

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: P724120

Luminaire Tested: **IFLD-L-SA7D-735-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724120  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7D-735-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (112) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

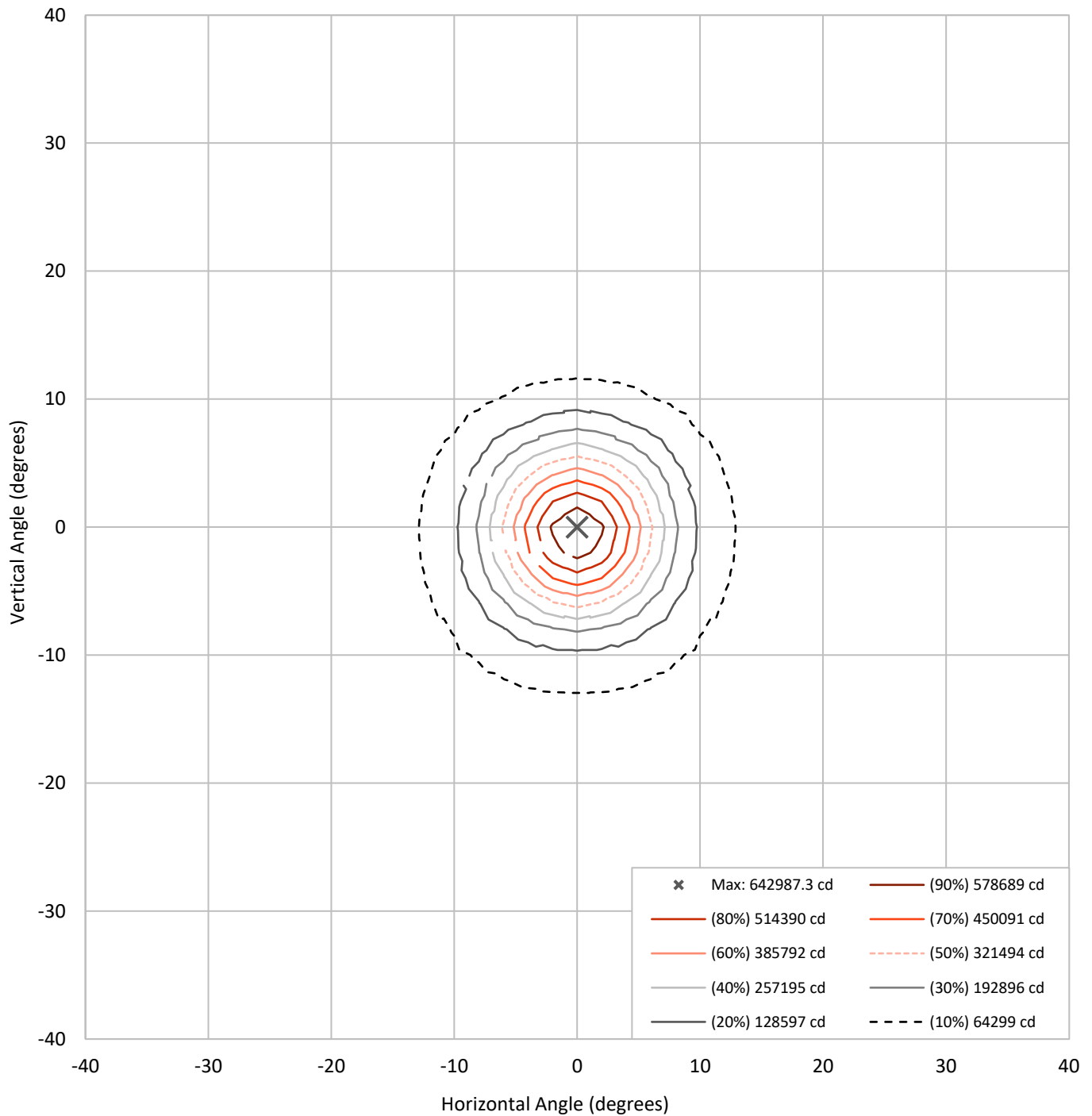
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	44912.9 lumens	Max Intensity:	642987.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	14050.8 lumens	Field Lumens:	31970.7 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 422.6  
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





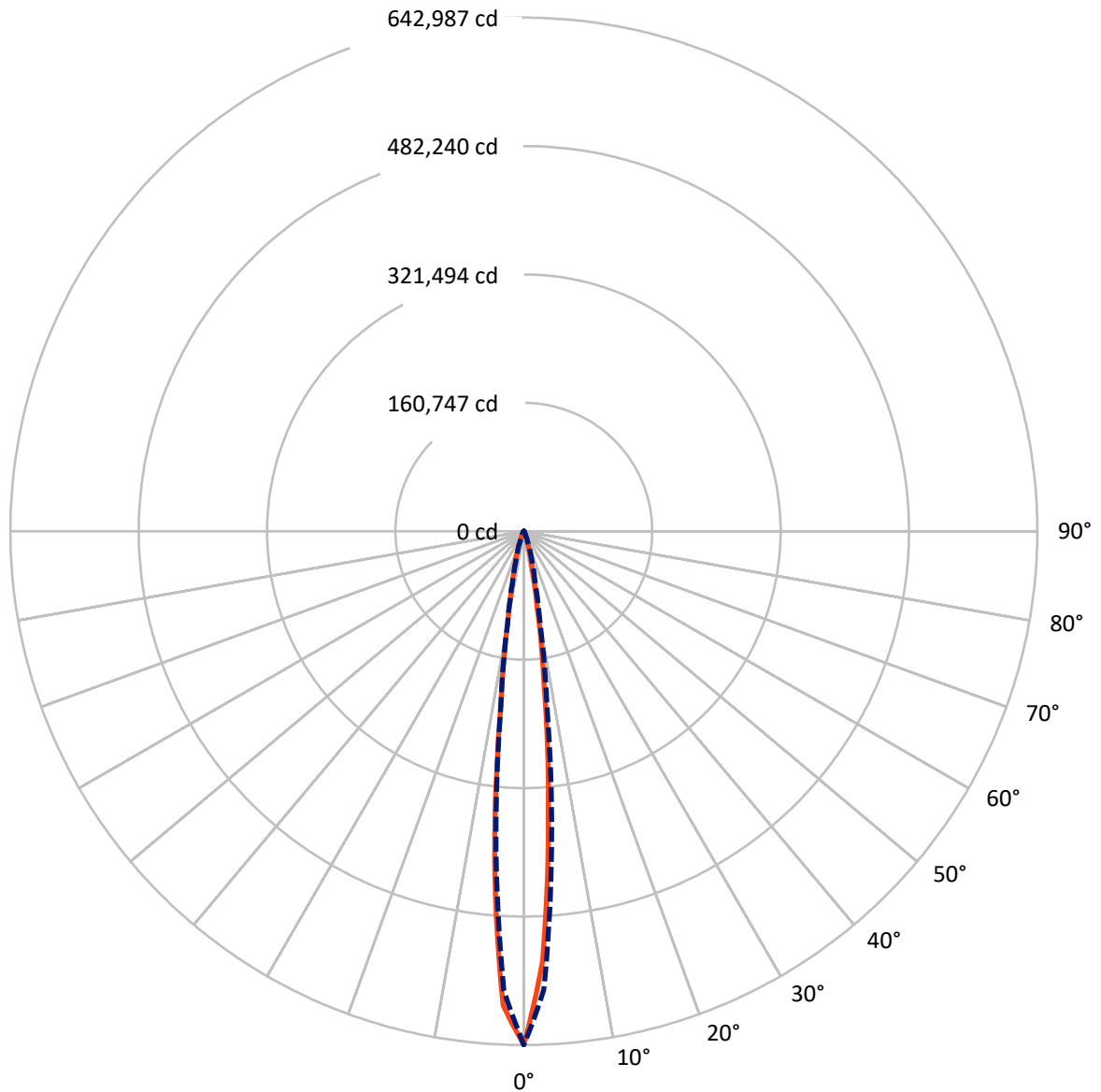
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### Lumen Table

90	0.3	2.7		2.3		1.0		0.1		1.0		2.3		2.7		0.3			
80	0.3	2.7		2.3		1.0		0.1		1.0		2.3		2.7		0.3			
70	0.4	0.4	0.5	0.5	0.4	0.3	0.3	0.1	0.1	0.3	0.3	0.4	0.5	0.5	0.4	0.4			
60		0.3	0.5	1.2	2.3	3.5	4.4	5.0	5.0	4.4	3.5	2.3	1.2	0.5	0.3				
50	0.3	0.4	1.4	3.7	6.4	9.1	11.9	14.1	14.1	11.9	9.1	6.4	3.7	1.4	0.4	0.3			
40		0.7	3.1	6.8	11.5	18.1	27.3	32.6	32.6	27.3	18.1	11.5	6.8	3.1	0.7				
30	0.5	1.4	4.8	9.9	18.0	31.1	59.9	96.7	96.7	59.9	31.1	18.0	9.9	4.8	1.4	0.5			
20		2.0	6.4	13.5	27.3	67.7	353.9	895.2	895.2	353.9	67.7	27.3	13.5	6.4	2.0				
10	0.7	2.5	7.7	15.9	33.4	137.6	1139.6	7022.8	7022.8	1139.6	137.6	33.4	15.9	7.7	2.5	0.7			
0		2.9	8.4	16.8	34.8	156.8	1254.0	7734.0	7734.0	1254.0	156.8	34.8	16.8	8.4	2.9				
-10	0.9	3.1	8.7	16.7	32.6	94.0	562.9	1356.4	1356.4	562.9	94.0	32.6	16.7	8.7	3.1	0.9			
-20		3.1	8.6	15.8	27.6	47.9	116.3	218.5	218.5	116.3	47.9	27.6	15.8	8.6	3.1				
-30	0.9	2.8	8.0	14.7	23.0	33.9	48.0	56.4	56.4	48.0	33.9	23.0	14.7	8.0	2.8	0.9			
-40		2.4	6.9	13.1	20.0	26.4	33.4	37.1	37.1	33.4	26.4	20.0	13.1	6.9	2.4				
-50	0.8	2.0	5.5	11.1	17.5	23.1	28.3	30.9	30.9	28.3	23.1	17.5	11.1	5.5	2.0	0.8			
-60		1.5	4.0	8.1	13.4	18.4	23.2	25.7	25.7	23.2	18.4	13.4	8.1	4.0	1.5				
-70	0.4	6.1		16.8		31.0		37.4		31.0		16.8		6.1		0.4			
-80		6.1		16.8		31.0		37.4		31.0		16.8		6.1					
-90	0.4	6.1		16.8		31.0		37.4		31.0		16.8		6.1		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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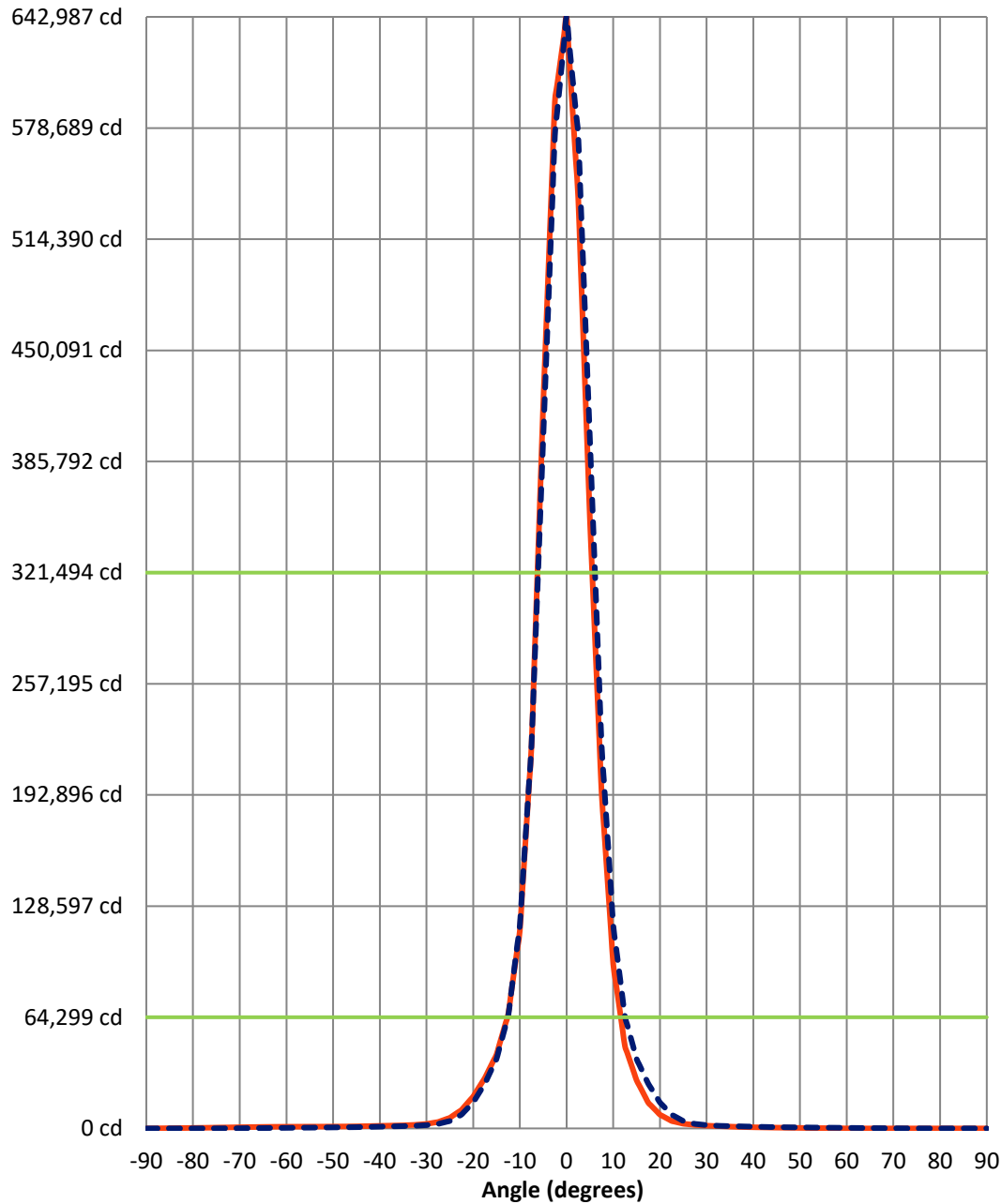
### Luminous Intensity Polar Plot



— 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: 14050.8  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 31970.7  
Efficiency: 71.2%

