

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: P724232

Luminaire Tested: **IFLD-M-SA4E-827-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724232
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-827-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (64) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

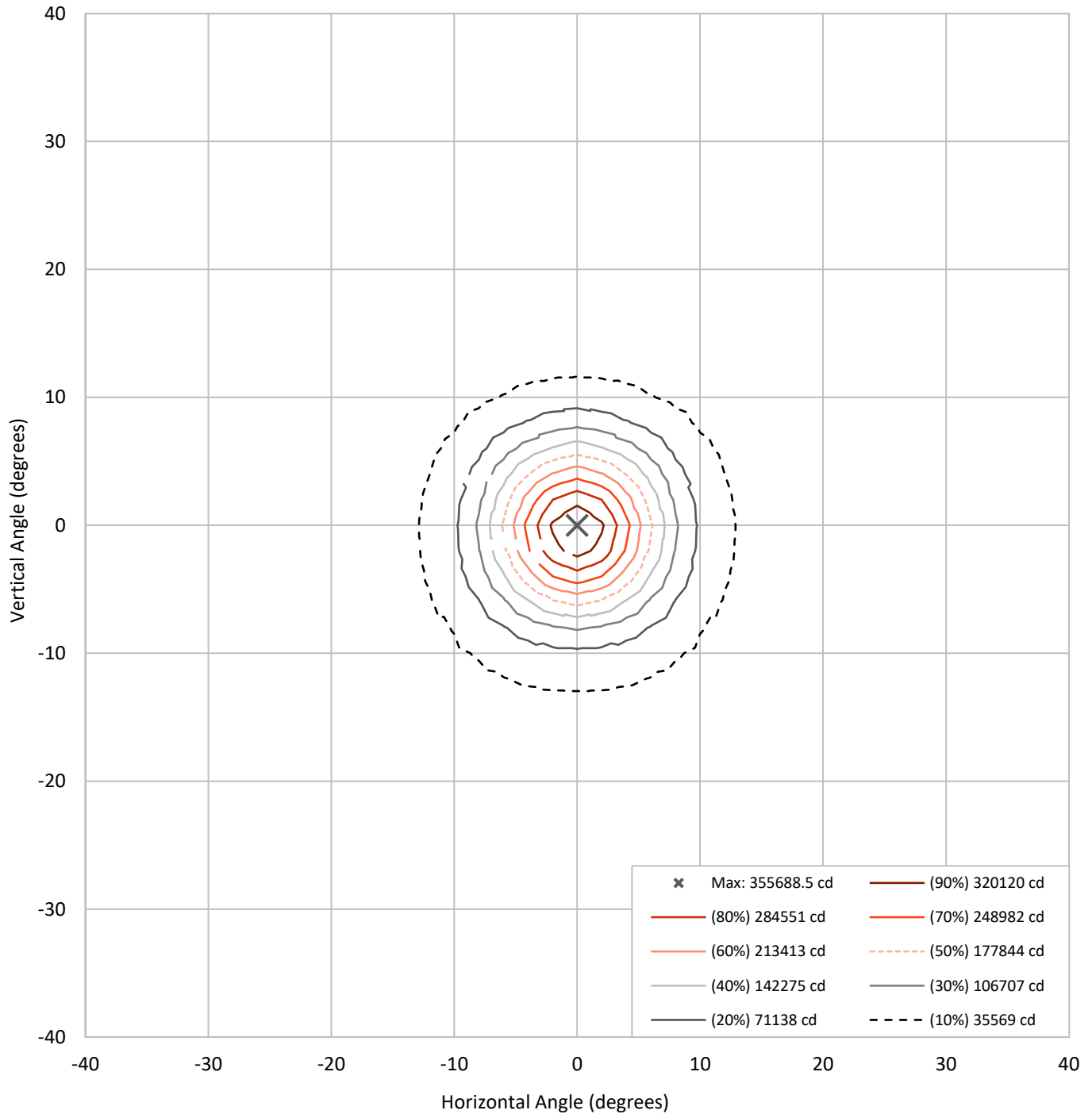
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	24845 lumens	Max Intensity:	355688.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	78.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	7772.7 lumens	Field Lumens:	17685.6 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 314.8
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





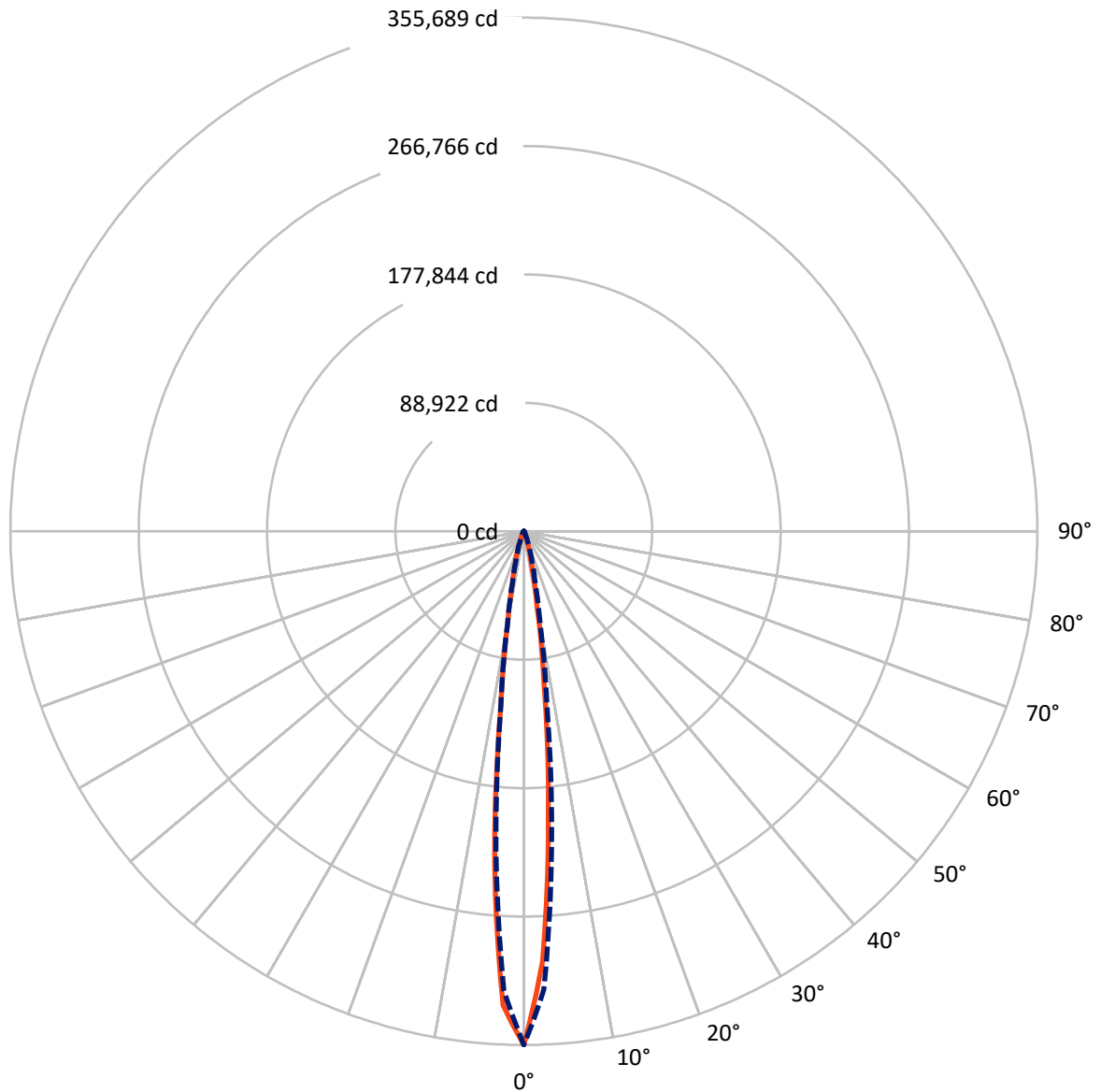
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Lumen Table

90	0.2	1.5	1.3	0.6	0.1	0.6	1.3	1.5	0.2										
80	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.2			
70	0.2	0.2	0.3	0.7	1.3	1.9	2.4	2.7	2.7	2.4	1.9	1.3	0.7	0.3	0.2				
60	0.2	0.2	0.8	2.0	3.5	5.0	6.6	7.8	7.8	6.6	5.0	3.5	2.0	0.8	0.2				
50	0.2	0.4	1.7	3.7	6.3	10.0	15.1	18.1	18.1	15.1	10.0	6.3	3.7	1.7	0.4				
40	0.2	0.7	2.7	5.5	10.0	17.2	33.1	53.5	53.5	33.1	17.2	10.0	5.5	2.7	0.7				
30	0.3	1.1	3.6	7.5	15.1	37.5	195.8	495.2	495.2	195.8	37.5	15.1	7.5	3.6	1.1				
20	0.3	1.4	4.2	8.8	18.4	76.1	630.4	3884.9	3884.9	630.4	76.1	18.4	8.8	4.2	1.4				
10	0.4	1.6	4.6	9.3	19.2	86.7	693.7	4278.3	4278.3	693.7	86.7	19.2	9.3	4.6	1.6				
0	0.4	1.7	4.8	9.2	18.0	52.0	311.4	750.3	750.3	311.4	52.0	18.0	9.2	4.8	1.7				
-10	0.5	1.7	4.8	8.8	15.3	26.5	64.3	120.9	120.9	64.3	26.5	15.3	8.8	4.8	1.7				
-20	0.5	1.5	4.4	8.1	12.7	18.8	26.6	31.2	31.2	26.6	18.8	12.7	8.1	4.4	1.5				
-30	0.5	1.3	3.8	7.3	11.1	14.6	18.5	20.5	20.5	18.5	14.6	11.1	7.3	3.8	1.3				
-40	0.4	1.1	3.0	6.1	9.7	12.8	15.7	17.1	17.1	15.7	12.8	9.7	6.1	3.0	1.1				
-50	0.4	0.8	2.2	4.5	7.4	10.2	12.8	14.2	14.2	12.8	10.2	7.4	4.5	2.2	0.8				
-60	0.4	0.8	2.2	4.5	7.4	10.2	12.8	14.2	14.2	12.8	10.2	7.4	4.5	2.2	0.8				
-70	0.4	0.8	2.2	4.5	7.4	10.2	12.8	14.2	14.2	12.8	10.2	7.4	4.5	2.2	0.8				
-80	0.2	3.4	9.3	17.2	20.7	17.2	9.3	3.4	0.2										
-90	0.2	3.4	9.3	17.2	20.7	17.2	9.3	3.4	0.2										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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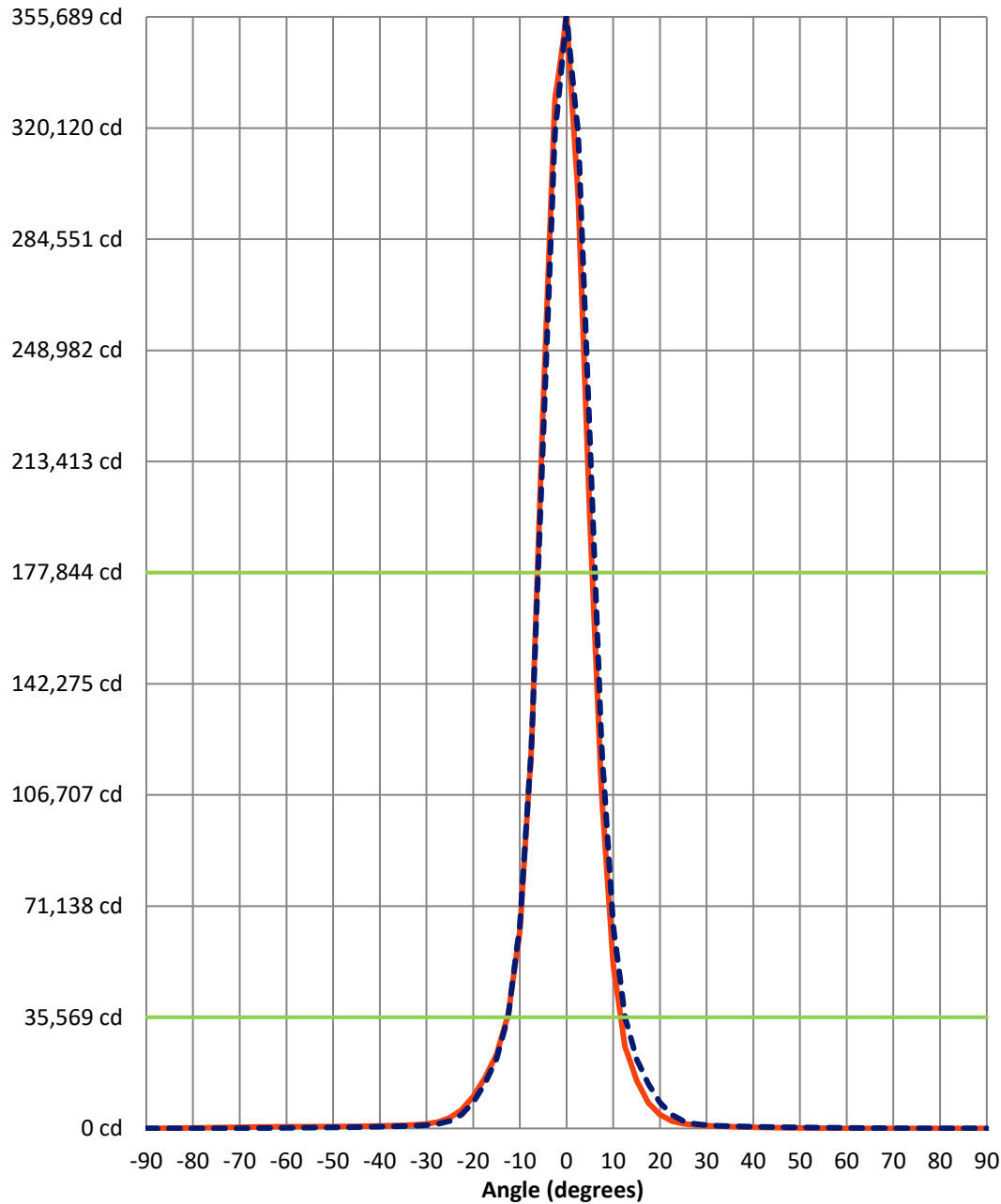
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.2°
V Angle: 11.7°
