

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: P724067

Luminaire Tested: **IFLD-L-SA8D-727-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724067  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA8D-727-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (128) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

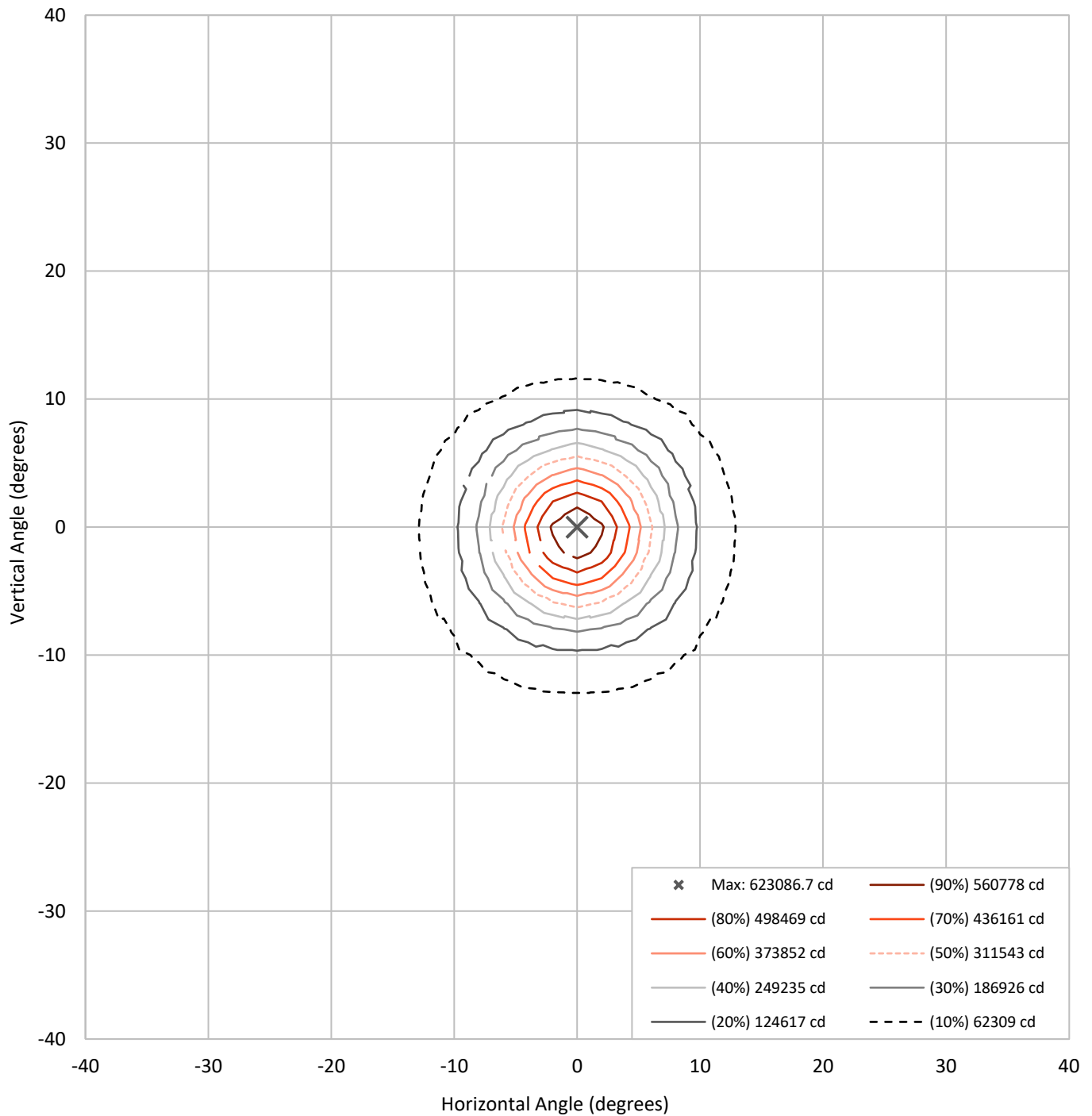
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	43522.9 lumens	Max Intensity:	623086.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	13616 lumens	Field Lumens:	30981.2 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 488.3  
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





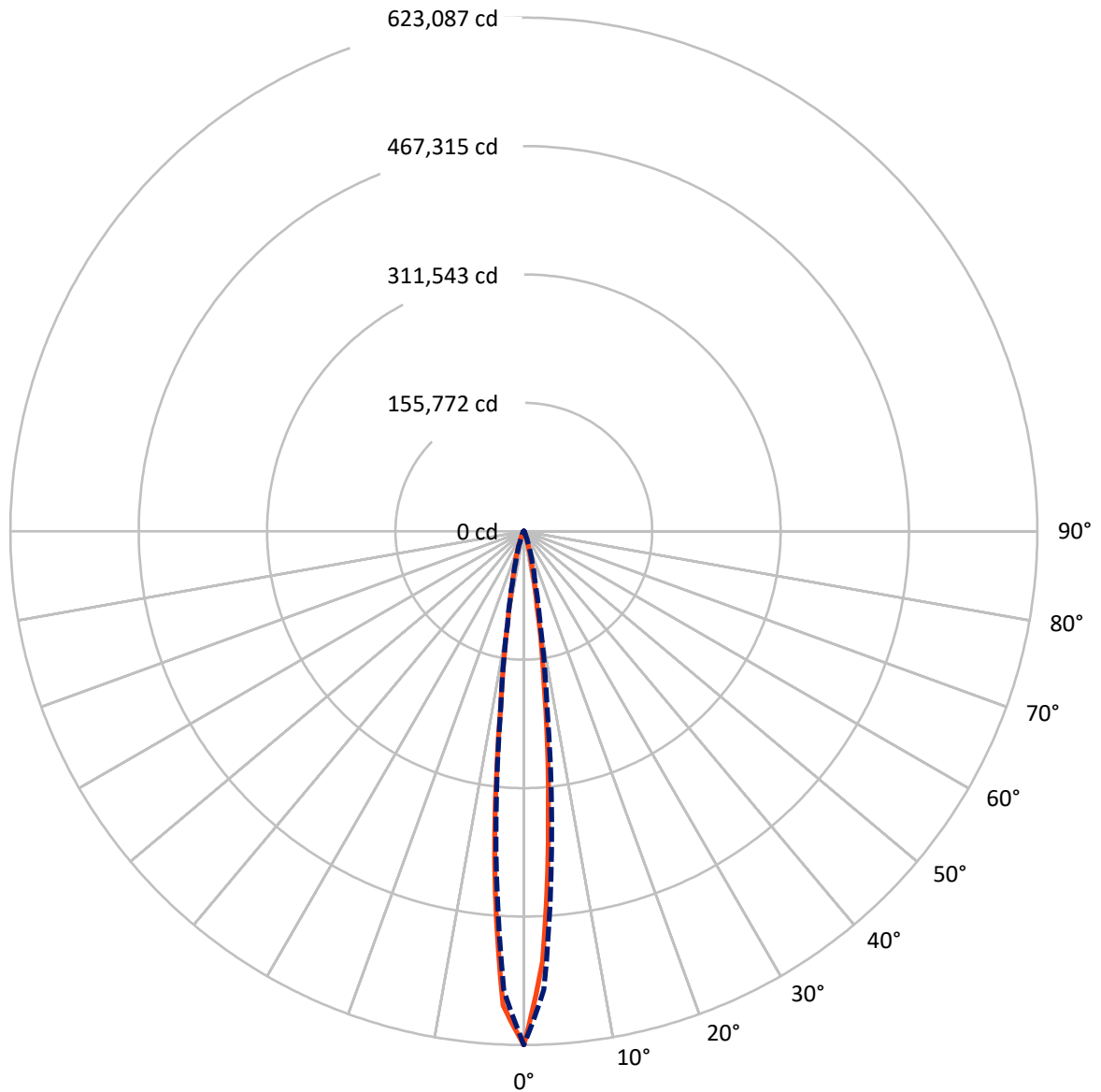
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### Lumen Table

90	0.3	2.6		2.2		1.0		0.1		1.0		2.2		2.6		0.3			
80	0.3	2.6		2.2		1.0		0.1		1.0		2.2		2.6		0.3			
70	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.1	0.1	0.3	0.3	0.4	0.4	0.5	0.4	0.4			
60		0.3	0.5	1.2	2.2	3.4	4.2	4.8	4.8	4.2	3.4	2.2	1.2	0.5	0.3				
50	0.3	0.3	1.4	3.6	6.2	8.8	11.6	13.6	13.6	11.6	8.8	6.2	3.6	1.4	0.3	0.3			
40		0.7	3.0	6.6	11.1	17.5	26.5	31.6	31.6	26.5	17.5	11.1	6.6	3.0	0.7				
30	0.4	1.3	4.7	9.6	17.5	30.1	58.1	93.7	93.7	58.1	30.1	17.5	9.6	4.7	1.3	0.4			
20		1.9	6.2	13.1	26.5	65.7	342.9	867.5	867.5	342.9	65.7	26.5	13.1	6.2	1.9				
10	0.7	2.4	7.4	15.4	32.3	133.3	1104.4	6805.4	6805.4	1104.4	133.3	32.3	15.4	7.4	2.4	0.7			
0		2.8	8.1	16.3	33.7	151.9	1215.2	7494.6	7494.6	1215.2	151.9	33.7	16.3	8.1	2.8				
-10	0.9	3.0	8.5	16.2	31.6	91.1	545.4	1314.4	1314.4	545.4	91.1	31.6	16.2	8.5	3.0	0.9			
-20		3.0	8.3	15.3	26.8	46.4	112.7	211.8	211.8	112.7	46.4	26.8	15.3	8.3	3.0				
-30	0.9	2.7	7.7	14.2	22.2	32.9	46.5	54.6	54.6	46.5	32.9	22.2	14.2	7.7	2.7	0.9			
-40		2.3	6.7	12.7	19.4	25.6	32.4	35.9	35.9	32.4	25.6	19.4	12.7	6.7	2.3				
-50	0.8	1.9	5.3	10.7	17.0	22.4	27.5	29.9	29.9	27.5	22.4	17.0	10.7	5.3	1.9	0.8			
-60		1.5	3.9	7.9	12.9	17.9	22.5	24.9	24.9	22.5	17.9	12.9	7.9	3.9	1.5				
-70	0.4	1.9	5.3	10.7	17.0	22.4	27.5	29.9	29.9	27.5	22.4	17.0	10.7	5.3	1.9	0.4			
-80		1.5	3.9	7.9	12.9	17.9	22.5	24.9	24.9	22.5	17.9	12.9	7.9	3.9	1.5				
-90	0.4	5.9		16.3		30.1		36.3		30.1		16.3		5.9		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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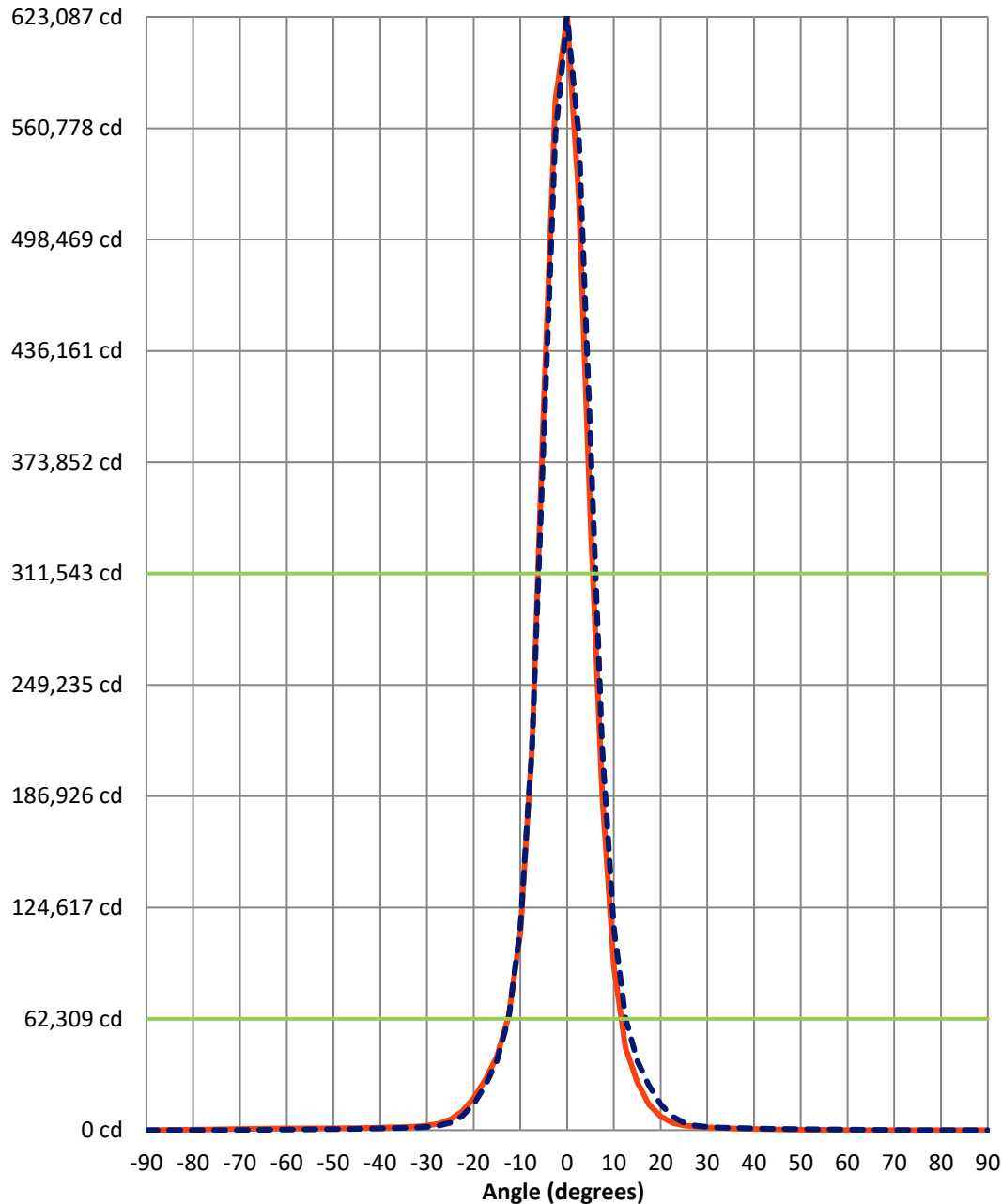
### Luminous Intensity Polar Plot



— 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: 13616  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 30981.2  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 12541.7  