**Spill:**  
Lumens: 12942.2  
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	8.0	8.0
85°	0.0	0.0	0.0	0.0	8.0	8.0	8.0	8.0	8.0	16.1	16.1
82.5°	0.0	0.0	0.0	0.0	8.0	8.0	8.0	8.0	16.1	16.1	16.1
80°	0.0	0.0	0.0	0.0	8.0	8.0	8.0	8.0	16.1	16.1	16.1
77.5°	0.0	0.0	0.0	0.0	8.0	8.0	8.0	8.0	8.0	8.0	16.1
75°	0.0	0.0	0.0	0.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
72.5°	0.0	0.0	0.0	0.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
70°	0.0	0.0	0.0	0.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
67.5°	0.0	0.0	0.0	0.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
65°	0.0	0.0	0.0	0.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
62.5°	0.0	0.0	0.0	0.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
60°	16.1	16.1	16.1	16.1	24.1	24.1	32.2	32.2	32.2	16.1	32.2
57.5°	128.7	128.7	120.7	112.6	104.6	96.6	96.6	96.6	96.6	96.6	80.5
55°	177.0	177.0	177.0	169.0	169.0	160.9	152.9	144.8	144.8	136.8	128.7
52.5°	209.2	209.2	209.2	209.2	201.2	201.2	201.2	193.1	177.0	177.0	169.0
50°	297.7	289.7	289.7	289.7	289.7	273.6	265.5	249.4	241.4	233.3	225.3
47.5°	386.2	386.2	378.2	378.2	370.1	354.0	337.9	321.9	305.8	297.7	281.6
45°	458.6	458.6	450.6	450.6	442.5	426.5	402.3	378.2	362.1	346.0	329.9
42.5°	563.2	555.2	547.1	539.1	523.0	498.9	466.7	434.5	410.4	386.2	370.1
40°	675.9	675.9	667.8	659.8	635.7	611.5	571.3	531.1	490.8	442.5	418.4
37.5°	812.7	820.7	828.8	828.8	812.7	780.5	724.2	675.9	611.5	547.1	515.0
35°	1062.1	1062.1	1078.2	1078.2	1054.1	1013.8	973.6	869.0	788.5	708.1	635.7
32.5°	1335.7	1343.7	1311.5	1287.4	1255.2	1206.9	1134.5	1046.0	957.5	852.9	772.4
30°	1601.2	1601.2	1561.0	1512.7	1448.3	1367.9	1279.4	1182.8	1078.2	973.6	877.0
27.5°	2019.6	1979.4	1947.2	1866.7	1754.1	1601.2	1488.6	1335.7	1198.9	1078.2	973.6
25°	2711.6	2703.6	2631.1	2494.4	2269.1	2027.7	1842.6	1585.1	1375.9	1190.9	1070.2
22.5°	4312.8	4256.5	4087.5	3749.6	3218.5	2800.1	2421.9	2019.6	1641.4	1392.0	1198.9
20°	7973.9	7788.8	7338.2	6404.8	5214.0	4393.3	3451.9	2776.0	2140.3	1673.6	1384.0
17.5°	14877.6	14756.9	14587.9	12431.5	10009.6	8271.6	6155.4	4256.5	3041.5	2188.6	1641.4
15°	27888.5	26995.3	25128.6	22545.7	19158.2	14805.2	10886.6	6871.5	4345.0	2912.8	2084.0
12.5°	47674.3	46684.6	41864.9	35403.7	29312.6	23117.0	16229.4	10444.1	6187.6	3701.3	2470.2
10°	94994.5	87809.2	74315.6	55463.1	43289.1	32281.7	22787.1	14250.0	8054.3	4674.9	2928.9
7.5°	194567.4	171088.3	131838.5	93071.5	60242.6	42339.6	29103.4	18635.2	10733.8	5849.7	3347.3