Lumens: 7772.7
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 17685.6
Efficiency: 71.2%

Spill:
Lumens: 7159.5
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	4.5	4.5
85°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	8.9	8.9
82.5°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	8.9	8.9	8.9
80°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	8.9	8.9	8.9
77.5°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5	8.9
75°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
72.5°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
70°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
67.5°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
65°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
62.5°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
60°	8.9	8.9	8.9	8.9	13.4	13.4	17.8	17.8	17.8	8.9	17.8
57.5°	71.2	71.2	66.8	62.3	57.9	53.4	53.4	53.4	53.4	53.4	44.5
55°	97.9	97.9	97.9	93.5	93.5	89.0	84.6	80.1	80.1	75.7	71.2
52.5°	115.7	115.7	115.7	115.7	111.3	111.3	111.3	106.8	97.9	97.9	93.5
50°	164.7	160.2	160.2	160.2	160.2	151.3	146.9	138.0	133.5	129.1	124.6
47.5°	213.7	213.7	209.2	209.2	204.7	195.8	186.9	178.0	169.1	164.7	155.8
45°	253.7	253.7	249.3	249.3	244.8	235.9	222.6	209.2	200.3	191.4	182.5
42.5°	311.6	307.1	302.7	298.2	289.3	276.0	258.2	240.4	227.0	213.7	204.7
40°	373.9	373.9	369.4	365.0	351.6	338.3	316.0	293.8	271.5	244.8	231.5
37.5°	449.6	454.0	458.5	458.5	449.6	431.8	400.6	373.9	338.3	302.7	284.9
35°	587.5	587.5	596.4	596.4	583.1	560.8	538.6	480.7	436.2	391.7	351.6
32.5°	738.9	743.3	725.5	712.2	694.4	667.7	627.6	578.6	529.7	471.8	427.3
30°	885.8	885.8	863.5	836.8	801.2	756.7	707.7	654.3	596.4	538.6	485.2
27.5°	1117.2	1095.0	1077.2	1032.6	970.3	885.8	823.4	738.9	663.2	596.4	538.6
25°	1500.0	1495.6	1455.5	1379.8	1255.2	1121.7	1019.3	876.9	761.1	658.8	592.0
22.5°	2385.8	2354.6	2261.1	2074.2	1780.4	1549.0	1339.8	1117.2	908.0	770.0	663.2
20°	4411.0	4308.6	4059.4	3543.0	2884.3	2430.3	1909.5	1535.6	1184.0	925.8	765.6
17.5°	8230.0	8163.2	8069.8	6876.9	5537.1	4575.7	3405.1	2354.6	1682.5	1210.7	908.0
15°	15427.4	14933.3	13900.7	12471.9	10598.0	8189.9	6022.3	3801.2	2403.6	1611.3	1152.8
12.5°	26372.5	25825.0	23158.9	19584.7	16215.2	12787.9	8977.8	5777.5	3422.9	2047.5	1366.5
10°	52549.2	48574.4	41110.0	30681.1	23946.7	17857.6	12605.4	7882.8	4455.5	2586.1	1620.2
7.5°	107631.0	94642.9	72930.6	51485.4	33325.1	23421.5	16099.5	10308.7	5937.7	3235.9	1851.6
