

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: P724227

Luminaire Tested: **IFLD-S-SA6E-827-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724227  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6E-827-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (96) 2700K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

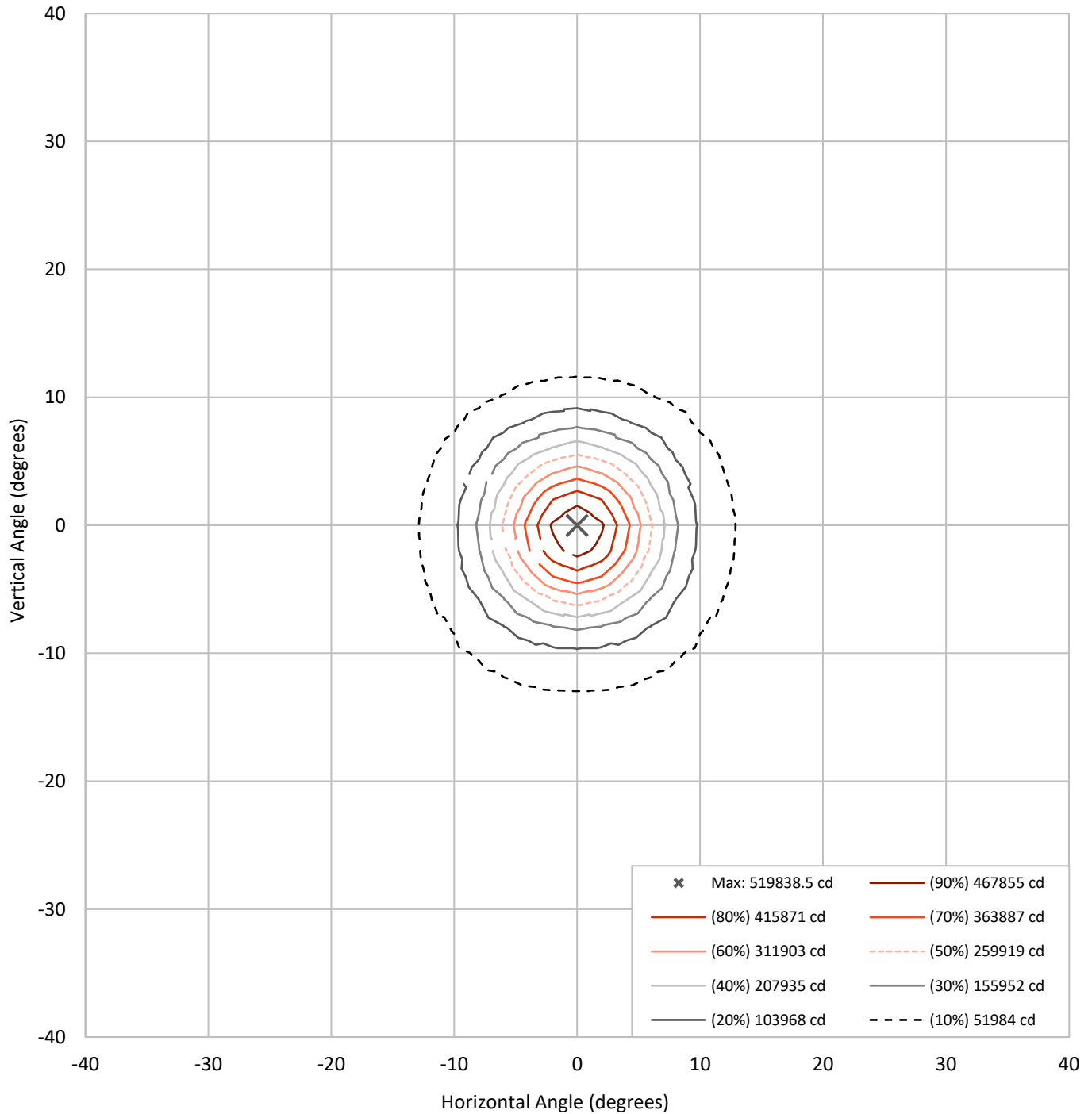
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	36310.9 lumens	Max Intensity:	519838.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	78.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	11359.7 lumens	Field Lumens:	25847.5 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 464.2  
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





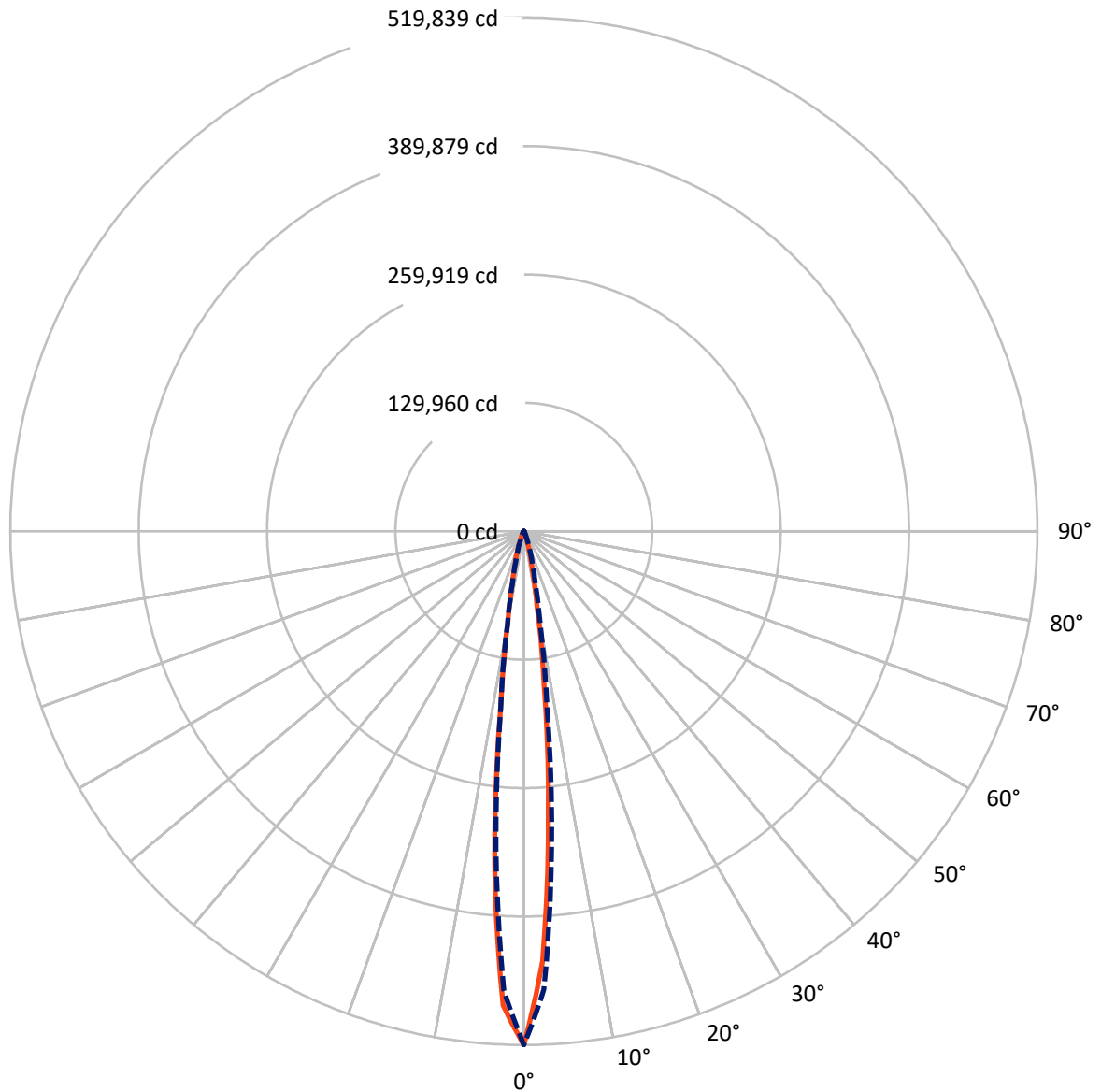
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### Lumen Table

90	0.2	2.2		1.9		0.8		0.1		0.8		1.9		2.2		0.2			
80	0.2	2.2		1.9		0.8		0.1		0.8		1.9		2.2		0.2			
70	0.3	0.4	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.3	0.2	0.3	0.4	0.4	0.4	0.3			
60		0.2	0.4	1.0	1.9	2.8	3.5	4.0	4.0	3.5	2.8	1.9	1.0	0.4	0.2				
50	0.2	0.3	1.2	3.0	5.2	7.3	9.6	11.4	11.4	9.6	7.3	5.2	3.0	1.2	0.3	0.2			
40		0.6	2.5	5.5	9.3	14.6	22.1	26.4	26.4	22.1	14.6	9.3	5.5	2.5	0.6				
30	0.4	1.1	3.9	8.0	14.6	25.1	48.4	78.2	78.2	48.4	25.1	14.6	8.0	3.9	1.1	0.4			
20		1.6	5.2	10.9	22.1	54.8	286.1	723.7	723.7	286.1	54.8	22.1	10.9	5.2	1.6				
10	0.6	2.0	6.2	12.9	27.0	111.2	921.4	5677.7	5677.7	921.4	111.2	27.0	12.9	6.2	2.0	0.6			
0		2.3	6.8	13.6	28.1	126.8	1013.9	6252.7	6252.7	1013.9	126.8	28.1	13.6	6.8	2.3				
-10	0.8	2.5	7.1	13.5	26.4	76.0	455.1	1096.6	1096.6	455.1	76.0	26.4	13.5	7.1	2.5	0.8			
-20		2.5	7.0	12.8	22.3	38.7	94.0	176.7	176.7	94.0	38.7	22.3	12.8	7.0	2.5				
-30	0.8	2.2	6.4	11.9	18.6	27.4	38.8	45.6	45.6	38.8	27.4	18.6	11.9	6.4	2.2	0.8			
-40		1.9	5.6	10.6	16.2	21.3	27.0	30.0	30.0	27.0	21.3	16.2	10.6	5.6	1.9				
-50	0.7	1.6	4.4	9.0	14.2	18.7	22.9	25.0	25.0	22.9	18.7	14.2	9.0	4.4	1.6	0.7			
-60		1.2	3.2	6.6	10.8	14.9	18.8	20.8	20.8	18.8	14.9	10.8	6.6	3.2	1.2				
-70	0.4	1.6	4.4	9.0	14.2	18.7	22.9	25.0	25.0	22.9	18.7	14.2	9.0	4.4	1.6	0.4			
-80		1.2	3.2	6.6	10.8	14.9	18.8	20.8	20.8	18.8	14.9	10.8	6.6	3.2	1.2				
-90	0.4	4.9		13.6		25.1		30.3		25.1		13.6		4.9		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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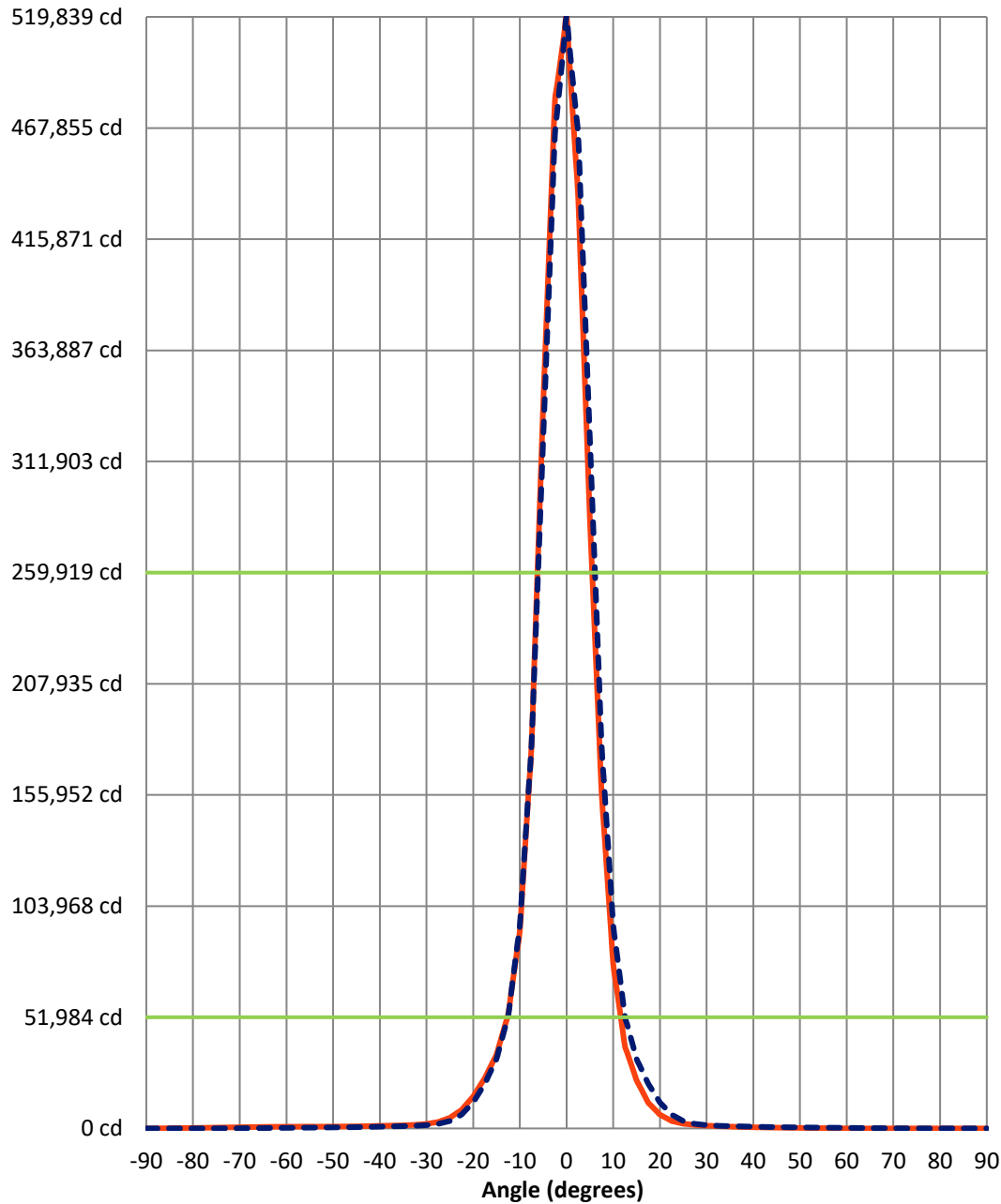
