

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: P724237

Luminaire Tested: **IFLD-L-SA7E-827-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724237
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-827-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (112) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

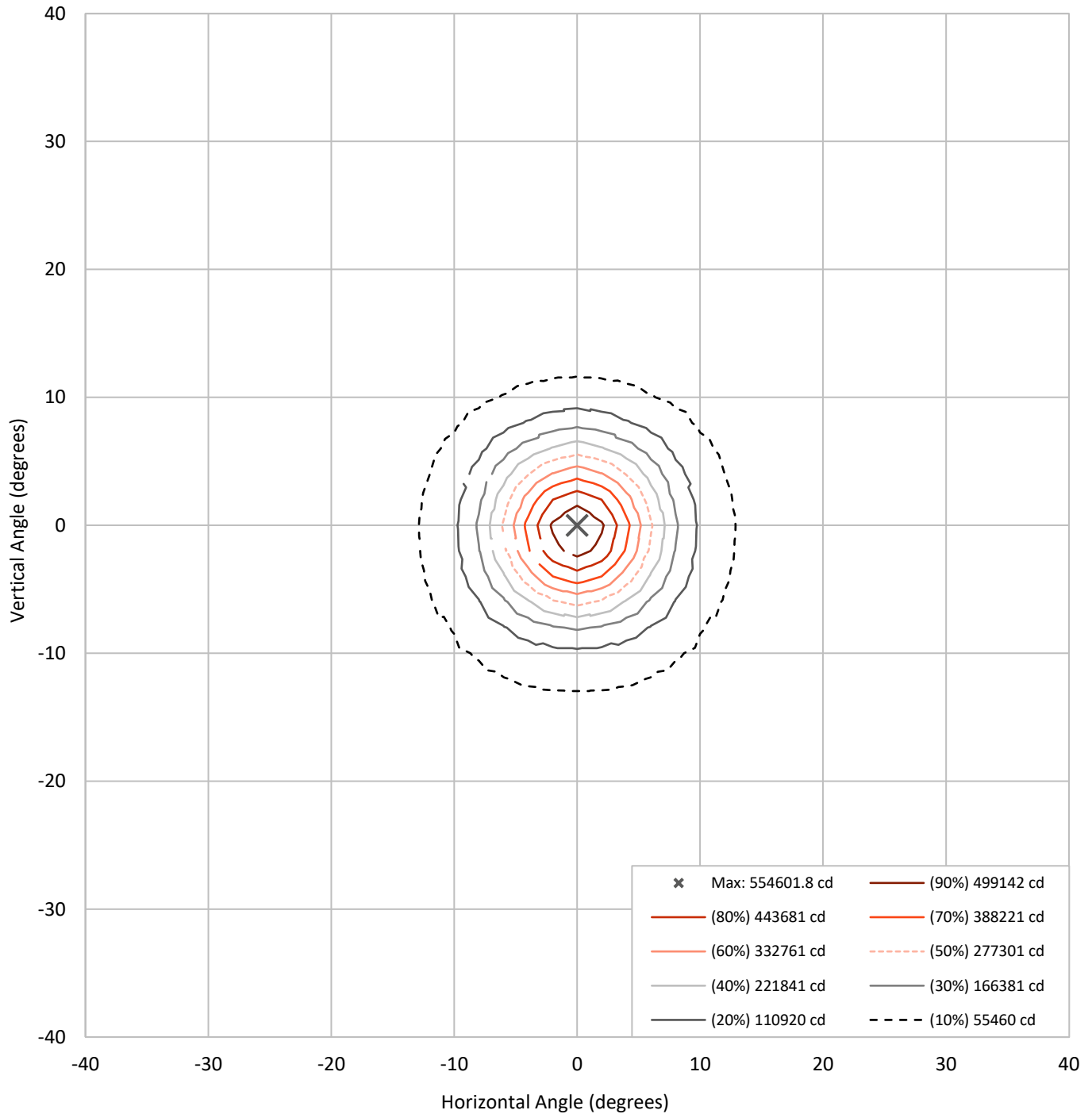
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	38739.2 lumens	Max Intensity:	554601.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	72.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	12119.4 lumens	Field Lumens:	27576 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