5°	195076.5	172033.4	129605.9	78040.4	48391.9	29354.7	19103.9	12258.2	7028.2	3765.6	2083.1
2.5°	297869.3	268060.6	187376.2	107310.6	59670.9	33948.2	21204.8	13540.1	7722.6	4126.1	2261.1
0°	355688.5	317721.0	220665.7	122858.1	65043.3	35897.8	22233.0	14310.2	8310.1	4419.9	2376.9
-2.5°	328568.2	298002.8	202794.7	114125.1	62154.6	35043.2	22379.9	14501.5	8408.0	4500.0	2430.3
-5°	231575.2	206489.1	140319.6	84218.5	52736.1	32279.1	21115.8	13780.5	8136.5	4384.3	2408.0
-7.5°	122515.4	111165.2	83217.0	60516.6	38492.8	27320.6	19010.5	12503.0	7433.3	4072.7	2274.5
-10°	63298.5	60970.6	52540.3	39605.5	31148.5	22887.3	16224.1	10691.4	6213.7	3507.4	2047.5
-12.5°	36494.2	36098.1	33387.4	28660.4	23884.4	18801.3	13313.1	8719.6	5185.5	2906.5	1727.0
-15°	23630.7	23799.8	22856.2	20888.8	18169.2	14069.8	10228.5	6485.2	3836.8	2354.6	1522.3
-17.5°	16126.2	16081.7	15641.0	14292.3	12102.4	9503.0	6779.0	4580.1	2906.5	1833.8	1264.1
-20°	10201.8	10219.6	9810.1	8879.9	7268.6	5857.6	4219.6	3089.0	2060.8	1442.1	1117.2



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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°	5919.9	5933.3	5675.1	5149.9	4304.2	3471.8	2741.9	2043.0	1517.8	1201.8	979.2
-25°	3400.6	3347.2	3244.8	2991.1	2595.0	2141.0	1820.5	1437.7	1215.1	1019.3	894.7
-27.5°	2060.8	2025.2	1971.8	1860.5	1704.8	1477.8	1330.9	1161.7	1032.6	916.9	841.3
-30°	1437.7	1451.0	1406.5	1348.7	1277.5	1175.1	1095.0	1014.8	930.3	859.1	787.8
-32.5°	1143.9	1152.8	1130.6	1108.3	1072.7	1032.6	983.7	925.8	859.1	792.3	725.5
-35°	983.7	988.1	988.1	983.7	974.8	943.6	908.0	854.6	792.3	730.0	672.1
-37.5°	903.6	908.0	908.0	903.6	890.2	863.5	827.9	783.4	725.5	667.7	623.1
-40°	819.0	823.4	819.0	810.1	796.7	770.0	743.3	707.7	663.2	614.2	574.2
-42.5°	738.9	734.4	730.0	721.1	707.7	689.9	667.7	641.0	609.8	574.2	543.0
-45°	663.2	663.2	658.8	654.3	645.4	632.1	618.7	596.4	574.2	547.5	520.8
-47.5°	623.1	623.1	618.7	614.2	609.8	600.9	587.5	569.7	551.9	529.7	507.4
-50°	596.4	596.4	596.4	592.0	587.5	578.6	565.3	551.9	534.1	511.9	489.6
-52.5°	578.6	578.6	578.6	574.2	569.7	565.3	551.9	534.1	511.9	494.1	476.3
-55°	569.7	565.3	565.3	560.8	556.4	551.9	534.1	516.3	498.5	480.7	462.9
-57.5°	556.4	551.9	551.9	547.5	543.0	538.6	520.8	503.0	485.2	462.9	449.6
-60°	543.0	538.6	538.6	529.7	525.2	520.8	503.0	485.2	467.4	449.6	431.8
-62.5°	525.2	520.8	516.3	511.9	503.0	494.1	480.7	462.9	440.7	422.9	405.0