### Luminous Intensity Polar Plot



— 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: 11359.7  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 25847.5  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 10463.5  
 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	6.5	6.5
85°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	13.0	13.0
82.5°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	13.0	13.0	13.0
80°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	13.0	13.0	13.0
77.5°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	13.0
75°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5
72.5°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5
70°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5
67.5°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5
65°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5
62.5°	0.0	0.0	0.0	0.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5
60°	13.0	13.0	13.0	13.0	19.5	19.5	26.0	26.0	26.0	13.0	26.0
57.5°	104.1	104.1	97.6	91.1	84.6	78.1	78.1	78.1	78.1	78.1	65.1
55°	143.1	143.1	143.1	136.6	136.6	130.1	123.6	117.1	117.1	110.6	104.1
52.5°	169.1	169.1	169.1	169.1	162.6	162.6	162.6	156.1	143.1	143.1	136.6
50°	240.7	234.2	234.2	234.2	234.2	221.2	214.7	201.7	195.2	188.7	182.1
47.5°	312.3	312.3	305.7	305.7	299.2	286.2	273.2	260.2	247.2	240.7	227.7
45°	370.8	370.8	364.3	364.3	357.8	344.8	325.3	305.7	292.7	279.7	266.7
42.5°	455.4	448.9	442.4	435.8	422.8	403.3	377.3	351.3	331.8	312.3	299.2
40°	546.4	546.4	539.9	533.4	513.9	494.4	461.9	429.3	396.8	357.8	338.3
37.5°	657.0	663.5	670.0	670.0	657.0	631.0	585.5	546.4	494.4	442.4	416.3
35°	858.7	858.7	871.7	871.7	852.2	819.7	787.1	702.6	637.5	572.5	513.9
32.5°	1079.9	1086.4	1060.4	1040.8	1014.8	975.8	917.2	845.7	774.1	689.6	624.5
30°	1294.5	1294.5	1262.0	1223.0	1170.9	1105.9	1034.3	956.3	871.7	787.1	709.1
27.5°	1632.8	1600.3	1574.3	1509.2	1418.1	1294.5	1203.5	1079.9	969.3	871.7	787.1
25°	2192.3	2185.8	2127.2	2016.6	1834.5	1639.3	1489.7	1281.5	1112.4	962.8	865.2
22.5°	3486.8	3441.3	3304.7	3031.4	2602.1	2263.8	1958.1	1632.8	1327.1	1125.4	969.3
20°	6446.7	6297.1	5932.8	5178.2	4215.4	3551.8	2790.7	2244.3	1730.4	1353.1	1118.9
17.5°	12028.1	11930.6	11794.0	10050.6	8092.5	6687.4	4976.5	3441.3	2459.0	1769.4	1327.1
15°	22547.1	21825.0	20315.8	18227.6	15488.9	11969.6	8801.6	5555.5	3512.8	2354.9	1684.9
12.5°	38543.4	37743.3	33846.6	28623.0	23698.5	18689.5	13121.0	8443.8	5002.5	2992.4	1997.1
10°	76800.6	70991.4	60082.2	44840.5	34998.1	26098.9	18422.8	11520.7	6511.7	3779.5	2367.9