5°	352644.9	310989.2	234292.0	141075.6	87479.3	53065.3	34534.7	22159.5	12705.1	6807.2	3765.7
2.5°	538466.0	484579.9	338724.8	193988.1	107868.6	61369.1	38332.5	24476.8	13960.3	7458.9	4087.5
0°	642987.3	574352.4	398903.0	222093.8	117580.5	64893.4	40191.2	25868.8	15022.4	7990.0	4296.7
-2.5°	593961.2	538707.3	366597.1	206306.9	112358.4	63348.5	40456.8	26214.8	15199.4	8134.8	4393.3
-5°	418624.5	373275.6	253659.4	152243.9	95332.5	58351.7	38171.6	24911.3	14708.6	7925.6	4353.0
-7.5°	221474.2	200956.2	150433.5	109397.4	69584.3	49388.1	34365.7	22602.0	13437.3	7362.4	4111.7
-10°	114426.3	110218.1	94978.4	71595.9	56308.0	41374.0	29328.7	19327.2	11232.6	6340.5	3701.3
-12.5°	65971.6	65255.4	60355.2	51810.1	43176.4	33987.5	24066.5	15762.7	9373.9	5254.2	3122.0
-15°	42717.8	43023.5	41317.7	37761.3	32845.0	25434.3	18490.4	11723.4	6935.9	4256.5	2751.8
-17.5°	29151.7	29071.3	28274.7	25836.6	21877.9	17178.8	12254.5	8279.6	5254.2	3315.1	2285.1
-20°	18442.1	18474.3	17734.0	16052.4	13139.6	10588.9	7627.9	5584.1	3725.4	2607.0	2019.6



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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°	10701.6	10725.7	10259.0	9309.6	7780.8	6276.1	4956.5	3693.2	2743.8	2172.5	1770.2
-25°	6147.4	6050.8	5865.7	5407.1	4691.0	3870.3	3290.9	2599.0	2196.6	1842.6	1617.3
-27.5°	3725.4	3661.1	3564.5	3363.4	3081.7	2671.4	2405.8	2100.1	1866.7	1657.5	1520.7
-30°	2599.0	2623.1	2542.6	2438.0	2309.3	2124.2	1979.4	1834.6	1681.7	1552.9	1424.2
-32.5°	2067.9	2084.0	2043.8	2003.5	1939.2	1866.7	1778.2	1673.6	1552.9	1432.2	1311.5
-35°	1778.2	1786.3	1786.3	1778.2	1762.1	1705.8	1641.4	1544.9	1432.2	1319.6	1215.0
-37.5°	1633.4	1641.4	1641.4	1633.4	1609.3	1561.0	1496.6	1416.1	1311.5	1206.9	1126.5
-40°	1480.5	1488.6	1480.5	1464.4	1440.3	1392.0	1343.7	1279.4	1198.9	1110.4	1038.0
-42.5°	1335.7	1327.6	1319.6	1303.5	1279.4	1247.2	1206.9	1158.7	1102.3	1038.0	981.6
-45°	1198.9	1198.9	1190.9	1182.8	1166.7	1142.6	1118.4	1078.2	1038.0	989.7	941.4
-47.5°	1126.5	1126.5	1118.4	1110.4	1102.3	1086.2	1062.1	1029.9	997.7	957.5	917.3
-50°	1078.2	1078.2	1078.2	1070.2	1062.1	1046.0	1021.9	997.7	965.6	925.3	885.1
-52.5°	1046.0	1046.0	1046.0	1038.0	1029.9	1021.9	997.7	965.6	925.3	893.1	861.0
-55°	1029.9	1021.9	1021.9	1013.8	1005.8	997.7	965.6	933.4	901.2	869.0	836.8
-57.5°	1005.8	997.7	997.7	989.7	981.6	973.6	941.4	909.2	877.0	836.8	812.7
-60°	981.6	973.6	973.6	957.5	949.5	941.4	909.2	877.0	844.9	812.7	780.5
-62.5°	949.5	941.4	933.4	925.3	909.2	893.1	869.0	836.8	796.6	764.4	732.2