 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	7.8	7.8
85°	0.0	0.0	0.0	0.0	7.8	7.8	7.8	7.8	7.8	15.6	15.6
82.5°	0.0	0.0	0.0	0.0	7.8	7.8	7.8	7.8	15.6	15.6	15.6
80°	0.0	0.0	0.0	0.0	7.8	7.8	7.8	7.8	15.6	15.6	15.6
77.5°	0.0	0.0	0.0	0.0	7.8	7.8	7.8	7.8	7.8	7.8	15.6
75°	0.0	0.0	0.0	0.0	7.8	7.8	7.8	7.8	7.8	7.8	7.8
72.5°	0.0	0.0	0.0	0.0	7.8	7.8	7.8	7.8	7.8	7.8	7.8
70°	0.0	0.0	0.0	0.0	7.8	7.8	7.8	7.8	7.8	7.8	7.8
67.5°	0.0	0.0	0.0	0.0	7.8	7.8	7.8	7.8	7.8	7.8	7.8
65°	0.0	0.0	0.0	0.0	7.8	7.8	7.8	7.8	7.8	7.8	7.8
62.5°	0.0	0.0	0.0	0.0	7.8	7.8	7.8	7.8	7.8	7.8	7.8
60°	15.6	15.6	15.6	15.6	23.4	23.4	31.2	31.2	31.2	15.6	31.2
57.5°	124.8	124.8	117.0	109.2	101.4	93.6	93.6	93.6	93.6	93.6	78.0
55°	171.5	171.5	171.5	163.7	163.7	155.9	148.1	140.4	140.4	132.6	124.8
52.5°	202.7	202.7	202.7	202.7	194.9	194.9	194.9	187.1	171.5	171.5	163.7
50°	288.5	280.7	280.7	280.7	280.7	265.1	257.3	241.7	233.9	226.1	218.3
47.5°	374.3	374.3	366.5	366.5	358.7	343.1	327.5	311.9	296.3	288.5	272.9
45°	444.4	444.4	436.6	436.6	428.8	413.3	389.9	366.5	350.9	335.3	319.7
42.5°	545.8	538.0	530.2	522.4	506.8	483.4	452.2	421.1	397.7	374.3	358.7
40°	655.0	655.0	647.2	639.4	616.0	592.6	553.6	514.6	475.6	428.8	405.5
37.5°	787.5	795.3	803.1	803.1	787.5	756.3	701.8	655.0	592.6	530.2	499.0
35°	1029.2	1029.2	1044.8	1044.8	1021.4	982.5	943.5	842.1	764.1	686.2	616.0
32.5°	1294.3	1302.1	1271.0	1247.6	1216.4	1169.6	1099.4	1013.6	927.9	826.5	748.5
30°	1551.7	1551.7	1512.7	1465.9	1403.5	1325.5	1239.8	1146.2	1044.8	943.5	849.9
27.5°	1957.1	1918.1	1886.9	1809.0	1699.8	1551.7	1442.5	1294.3	1161.8	1044.8	943.5
25°	2627.7	2619.9	2549.7	2417.2	2198.8	1964.9	1785.6	1536.1	1333.3	1154.0	1037.0
22.5°	4179.3	4124.7	3961.0	3633.5	3118.9	2713.4	2347.0	1957.1	1590.6	1348.9	1161.8
20°	7727.1	7547.7	7111.1	6206.6	5052.6	4257.3	3345.0	2690.1	2074.1	1621.8	1341.1
17.5°	14417.1	14300.2	14136.4	12046.8	9699.8	8015.6	5964.9	4124.7	2947.4	2120.9	1590.6
15°	27025.3	26159.8	24350.8	21847.9	18565.3	14347.0	10549.7	6658.9	4210.5	2822.6	2019.5
12.5°	46198.8	45239.7	40569.1	34307.9	28405.4	22401.5	15727.1	10120.8	5996.1	3586.7	2393.8
10°	92054.4	85091.5	72015.5	53746.5	41949.2	31282.6	22081.8	13808.9	7805.1	4530.2	2838.2
7.5°	188545.5	165793.1	127758.1	90190.9	58378.1	41029.2	28202.7	18058.5	10401.5	5668.6	3243.7
5°	341730.4	301364.0	227040.6	136709.3	84771.8	51422.9	33465.8	21473.6	12311.9	6596.5	3649.1