7.5°	157302.7	138320.5	106588.0	75245.9	48704.6	34230.5	23529.4	15066.1	8678.0	4729.3	2706.2
5°	285104.2	251426.7	189418.9	114056.0	70724.7	42901.9	27920.4	17915.4	10271.7	5503.4	3044.4
2.5°	435335.7	391770.3	273850.2	156834.3	87209.0	49615.3	30990.9	19788.9	11286.6	6030.3	3304.7
0°	519838.5	464349.0	322502.7	179557.0	95060.8	52464.6	32493.6	20914.3	12145.2	6459.7	3473.8
-2.5°	480202.2	435530.9	296384.2	166793.8	90838.9	51215.6	32708.2	21194.0	12288.4	6576.8	3551.8
-5°	338447.0	301783.6	205077.0	123085.2	77073.8	47175.8	30860.8	20140.2	11891.5	6407.6	3519.3
-7.5°	179056.1	162467.8	121621.6	88444.9	56257.1	39929.0	27783.8	18273.2	10863.7	5952.3	3324.2
-10°	92510.7	89108.5	76787.6	57883.4	45523.5	33449.8	23711.5	15625.5	9081.3	5126.1	2992.4
-12.5°	53336.3	52757.3	48795.6	41887.1	34907.0	27478.0	19457.1	12743.7	7578.6	4247.9	2524.0
-15°	34536.2	34783.4	33404.3	30529.0	26554.3	20563.0	14949.0	9478.1	5607.5	3441.3	2224.8
-17.5°	23568.4	23503.4	22859.3	20888.3	17687.7	13888.6	9907.4	6693.9	4247.9	2680.1	1847.5
-20°	14910.0	14936.0	14337.5	12977.9	10623.0	8560.9	6166.9	4514.6	3011.9	2107.7	1632.8



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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°	8651.9	8671.5	8294.2	7526.5	6290.5	5074.1	4007.2	2985.9	2218.3	1756.4	1431.1
-25°	4970.0	4891.9	4742.3	4371.5	3792.5	3129.0	2660.6	2101.2	1775.9	1489.7	1307.5
-27.5°	3011.9	2959.9	2881.8	2719.2	2491.5	2159.7	1945.1	1697.9	1509.2	1340.1	1229.5
-30°	2101.2	2120.7	2055.6	1971.1	1867.0	1717.4	1600.3	1483.2	1359.6	1255.5	1151.4
-32.5°	1671.8	1684.9	1652.3	1619.8	1567.8	1509.2	1437.7	1353.1	1255.5	1157.9	1060.4
-35°	1437.7	1444.2	1444.2	1437.7	1424.6	1379.1	1327.1	1249.0	1157.9	1066.9	982.3
-37.5°	1320.6	1327.1	1327.1	1320.6	1301.0	1262.0	1210.0	1144.9	1060.4	975.8	910.7
-40°	1197.0	1203.5	1197.0	1183.9	1164.4	1125.4	1086.4	1034.3	969.3	897.7	839.2
-42.5°	1079.9	1073.4	1066.9	1053.8	1034.3	1008.3	975.8	936.8	891.2	839.2	793.6
-45°	969.3	969.3	962.8	956.3	943.3	923.7	904.2	871.7	839.2	800.1	761.1
-47.5°	910.7	910.7	904.2	897.7	891.2	878.2	858.7	832.7	806.6	774.1	741.6
-50°	871.7	871.7	871.7	865.2	858.7	845.7	826.2	806.6	780.6	748.1	715.6
-52.5°	845.7	845.7	845.7	839.2	832.7	826.2	806.6	780.6	748.1	722.1	696.1
-55°	832.7	826.2	826.2	819.7	813.2	806.6	780.6	754.6	728.6	702.6	676.5
-57.5°	813.2	806.6	806.6	800.1	793.6	787.1	761.1	735.1	709.1	676.5	657.0
-60°	793.6	787.1	787.1	774.1	767.6	761.1	735.1	709.1	683.0	657.0	631.0