-65°	485.2	480.7	476.3	471.8	467.4	462.9	449.6	427.3	409.5	391.7	373.9
-67.5°	436.2	436.2	436.2	427.3	422.9	413.9	405.0	387.2	369.4	351.6	338.3
-70°	378.3	378.3	378.3	369.4	365.0	360.5	347.2	333.8	320.5	307.1	289.3
-72.5°	320.5	316.0	316.0	311.6	302.7	298.2	289.3	280.4	267.1	258.2	244.8
-75°	262.6	258.2	258.2	253.7	249.3	244.8	235.9	231.5	222.6	213.7	200.3
-77.5°	209.2	209.2	209.2	204.7	200.3	195.8	191.4	186.9	182.5	173.6	164.7
-80°	160.2	160.2	160.2	160.2	160.2	160.2	160.2	155.8	146.9	142.4	138.0
-82.5°	115.7	120.2	120.2	120.2	120.2	120.2	120.2	120.2	115.7	111.3	106.8
-85°	75.7	80.1	80.1	84.6	89.0	89.0	93.5	89.0	84.6	75.7	71.2
-87.5°	40.1	40.1	40.1	40.1	40.1	40.1	40.1	35.6	35.6	35.6	31.2
-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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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°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	8.9	8.9	8.9
85°	8.9	8.9	8.9	8.9	13.4	13.4	13.4	17.8	17.8	17.8	17.8
82.5°	8.9	13.4	13.4	13.4	17.8	17.8	22.3	26.7	35.6	40.1	40.1
80°	8.9	13.4	13.4	13.4	17.8	17.8	22.3	22.3	26.7	31.2	40.1
77.5°	8.9	8.9	13.4	13.4	13.4	17.8	17.8	22.3	22.3	26.7	31.2
75°	4.5	8.9	8.9	8.9	13.4	13.4	17.8	17.8	22.3	22.3	26.7
72.5°	4.5	8.9	8.9	8.9	13.4	13.4	17.8	17.8	17.8	22.3	22.3
70°	4.5	8.9	8.9	8.9	8.9	13.4	13.4	13.4	17.8	17.8	17.8
67.5°	4.5	4.5	4.5	8.9	8.9	8.9	8.9	13.4	13.4	13.4	17.8
65°	4.5	4.5	4.5	4.5	8.9	8.9	8.9	8.9	13.4	13.4	13.4
62.5°	4.5	4.5	4.5	8.9	8.9	8.9	8.9	8.9	13.4	13.4	13.4
60°	17.8	17.8	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
57.5°	40.1	40.1	35.6	31.2	26.7	26.7	22.3	17.8	17.8	13.4	13.4
55°	66.8	62.3	57.9	49.0	44.5	40.1	35.6	26.7	22.3	17.8	13.4
52.5°	84.6	80.1	75.7	71.2	62.3	53.4	49.0	44.5	35.6	26.7	22.3
50°	124.6	111.3	102.4	93.5	84.6	75.7	66.8	62.3	49.0	40.1	31.2
47.5°	151.3	142.4	129.1	120.2	111.3	97.9	84.6	75.7	66.8	53.4	40.1
45°	173.6	164.7	151.3	142.4	133.5	120.2	106.8	93.5	84.6	71.2	53.4
42.5°	195.8	186.9	173.6	164.7	151.3	138.0	124.6	111.3	97.9	89.0	71.2
40°	227.0	213.7	195.8	186.9	178.0	160.2	142.4	129.1	115.7	102.4	84.6
37.5°	267.1	253.7	231.5	213.7	200.3	186.9	169.1	151.3	138.0	120.2	102.4
35°	329.4	307.1	276.0	249.3	231.5	213.7	191.4	173.6	155.8	138.0	120.2
32.5°	391.7	356.1	316.0	284.9	258.2	235.9	213.7	195.8	173.6	151.3	133.5
30°	440.7	400.6	360.5	316.0	284.9	258.2	235.9	213.7	191.4	169.1	146.9
27.5°	489.6	445.1	400.6	356.1	311.6	276.0	253.7	231.5	209.2	186.9	160.2