2.5°	521800.3	469582.1	328241.2	187984.1	104530.0	59469.7	37146.1	23719.3	13528.2	7228.1	3961.0
0°	623086.7	556576.1	386556.9	215219.9	113941.3	62884.9	38947.3	25068.2	14557.5	7742.7	4163.7
-2.5°	575578.0	522034.2	355250.9	199921.7	108880.9	61387.8	39204.6	25403.5	14729.0	7883.0	4257.3
-5°	405668.0	361722.6	245808.6	147531.9	92381.9	56545.7	36990.2	24140.3	14253.4	7680.3	4218.3
-7.5°	214619.5	194736.5	145777.5	106011.5	67430.7	47859.6	33302.1	21902.5	13021.4	7134.5	3984.4
-10°	110884.8	106806.8	92038.8	69380.0	54565.2	40093.5	28421.0	18729.0	10885.0	6144.2	3586.7
-12.5°	63929.7	63235.8	58487.2	50206.5	41840.1	32935.6	23321.6	15274.8	9083.8	5091.6	3025.3
-15°	41395.6	41691.9	40038.9	36592.5	31828.4	24647.1	17918.1	11360.6	6721.2	4124.7	2666.7
-17.5°	28249.5	28171.5	27399.6	25037.0	21200.7	16647.1	11875.2	8023.4	5091.6	3212.5	2214.4
-20°	17871.3	17902.5	17185.2	15555.5	12732.9	10261.2	7391.8	5411.3	3610.1	2526.3	1957.1



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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°	10370.4	10393.7	9941.5	9021.4	7539.9	6081.9	4803.1	3578.9	2658.9	2105.3	1715.4
-25°	5957.1	5863.5	5684.2	5239.8	4545.8	3750.5	3189.1	2518.5	2128.7	1785.6	1567.2
-27.5°	3610.1	3547.8	3454.2	3259.3	2986.3	2588.7	2331.4	2035.1	1809.0	1606.2	1473.7
-30°	2518.5	2541.9	2463.9	2362.6	2237.8	2058.5	1918.1	1777.8	1629.6	1504.9	1380.1
-32.5°	2003.9	2019.5	1980.5	1941.5	1879.1	1809.0	1723.2	1621.8	1504.9	1387.9	1271.0
-35°	1723.2	1731.0	1731.0	1723.2	1707.6	1653.0	1590.6	1497.1	1387.9	1278.8	1177.4
-37.5°	1582.8	1590.6	1590.6	1582.8	1559.5	1512.7	1450.3	1372.3	1271.0	1169.6	1091.6
-40°	1434.7	1442.5	1434.7	1419.1	1395.7	1348.9	1302.1	1239.8	1161.8	1076.0	1005.8
-42.5°	1294.3	1286.5	1278.8	1263.2	1239.8	1208.6	1169.6	1122.8	1068.2	1005.8	951.3
-45°	1161.8	1161.8	1154.0	1146.2	1130.6	1107.2	1083.8	1044.8	1005.8	959.1	912.3
-47.5°	1091.6	1091.6	1083.8	1076.0	1068.2	1052.6	1029.2	998.0	966.9	927.9	888.9
-50°	1044.8	1044.8	1044.8	1037.0	1029.2	1013.6	990.3	966.9	935.7	896.7	857.7
-52.5°	1013.6	1013.6	1013.6	1005.8	998.0	990.3	966.9	935.7	896.7	865.5	834.3
-55°	998.0	990.3	990.3	982.5	974.7	966.9	935.7	904.5	873.3	842.1	810.9
-57.5°	974.7	966.9	966.9	959.1	951.3	943.5	912.3	881.1	849.9	810.9	787.5
-60°	951.3	943.5	943.5	927.9	920.1	912.3	881.1	849.9	818.7	787.5	756.3
-62.5°	920.1	912.3	904.5	896.7	881.1	865.5	842.1	810.9	771.9	740.7	709.6
-65°	849.9	842.1	834.3	826.5	818.7	810.9	787.5	748.5	717.3	686.2	655.0