-62.5°	767.6	761.1	754.6	748.1	735.1	722.1	702.6	676.5	644.0	618.0	592.0
-65°	709.1	702.6	696.1	689.6	683.0	676.5	657.0	624.5	598.5	572.5	546.4
-67.5°	637.5	637.5	637.5	624.5	618.0	605.0	592.0	566.0	539.9	513.9	494.4
-70°	552.9	552.9	552.9	539.9	533.4	526.9	507.4	487.9	468.4	448.9	422.8
-72.5°	468.4	461.9	461.9	455.4	442.4	435.8	422.8	409.8	390.3	377.3	357.8
-75°	383.8	377.3	377.3	370.8	364.3	357.8	344.8	338.3	325.3	312.3	292.7
-77.5°	305.7	305.7	305.7	299.2	292.7	286.2	279.7	273.2	266.7	253.7	240.7
-80°	234.2	234.2	234.2	234.2	234.2	234.2	234.2	227.7	214.7	208.2	201.7
-82.5°	169.1	175.6	175.6	175.6	175.6	175.6	175.6	175.6	169.1	162.6	156.1
-85°	110.6	117.1	117.1	123.6	130.1	130.1	136.6	130.1	123.6	110.6	104.1
-87.5°	58.5	58.5	58.5	58.5	58.5	58.5	58.5	52.0	52.0	52.0	45.5
-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°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	13.0	13.0	13.0
85°	13.0	13.0	13.0	13.0	19.5	19.5	19.5	26.0	26.0	26.0	26.0
82.5°	13.0	19.5	19.5	19.5	26.0	26.0	32.5	39.0	52.0	58.5	58.5
80°	13.0	19.5	19.5	19.5	26.0	26.0	32.5	32.5	39.0	45.5	58.5
77.5°	13.0	13.0	19.5	19.5	19.5	26.0	26.0	32.5	32.5	39.0	45.5
75°	6.5	13.0	13.0	13.0	19.5	19.5	26.0	26.0	32.5	32.5	39.0
72.5°	6.5	13.0	13.0	13.0	19.5	19.5	26.0	26.0	26.0	32.5	32.5
70°	6.5	13.0	13.0	13.0	13.0	19.5	19.5	19.5	26.0	26.0	26.0
67.5°	6.5	6.5	6.5	13.0	13.0	13.0	13.0	19.5	19.5	19.5	26.0
65°	6.5	6.5	6.5	6.5	13.0	13.0	13.0	13.0	19.5	19.5	19.5
62.5°	6.5	6.5	6.5	13.0	13.0	13.0	13.0	13.0	19.5	19.5	19.5
60°	26.0	26.0	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
57.5°	58.5	58.5	52.0	45.5	39.0	39.0	32.5	26.0	26.0	19.5	19.5
55°	97.6	91.1	84.6	71.6	65.1	58.5	52.0	39.0	32.5	26.0	19.5
52.5°	123.6	117.1	110.6	104.1	91.1	78.1	71.6	65.1	52.0	39.0	32.5
50°	182.1	162.6	149.6	136.6	123.6	110.6	97.6	91.1	71.6	58.5	45.5
47.5°	221.2	208.2	188.7	175.6	162.6	143.1	123.6	110.6	97.6	78.1	58.5
45°	253.7	240.7	221.2	208.2	195.2	175.6	156.1	136.6	123.6	104.1	78.1
42.5°	286.2	273.2	253.7	240.7	221.2	201.7	182.1	162.6	143.1	130.1	104.1
40°	331.8	312.3	286.2	273.2	260.2	234.2	208.2	188.7	169.1	149.6	123.6
37.5°	390.3	370.8	338.3	312.3	292.7	273.2	247.2	221.2	201.7	175.6	149.6
35°	481.4	448.9	403.3	364.3	338.3	312.3	279.7	253.7	227.7	201.7	175.6
32.5°	572.5	520.4	461.9	416.3	377.3	344.8	312.3	286.2	253.7	221.2	195.2
30°	644.0	585.5	526.9	461.9	416.3	377.3	344.8	312.3	279.7	247.2	214.7
27.5°	715.6	650.5	585.5	520.4	455.4	403.3	370.8	338.3	305.7	273.2	234.2
25°	787.1	715.6	650.5	579.0	500.9	442.4	396.8	370.8	338.3	299.2	253.7