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



REPORT NUMBER: P724237
CATALOG NUMBER: IFLD-L-SA7E-827-U-22-VI

Iso-Candela Plot





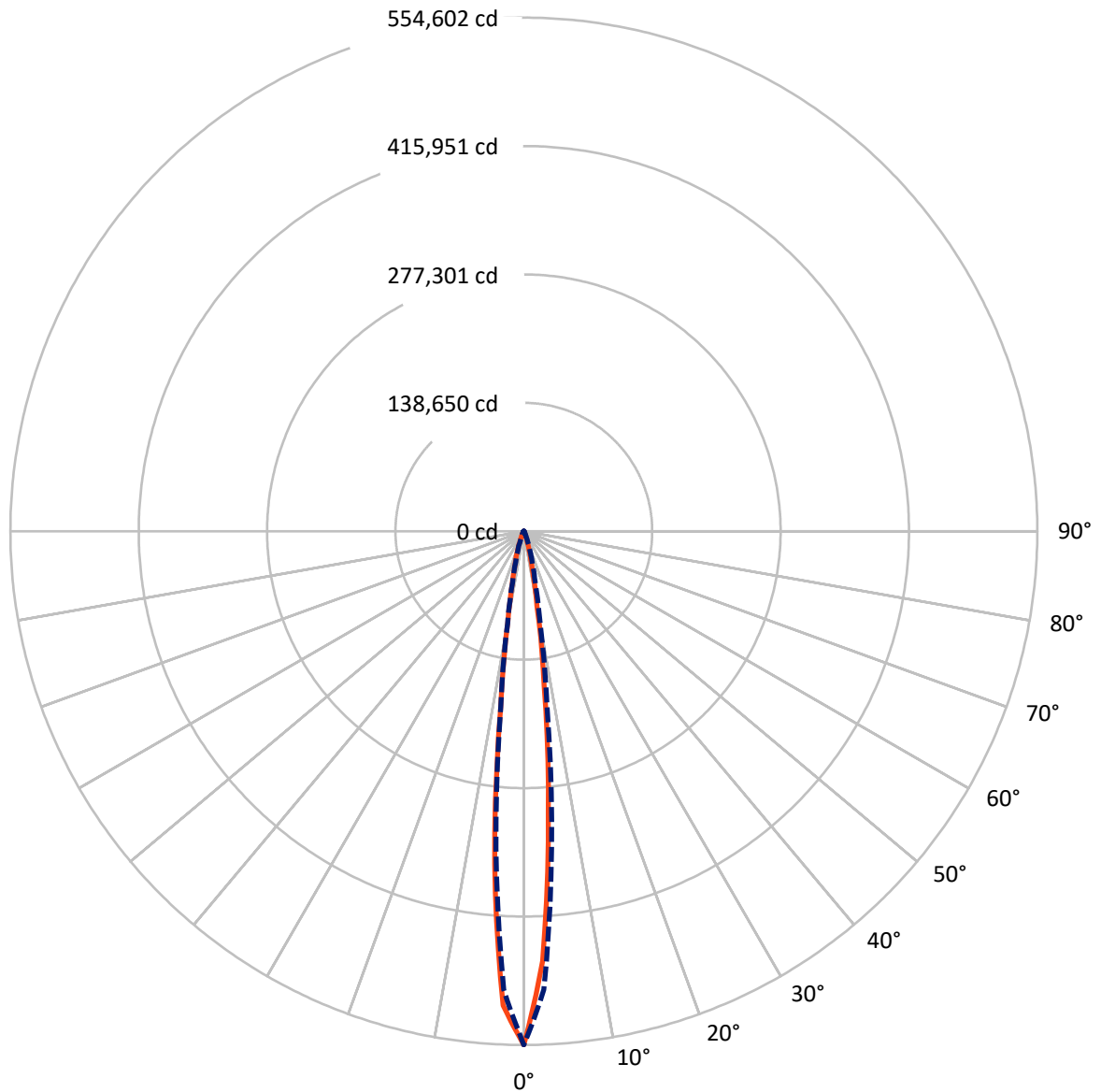
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Lumen Table

90	0.2	2.3		2.0		0.9		0.1		0.9		2.0		2.3		0.2			
80	0.2	2.3		2.0		0.9		0.1		0.9		2.0		2.3		0.2			
70	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.3	0.3	0.3	0.4	0.4	0.4	0.3			
60		0.3	0.4	1.1	2.0	3.0	3.8	4.3	4.3	3.8	3.0	2.0	1.1	0.4	0.3				
50	0.2	0.3	1.2	3.2	5.5	7.8	10.3	12.1	12.1	10.3	7.8	5.5	3.2	1.2	0.3	0.2			
40		0.6	2.7	5.8	9.9	15.6	23.5	28.2	28.2	23.5	15.6	9.9	5.8	2.7	0.6				
30	0.4	1.2	4.1	8.5	15.6	26.8	51.7	83.4	83.4	51.7	26.8	15.6	8.5	4.1	1.2	0.4			
20		1.7	5.5	11.6	23.6	58.4	305.2	772.1	772.1	305.2	58.4	23.6	11.6	5.5	1.7				
10	0.6	2.2	6.6	13.7	28.8	118.7	983.0	6057.4	6057.4	983.0	118.7	28.8	13.7	6.6	2.2	0.6			
0		2.5	7.2	14.5	30.0	135.2	1081.7	6670.8	6670.8	1081.7	135.2	30.0	14.5	7.2	2.5				
-10	0.8	2.7	7.5	14.4	28.1	81.1	485.5	1169.9	1169.9	485.5	81.1	28.1	14.4	7.5	2.7	0.8			
-20		2.6	7.4	13.7	23.8	41.3	100.3	188.5	188.5	100.3	41.3	23.8	13.7	7.4	2.6				
-30	0.8	2.4	6.9	12.7	19.8	29.3	41.4	48.6	48.6	41.4	29.3	19.8	12.7	6.9	2.4	0.8			
-40		2.1	6.0	11.3	17.2	22.8	28.8	32.0	32.0	28.8	22.8	17.2	11.3	6.0	2.1				
-50	0.7	1.7	4.7	9.6	15.1	19.9	24.4	26.6	26.6	24.4	19.9	15.1	9.6	4.7	1.7	0.7			
-60		1.3	3.5	7.0	11.5	15.9	20.0	22.2	22.2	20.0	15.9	11.5	7.0	3.5	1.3				
-70	0.4	1.7	4.7	9.6	15.1	19.9	24.4	26.6	26.6	24.4	19.9	15.1	9.6	4.7	1.7	0.4			
-80		1.3	3.5	7.0	11.5	15.9	20.0	22.2	22.2	20.0	15.9	11.5	7.0	3.5	1.3				
-90	0.4	5.3		14.5		26.8		32.3		26.8		14.5		5.3		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P724237
CATALOG NUMBER: IFLD-L-SA7E-827-U-22-VI

