.5
-67.5°	638.7	600.0	561.3	522.6	491.6	464.5	425.8	391.0	356.1	301.9	224.5
-70°	565.2	534.2	499.4	468.4	445.2	414.2	387.1	356.1	325.2	263.2	189.7
-72.5°	495.5	464.5	437.4	414.2	394.9	367.8	344.5	321.3	278.7	220.7	158.7
-75°	414.2	394.9	379.4	360.0	340.7	321.3	301.9	274.8	232.3	178.1	123.9
-77.5°	340.7	329.0	317.4	301.9	286.5	271.0	247.8	220.7	185.8	139.4	100.6
-80°	278.7	267.1	259.4	243.9	232.3	216.8	193.6	170.3	135.5	108.4	81.3
-82.5°	212.9	205.2	197.4	189.7	178.1	162.6	139.4	120.0	100.6	81.3	61.9
-85°	151.0	147.1	139.4	131.6	120.0	108.4	92.9	81.3	69.7	54.2	42.6
-87.5°	77.4	73.6	69.7	65.8	61.9	54.2	46.5	38.7	34.8	27.1	19.4
-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: P722244

CATALOG NUMBER: IFLD-L-SA7E-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	15.5	11.6	3.9	0.0
85°	31.0	19.4	7.7	0.0
82.5°	46.5	31.0	11.6	0.0
80°	61.9	38.7	19.4	0.0
77.5°	77.4	46.5	23.2	0.0
75°	92.9	58.1	27.1	0.0
72.5°	104.5	65.8	31.0	0.0
70°	123.9	77.4	34.8	0.0
67.5°	154.8	85.2	38.7	0.0
65°	181.9	92.9	42.6	0.0
62.5°	212.9	100.6	46.5	0.0
60°	240.0	108.4	50.3	0.0
57.5°	267.1	127.7	54.2	0.0
55°	290.3	143.2	58.1	0.0
52.5°	317.4	158.7	61.9	0.0
50°	340.7	174.2	65.8	0.0
47.5°	360.0	189.7	65.8	0.0
45°	375.5	201.3	69.7	0.0
42.5°	387.1	212.9	73.6	0.0
40°	398.7	224.5	77.4	0.0
37.5°	410.3	236.1	77.4	0.0
35°	422.0	247.8	81.3	0.0
32.5°	433.6	259.4	81.3	0.0
30°	441.3	267.1	85.2	0.0
27.5°	452.9	274.8	85.2	0.0
25°	456.8	282.6	89.0	0.0
22.5°	464.5	286.5	89.0	0.0
20°	472.3	294.2	89.0	0.0
17.5°	476.1	298.1	92.9	0.0
15°	476.1	301.9	96.8	0.0
12.5°	480.0	305.8	96.8	0.0
10°	480.0	313.6	92.9	0.0
7.5°	487.8	309.7	92.9	0.0
5°	483.9	309.7	92.9	0.0
2.5°	480.0	305.8	92.9	0.0
0°	476.1	305.8	92.9	0.0
-2.5°	476.1	305.8	92.9	0.0
-5°	476.1	305.8	92.9	0.0
-7.5°	472.3	309.7	92.9	0.0
-10°	464.5	309.7	92.9	0.0
-12.5°	460.7	298.1	92.9	0.0
-15°	456.8	294.2	92.9	0.0
-17.5°	449.0	290.3	89.0	0.0
-20°	441.3	286.5	89.0	0.0



REPORT NUMBER: P722244

CATALOG NUMBER: IFLD-L-SA7E-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	433.6	278.7	89.0	0.0
-25°	425.8	271.0	85.2	0.0
-27.5°	418.1	263.2	85.2	0.0
-30°	406.5	255.5	81.3	0.0
-32.5°	394.9	247.8	81.3	0.0
-35°	387.1	236.1	77.4	0.0
-37.5°	375.5	224.5	77.4	0.0
-40°	363.9	212.9	73.6	0.0
-42.5°	352.3	201.3	69.7	0.0
-45°	336.8	189.7	69.7	0.0
-47.5°	325.2	178.1	65.8	0.0
-50°	305.8	162.6	61.9	0.0
-52.5°	282.6	147.1	58.1	0.0
-55°	259.4	135.5	54.2	0.0
-57.5°	236.1	120.0	54.2	0.0
-60°	212.9	104.5	50.3	0.0
-62.5°	189.7	96.8	46.5	0.0
-65°	166.5	89.0	42.6	0.0
-67.5°	139.4	77.4	38.7	0.0
-70°	116.1	69.7	34.8	0.0
-72.5°	100.6	61.9	31.0	0.0
-75°	85.2	54.2	27.1	0.0
-77.5°	73.6	46.5	23.2	0.0
-80°	58.1	34.8	15.5	0.0
-82.5°	42.6	27.1	11.6	0.0
-85°	27.1	19.4	7.7	0.0
-87.5°	15.5	7.7	3.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)