22.5°	852.2	787.1	722.1	644.0	552.9	474.9	429.3	396.8	364.3	318.8	279.7
20°	975.8	891.2	813.2	715.6	611.5	533.4	474.9	429.3	390.3	344.8	299.2
17.5°	1138.4	1014.8	910.7	800.1	696.1	598.5	513.9	461.9	422.8	370.8	318.8
15°	1346.6	1131.9	1001.8	891.2	767.6	657.0	566.0	494.4	442.4	390.3	344.8
12.5°	1502.7	1223.0	1079.9	975.8	845.7	722.1	605.0	520.4	461.9	409.8	357.8
10°	1678.3	1320.6	1144.9	1027.8	891.2	754.6	631.0	539.9	474.9	429.3	377.3
7.5°	1821.5	1398.6	1177.4	1047.3	917.2	780.6	657.0	559.4	494.4	442.4	390.3
5°	1951.6	1463.7	1203.5	1053.8	930.2	800.1	670.0	572.5	507.4	455.4	403.3
2.5°	2042.6	1522.2	1229.5	1066.9	943.3	813.2	689.6	585.5	520.4	468.4	416.3
0°	2120.7	1541.7	1223.0	1066.9	949.8	813.2	696.1	592.0	526.9	474.9	422.8
-2.5°	2146.7	1574.3	1255.5	1079.9	962.8	826.2	709.1	598.5	533.4	481.4	435.8
-5°	2146.7	1548.2	1255.5	1092.9	969.3	832.7	709.1	605.0	539.9	487.9	435.8
-7.5°	2068.7	1509.2	1249.0	1105.9	975.8	839.2	709.1	611.5	546.4	494.4	442.4
-10°	1932.0	1450.7	1242.5	1112.4	975.8	832.7	709.1	611.5	546.4	494.4	448.9
-12.5°	1710.9	1372.6	1210.0	1099.4	962.8	819.7	702.6	611.5	546.4	500.9	448.9
-15°	1600.3	1307.5	1170.9	1060.4	930.2	800.1	689.6	605.0	546.4	500.9	455.4
-17.5°	1450.7	1255.5	1131.9	1021.3	904.2	780.6	676.5	605.0	546.4	494.4	455.4
-20°	1346.6	1197.0	1086.4	988.8	871.7	761.1	670.0	598.5	546.4	494.4	455.4



REPORT NUMBER: P724227

CATALOG NUMBER: IFLD-S-SA6E-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°	1255.5	1131.9	1034.3	936.8	832.7	735.1	657.0	592.0	539.9	494.4	455.4
-25°	1183.9	1073.4	982.3	891.2	800.1	715.6	644.0	585.5	533.4	494.4	448.9
-27.5°	1118.9	1014.8	930.2	845.7	761.1	696.1	631.0	579.0	533.4	487.9	442.4
-30°	1047.3	962.8	878.2	800.1	741.6	676.5	618.0	566.0	526.9	481.4	435.8
-32.5°	975.8	897.7	826.2	767.6	715.6	663.5	611.5	559.4	513.9	468.4	422.8
-35°	910.7	839.2	787.1	735.1	696.1	650.5	598.5	546.4	507.4	461.9	422.8
-37.5°	845.7	793.6	748.1	709.1	670.0	631.0	579.0	533.4	494.4	448.9	403.3
-40°	793.6	754.6	722.1	689.6	650.5	605.0	566.0	520.4	481.4	435.8	383.8
-42.5°	761.1	728.6	696.1	663.5	631.0	592.0	552.9	507.4	468.4	422.8	370.8
-45°	728.6	702.6	676.5	650.5	618.0	579.0	533.4	487.9	448.9	403.3	364.3
-47.5°	709.1	683.0	657.0	637.5	611.5	559.4	520.4	474.9	429.3	390.3	344.8
-50°	689.6	663.5	644.0	618.0	585.5	539.9	500.9	455.4	416.3	370.8	331.8
-52.5°	670.0	644.0	618.0	592.0	559.4	520.4	481.4	442.4	396.8	351.3	312.3
-55°	650.5	624.5	598.5	572.5	539.9	507.4	468.4	416.3	370.8	325.3	286.2