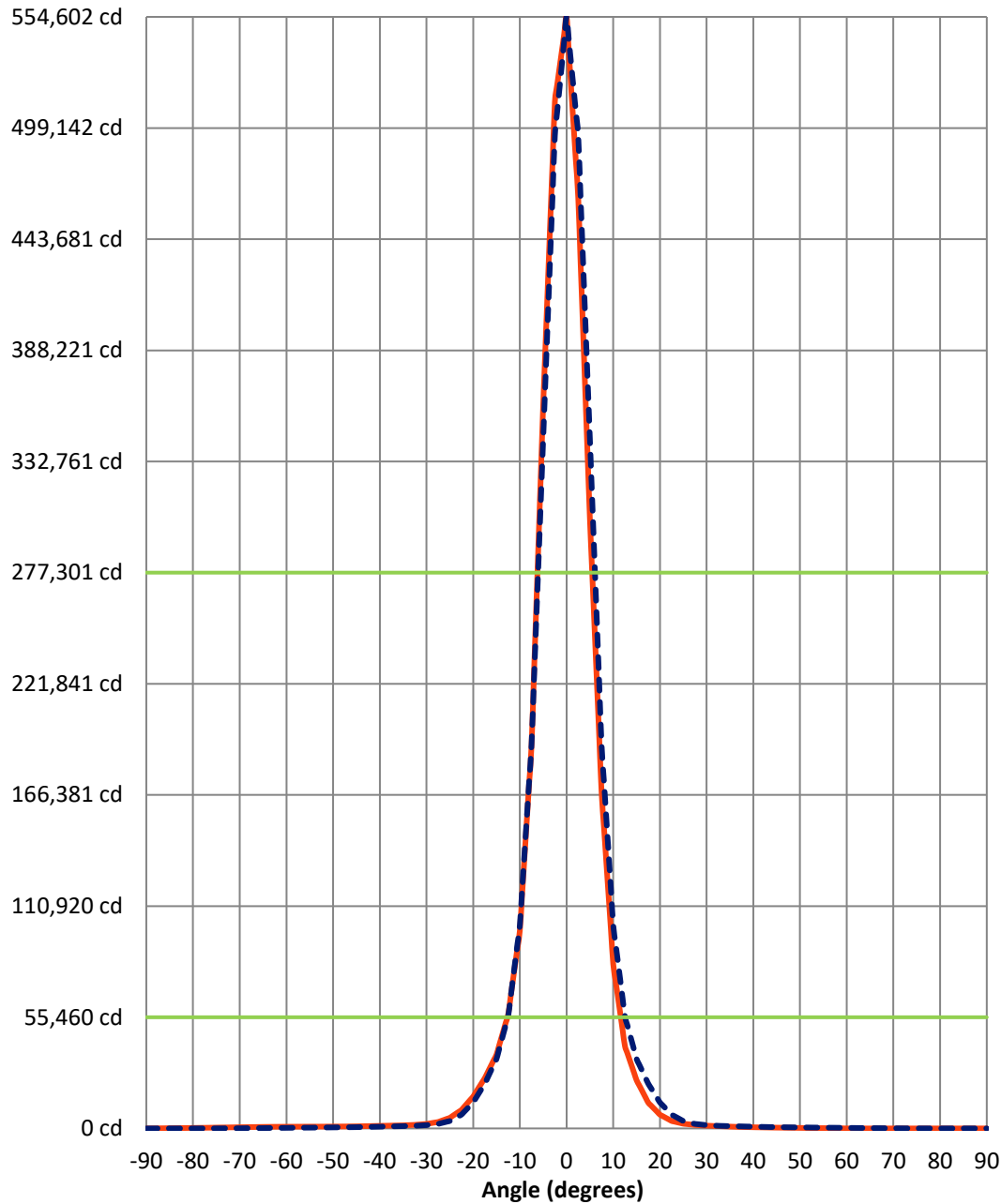
Luminous Intensity Polar Plot



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

REPORT NUMBER: P724237
CATALOG NUMBER: IFLD-L-SA7E-827-U-22-VI

Luminous Intensity Plot



Beam:
H Angle: 12.2°
V Angle: 11.7°
Lumens: 12119.4
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 27576
Efficiency: 71.2%