-67.5°	764.1	764.1	764.1	748.5	740.7	725.1	709.6	678.4	647.2	616.0	592.6
-70°	662.8	662.8	662.8	647.2	639.4	631.6	608.2	584.8	561.4	538.0	506.8
-72.5°	561.4	553.6	553.6	545.8	530.2	522.4	506.8	491.2	467.8	452.2	428.8
-75°	460.0	452.2	452.2	444.4	436.6	428.8	413.3	405.5	389.9	374.3	350.9
-77.5°	366.5	366.5	366.5	358.7	350.9	343.1	335.3	327.5	319.7	304.1	288.5
-80°	280.7	280.7	280.7	280.7	280.7	280.7	280.7	272.9	257.3	249.5	241.7
-82.5°	202.7	210.5	210.5	210.5	210.5	210.5	210.5	210.5	202.7	194.9	187.1
-85°	132.6	140.4	140.4	148.1	155.9	155.9	163.7	155.9	148.1	132.6	124.8
-87.5°	70.2	70.2	70.2	70.2	70.2	70.2	70.2	62.4	62.4	62.4	54.6
-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°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	15.6	15.6	15.6
85°	15.6	15.6	15.6	15.6	23.4	23.4	23.4	31.2	31.2	31.2	31.2
82.5°	15.6	23.4	23.4	23.4	31.2	31.2	39.0	46.8	62.4	70.2	70.2
80°	15.6	23.4	23.4	23.4	31.2	31.2	39.0	39.0	46.8	54.6	70.2
77.5°	15.6	15.6	23.4	23.4	23.4	31.2	31.2	39.0	39.0	46.8	54.6
75°	7.8	15.6	15.6	15.6	23.4	23.4	31.2	31.2	39.0	39.0	46.8
72.5°	7.8	15.6	15.6	15.6	23.4	23.4	31.2	31.2	31.2	39.0	39.0
70°	7.8	15.6	15.6	15.6	15.6	23.4	23.4	23.4	31.2	31.2	31.2
67.5°	7.8	7.8	7.8	15.6	15.6	15.6	15.6	23.4	23.4	23.4	31.2
65°	7.8	7.8	7.8	7.8	15.6	15.6	15.6	15.6	23.4	23.4	23.4
62.5°	7.8	7.8	7.8	15.6	15.6	15.6	15.6	15.6	23.4	23.4	23.4
60°	31.2	31.2	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
57.5°	70.2	70.2	62.4	54.6	46.8	46.8	39.0	31.2	31.2	23.4	23.4
55°	117.0	109.2	101.4	85.8	78.0	70.2	62.4	46.8	39.0	31.2	23.4
52.5°	148.1	140.4	132.6	124.8	109.2	93.6	85.8	78.0	62.4	46.8	39.0
50°	218.3	194.9	179.3	163.7	148.1	132.6	117.0	109.2	85.8	70.2	54.6
47.5°	265.1	249.5	226.1	210.5	194.9	171.5	148.1	132.6	117.0	93.6	70.2
45°	304.1	288.5	265.1	249.5	233.9	210.5	187.1	163.7	148.1	124.8	93.6
42.5°	343.1	327.5	304.1	288.5	265.1	241.7	218.3	194.9	171.5	155.9	124.8
40°	397.7	374.3	343.1	327.5	311.9	280.7	249.5	226.1	202.7	179.3	148.1
37.5°	467.8	444.4	405.5	374.3	350.9	327.5	296.3	265.1	241.7	210.5	179.3
35°	577.0	538.0	483.4	436.6	405.5	374.3	335.3	304.1	272.9	241.7	210.5
32.5°	686.2	623.8	553.6	499.0	452.2	413.3	374.3	343.1	304.1	265.1	233.9
30°	771.9	701.8	631.6	553.6	499.0	452.2	413.3	374.3	335.3	296.3	257.3
27.5°	857.7	779.7	701.8	623.8	545.8	483.4	444.4	405.5	366.5	327.5	280.7
25°	943.5	857.7	779.7	694.0	600.4	530.2	475.6	444.4	405.5	358.7	304.1
22.5°	1021.4	943.5	865.5	771.9	662.8	569.2	514.6	475.6	436.6	382.1	335.3