-57.5°	631.0	611.5	579.0	546.4	513.9	481.4	435.8	390.3	344.8	299.2	266.7
-60°	605.0	579.0	552.9	513.9	481.4	442.4	403.3	364.3	318.8	279.7	247.2
-62.5°	566.0	539.9	513.9	474.9	442.4	409.8	377.3	331.8	299.2	260.2	227.7
-65°	520.4	494.4	468.4	435.8	403.3	370.8	344.8	305.7	273.2	240.7	214.7
-67.5°	468.4	442.4	422.8	390.3	364.3	331.8	305.7	273.2	240.7	214.7	188.7
-70°	403.3	383.8	364.3	338.3	312.3	286.2	260.2	234.2	208.2	188.7	162.6
-72.5°	344.8	325.3	305.7	286.2	266.7	240.7	221.2	201.7	182.1	162.6	149.6
-75°	279.7	266.7	253.7	240.7	221.2	201.7	188.7	169.1	156.1	143.1	136.6
-77.5°	234.2	221.2	208.2	195.2	182.1	169.1	156.1	143.1	136.6	130.1	123.6
-80°	188.7	182.1	175.6	162.6	156.1	143.1	136.6	123.6	123.6	123.6	123.6
-82.5°	149.6	143.1	136.6	130.1	123.6	117.1	117.1	110.6	117.1	117.1	110.6
-85°	104.1	97.6	91.1	91.1	84.6	84.6	78.1	78.1	78.1	71.6	71.6
-87.5°	45.5	45.5	45.5	45.5	39.0	39.0	39.0	39.0	39.0	32.5	32.5
-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: P724227  
 CATALOG NUMBER: IFLD-S-SA6E-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°	13.0	13.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5	0.0	0.0
85°	26.0	26.0	19.5	19.5	19.5	13.0	13.0	6.5	6.5	6.5	6.5
82.5°	58.5	52.0	45.5	39.0	32.5	26.0	19.5	13.0	13.0	6.5	6.5
80°	71.6	71.6	71.6	65.1	52.0	39.0	26.0	19.5	13.0	6.5	6.5
77.5°	52.0	52.0	58.5	65.1	65.1	52.0	32.5	19.5	13.0	13.0	6.5
75°	39.0	39.0	39.0	45.5	52.0	52.0	39.0	26.0	13.0	13.0	6.5
72.5°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	26.0	19.5	13.0	13.0
70°	32.5	32.5	32.5	32.5	32.5	32.5	32.5	26.0	19.5	13.0	13.0
67.5°	26.0	26.0	32.5	32.5	32.5	26.0	26.0	26.0	19.5	13.0	13.0
65°	19.5	26.0	26.0	32.5	26.0	26.0	26.0	19.5	19.5	13.0	13.0
62.5°	19.5	19.5	26.0	26.0	26.0	26.0	19.5	19.5	19.5	13.0	13.0
60°	19.5	19.5	19.5	26.0	19.5	19.5	19.5	19.5	19.5	13.0	13.0
57.5°	19.5	19.5	19.5	19.5	19.5	19.5	19.5	13.0	13.0	13.0	13.0
55°	19.5	19.5	19.5	19.5	19.5	19.5	13.0	13.0	13.0	13.0	13.0
52.5°	26.0	19.5	19.5	19.5	19.5	19.5	13.0	13.0	13.0	13.0	13.0
50°	32.5	19.5	19.5	19.5	19.5	13.0	13.0	13.0	13.0	13.0	13.0
47.5°	45.5	32.5	26.0	19.5	19.5	13.0	13.0	13.0	13.0	13.0	6.5
45°	65.1	45.5	32.5	26.0	19.5	13.0	13.0	13.0	13.0	13.0	6.5
42.5°	78.1	58.5	39.0	32.5	26.0	19.5	13.0	13.0	13.0	6.5	6.5
40°	97.6	78.1	52.0	39.0	26.0	19.5	13.0	13.0	13.0	6.5	6.5
37.5°	123.6	97.6	65.1	45.5	32.5	19.5	19.5	13.0	13.0	6.5	6.5
35°	143.1	110.6	84.6	52.0	39.0	26.0	19.5	13.0	13.0	6.5	6.5
32.5°	162.6	130.1	104.1	65.1	45.5	32.5	26.0	13.0	13.0	6.5	6.5