Spill:
Lumens: 11163.2
Efficiency: 28.8%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-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	0.0	0.0	0.0	0.0	0.0	6.9	6.9
85°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9	13.9	13.9
82.5°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	13.9	13.9	13.9
80°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	13.9	13.9	13.9
77.5°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9	6.9	13.9
75°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9
72.5°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9
70°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9
67.5°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9
65°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9
62.5°	0.0	0.0	0.0	0.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9
60°	13.9	13.9	13.9	13.9	20.8	20.8	27.8	27.8	27.8	13.9	27.8
57.5°	111.0	111.0	104.1	97.2	90.2	83.3	83.3	83.3	83.3	83.3	69.4
55°	152.7	152.7	152.7	145.7	145.7	138.8	131.9	124.9	124.9	118.0	111.0
52.5°	180.4	180.4	180.4	180.4	173.5	173.5	173.5	166.6	152.7	152.7	145.7
50°	256.8	249.8	249.8	249.8	249.8	236.0	229.0	215.1	208.2	201.3	194.3
47.5°	333.1	333.1	326.2	326.2	319.3	305.4	291.5	277.6	263.7	256.8	242.9
45°	395.6	395.6	388.7	388.7	381.7	367.8	347.0	326.2	312.3	298.4	284.5
42.5°	485.8	478.9	471.9	465.0	451.1	430.3	402.5	374.8	354.0	333.1	319.3
40°	583.0	583.0	576.0	569.1	548.3	527.5	492.8	458.1	423.4	381.7	360.9
37.5°	701.0	707.9	714.8	714.8	701.0	673.2	624.6	583.0	527.5	471.9	444.2
35°	916.1	916.1	930.0	930.0	909.2	874.5	839.8	749.5	680.1	610.7	548.3
32.5°	1152.1	1159.0	1131.3	1110.4	1082.7	1041.0	978.6	902.2	825.9	735.7	666.3
30°	1381.1	1381.1	1346.4	1304.8	1249.2	1179.8	1103.5	1020.2	930.0	839.8	756.5
27.5°	1742.0	1707.3	1679.5	1610.1	1513.0	1381.1	1283.9	1152.1	1034.1	930.0	839.8
25°	2338.9	2331.9	2269.5	2151.5	1957.1	1748.9	1589.3	1367.2	1186.8	1027.2	923.1
22.5°	3720.0	3671.4	3525.6	3234.2	2776.1	2415.2	2089.0	1742.0	1415.8	1200.7	1034.1
20°	6877.8	6718.2	6329.5	5524.4	4497.3	3789.4	2977.4	2394.4	1846.1	1443.6	1193.7
17.5°	12832.5	12728.4	12582.7	10722.7	8633.7	7134.6	5309.3	3671.4	2623.4	1887.7	1415.8
15°	24054.9	23284.5	21674.4	19446.6	16524.7	12770.0	9390.1	5927.0	3747.7	2512.4	1797.5
12.5°	41120.9	40267.3	36110.1	30537.1	25283.3	19939.3	13998.5	9008.4	5337.0	3192.5	2130.7
10°	81936.5	75738.9	64100.1	47839.1	37338.5	27844.3	19654.8	12291.2	6947.2	4032.3	2526.2
7.5°	167822.0	147570.4	113715.9	80277.8	51961.6	36519.6	25102.9	16073.6	9258.3	5045.6	2887.1
5°	304170.0	268240.4	202086.0	121683.3	75454.3	45770.9	29787.5	19113.4	10958.6	5871.4	3248.0
2.5°	464448.0	417969.2	292163.4	167322.3	93040.9	52933.2	33063.3	21112.2	12041.3	6433.6	3525.6
0°	554601.8	495401.5	344069.5	191564.6	101417.8	55973.1	34666.5	22312.9	12957.4	6891.7	3706.1
-2.5°	512314.9	464656.2	316204.4	177947.8	96913.6	54640.5	34895.5	22611.3	13110.1	7016.6	3789.4
-5°	361080.0	321964.8	218791.2	131316.3	82228.0	50330.6	32924.5	21487.0	12686.8	6836.1	3754.7
-7.5°	191030.2	173332.6	129754.8	94359.5	60019.2	42599.2	29641.8	19495.1	11590.2	6350.3	3546.5
-10°	98697.2	95067.5	81922.6	61754.3	48567.8	35686.7	25297.2	16670.5	9688.6	5468.9	3192.5
-12.5°	56903.1	56285.4	52058.8	44688.2	37241.3	29315.6	20758.3	13595.9	8085.4	4532.0	2692.8
-15°	36845.8	37109.5	35638.1	32570.6	28330.1	21938.1	15948.7	10111.9	5982.5	3671.4	2373.6
-17.5°	25144.5	25075.1	24388.0	22285.1	18870.5	14817.4	10570.0	7141.5	4532.0	2859.4	1971.0
-20°	15907.0	15934.8	15296.3	13845.8	11333.4	9133.4	6579.4	4816.5	3213.3	2248.6	1742.0



REPORT NUMBER: P724237
 CATALOG NUMBER: IFLD-L-SA7E-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	9230.5	9251.3	8848.8	8029.9	6711.2	5413.4	4275.2	3185.6	2366.6	1873.9	1526.9
-25°	5302.3	5219.1	5059.4	4663.8	4046.2	3338.3	2838.6	2241.7	1894.7	1589.3	1395.0
-27.5°	3213.3	3157.8	3074.5	2901.0	2658.1	2304.2	2075.1	1811.4	1610.1	1429.7	1311.7
-30°	2241.7	2262.5	2193.1	2102.9	1991.8	1832.2	1707.3	1582.4	1450.5	1339.5	1228.4
-32.5°	1783.6	1797.5	1762.8	1728.1	1672.6	1610.1	1533.8	1443.6	1339.5	1235.4	1131.3
-35°	1533.8	1540.7	1540.7	1533.8	1519.9	1471.3	1415.8	1332.5	1235.4	1138.2	1048.0
-37.5°	1408.9	1415.8	1415.8	1408.9	1388.0	1346.4	1290.9	1221.5	1131.3	1041.0	971.6
-40°	1277.0	1283.9	1277.0	1263.1	1242.3	1200.7	1159.0	1103.5	1034.1	957.8	895.3
-42.5°	1152.1	1145.1	1138.2	1124.3	1103.5	1075.7	1041.0	999.4	950.8	895.3	846.7
-45°	1034.1	1034.1	1027.2	1020.2	1006.3	985.5	964.7	930.0	895.3	853.6	812.0
-47.5°	971.6	971.6	964.7	957.8	950.8	936.9	916.1	888.4	860.6	825.9	791.2
-50°	930.0	930.0	930.0	923.1	916.1	902.2	881.4	860.6	832.8	798.1	763.4
-52.5°	902.2	902.2	902.2	895.3	888.4	881.4	860.6	832.8	798.1	770.4	742.6
-55°	888.4	881.4	881.4	874.5	867.5	860.6	832.8	805.1	777.3	749.5	721.8
-57.5°	867.5	860.6	860.6	853.6	846.7	839.8	812.0	784.2	756.5	721.8	701.0
-60°	846.7	839.8	839.8	825.9	818.9	812.0	784.2	756.5	728.7	701.0	673.2
-62.5°	818.9	812.0	805.1	798.1	784.2	770.4	749.5	721.8	687.1	659.3	631.6
-65°	756.5	749.5	742.6	735.7	728.7	721.8	701.0	666.3	638.5	610.7	583.0
-67.5°	680.1	680.1	680.1	666.3	659.3	645.4	631.6	603.8	576.0	548.3	527.5
-70°	589.9	589.9	589.9	576.0	569.1	562.2	541.3	520.5	499.7	478.9	451.1
-72.5°	499.7	492.8	492.8	485.8	471.9	465.0	451.1	437.2	416.4	402.5	381.7
-75°	409.5	402.5	402.5	395.6	388.7	381.7	367.8	360.9	347.0	333.1	312.3
-77.5°	326.2	326.2	326.2	319.3	312.3	305.4	298.4	291.5	284.5	270.7	256.8
-80°	249.8	249.8	249.8	249.8	249.8	249.8	249.8	242.9	229.0	222.1	215.1
-82.5°	180.4	187.4	187.4	187.4	187.4	187.4	187.4	187.4	180.4	173.5	166.6
-85°	118.0	124.9	124.9	131.9	138.8	138.8	145.7	138.8	131.9	118.0	111.0
-87.5°	62.5	62.5	62.5	62.5	62.5	62.5	62.5	55.5	55.5	55.5	48.6
-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: P724237
 CATALOG NUMBER: IFLD-L-SA7E-827-U-22-VI