25°	538.6	489.6	445.1	396.1	342.7	302.7	271.5	253.7	231.5	204.7	173.6
22.5°	583.1	538.6	494.1	440.7	378.3	324.9	293.8	271.5	249.3	218.1	191.4
20°	667.7	609.8	556.4	489.6	418.4	365.0	324.9	293.8	267.1	235.9	204.7
17.5°	778.9	694.4	623.1	547.5	476.3	409.5	351.6	316.0	289.3	253.7	218.1
15°	921.4	774.5	685.5	609.8	525.2	449.6	387.2	338.3	302.7	267.1	235.9
12.5°	1028.2	836.8	738.9	667.7	578.6	494.1	413.9	356.1	316.0	280.4	244.8
10°	1148.4	903.6	783.4	703.3	609.8	516.3	431.8	369.4	324.9	293.8	258.2
7.5°	1246.3	957.0	805.6	716.6	627.6	534.1	449.6	382.8	338.3	302.7	267.1
5°	1335.3	1001.5	823.4	721.1	636.5	547.5	458.5	391.7	347.2	311.6	276.0
2.5°	1397.6	1041.5	841.3	730.0	645.4	556.4	471.8	400.6	356.1	320.5	284.9
0°	1451.0	1054.9	836.8	730.0	649.9	556.4	476.3	405.0	360.5	324.9	289.3
-2.5°	1468.8	1077.2	859.1	738.9	658.8	565.3	485.2	409.5	365.0	329.4	298.2
-5°	1468.8	1059.4	859.1	747.8	663.2	569.7	485.2	413.9	369.4	333.8	298.2
-7.5°	1415.4	1032.6	854.6	756.7	667.7	574.2	485.2	418.4	373.9	338.3	302.7
-10°	1322.0	992.6	850.2	761.1	667.7	569.7	485.2	418.4	373.9	338.3	307.1
-12.5°	1170.6	939.2	827.9	752.2	658.8	560.8	480.7	418.4	373.9	342.7	307.1
-15°	1095.0	894.7	801.2	725.5	636.5	547.5	471.8	413.9	373.9	342.7	311.6
-17.5°	992.6	859.1	774.5	698.8	618.7	534.1	462.9	413.9	373.9	338.3	311.6
-20°	921.4	819.0	743.3	676.6	596.4	520.8	458.5	409.5	373.9	338.3	311.6



REPORT NUMBER: P724232

CATALOG NUMBER: IFLD-M-SA4E-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°	859.1	774.5	707.7	641.0	569.7	503.0	449.6	405.0	369.4	338.3	311.6
-25°	810.1	734.4	672.1	609.8	547.5	489.6	440.7	400.6	365.0	338.3	307.1
-27.5°	765.6	694.4	636.5	578.6	520.8	476.3	431.8	396.1	365.0	333.8	302.7
-30°	716.6	658.8	600.9	547.5	507.4	462.9	422.9	387.2	360.5	329.4	298.2
-32.5°	667.7	614.2	565.3	525.2	489.6	454.0	418.4	382.8	351.6	320.5	289.3
-35°	623.1	574.2	538.6	503.0	476.3	445.1	409.5	373.9	347.2	316.0	289.3
-37.5°	578.6	543.0	511.9	485.2	458.5	431.8	396.1	365.0	338.3	307.1	276.0
-40°	543.0	516.3	494.1	471.8	445.1	413.9	387.2	356.1	329.4	298.2	262.6
-42.5°	520.8	498.5	476.3	454.0	431.8	405.0	378.3	347.2	320.5	289.3	253.7
-45°	498.5	480.7	462.9	445.1	422.9	396.1	365.0	333.8	307.1	276.0	249.3
-47.5°	485.2	467.4	449.6	436.2	418.4	382.8	356.1	324.9	293.8	267.1	235.9
-50°	471.8	454.0	440.7	422.9	400.6	369.4	342.7	311.6	284.9	253.7	227.0
-52.5°	458.5	440.7	422.9	405.0	382.8	356.1	329.4	302.7	271.5	240.4	213.7