20°	1169.6	1068.2	974.7	857.7	732.9	639.4	569.2	514.6	467.8	413.3	358.7
17.5°	1364.5	1216.4	1091.6	959.1	834.3	717.3	616.0	553.6	506.8	444.4	382.1
15°	1614.0	1356.7	1200.8	1068.2	920.1	787.5	678.4	592.6	530.2	467.8	413.3
12.5°	1801.2	1465.9	1294.3	1169.6	1013.6	865.5	725.1	623.8	553.6	491.2	428.8
10°	2011.7	1582.8	1372.3	1232.0	1068.2	904.5	756.3	647.2	569.2	514.6	452.2
7.5°	2183.2	1676.4	1411.3	1255.4	1099.4	935.7	787.5	670.6	592.6	530.2	467.8
5°	2339.2	1754.4	1442.5	1263.2	1115.0	959.1	803.1	686.2	608.2	545.8	483.4
2.5°	2448.3	1824.6	1473.7	1278.8	1130.6	974.7	826.5	701.8	623.8	561.4	499.0
0°	2541.9	1848.0	1465.9	1278.8	1138.4	974.7	834.3	709.6	631.6	569.2	506.8
-2.5°	2573.1	1886.9	1504.9	1294.3	1154.0	990.3	849.9	717.3	639.4	577.0	522.4
-5°	2573.1	1855.7	1504.9	1309.9	1161.8	998.0	849.9	725.1	647.2	584.8	522.4
-7.5°	2479.5	1809.0	1497.1	1325.5	1169.6	1005.8	849.9	732.9	655.0	592.6	530.2
-10°	2315.8	1738.8	1489.3	1333.3	1169.6	998.0	849.9	732.9	655.0	592.6	538.0
-12.5°	2050.7	1645.2	1450.3	1317.7	1154.0	982.5	842.1	732.9	655.0	600.4	538.0
-15°	1918.1	1567.2	1403.5	1271.0	1115.0	959.1	826.5	725.1	655.0	600.4	545.8
-17.5°	1738.8	1504.9	1356.7	1224.2	1083.8	935.7	810.9	725.1	655.0	592.6	545.8
-20°	1614.0	1434.7	1302.1	1185.2	1044.8	912.3	803.1	717.3	655.0	592.6	545.8



REPORT NUMBER: P724067  
 CATALOG NUMBER: IFLD-L-SA8D-727-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°	1504.9	1356.7	1239.8	1122.8	998.0	881.1	787.5	709.6	647.2	592.6	545.8
-25°	1419.1	1286.5	1177.4	1068.2	959.1	857.7	771.9	701.8	639.4	592.6	538.0
-27.5°	1341.1	1216.4	1115.0	1013.6	912.3	834.3	756.3	694.0	639.4	584.8	530.2
-30°	1255.4	1154.0	1052.6	959.1	888.9	810.9	740.7	678.4	631.6	577.0	522.4
-32.5°	1169.6	1076.0	990.3	920.1	857.7	795.3	732.9	670.6	616.0	561.4	506.8
-35°	1091.6	1005.8	943.5	881.1	834.3	779.7	717.3	655.0	608.2	553.6	506.8
-37.5°	1013.6	951.3	896.7	849.9	803.1	756.3	694.0	639.4	592.6	538.0	483.4
-40°	951.3	904.5	865.5	826.5	779.7	725.1	678.4	623.8	577.0	522.4	460.0
-42.5°	912.3	873.3	834.3	795.3	756.3	709.6	662.8	608.2	561.4	506.8	444.4
-45°	873.3	842.1	810.9	779.7	740.7	694.0	639.4	584.8	538.0	483.4	436.6
-47.5°	849.9	818.7	787.5	764.1	732.9	670.6	623.8	569.2	514.6	467.8	413.3
-50°	826.5	795.3	771.9	740.7	701.8	647.2	600.4	545.8	499.0	444.4	397.7
-52.5°	803.1	771.9	740.7	709.6	670.6	623.8	577.0	530.2	475.6	421.1	374.3
-55°	779.7	748.5	717.3	686.2	647.2	608.2	561.4	499.0	444.4	389.9	343.1
-57.5°	756.3	732.9	694.0	655.0	616.0	577.0	522.4	467.8	413.3	358.7	319.7