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°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	13.9	13.9	13.9
85°	13.9	13.9	13.9	13.9	20.8	20.8	20.8	27.8	27.8	27.8	27.8
82.5°	13.9	20.8	20.8	20.8	27.8	27.8	34.7	41.6	55.5	62.5	62.5
80°	13.9	20.8	20.8	20.8	27.8	27.8	34.7	34.7	41.6	48.6	62.5
77.5°	13.9	13.9	20.8	20.8	20.8	27.8	27.8	34.7	34.7	41.6	48.6
75°	6.9	13.9	13.9	13.9	20.8	20.8	27.8	27.8	34.7	34.7	41.6
72.5°	6.9	13.9	13.9	13.9	20.8	20.8	27.8	27.8	27.8	34.7	34.7
70°	6.9	13.9	13.9	13.9	13.9	20.8	20.8	20.8	27.8	27.8	27.8
67.5°	6.9	6.9	6.9	13.9	13.9	13.9	13.9	20.8	20.8	20.8	27.8
65°	6.9	6.9	6.9	6.9	13.9	13.9	13.9	13.9	20.8	20.8	20.8
62.5°	6.9	6.9	6.9	13.9	13.9	13.9	13.9	13.9	20.8	20.8	20.8
60°	27.8	27.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
57.5°	62.5	62.5	55.5	48.6	41.6	41.6	34.7	27.8	27.8	20.8	20.8
55°	104.1	97.2	90.2	76.3	69.4	62.5	55.5	41.6	34.7	27.8	20.8
52.5°	131.9	124.9	118.0	111.0	97.2	83.3	76.3	69.4	55.5	41.6	34.7
50°	194.3	173.5	159.6	145.7	131.9	118.0	104.1	97.2	76.3	62.5	48.6
47.5°	236.0	222.1	201.3	187.4	173.5	152.7	131.9	118.0	104.1	83.3	62.5
45°	270.7	256.8	236.0	222.1	208.2	187.4	166.6	145.7	131.9	111.0	83.3
42.5°	305.4	291.5	270.7	256.8	236.0	215.1	194.3	173.5	152.7	138.8	111.0
40°	354.0	333.1	305.4	291.5	277.6	249.8	222.1	201.3	180.4	159.6	131.9
37.5°	416.4	395.6	360.9	333.1	312.3	291.5	263.7	236.0	215.1	187.4	159.6
35°	513.6	478.9	430.3	388.7	360.9	333.1	298.4	270.7	242.9	215.1	187.4
32.5°	610.7	555.2	492.8	444.2	402.5	367.8	333.1	305.4	270.7	236.0	208.2
30°	687.1	624.6	562.2	492.8	444.2	402.5	367.8	333.1	298.4	263.7	229.0
27.5°	763.4	694.0	624.6	555.2	485.8	430.3	395.6	360.9	326.2	291.5	249.8
25°	839.8	763.4	694.0	617.7	534.4	471.9	423.4	395.6	360.9	319.3	270.7
22.5°	909.2	839.8	770.4	687.1	589.9	506.6	458.1	423.4	388.7	340.1	298.4
20°	1041.0	950.8	867.5	763.4	652.4	569.1	506.6	458.1	416.4	367.8	319.3
17.5°	1214.5	1082.7	971.6	853.6	742.6	638.5	548.3	492.8	451.1	395.6	340.1
15°	1436.6	1207.6	1068.8	950.8	818.9	701.0	603.8	527.5	471.9	416.4	367.8
12.5°	1603.2	1304.8	1152.1	1041.0	902.2	770.4	645.4	555.2	492.8	437.2	381.7
10°	1790.6	1408.9	1221.5	1096.6	950.8	805.1	673.2	576.0	506.6	458.1	402.5
7.5°	1943.3	1492.2	1256.2	1117.4	978.6	832.8	701.0	596.9	527.5	471.9	416.4
5°	2082.1	1561.6	1283.9	1124.3	992.5	853.6	714.8	610.7	541.3	485.8	430.3
2.5°	2179.2	1624.0	1311.7	1138.2	1006.3	867.5	735.7	624.6	555.2	499.7	444.2
0°	2262.5	1644.8	1304.8	1138.2	1013.3	867.5	742.6	631.6	562.2	506.6	451.1
-2.5°	2290.3	1679.5	1339.5	1152.1	1027.2	881.4	756.5	638.5	569.1	513.6	465.0
-5°	2290.3	1651.8	1339.5	1166.0	1034.1	888.4	756.5	645.4	576.0	520.5	465.0
-7.5°	2207.0	1610.1	1332.5	1179.8	1041.0	895.3	756.5	652.4	583.0	527.5	471.9
-10°	2061.3	1547.7	1325.6	1186.8	1041.0	888.4	756.5	652.4	583.0	527.5	478.9
-12.5°	1825.3	1464.4	1290.9	1172.9	1027.2	874.5	749.5	652.4	583.0	534.4	478.9
-15°	1707.3	1395.0	1249.2	1131.3	992.5	853.6	735.7	645.4	583.0	534.4	485.8
-17.5°	1547.7	1339.5	1207.6	1089.6	964.7	832.8	721.8	645.4	583.0	527.5	485.8
-20°	1436.6	1277.0	1159.0	1054.9	930.0	812.0	714.8	638.5	583.0	527.5	485.8