30°	182.1	149.6	117.1	84.6	58.5	39.0	26.0	13.0	13.0	6.5	6.5
27.5°	201.7	162.6	130.1	97.6	65.1	45.5	32.5	19.5	13.0	6.5	6.5
25°	221.2	182.1	143.1	110.6	71.6	52.0	32.5	19.5	13.0	13.0	6.5
22.5°	234.2	201.7	162.6	123.6	84.6	58.5	39.0	26.0	13.0	13.0	6.5
20°	253.7	221.2	175.6	136.6	97.6	65.1	39.0	26.0	13.0	13.0	6.5
17.5°	273.2	234.2	188.7	149.6	110.6	71.6	45.5	32.5	13.0	13.0	6.5
15°	292.7	247.2	201.7	156.1	117.1	78.1	45.5	32.5	13.0	13.0	6.5
12.5°	312.3	266.7	214.7	169.1	123.6	84.6	52.0	39.0	19.5	13.0	6.5
10°	325.3	279.7	227.7	175.6	130.1	97.6	58.5	39.0	19.5	13.0	6.5
7.5°	344.8	292.7	240.7	188.7	136.6	104.1	65.1	39.0	19.5	13.0	6.5
5°	351.3	305.7	247.2	201.7	143.1	110.6	71.6	45.5	19.5	13.0	6.5
2.5°	357.8	318.8	253.7	208.2	149.6	110.6	71.6	45.5	26.0	13.0	6.5
0°	364.3	325.3	260.2	214.7	156.1	117.1	78.1	45.5	26.0	13.0	6.5
-2.5°	370.8	331.8	273.2	221.2	162.6	123.6	84.6	45.5	26.0	13.0	6.5
-5°	377.3	331.8	286.2	227.7	169.1	123.6	84.6	52.0	32.5	13.0	6.5
-7.5°	383.8	338.3	292.7	234.2	175.6	123.6	91.1	52.0	32.5	19.5	6.5
-10°	390.3	344.8	299.2	240.7	175.6	130.1	91.1	52.0	32.5	19.5	6.5
-12.5°	396.8	351.3	299.2	240.7	182.1	130.1	91.1	58.5	32.5	19.5	6.5
-15°	403.3	351.3	299.2	240.7	182.1	136.6	97.6	58.5	32.5	19.5	13.0
-17.5°	403.3	351.3	299.2	247.2	182.1	136.6	97.6	58.5	32.5	19.5	13.0
-20°	403.3	351.3	299.2	247.2	182.1	136.6	97.6	58.5	32.5	19.5	13.0



REPORT NUMBER: P724227  
 CATALOG NUMBER: IFLD-S-SA6E-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°	396.8	344.8	299.2	240.7	182.1	136.6	97.6	58.5	39.0	19.5	13.0
-25°	396.8	344.8	299.2	240.7	182.1	136.6	91.1	58.5	39.0	19.5	13.0
-27.5°	390.3	344.8	292.7	234.2	175.6	130.1	91.1	58.5	39.0	19.5	13.0
-30°	383.8	338.3	286.2	227.7	175.6	130.1	91.1	58.5	39.0	19.5	13.0
-32.5°	377.3	325.3	279.7	221.2	169.1	123.6	91.1	58.5	39.0	19.5	13.0
-35°	364.3	318.8	266.7	214.7	162.6	123.6	84.6	58.5	39.0	26.0	13.0
-37.5°	351.3	305.7	260.2	208.2	156.1	117.1	84.6	58.5	39.0	26.0	13.0
-40°	338.3	299.2	247.2	195.2	149.6	110.6	84.6	58.5	39.0	26.0	19.5
-42.5°	325.3	286.2	240.7	188.7	149.6	110.6	78.1	58.5	39.0	26.0	19.5
-45°	318.8	279.7	227.7	182.1	143.1	110.6	78.1	52.0	39.0	26.0	19.5
-47.5°	305.7	260.2	214.7	175.6	136.6	104.1	71.6	52.0	39.0	26.0	19.5
-50°	286.2	247.2	208.2	169.1	130.1	97.6	71.6	52.0	39.0	26.0	19.5
-52.5°	266.7	227.7	195.2	156.1	123.6	97.6	71.6	52.0	39.0	26.0	19.5
-55°	247.2	214.7	182.1	149.6	117.1	91.1	65.1	52.0	39.0	26.0	19.5
-57.5°	234.2	201.7	169.1	136.6	110.6	84.6	65.1	45.5	32.5	26.0	19.5