-55°	445.1	427.3	409.5	391.7	369.4	347.2	320.5	284.9	253.7	222.6	195.8
-57.5°	431.8	418.4	396.1	373.9	351.6	329.4	298.2	267.1	235.9	204.7	182.5
-60°	413.9	396.1	378.3	351.6	329.4	302.7	276.0	249.3	218.1	191.4	169.1
-62.5°	387.2	369.4	351.6	324.9	302.7	280.4	258.2	227.0	204.7	178.0	155.8
-65°	356.1	338.3	320.5	298.2	276.0	253.7	235.9	209.2	186.9	164.7	146.9
-67.5°	320.5	302.7	289.3	267.1	249.3	227.0	209.2	186.9	164.7	146.9	129.1
-70°	276.0	262.6	249.3	231.5	213.7	195.8	178.0	160.2	142.4	129.1	111.3
-72.5°	235.9	222.6	209.2	195.8	182.5	164.7	151.3	138.0	124.6	111.3	102.4
-75°	191.4	182.5	173.6	164.7	151.3	138.0	129.1	115.7	106.8	97.9	93.5
-77.5°	160.2	151.3	142.4	133.5	124.6	115.7	106.8	97.9	93.5	89.0	84.6
-80°	129.1	124.6	120.2	111.3	106.8	97.9	93.5	84.6	84.6	84.6	84.6
-82.5°	102.4	97.9	93.5	89.0	84.6	80.1	80.1	75.7	80.1	80.1	75.7
-85°	71.2	66.8	62.3	62.3	57.9	57.9	53.4	53.4	53.4	49.0	49.0
-87.5°	31.2	31.2	31.2	31.2	26.7	26.7	26.7	26.7	26.7	22.3	22.3
-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: P724232
 CATALOG NUMBER: IFLD-M-SA4E-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°	8.9	8.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	0.0	0.0
85°	17.8	17.8	13.4	13.4	13.4	8.9	8.9	4.5	4.5	4.5	4.5
82.5°	40.1	35.6	31.2	26.7	22.3	17.8	13.4	8.9	8.9	4.5	4.5
80°	49.0	49.0	49.0	44.5	35.6	26.7	17.8	13.4	8.9	4.5	4.5
77.5°	35.6	35.6	40.1	44.5	44.5	35.6	22.3	13.4	8.9	8.9	4.5
75°	26.7	26.7	26.7	31.2	35.6	35.6	26.7	17.8	8.9	8.9	4.5
72.5°	26.7	26.7	26.7	26.7	26.7	26.7	26.7	17.8	13.4	8.9	8.9
70°	22.3	22.3	22.3	22.3	22.3	22.3	22.3	17.8	13.4	8.9	8.9
67.5°	17.8	17.8	22.3	22.3	22.3	17.8	17.8	17.8	13.4	8.9	8.9
65°	13.4	17.8	17.8	22.3	17.8	17.8	17.8	13.4	13.4	8.9	8.9
62.5°	13.4	13.4	17.8	17.8	17.8	17.8	13.4	13.4	13.4	8.9	8.9
60°	13.4	13.4	13.4	17.8	13.4	13.4	13.4	13.4	13.4	8.9	8.9
57.5°	13.4	13.4	13.4	13.4	13.4	13.4	13.4	8.9	8.9	8.9	8.9
55°	13.4	13.4	13.4	13.4	13.4	13.4	8.9	8.9	8.9	8.9	8.9
52.5°	17.8	13.4	13.4	13.4	13.4	13.4	8.9	8.9	8.9	8.9	8.9
50°	22.3	13.4	13.4	13.4	13.4	8.9	8.9	8.9	8.9	8.9	8.9
47.5°	31.2	22.3	17.8	13.4	13.4	8.9	8.9	8.9	8.9	8.9	4.5
45°	44.5	31.2	22.3	17.8	13.4	8.9	8.9	8.9	8.9	8.9	4.5
42.5°	53.4	40.1	26.7	22.3	17.8	13.4	8.9	8.9	8.9	4.5	4.5
40°	66.8	53.4	35.6	26.7	17.8	13.4	8.9	8.9	8.9	4.5	4.5
37.5°	84.6	66.8	44.5	31.2	22.3	13.4	13.4	8.9	8.9	4.5	4.5
35°	97.9	75.7	57.9	35.6	26.7	17.8	13.4	8.9	8.9	4.5	4.5
32.5°	111.3	89.0	71.2	44.5	31.2	22.3	17.8	8.9	8.9	4.5	4.5