REPORT NUMBER: P724237
 CATALOG NUMBER: IFLD-L-SA7E-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1339.5	1207.6	1103.5	999.4	888.4	784.2	701.0	631.6	576.0	527.5	485.8
-25°	1263.1	1145.1	1048.0	950.8	853.6	763.4	687.1	624.6	569.1	527.5	478.9
-27.5°	1193.7	1082.7	992.5	902.2	812.0	742.6	673.2	617.7	569.1	520.5	471.9
-30°	1117.4	1027.2	936.9	853.6	791.2	721.8	659.3	603.8	562.2	513.6	465.0
-32.5°	1041.0	957.8	881.4	818.9	763.4	707.9	652.4	596.9	548.3	499.7	451.1
-35°	971.6	895.3	839.8	784.2	742.6	694.0	638.5	583.0	541.3	492.8	451.1
-37.5°	902.2	846.7	798.1	756.5	714.8	673.2	617.7	569.1	527.5	478.9	430.3
-40°	846.7	805.1	770.4	735.7	694.0	645.4	603.8	555.2	513.6	465.0	409.5
-42.5°	812.0	777.3	742.6	707.9	673.2	631.6	589.9	541.3	499.7	451.1	395.6
-45°	777.3	749.5	721.8	694.0	659.3	617.7	569.1	520.5	478.9	430.3	388.7
-47.5°	756.5	728.7	701.0	680.1	652.4	596.9	555.2	506.6	458.1	416.4	367.8
-50°	735.7	707.9	687.1	659.3	624.6	576.0	534.4	485.8	444.2	395.6	354.0
-52.5°	714.8	687.1	659.3	631.6	596.9	555.2	513.6	471.9	423.4	374.8	333.1
-55°	694.0	666.3	638.5	610.7	576.0	541.3	499.7	444.2	395.6	347.0	305.4
-57.5°	673.2	652.4	617.7	583.0	548.3	513.6	465.0	416.4	367.8	319.3	284.5
-60°	645.4	617.7	589.9	548.3	513.6	471.9	430.3	388.7	340.1	298.4	263.7
-62.5°	603.8	576.0	548.3	506.6	471.9	437.2	402.5	354.0	319.3	277.6	242.9
-65°	555.2	527.5	499.7	465.0	430.3	395.6	367.8	326.2	291.5	256.8	229.0
-67.5°	499.7	471.9	451.1	416.4	388.7	354.0	326.2	291.5	256.8	229.0	201.3
-70°	430.3	409.5	388.7	360.9	333.1	305.4	277.6	249.8	222.1	201.3	173.5
-72.5°	367.8	347.0	326.2	305.4	284.5	256.8	236.0	215.1	194.3	173.5	159.6
-75°	298.4	284.5	270.7	256.8	236.0	215.1	201.3	180.4	166.6	152.7	145.7
-77.5°	249.8	236.0	222.1	208.2	194.3	180.4	166.6	152.7	145.7	138.8	131.9
-80°	201.3	194.3	187.4	173.5	166.6	152.7	145.7	131.9	131.9	131.9	131.9
-82.5°	159.6	152.7	145.7	138.8	131.9	124.9	124.9	118.0	124.9	124.9	118.0
-85°	111.0	104.1	97.2	97.2	90.2	90.2	83.3	83.3	83.3	76.3	76.3
-87.5°	48.6	48.6	48.6	48.6	41.6	41.6	41.6	41.6	41.6	34.7	34.7
-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: P724237
 CATALOG NUMBER: IFLD-L-SA7E-827-U-22-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°	13.9	13.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	0.0	0.0
85°	27.8	27.8	20.8	20.8	20.8	13.9	13.9	6.9	6.9	6.9	6.9
82.5°	62.5	55.5	48.6	41.6	34.7	27.8	20.8	13.9	13.9	6.9	6.9
80°	76.3	76.3	76.3	69.4	55.5	41.6	27.8	20.8	13.9	6.9	6.9
77.5°	55.5	55.5	62.5	69.4	69.4	55.5	34.7	20.8	13.9	13.9	6.9