-65°	877.0	869.0	861.0	852.9	844.9	836.8	812.7	772.4	740.3	708.1	675.9
-67.5°	788.5	788.5	788.5	772.4	764.4	748.3	732.2	700.0	667.8	635.7	611.5
-70°	683.9	683.9	683.9	667.8	659.8	651.7	627.6	603.5	579.3	555.2	523.0
-72.5°	579.3	571.3	571.3	563.2	547.1	539.1	523.0	506.9	482.8	466.7	442.5
-75°	474.7	466.7	466.7	458.6	450.6	442.5	426.5	418.4	402.3	386.2	362.1
-77.5°	378.2	378.2	378.2	370.1	362.1	354.0	346.0	337.9	329.9	313.8	297.7
-80°	289.7	289.7	289.7	289.7	289.7	289.7	289.7	281.6	265.5	257.5	249.4
-82.5°	209.2	217.2	217.2	217.2	217.2	217.2	217.2	217.2	209.2	201.2	193.1
-85°	136.8	144.8	144.8	152.9	160.9	160.9	169.0	160.9	152.9	136.8	128.7
-87.5°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	64.4	64.4	64.4	56.3
-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°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	16.1	16.1	16.1
85°	16.1	16.1	16.1	16.1	24.1	24.1	24.1	32.2	32.2	32.2	32.2
82.5°	16.1	24.1	24.1	24.1	32.2	32.2	40.2	48.3	64.4	72.4	72.4
80°	16.1	24.1	24.1	24.1	32.2	32.2	40.2	40.2	48.3	56.3	72.4
77.5°	16.1	16.1	24.1	24.1	24.1	32.2	32.2	40.2	40.2	48.3	56.3
75°	8.0	16.1	16.1	16.1	24.1	24.1	32.2	32.2	40.2	40.2	48.3
72.5°	8.0	16.1	16.1	16.1	24.1	24.1	32.2	32.2	32.2	40.2	40.2
70°	8.0	16.1	16.1	16.1	16.1	24.1	24.1	24.1	32.2	32.2	32.2
67.5°	8.0	8.0	8.0	16.1	16.1	16.1	16.1	24.1	24.1	24.1	32.2
65°	8.0	8.0	8.0	8.0	16.1	16.1	16.1	16.1	24.1	24.1	24.1
62.5°	8.0	8.0	8.0	16.1	16.1	16.1	16.1	16.1	24.1	24.1	24.1
60°	32.2	32.2	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
57.5°	72.4	72.4	64.4	56.3	48.3	48.3	40.2	32.2	32.2	24.1	24.1
55°	120.7	112.6	104.6	88.5	80.5	72.4	64.4	48.3	40.2	32.2	24.1
52.5°	152.9	144.8	136.8	128.7	112.6	96.6	88.5	80.5	64.4	48.3	40.2
50°	225.3	201.2	185.1	169.0	152.9	136.8	120.7	112.6	88.5	72.4	56.3
47.5°	273.6	257.5	233.3	217.2	201.2	177.0	152.9	136.8	120.7	96.6	72.4
45°	313.8	297.7	273.6	257.5	241.4	217.2	193.1	169.0	152.9	128.7	96.6
42.5°	354.0	337.9	313.8	297.7	273.6	249.4	225.3	201.2	177.0	160.9	128.7
40°	410.4	386.2	354.0	337.9	321.9	289.7	257.5	233.3	209.2	185.1	152.9
37.5°	482.8	458.6	418.4	386.2	362.1	337.9	305.8	273.6	249.4	217.2	185.1
35°	595.4	555.2	498.9	450.6	418.4	386.2	346.0	313.8	281.6	249.4	217.2
32.5°	708.1	643.7	571.3	515.0	466.7	426.5	386.2	354.0	313.8	273.6	241.4
30°	796.6	724.2	651.7	571.3	515.0	466.7	426.5	386.2	346.0	305.8	265.5
27.5°	885.1	804.6	724.2	643.7	563.2	498.9	458.6	418.4	378.2	337.9	289.7
25°	973.6	885.1	804.6	716.1	619.6	547.1	490.8	458.6	418.4	370.1	313.8