-60°	221.2	188.7	156.1	130.1	104.1	84.6	65.1	45.5	32.5	26.0	13.0
-62.5°	201.7	175.6	143.1	123.6	97.6	78.1	58.5	45.5	32.5	26.0	13.0
-65°	182.1	156.1	130.1	110.6	91.1	71.6	58.5	45.5	32.5	26.0	13.0
-67.5°	162.6	143.1	123.6	104.1	84.6	71.6	58.5	45.5	32.5	19.5	13.0
-70°	149.6	130.1	110.6	97.6	84.6	65.1	58.5	45.5	32.5	19.5	13.0
-72.5°	130.1	117.1	104.1	91.1	78.1	71.6	58.5	45.5	26.0	19.5	13.0
-75°	123.6	110.6	97.6	91.1	84.6	71.6	58.5	39.0	26.0	19.5	13.0
-77.5°	123.6	110.6	104.1	97.6	84.6	71.6	52.0	32.5	19.5	19.5	13.0
-80°	123.6	117.1	110.6	91.1	78.1	58.5	39.0	32.5	19.5	13.0	6.5
-82.5°	110.6	91.1	78.1	65.1	58.5	45.5	32.5	26.0	13.0	13.0	6.5
-85°	71.6	58.5	52.0	45.5	39.0	32.5	19.5	13.0	13.0	6.5	6.5
-87.5°	32.5	32.5	26.0	19.5	19.5	13.0	13.0	6.5	6.5	6.5	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: P724227  
 CATALOG NUMBER: IFLD-S-SA6E-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°	6.5	0.0	0.0	0.0
77.5°	6.5	0.0	0.0	0.0
75°	6.5	6.5	0.0	0.0
72.5°	6.5	6.5	0.0	0.0
70°	6.5	6.5	0.0	0.0
67.5°	6.5	6.5	0.0	0.0
65°	6.5	6.5	0.0	0.0
62.5°	6.5	6.5	0.0	0.0
60°	6.5	6.5	0.0	0.0
57.5°	6.5	6.5	6.5	0.0
55°	6.5	6.5	6.5	0.0
52.5°	6.5	6.5	6.5	0.0
50°	6.5	6.5	6.5	0.0
47.5°	6.5	6.5	6.5	0.0
45°	6.5	6.5	6.5	0.0
42.5°	6.5	6.5	6.5	0.0
40°	6.5	6.5	6.5	0.0
37.5°	6.5	6.5	6.5	0.0
35°	6.5	6.5	6.5	0.0
32.5°	6.5	6.5	6.5	0.0
30°	6.5	6.5	6.5	0.0
27.5°	6.5	6.5	6.5	0.0
25°	6.5	6.5	6.5	0.0
22.5°	6.5	6.5	6.5	0.0
20°	6.5	6.5	6.5	0.0
17.5°	6.5	6.5	6.5	0.0
15°	6.5	6.5	6.5	0.0
12.5°	6.5	6.5	6.5	0.0
10°	6.5	6.5	6.5	0.0
7.5°	6.5	6.5	6.5	0.0
5°	6.5	6.5	6.5	0.0
2.5°	6.5	6.5	6.5	0.0
0°	6.5	6.5	6.5	0.0
-2.5°	6.5	6.5	6.5	0.0
-5°	6.5	6.5	6.5	0.0
-7.5°	6.5	6.5	6.5	0.0
-10°	6.5	6.5	6.5	0.0
-12.5°	6.5	6.5	6.5	0.0
-15°	6.5	6.5	6.5	0.0
-17.5°	6.5	6.5	6.5	0.0
-20°	6.5	6.5	6.5	0.0



REPORT NUMBER: P724227

CATALOG NUMBER: IFLD-S-SA6E-827-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	6.5	6.5	6.5	0.0
-25°	6.5	6.5	6.5	0.0
-27.5°	6.5	6.5	6.5	0.0
-30°	6.5	6.5	6.5	0.0
-32.5°	6.5	6.5	6.5	0.0
-35°	6.5	6.5	6.5	0.0
-37.5°	6.5	6.5	6.5	0.0
-40°	6.5	6.5	6.5	0.0
-42.5°	6.5	6.5	6.5	0.0
-45°	6.5	6.5	6.5	0.0
-47.5°	6.5	6.5	6.5	0.0
-50°	6.5	6.5	6.5	0.0
-52.5°	6.5	6.5	6.5	0.0
-55°	6.5	6.5	6.5	0.0
-57.5°	6.5	6.5	6.5	0.0
-60°	6.5	6.5	0.0	0.0
-62.5°	6.5	6.5	0.0	0.0
-65°	6.5	6.5	0.0	0.0
-67.5°	6.5	6.5	0.0	0.0
-70°	6.5	6.5	0.0	0.0
-72.5°	6.5	6.5	0.0	0.0
-75°	6.5	6.5	0.0	0.0
-77.5°	6.5	0.0	0.0	0.0
-80°	6.5	0.0	0.0	0.0
-82.5°	6.5	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)