75°	41.6	41.6	41.6	48.6	55.5	55.5	41.6	27.8	13.9	13.9	6.9
72.5°	41.6	41.6	41.6	41.6	41.6	41.6	41.6	27.8	20.8	13.9	13.9
70°	34.7	34.7	34.7	34.7	34.7	34.7	34.7	27.8	20.8	13.9	13.9
67.5°	27.8	27.8	34.7	34.7	34.7	27.8	27.8	27.8	20.8	13.9	13.9
65°	20.8	27.8	27.8	34.7	27.8	27.8	27.8	20.8	20.8	13.9	13.9
62.5°	20.8	20.8	27.8	27.8	27.8	27.8	20.8	20.8	20.8	13.9	13.9
60°	20.8	20.8	20.8	27.8	20.8	20.8	20.8	20.8	20.8	13.9	13.9
57.5°	20.8	20.8	20.8	20.8	20.8	20.8	20.8	13.9	13.9	13.9	13.9
55°	20.8	20.8	20.8	20.8	20.8	20.8	13.9	13.9	13.9	13.9	13.9
52.5°	27.8	20.8	20.8	20.8	20.8	20.8	13.9	13.9	13.9	13.9	13.9
50°	34.7	20.8	20.8	20.8	20.8	13.9	13.9	13.9	13.9	13.9	13.9
47.5°	48.6	34.7	27.8	20.8	20.8	13.9	13.9	13.9	13.9	13.9	6.9
45°	69.4	48.6	34.7	27.8	20.8	13.9	13.9	13.9	13.9	13.9	6.9
42.5°	83.3	62.5	41.6	34.7	27.8	20.8	13.9	13.9	13.9	6.9	6.9
40°	104.1	83.3	55.5	41.6	27.8	20.8	13.9	13.9	13.9	6.9	6.9
37.5°	131.9	104.1	69.4	48.6	34.7	20.8	20.8	13.9	13.9	6.9	6.9
35°	152.7	118.0	90.2	55.5	41.6	27.8	20.8	13.9	13.9	6.9	6.9
32.5°	173.5	138.8	111.0	69.4	48.6	34.7	27.8	13.9	13.9	6.9	6.9
30°	194.3	159.6	124.9	90.2	62.5	41.6	27.8	13.9	13.9	6.9	6.9
27.5°	215.1	173.5	138.8	104.1	69.4	48.6	34.7	20.8	13.9	6.9	6.9
25°	236.0	194.3	152.7	118.0	76.3	55.5	34.7	20.8	13.9	13.9	6.9
22.5°	249.8	215.1	173.5	131.9	90.2	62.5	41.6	27.8	13.9	13.9	6.9
20°	270.7	236.0	187.4	145.7	104.1	69.4	41.6	27.8	13.9	13.9	6.9
17.5°	291.5	249.8	201.3	159.6	118.0	76.3	48.6	34.7	13.9	13.9	6.9
15°	312.3	263.7	215.1	166.6	124.9	83.3	48.6	34.7	13.9	13.9	6.9
12.5°	333.1	284.5	229.0	180.4	131.9	90.2	55.5	41.6	20.8	13.9	6.9
10°	347.0	298.4	242.9	187.4	138.8	104.1	62.5	41.6	20.8	13.9	6.9
7.5°	367.8	312.3	256.8	201.3	145.7	111.0	69.4	41.6	20.8	13.9	6.9
5°	374.8	326.2	263.7	215.1	152.7	118.0	76.3	48.6	20.8	13.9	6.9
2.5°	381.7	340.1	270.7	222.1	159.6	118.0	76.3	48.6	27.8	13.9	6.9
0°	388.7	347.0	277.6	229.0	166.6	124.9	83.3	48.6	27.8	13.9	6.9
-2.5°	395.6	354.0	291.5	236.0	173.5	131.9	90.2	48.6	27.8	13.9	6.9
-5°	402.5	354.0	305.4	242.9	180.4	131.9	90.2	55.5	34.7	13.9	6.9
-7.5°	409.5	360.9	312.3	249.8	187.4	131.9	97.2	55.5	34.7	20.8	6.9
-10°	416.4	367.8	319.3	256.8	187.4	138.8	97.2	55.5	34.7	20.8	6.9
-12.5°	423.4	374.8	319.3	256.8	194.3	138.8	97.2	62.5	34.7	20.8	6.9
-15°	430.3	374.8	319.3	256.8	194.3	145.7	104.1	62.5	34.7	20.8	13.9
-17.5°	430.3	374.8	319.3	263.7	194.3	145.7	104.1	62.5	34.7	20.8	13.9
-20°	430.3	374.8	319.3	263.7	194.3	145.7	104.1	62.5	34.7	20.8	13.9