30°	124.6	102.4	80.1	57.9	40.1	26.7	17.8	8.9	8.9	4.5	4.5
27.5°	138.0	111.3	89.0	66.8	44.5	31.2	22.3	13.4	8.9	4.5	4.5
25°	151.3	124.6	97.9	75.7	49.0	35.6	22.3	13.4	8.9	8.9	4.5
22.5°	160.2	138.0	111.3	84.6	57.9	40.1	26.7	17.8	8.9	8.9	4.5
20°	173.6	151.3	120.2	93.5	66.8	44.5	26.7	17.8	8.9	8.9	4.5
17.5°	186.9	160.2	129.1	102.4	75.7	49.0	31.2	22.3	8.9	8.9	4.5
15°	200.3	169.1	138.0	106.8	80.1	53.4	31.2	22.3	8.9	8.9	4.5
12.5°	213.7	182.5	146.9	115.7	84.6	57.9	35.6	26.7	13.4	8.9	4.5
10°	222.6	191.4	155.8	120.2	89.0	66.8	40.1	26.7	13.4	8.9	4.5
7.5°	235.9	200.3	164.7	129.1	93.5	71.2	44.5	26.7	13.4	8.9	4.5
5°	240.4	209.2	169.1	138.0	97.9	75.7	49.0	31.2	13.4	8.9	4.5
2.5°	244.8	218.1	173.6	142.4	102.4	75.7	49.0	31.2	17.8	8.9	4.5
0°	249.3	222.6	178.0	146.9	106.8	80.1	53.4	31.2	17.8	8.9	4.5
-2.5°	253.7	227.0	186.9	151.3	111.3	84.6	57.9	31.2	17.8	8.9	4.5
-5°	258.2	227.0	195.8	155.8	115.7	84.6	57.9	35.6	22.3	8.9	4.5
-7.5°	262.6	231.5	200.3	160.2	120.2	84.6	62.3	35.6	22.3	13.4	4.5
-10°	267.1	235.9	204.7	164.7	120.2	89.0	62.3	35.6	22.3	13.4	4.5
-12.5°	271.5	240.4	204.7	164.7	124.6	89.0	62.3	40.1	22.3	13.4	4.5
-15°	276.0	240.4	204.7	164.7	124.6	93.5	66.8	40.1	22.3	13.4	8.9
-17.5°	276.0	240.4	204.7	169.1	124.6	93.5	66.8	40.1	22.3	13.4	8.9
-20°	276.0	240.4	204.7	169.1	124.6	93.5	66.8	40.1	22.3	13.4	8.9



REPORT NUMBER: P724232
 CATALOG NUMBER: IFLD-M-SA4E-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°	271.5	235.9	204.7	164.7	124.6	93.5	66.8	40.1	26.7	13.4	8.9
-25°	271.5	235.9	204.7	164.7	124.6	93.5	62.3	40.1	26.7	13.4	8.9
-27.5°	267.1	235.9	200.3	160.2	120.2	89.0	62.3	40.1	26.7	13.4	8.9
-30°	262.6	231.5	195.8	155.8	120.2	89.0	62.3	40.1	26.7	13.4	8.9
-32.5°	258.2	222.6	191.4	151.3	115.7	84.6	62.3	40.1	26.7	13.4	8.9
-35°	249.3	218.1	182.5	146.9	111.3	84.6	57.9	40.1	26.7	17.8	8.9
-37.5°	240.4	209.2	178.0	142.4	106.8	80.1	57.9	40.1	26.7	17.8	8.9
-40°	231.5	204.7	169.1	133.5	102.4	75.7	57.9	40.1	26.7	17.8	13.4
-42.5°	222.6	195.8	164.7	129.1	102.4	75.7	53.4	40.1	26.7	17.8	13.4
-45°	218.1	191.4	155.8	124.6	97.9	75.7	53.4	35.6	26.7	17.8	13.4
-47.5°	209.2	178.0	146.9	120.2	93.5	71.2	49.0	35.6	26.7	17.8	13.4
-50°	195.8	169.1	142.4	115.7	89.0	66.8	49.0	35.6	26.7	17.8	13.4
-52.5°	182.5	155.8	133.5	106.8	84.6	66.8	49.0	35.6	26.7	17.8	13.4
-55°	169.1	146.9	124.6	102.4	80.1	62.3	44.5	35.6	26.7	17.8	13.4
-57.5°	160.2	138.0	115.7	93.5	75.7	57.9	44.5	31.2	22.3	17.8	13.4