22.5°	1054.1	973.6	893.1	796.6	683.9	587.4	531.1	490.8	450.6	394.3	346.0
20°	1206.9	1102.3	1005.8	885.1	756.4	659.8	587.4	531.1	482.8	426.5	370.1
17.5°	1408.1	1255.2	1126.5	989.7	861.0	740.3	635.7	571.3	523.0	458.6	394.3
15°	1665.6	1400.1	1239.1	1102.3	949.5	812.7	700.0	611.5	547.1	482.8	426.5
12.5°	1858.7	1512.7	1335.7	1206.9	1046.0	893.1	748.3	643.7	571.3	506.9	442.5
10°	2075.9	1633.4	1416.1	1271.3	1102.3	933.4	780.5	667.8	587.4	531.1	466.7
7.5°	2253.0	1730.0	1456.4	1295.5	1134.5	965.6	812.7	692.0	611.5	547.1	482.8
5°	2413.9	1810.4	1488.6	1303.5	1150.6	989.7	828.8	708.1	627.6	563.2	498.9
2.5°	2526.5	1882.8	1520.7	1319.6	1166.7	1005.8	852.9	724.2	643.7	579.3	515.0
0°	2623.1	1907.0	1512.7	1319.6	1174.8	1005.8	861.0	732.2	651.7	587.4	523.0
-2.5°	2655.3	1947.2	1552.9	1335.7	1190.9	1021.9	877.0	740.3	659.8	595.4	539.1
-5°	2655.3	1915.0	1552.9	1351.8	1198.9	1029.9	877.0	748.3	667.8	603.5	539.1
-7.5°	2558.7	1866.7	1544.9	1367.9	1206.9	1038.0	877.0	756.4	675.9	611.5	547.1
-10°	2389.7	1794.3	1536.8	1375.9	1206.9	1029.9	877.0	756.4	675.9	611.5	555.2
-12.5°	2116.2	1697.8	1496.6	1359.8	1190.9	1013.8	869.0	756.4	675.9	619.6	555.2
-15°	1979.4	1617.3	1448.3	1311.5	1150.6	989.7	852.9	748.3	675.9	619.6	563.2
-17.5°	1794.3	1552.9	1400.1	1263.3	1118.4	965.6	836.8	748.3	675.9	611.5	563.2
-20°	1665.6	1480.5	1343.7	1223.0	1078.2	941.4	828.8	740.3	675.9	611.5	563.2



REPORT NUMBER: P724120  
 CATALOG NUMBER: IFLD-L-SA7D-735-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°	1552.9	1400.1	1279.4	1158.7	1029.9	909.2	812.7	732.2	667.8	611.5	563.2
-25°	1464.4	1327.6	1215.0	1102.3	989.7	885.1	796.6	724.2	659.8	611.5	555.2
-27.5°	1384.0	1255.2	1150.6	1046.0	941.4	861.0	780.5	716.1	659.8	603.5	547.1
-30°	1295.5	1190.9	1086.2	989.7	917.3	836.8	764.4	700.0	651.7	595.4	539.1
-32.5°	1206.9	1110.4	1021.9	949.5	885.1	820.7	756.4	692.0	635.7	579.3	523.0
-35°	1126.5	1038.0	973.6	909.2	861.0	804.6	740.3	675.9	627.6	571.3	523.0
-37.5°	1046.0	981.6	925.3	877.0	828.8	780.5	716.1	659.8	611.5	555.2	498.9
-40°	981.6	933.4	893.1	852.9	804.6	748.3	700.0	643.7	595.4	539.1	474.7
-42.5°	941.4	901.2	861.0	820.7	780.5	732.2	683.9	627.6	579.3	523.0	458.6
-45°	901.2	869.0	836.8	804.6	764.4	716.1	659.8	603.5	555.2	498.9	450.6
-47.5°	877.0	844.9	812.7	788.5	756.4	692.0	643.7	587.4	531.1	482.8	426.5
-50°	852.9	820.7	796.6	764.4	724.2	667.8	619.6	563.2	515.0	458.6	410.4
-52.5°	828.8	796.6	764.4	732.2	692.0	643.7	595.4	547.1	490.8	434.5	386.2
-55°	804.6	772.4	740.3	708.1	667.8	627.6	579.3	515.0	458.6	402.3	354.0