-60°	725.1	694.0	662.8	616.0	577.0	530.2	483.4	436.6	382.1	335.3	296.3
-62.5°	678.4	647.2	616.0	569.2	530.2	491.2	452.2	397.7	358.7	311.9	272.9
-65°	623.8	592.6	561.4	522.4	483.4	444.4	413.3	366.5	327.5	288.5	257.3
-67.5°	561.4	530.2	506.8	467.8	436.6	397.7	366.5	327.5	288.5	257.3	226.1
-70°	483.4	460.0	436.6	405.5	374.3	343.1	311.9	280.7	249.5	226.1	194.9
-72.5°	413.3	389.9	366.5	343.1	319.7	288.5	265.1	241.7	218.3	194.9	179.3
-75°	335.3	319.7	304.1	288.5	265.1	241.7	226.1	202.7	187.1	171.5	163.7
-77.5°	280.7	265.1	249.5	233.9	218.3	202.7	187.1	171.5	163.7	155.9	148.1
-80°	226.1	218.3	210.5	194.9	187.1	171.5	163.7	148.1	148.1	148.1	148.1
-82.5°	179.3	171.5	163.7	155.9	148.1	140.4	140.4	132.6	140.4	140.4	132.6
-85°	124.8	117.0	109.2	109.2	101.4	101.4	93.6	93.6	93.6	85.8	85.8
-87.5°	54.6	54.6	54.6	54.6	46.8	46.8	46.8	46.8	46.8	39.0	39.0
-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: P724067  
 CATALOG NUMBER: IFLD-L-SA8D-727-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°	15.6	15.6	7.8	7.8	7.8	7.8	7.8	7.8	7.8	0.0	0.0
85°	31.2	31.2	23.4	23.4	23.4	15.6	15.6	7.8	7.8	7.8	7.8
82.5°	70.2	62.4	54.6	46.8	39.0	31.2	23.4	15.6	15.6	7.8	7.8
80°	85.8	85.8	85.8	78.0	62.4	46.8	31.2	23.4	15.6	7.8	7.8
77.5°	62.4	62.4	70.2	78.0	78.0	62.4	39.0	23.4	15.6	15.6	7.8
75°	46.8	46.8	46.8	54.6	62.4	62.4	46.8	31.2	15.6	15.6	7.8
72.5°	46.8	46.8	46.8	46.8	46.8	46.8	46.8	31.2	23.4	15.6	15.6
70°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	31.2	23.4	15.6	15.6
67.5°	31.2	31.2	39.0	39.0	39.0	31.2	31.2	31.2	23.4	15.6	15.6
65°	23.4	31.2	31.2	39.0	31.2	31.2	31.2	23.4	23.4	15.6	15.6
62.5°	23.4	23.4	31.2	31.2	31.2	31.2	23.4	23.4	23.4	15.6	15.6
60°	23.4	23.4	23.4	31.2	23.4	23.4	23.4	23.4	23.4	15.6	15.6
57.5°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	15.6	15.6	15.6	15.6
55°	23.4	23.4	23.4	23.4	23.4	23.4	15.6	15.6	15.6	15.6	15.6
52.5°	31.2	23.4	23.4	23.4	23.4	23.4	15.6	15.6	15.6	15.6	15.6
50°	39.0	23.4	23.4	23.4	23.4	15.6	15.6	15.6	15.6	15.6	15.6
47.5°	54.6	39.0	31.2	23.4	23.4	15.6	15.6	15.6	15.6	15.6	7.8
45°	78.0	54.6	39.0	31.2	23.4	15.6	15.6	15.6	15.6	15.6	7.8
42.5°	93.6	70.2	46.8	39.0	31.2	23.4	15.6	15.6	15.6	7.8	7.8
40°	117.0	93.6	62.4	46.8	31.2	23.4	15.6	15.6	15.6	7.8	7.8
37.5°	148.1	117.0	78.0	54.6	39.0	23.4	23.4	15.6	15.6	7.8	7.8
35°	171.5	132.6	101.4	62.4	46.8	31.2	23.4	15.6	15.6	7.8	7.8
32.5°	194.9	155.9	124.8	78.0	54.6	39.0	31.2	15.6	15.6	7.8	7.8
30°	218.3	179.3	140.4	101.4	70.2	46.8	31.2	15.6	15.6	7.8	7.8