-60°	151.3	129.1	106.8	89.0	71.2	57.9	44.5	31.2	22.3	17.8	8.9
-62.5°	138.0	120.2	97.9	84.6	66.8	53.4	40.1	31.2	22.3	17.8	8.9
-65°	124.6	106.8	89.0	75.7	62.3	49.0	40.1	31.2	22.3	17.8	8.9
-67.5°	111.3	97.9	84.6	71.2	57.9	49.0	40.1	31.2	22.3	13.4	8.9
-70°	102.4	89.0	75.7	66.8	57.9	44.5	40.1	31.2	22.3	13.4	8.9
-72.5°	89.0	80.1	71.2	62.3	53.4	49.0	40.1	31.2	17.8	13.4	8.9
-75°	84.6	75.7	66.8	62.3	57.9	49.0	40.1	26.7	17.8	13.4	8.9
-77.5°	84.6	75.7	71.2	66.8	57.9	49.0	35.6	22.3	13.4	13.4	8.9
-80°	84.6	80.1	75.7	62.3	53.4	40.1	26.7	22.3	13.4	8.9	4.5
-82.5°	75.7	62.3	53.4	44.5	40.1	31.2	22.3	17.8	8.9	8.9	4.5
-85°	49.0	40.1	35.6	31.2	26.7	22.3	13.4	8.9	8.9	4.5	4.5
-87.5°	22.3	22.3	17.8	13.4	13.4	8.9	8.9	4.5	4.5	4.5	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: P724232
 CATALOG NUMBER: IFLD-M-SA4E-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°	4.5	0.0	0.0	0.0
77.5°	4.5	0.0	0.0	0.0
75°	4.5	4.5	0.0	0.0
72.5°	4.5	4.5	0.0	0.0
70°	4.5	4.5	0.0	0.0
67.5°	4.5	4.5	0.0	0.0
65°	4.5	4.5	0.0	0.0
62.5°	4.5	4.5	0.0	0.0
60°	4.5	4.5	0.0	0.0
57.5°	4.5	4.5	4.5	0.0
55°	4.5	4.5	4.5	0.0
52.5°	4.5	4.5	4.5	0.0
50°	4.5	4.5	4.5	0.0
47.5°	4.5	4.5	4.5	0.0
45°	4.5	4.5	4.5	0.0
42.5°	4.5	4.5	4.5	0.0
40°	4.5	4.5	4.5	0.0
37.5°	4.5	4.5	4.5	0.0
35°	4.5	4.5	4.5	0.0
32.5°	4.5	4.5	4.5	0.0
30°	4.5	4.5	4.5	0.0
27.5°	4.5	4.5	4.5	0.0
25°	4.5	4.5	4.5	0.0
22.5°	4.5	4.5	4.5	0.0
20°	4.5	4.5	4.5	0.0
17.5°	4.5	4.5	4.5	0.0
15°	4.5	4.5	4.5	0.0
12.5°	4.5	4.5	4.5	0.0
10°	4.5	4.5	4.5	0.0
7.5°	4.5	4.5	4.5	0.0
5°	4.5	4.5	4.5	0.0
2.5°	4.5	4.5	4.5	0.0
0°	4.5	4.5	4.5	0.0
-2.5°	4.5	4.5	4.5	0.0
-5°	4.5	4.5	4.5	0.0
-7.5°	4.5	4.5	4.5	0.0
-10°	4.5	4.5	4.5	0.0
-12.5°	4.5	4.5	4.5	0.0
-15°	4.5	4.5	4.5	0.0
-17.5°	4.5	4.5	4.5	0.0
-20°	4.5	4.5	4.5	0.0



REPORT NUMBER: P724232
CATALOG NUMBER: IFLD-M-SA4E-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	4.5	4.5	4.5	0.0
-25°	4.5	4.5	4.5	0.0
-27.5°	4.5	4.5	4.5	0.0
-30°	4.5	4.5	4.5	0.0
-32.5°	4.5	4.5	4.5	0.0
-35°	4.5	4.5	4.5	0.0
-37.5°	4.5	4.5	4.5	0.0
-40°	4.5	4.5	4.5	0.0
-42.5°	4.5	4.5	4.5	0.0
-45°	4.5	4.5	4.5	0.0
-47.5°	4.5	4.5	4.5	0.0
-50°	4.5	4.5	4.5	0.0
-52.5°	4.5	4.5	4.5	0.0
-55°	4.5	4.5	4.5	0.0
-57.5°	4.5	4.5	4.5	0.0
-60°	4.5	4.5	0.0	0.0
-62.5°	4.5	4.5	0.0	0.0
-65°	4.5	4.5	0.0	0.0
-67.5°	4.5	4.5	0.0	0.0
-70°	4.5	4.5	0.0	0.0
-72.5°	4.5	4.5	0.0	0.0
-75°	4.5	4.5	0.0	0.0
-77.5°	4.5	0.0	0.0	0.0
-80°	4.5	0.0	0.0	0.0
-82.5°	4.5	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)