-57.5°	780.5	756.4	716.1	675.9	635.7	595.4	539.1	482.8	426.5	370.1	329.9
-60°	748.3	716.1	683.9	635.7	595.4	547.1	498.9	450.6	394.3	346.0	305.8
-62.5°	700.0	667.8	635.7	587.4	547.1	506.9	466.7	410.4	370.1	321.9	281.6
-65°	643.7	611.5	579.3	539.1	498.9	458.6	426.5	378.2	337.9	297.7	265.5
-67.5°	579.3	547.1	523.0	482.8	450.6	410.4	378.2	337.9	297.7	265.5	233.3
-70°	498.9	474.7	450.6	418.4	386.2	354.0	321.9	289.7	257.5	233.3	201.2
-72.5°	426.5	402.3	378.2	354.0	329.9	297.7	273.6	249.4	225.3	201.2	185.1
-75°	346.0	329.9	313.8	297.7	273.6	249.4	233.3	209.2	193.1	177.0	169.0
-77.5°	289.7	273.6	257.5	241.4	225.3	209.2	193.1	177.0	169.0	160.9	152.9
-80°	233.3	225.3	217.2	201.2	193.1	177.0	169.0	152.9	152.9	152.9	152.9
-82.5°	185.1	177.0	169.0	160.9	152.9	144.8	144.8	136.8	144.8	144.8	136.8
-85°	128.7	120.7	112.6	112.6	104.6	104.6	96.6	96.6	96.6	88.5	88.5
-87.5°	56.3	56.3	56.3	56.3	48.3	48.3	48.3	48.3	48.3	40.2	40.2
-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: P724120  
 CATALOG NUMBER: IFLD-L-SA7D-735-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°	16.1	16.1	8.0	8.0	8.0	8.0	8.0	8.0	8.0	0.0	0.0
85°	32.2	32.2	24.1	24.1	24.1	16.1	16.1	8.0	8.0	8.0	8.0
82.5°	72.4	64.4	56.3	48.3	40.2	32.2	24.1	16.1	16.1	8.0	8.0
80°	88.5	88.5	88.5	80.5	64.4	48.3	32.2	24.1	16.1	8.0	8.0
77.5°	64.4	64.4	72.4	80.5	80.5	64.4	40.2	24.1	16.1	16.1	8.0
75°	48.3	48.3	48.3	56.3	64.4	64.4	48.3	32.2	16.1	16.1	8.0
72.5°	48.3	48.3	48.3	48.3	48.3	48.3	48.3	32.2	24.1	16.1	16.1
70°	40.2	40.2	40.2	40.2	40.2	40.2	40.2	32.2	24.1	16.1	16.1
67.5°	32.2	32.2	40.2	40.2	40.2	32.2	32.2	32.2	24.1	16.1	16.1
65°	24.1	32.2	32.2	40.2	32.2	32.2	32.2	24.1	24.1	16.1	16.1
62.5°	24.1	24.1	32.2	32.2	32.2	32.2	24.1	24.1	24.1	16.1	16.1
60°	24.1	24.1	24.1	32.2	24.1	24.1	24.1	24.1	24.1	16.1	16.1
57.5°	24.1	24.1	24.1	24.1	24.1	24.1	24.1	16.1	16.1	16.1	16.1
55°	24.1	24.1	24.1	24.1	24.1	24.1	16.1	16.1	16.1	16.1	16.1
52.5°	32.2	24.1	24.1	24.1	24.1	24.1	16.1	16.1	16.1	16.1	16.1
50°	40.2	24.1	24.1	24.1	24.1	16.1	16.1	16.1	16.1	16.1	16.1
47.5°	56.3	40.2	32.2	24.1	24.1	16.1	16.1	16.1	16.1	16.1	8.0
45°	80.5	56.3	40.2	32.2	24.1	16.1	16.1	16.1	16.1	16.1	8.0
42.5°	96.6	72.4	48.3	40.2	32.2	24.1	16.1	16.1	16.1	8.0	8.0
40°	120.7	96.6	64.4	48.3	32.2	24.1	16.1	16.1	16.1	8.0	8.0
37.5°	152.9	120.7	80.5	56.3	40.2	24.1	24.1	16.1	16.1	8.0	8.0
35°	177.0	136.8	104.6	64.4	48.3	32.2	24.1	16.1	16.1	8.0	8.0
32.5°	201.2	160.9	128.7	80.5	56.3	40.2	32.2	16.1	16.1	8.0	8.0