27.5°	241.7	194.9	155.9	117.0	78.0	54.6	39.0	23.4	15.6	7.8	7.8
25°	265.1	218.3	171.5	132.6	85.8	62.4	39.0	23.4	15.6	15.6	7.8
22.5°	280.7	241.7	194.9	148.1	101.4	70.2	46.8	31.2	15.6	15.6	7.8
20°	304.1	265.1	210.5	163.7	117.0	78.0	46.8	31.2	15.6	15.6	7.8
17.5°	327.5	280.7	226.1	179.3	132.6	85.8	54.6	39.0	15.6	15.6	7.8
15°	350.9	296.3	241.7	187.1	140.4	93.6	54.6	39.0	15.6	15.6	7.8
12.5°	374.3	319.7	257.3	202.7	148.1	101.4	62.4	46.8	23.4	15.6	7.8
10°	389.9	335.3	272.9	210.5	155.9	117.0	70.2	46.8	23.4	15.6	7.8
7.5°	413.3	350.9	288.5	226.1	163.7	124.8	78.0	46.8	23.4	15.6	7.8
5°	421.1	366.5	296.3	241.7	171.5	132.6	85.8	54.6	23.4	15.6	7.8
2.5°	428.8	382.1	304.1	249.5	179.3	132.6	85.8	54.6	31.2	15.6	7.8
0°	436.6	389.9	311.9	257.3	187.1	140.4	93.6	54.6	31.2	15.6	7.8
-2.5°	444.4	397.7	327.5	265.1	194.9	148.1	101.4	54.6	31.2	15.6	7.8
-5°	452.2	397.7	343.1	272.9	202.7	148.1	101.4	62.4	39.0	15.6	7.8
-7.5°	460.0	405.5	350.9	280.7	210.5	148.1	109.2	62.4	39.0	23.4	7.8
-10°	467.8	413.3	358.7	288.5	210.5	155.9	109.2	62.4	39.0	23.4	7.8
-12.5°	475.6	421.1	358.7	288.5	218.3	155.9	109.2	70.2	39.0	23.4	7.8
-15°	483.4	421.1	358.7	288.5	218.3	163.7	117.0	70.2	39.0	23.4	15.6
-17.5°	483.4	421.1	358.7	296.3	218.3	163.7	117.0	70.2	39.0	23.4	15.6
-20°	483.4	421.1	358.7	296.3	218.3	163.7	117.0	70.2	39.0	23.4	15.6



REPORT NUMBER: P724067

CATALOG NUMBER: IFLD-L-SA8D-727-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	475.6	413.3	358.7	288.5	218.3	163.7	117.0	70.2	46.8	23.4	15.6
-25°	475.6	413.3	358.7	288.5	218.3	163.7	109.2	70.2	46.8	23.4	15.6
-27.5°	467.8	413.3	350.9	280.7	210.5	155.9	109.2	70.2	46.8	23.4	15.6
-30°	460.0	405.5	343.1	272.9	210.5	155.9	109.2	70.2	46.8	23.4	15.6
-32.5°	452.2	389.9	335.3	265.1	202.7	148.1	109.2	70.2	46.8	23.4	15.6
-35°	436.6	382.1	319.7	257.3	194.9	148.1	101.4	70.2	46.8	31.2	15.6
-37.5°	421.1	366.5	311.9	249.5	187.1	140.4	101.4	70.2	46.8	31.2	15.6
-40°	405.5	358.7	296.3	233.9	179.3	132.6	101.4	70.2	46.8	31.2	23.4
-42.5°	389.9	343.1	288.5	226.1	179.3	132.6	93.6	70.2	46.8	31.2	23.4
-45°	382.1	335.3	272.9	218.3	171.5	132.6	93.6	62.4	46.8	31.2	23.4
-47.5°	366.5	311.9	257.3	210.5	163.7	124.8	85.8	62.4	46.8	31.2	23.4
-50°	343.1	296.3	249.5	202.7	155.9	117.0	85.8	62.4	46.8	31.2	23.4
-52.5°	319.7	272.9	233.9	187.1	148.1	117.0	85.8	62.4	46.8	31.2	23.4
-55°	296.3	257.3	218.3	179.3	140.4	109.2	78.0	62.4	46.8	31.2	23.4
-57.5°	280.7	241.7	202.7	163.7	132.6	101.4	78.0	54.6	39.0	31.2	23.4