REPORT NUMBER: P724237

CATALOG NUMBER: IFLD-L-SA7E-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	423.4	367.8	319.3	256.8	194.3	145.7	104.1	62.5	41.6	20.8	13.9
-25°	423.4	367.8	319.3	256.8	194.3	145.7	97.2	62.5	41.6	20.8	13.9
-27.5°	416.4	367.8	312.3	249.8	187.4	138.8	97.2	62.5	41.6	20.8	13.9
-30°	409.5	360.9	305.4	242.9	187.4	138.8	97.2	62.5	41.6	20.8	13.9
-32.5°	402.5	347.0	298.4	236.0	180.4	131.9	97.2	62.5	41.6	20.8	13.9
-35°	388.7	340.1	284.5	229.0	173.5	131.9	90.2	62.5	41.6	27.8	13.9
-37.5°	374.8	326.2	277.6	222.1	166.6	124.9	90.2	62.5	41.6	27.8	13.9
-40°	360.9	319.3	263.7	208.2	159.6	118.0	90.2	62.5	41.6	27.8	20.8
-42.5°	347.0	305.4	256.8	201.3	159.6	118.0	83.3	62.5	41.6	27.8	20.8
-45°	340.1	298.4	242.9	194.3	152.7	118.0	83.3	55.5	41.6	27.8	20.8
-47.5°	326.2	277.6	229.0	187.4	145.7	111.0	76.3	55.5	41.6	27.8	20.8
-50°	305.4	263.7	222.1	180.4	138.8	104.1	76.3	55.5	41.6	27.8	20.8
-52.5°	284.5	242.9	208.2	166.6	131.9	104.1	76.3	55.5	41.6	27.8	20.8
-55°	263.7	229.0	194.3	159.6	124.9	97.2	69.4	55.5	41.6	27.8	20.8
-57.5°	249.8	215.1	180.4	145.7	118.0	90.2	69.4	48.6	34.7	27.8	20.8
-60°	236.0	201.3	166.6	138.8	111.0	90.2	69.4	48.6	34.7	27.8	13.9
-62.5°	215.1	187.4	152.7	131.9	104.1	83.3	62.5	48.6	34.7	27.8	13.9
-65°	194.3	166.6	138.8	118.0	97.2	76.3	62.5	48.6	34.7	27.8	13.9
-67.5°	173.5	152.7	131.9	111.0	90.2	76.3	62.5	48.6	34.7	20.8	13.9
-70°	159.6	138.8	118.0	104.1	90.2	69.4	62.5	48.6	34.7	20.8	13.9
-72.5°	138.8	124.9	111.0	97.2	83.3	76.3	62.5	48.6	27.8	20.8	13.9
-75°	131.9	118.0	104.1	97.2	90.2	76.3	62.5	41.6	27.8	20.8	13.9
-77.5°	131.9	118.0	111.0	104.1	90.2	76.3	55.5	34.7	20.8	20.8	13.9
-80°	131.9	124.9	118.0	97.2	83.3	62.5	41.6	34.7	20.8	13.9	6.9
-82.5°	118.0	97.2	83.3	69.4	62.5	48.6	34.7	27.8	13.9	13.9	6.9
-85°	76.3	62.5	55.5	48.6	41.6	34.7	20.8	13.9	13.9	6.9	6.9
-87.5°	34.7	34.7	27.8	20.8	20.8	13.9	13.9	6.9	6.9	6.9	0.0
-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: P724237
 CATALOG NUMBER: IFLD-L-SA7E-827-U-22-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°	6.9	0.0	0.0	0.0
77.5°	6.9	0.0	0.0	0.0
75°	6.9	6.9	0.0	0.0
72.5°	6.9	6.9	0.0	0.0
70°	6.9	6.9	0.0	0.0
67.5°	6.9	6.9	0.0	0.0
65°	6.9	6.9	0.0	0.0
62.5°	6.9	6.9	0.0	0.0
60°	6.9	6.9	0.0	0.0
57.5°	6.9	6.9	6.9	0.0
55°	6.9	6.9	6.9	0.0
52.5°	6.9	6.9	6.9	0.0
50°	6.9	6.9	6.9	0.0
47.5°	6.9	6.9	6.9	0.0
45°	6.9	6.9	6.9	0.0
42.5°	6.9	6.9	6.9	0.0
40°	6.9	6.9	6.9	0.0
37.5°	6.9	6.9	6.9	0.0
35°	6.9	6.9	6.9	0.0
32.5°	6.9	6.9	6.9	0.0
30°	6.9	6.9	6.9	0.0
27.5°	6.9	6.9	6.9	0.0
25°	6.9	6.9	6.9	0.0
22.5°	6.9	6.9	6.9	0.0
20°	6.9	6.9	6.9	0.0
17.5°	6.9	6.9	6.9	0.0
15°	6.9	6.9	6.9	0.0
12.5°	6.9	6.9	6.9	0.0
10°	6.9	6.9	6.9	0.0
7.5°	6.9	6.9	6.9	0.0
5°	6.9	6.9	6.9	0.0
2.5°	6.9	6.9	6.9	0.0
0°	6.9	6.9	6.9	0.0
-2.5°	6.9	6.9	6.9	0.0
-5°	6.9	6.9	6.9	0.0
-7.5°	6.9	6.9	6.9	0.0
-10°	6.9	6.9	6.9	0.0
-12.5°	6.9	6.9	6.9	0.0
-15°	6.9	6.9	6.9	0.0
-17.5°	6.9	6.9	6.9	0.0
-20°	6.9	6.9	6.9	0.0



REPORT NUMBER: P724237
CATALOG NUMBER: IFLD-L-SA7E-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	6.9	6.9	6.9	0.0
-25°	6.9	6.9	6.9	0.0
-27.5°	6.9	6.9	6.9	0.0
-30°	6.9	6.9	6.9	0.0
-32.5°	6.9	6.9	6.9	0.0
-35°	6.9	6.9	6.9	0.0
-37.5°	6.9	6.9	6.9	0.0
-40°	6.9	6.9	6.9	0.0
-42.5°	6.9	6.9	6.9	0.0
-45°	6.9	6.9	6.9	0.0
-47.5°	6.9	6.9	6.9	0.0
-50°	6.9	6.9	6.9	0.0
-52.5°	6.9	6.9	6.9	0.0
-55°	6.9	6.9	6.9	0.0
-57.5°	6.9	6.9	6.9	0.0
-60°	6.9	6.9	0.0	0.0
-62.5°	6.9	6.9	0.0	0.0
-65°	6.9	6.9	0.0	0.0
-67.5°	6.9	6.9	0.0	0.0
-70°	6.9	6.9	0.0	0.0
-72.5°	6.9	6.9	0.0	0.0
-75°	6.9	6.9	0.0	0.0
-77.5°	6.9	0.0	0.0	0.0
-80°	6.9	0.0	0.0	0.0
-82.5°	6.9	0.0	0.0	0.0
-85°	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)