30°	225.3	185.1	144.8	104.6	72.4	48.3	32.2	16.1	16.1	8.0	8.0
27.5°	249.4	201.2	160.9	120.7	80.5	56.3	40.2	24.1	16.1	8.0	8.0
25°	273.6	225.3	177.0	136.8	88.5	64.4	40.2	24.1	16.1	16.1	8.0
22.5°	289.7	249.4	201.2	152.9	104.6	72.4	48.3	32.2	16.1	16.1	8.0
20°	313.8	273.6	217.2	169.0	120.7	80.5	48.3	32.2	16.1	16.1	8.0
17.5°	337.9	289.7	233.3	185.1	136.8	88.5	56.3	40.2	16.1	16.1	8.0
15°	362.1	305.8	249.4	193.1	144.8	96.6	56.3	40.2	16.1	16.1	8.0
12.5°	386.2	329.9	265.5	209.2	152.9	104.6	64.4	48.3	24.1	16.1	8.0
10°	402.3	346.0	281.6	217.2	160.9	120.7	72.4	48.3	24.1	16.1	8.0
7.5°	426.5	362.1	297.7	233.3	169.0	128.7	80.5	48.3	24.1	16.1	8.0
5°	434.5	378.2	305.8	249.4	177.0	136.8	88.5	56.3	24.1	16.1	8.0
2.5°	442.5	394.3	313.8	257.5	185.1	136.8	88.5	56.3	32.2	16.1	8.0
0°	450.6	402.3	321.9	265.5	193.1	144.8	96.6	56.3	32.2	16.1	8.0
-2.5°	458.6	410.4	337.9	273.6	201.2	152.9	104.6	56.3	32.2	16.1	8.0
-5°	466.7	410.4	354.0	281.6	209.2	152.9	104.6	64.4	40.2	16.1	8.0
-7.5°	474.7	418.4	362.1	289.7	217.2	152.9	112.6	64.4	40.2	24.1	8.0
-10°	482.8	426.5	370.1	297.7	217.2	160.9	112.6	64.4	40.2	24.1	8.0
-12.5°	490.8	434.5	370.1	297.7	225.3	160.9	112.6	72.4	40.2	24.1	8.0
-15°	498.9	434.5	370.1	297.7	225.3	169.0	120.7	72.4	40.2	24.1	16.1
-17.5°	498.9	434.5	370.1	305.8	225.3	169.0	120.7	72.4	40.2	24.1	16.1
-20°	498.9	434.5	370.1	305.8	225.3	169.0	120.7	72.4	40.2	24.1	16.1



REPORT NUMBER: P724120  
 CATALOG NUMBER: IFLD-L-SA7D-735-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	490.8	426.5	370.1	297.7	225.3	169.0	120.7	72.4	48.3	24.1	16.1
-25°	490.8	426.5	370.1	297.7	225.3	169.0	112.6	72.4	48.3	24.1	16.1
-27.5°	482.8	426.5	362.1	289.7	217.2	160.9	112.6	72.4	48.3	24.1	16.1
-30°	474.7	418.4	354.0	281.6	217.2	160.9	112.6	72.4	48.3	24.1	16.1
-32.5°	466.7	402.3	346.0	273.6	209.2	152.9	112.6	72.4	48.3	24.1	16.1
-35°	450.6	394.3	329.9	265.5	201.2	152.9	104.6	72.4	48.3	32.2	16.1
-37.5°	434.5	378.2	321.9	257.5	193.1	144.8	104.6	72.4	48.3	32.2	16.1
-40°	418.4	370.1	305.8	241.4	185.1	136.8	104.6	72.4	48.3	32.2	24.1
-42.5°	402.3	354.0	297.7	233.3	185.1	136.8	96.6	72.4	48.3	32.2	24.1
-45°	394.3	346.0	281.6	225.3	177.0	136.8	96.6	64.4	48.3	32.2	24.1
-47.5°	378.2	321.9	265.5	217.2	169.0	128.7	88.5	64.4	48.3	32.2	24.1
-50°	354.0	305.8	257.5	209.2	160.9	120.7	88.5	64.4	48.3	32.2	24.1
-52.5°	329.9	281.6	241.4	193.1	152.9	120.7	88.5	64.4	48.3	32.2	24.1
-55°	305.8	265.5	225.3	185.1	144.8	112.6	80.5	64.4	48.3	32.2	24.1
-57.5°	289.7	249.4	209.2	169.0	136.8	104.6	80.5	56.3	40.2	32.2	24.1