-60°	265.1	226.1	187.1	155.9	124.8	101.4	78.0	54.6	39.0	31.2	15.6
-62.5°	241.7	210.5	171.5	148.1	117.0	93.6	70.2	54.6	39.0	31.2	15.6
-65°	218.3	187.1	155.9	132.6	109.2	85.8	70.2	54.6	39.0	31.2	15.6
-67.5°	194.9	171.5	148.1	124.8	101.4	85.8	70.2	54.6	39.0	23.4	15.6
-70°	179.3	155.9	132.6	117.0	101.4	78.0	70.2	54.6	39.0	23.4	15.6
-72.5°	155.9	140.4	124.8	109.2	93.6	85.8	70.2	54.6	31.2	23.4	15.6
-75°	148.1	132.6	117.0	109.2	101.4	85.8	70.2	46.8	31.2	23.4	15.6
-77.5°	148.1	132.6	124.8	117.0	101.4	85.8	62.4	39.0	23.4	23.4	15.6
-80°	148.1	140.4	132.6	109.2	93.6	70.2	46.8	39.0	23.4	15.6	7.8
-82.5°	132.6	109.2	93.6	78.0	70.2	54.6	39.0	31.2	15.6	15.6	7.8
-85°	85.8	70.2	62.4	54.6	46.8	39.0	23.4	15.6	15.6	7.8	7.8
-87.5°	39.0	39.0	31.2	23.4	23.4	15.6	15.6	7.8	7.8	7.8	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: P724067  
 CATALOG NUMBER: IFLD-L-SA8D-727-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°	7.8	0.0	0.0	0.0
77.5°	7.8	0.0	0.0	0.0
75°	7.8	7.8	0.0	0.0
72.5°	7.8	7.8	0.0	0.0
70°	7.8	7.8	0.0	0.0
67.5°	7.8	7.8	0.0	0.0
65°	7.8	7.8	0.0	0.0
62.5°	7.8	7.8	0.0	0.0
60°	7.8	7.8	0.0	0.0
57.5°	7.8	7.8	7.8	0.0
55°	7.8	7.8	7.8	0.0
52.5°	7.8	7.8	7.8	0.0
50°	7.8	7.8	7.8	0.0
47.5°	7.8	7.8	7.8	0.0
45°	7.8	7.8	7.8	0.0
42.5°	7.8	7.8	7.8	0.0
40°	7.8	7.8	7.8	0.0
37.5°	7.8	7.8	7.8	0.0
35°	7.8	7.8	7.8	0.0
32.5°	7.8	7.8	7.8	0.0
30°	7.8	7.8	7.8	0.0
27.5°	7.8	7.8	7.8	0.0
25°	7.8	7.8	7.8	0.0
22.5°	7.8	7.8	7.8	0.0
20°	7.8	7.8	7.8	0.0
17.5°	7.8	7.8	7.8	0.0
15°	7.8	7.8	7.8	0.0
12.5°	7.8	7.8	7.8	0.0
10°	7.8	7.8	7.8	0.0
7.5°	7.8	7.8	7.8	0.0
5°	7.8	7.8	7.8	0.0
2.5°	7.8	7.8	7.8	0.0
0°	7.8	7.8	7.8	0.0
-2.5°	7.8	7.8	7.8	0.0
-5°	7.8	7.8	7.8	0.0
-7.5°	7.8	7.8	7.8	0.0
-10°	7.8	7.8	7.8	0.0
-12.5°	7.8	7.8	7.8	0.0
-15°	7.8	7.8	7.8	0.0
-17.5°	7.8	7.8	7.8	0.0
-20°	7.8	7.8	7.8	0.0



REPORT NUMBER: P724067  
CATALOG NUMBER: IFLD-L-SA8D-727-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	7.8	7.8	7.8	0.0
-25°	7.8	7.8	7.8	0.0
-27.5°	7.8	7.8	7.8	0.0
-30°	7.8	7.8	7.8	0.0
-32.5°	7.8	7.8	7.8	0.0
-35°	7.8	7.8	7.8	0.0
-37.5°	7.8	7.8	7.8	0.0
-40°	7.8	7.8	7.8	0.0
-42.5°	7.8	7.8	7.8	0.0
-45°	7.8	7.8	7.8	0.0
-47.5°	7.8	7.8	7.8	0.0
-50°	7.8	7.8	7.8	0.0
-52.5°	7.8	7.8	7.8	0.0
-55°	7.8	7.8	7.8	0.0
-57.5°	7.8	7.8	7.8	0.0
-60°	7.8	7.8	0.0	0.0
-62.5°	7.8	7.8	0.0	0.0
-65°	7.8	7.8	0.0	0.0
-67.5°	7.8	7.8	0.0	0.0
-70°	7.8	7.8	0.0	0.0
-72.5°	7.8	7.8	0.0	0.0
-75°	7.8	7.8	0.0	0.0
-77.5°	7.8	0.0	0.0	0.0
-80°	7.8	0.0	0.0	0.0
-82.5°	7.8	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)