-60°	273.6	233.3	193.1	160.9	128.7	104.6	80.5	56.3	40.2	32.2	16.1
-62.5°	249.4	217.2	177.0	152.9	120.7	96.6	72.4	56.3	40.2	32.2	16.1
-65°	225.3	193.1	160.9	136.8	112.6	88.5	72.4	56.3	40.2	32.2	16.1
-67.5°	201.2	177.0	152.9	128.7	104.6	88.5	72.4	56.3	40.2	24.1	16.1
-70°	185.1	160.9	136.8	120.7	104.6	80.5	72.4	56.3	40.2	24.1	16.1
-72.5°	160.9	144.8	128.7	112.6	96.6	88.5	72.4	56.3	32.2	24.1	16.1
-75°	152.9	136.8	120.7	112.6	104.6	88.5	72.4	48.3	32.2	24.1	16.1
-77.5°	152.9	136.8	128.7	120.7	104.6	88.5	64.4	40.2	24.1	24.1	16.1
-80°	152.9	144.8	136.8	112.6	96.6	72.4	48.3	40.2	24.1	16.1	8.0
-82.5°	136.8	112.6	96.6	80.5	72.4	56.3	40.2	32.2	16.1	16.1	8.0
-85°	88.5	72.4	64.4	56.3	48.3	40.2	24.1	16.1	16.1	8.0	8.0
-87.5°	40.2	40.2	32.2	24.1	24.1	16.1	16.1	8.0	8.0	8.0	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: P724120  
 CATALOG NUMBER: IFLD-L-SA7D-735-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°	8.0	0.0	0.0	0.0
77.5°	8.0	0.0	0.0	0.0
75°	8.0	8.0	0.0	0.0
72.5°	8.0	8.0	0.0	0.0
70°	8.0	8.0	0.0	0.0
67.5°	8.0	8.0	0.0	0.0
65°	8.0	8.0	0.0	0.0
62.5°	8.0	8.0	0.0	0.0
60°	8.0	8.0	0.0	0.0
57.5°	8.0	8.0	8.0	0.0
55°	8.0	8.0	8.0	0.0
52.5°	8.0	8.0	8.0	0.0
50°	8.0	8.0	8.0	0.0
47.5°	8.0	8.0	8.0	0.0
45°	8.0	8.0	8.0	0.0
42.5°	8.0	8.0	8.0	0.0
40°	8.0	8.0	8.0	0.0
37.5°	8.0	8.0	8.0	0.0
35°	8.0	8.0	8.0	0.0
32.5°	8.0	8.0	8.0	0.0
30°	8.0	8.0	8.0	0.0
27.5°	8.0	8.0	8.0	0.0
25°	8.0	8.0	8.0	0.0
22.5°	8.0	8.0	8.0	0.0
20°	8.0	8.0	8.0	0.0
17.5°	8.0	8.0	8.0	0.0
15°	8.0	8.0	8.0	0.0
12.5°	8.0	8.0	8.0	0.0
10°	8.0	8.0	8.0	0.0
7.5°	8.0	8.0	8.0	0.0
5°	8.0	8.0	8.0	0.0
2.5°	8.0	8.0	8.0	0.0
0°	8.0	8.0	8.0	0.0
-2.5°	8.0	8.0	8.0	0.0
-5°	8.0	8.0	8.0	0.0
-7.5°	8.0	8.0	8.0	0.0
-10°	8.0	8.0	8.0	0.0
-12.5°	8.0	8.0	8.0	0.0
-15°	8.0	8.0	8.0	0.0
-17.5°	8.0	8.0	8.0	0.0
-20°	8.0	8.0	8.0	0.0



REPORT NUMBER: P724120  
CATALOG NUMBER: IFLD-L-SA7D-735-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	8.0	8.0	8.0	0.0
-25°	8.0	8.0	8.0	0.0
-27.5°	8.0	8.0	8.0	0.0
-30°	8.0	8.0	8.0	0.0
-32.5°	8.0	8.0	8.0	0.0
-35°	8.0	8.0	8.0	0.0
-37.5°	8.0	8.0	8.0	0.0
-40°	8.0	8.0	8.0	0.0
-42.5°	8.0	8.0	8.0	0.0
-45°	8.0	8.0	8.0	0.0
-47.5°	8.0	8.0	8.0	0.0
-50°	8.0	8.0	8.0	0.0
-52.5°	8.0	8.0	8.0	0.0
-55°	8.0	8.0	8.0	0.0
-57.5°	8.0	8.0	8.0	0.0
-60°	8.0	8.0	0.0	0.0
-62.5°	8.0	8.0	0.0	0.0
-65°	8.0	8.0	0.0	0.0
-67.5°	8.0	8.0	0.0	0.0
-70°	8.0	8.0	0.0	0.0
-72.5°	8.0	8.0	0.0	0.0
-75°	8.0	8.0	0.0	0.0
-77.5°	8.0	0.0	0.0	0.0
-80°	8.0	0.0	0.0	0.0
-82.5°	8.0	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)