

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: P724163

Luminaire Tested: **IFLD-S-SA3D-750-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724163  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3D-750-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (48) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

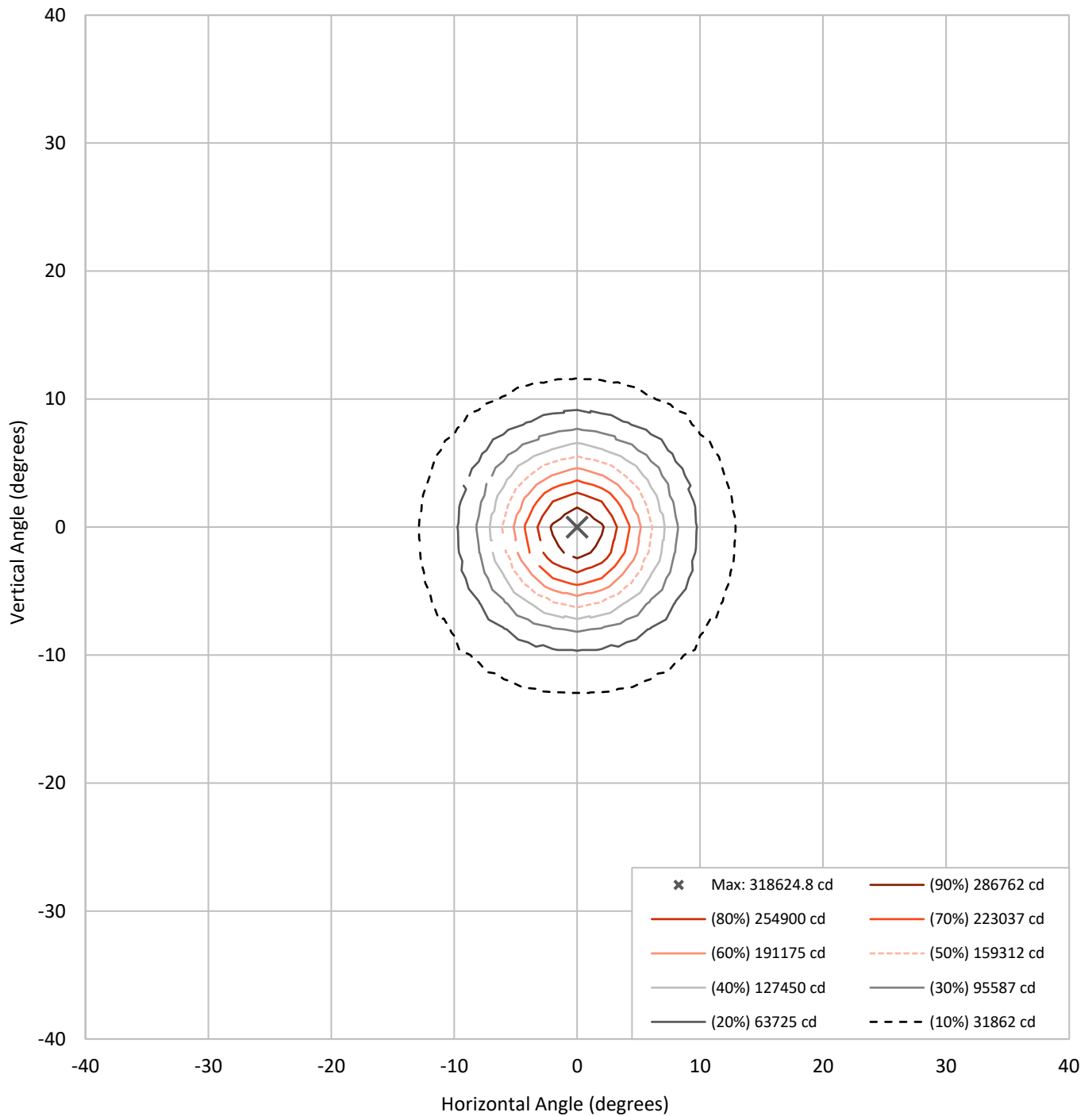
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	22256.1 lumens	Max Intensity:	318624.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6962.7 lumens	Field Lumens:	15842.7 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 184.1  
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





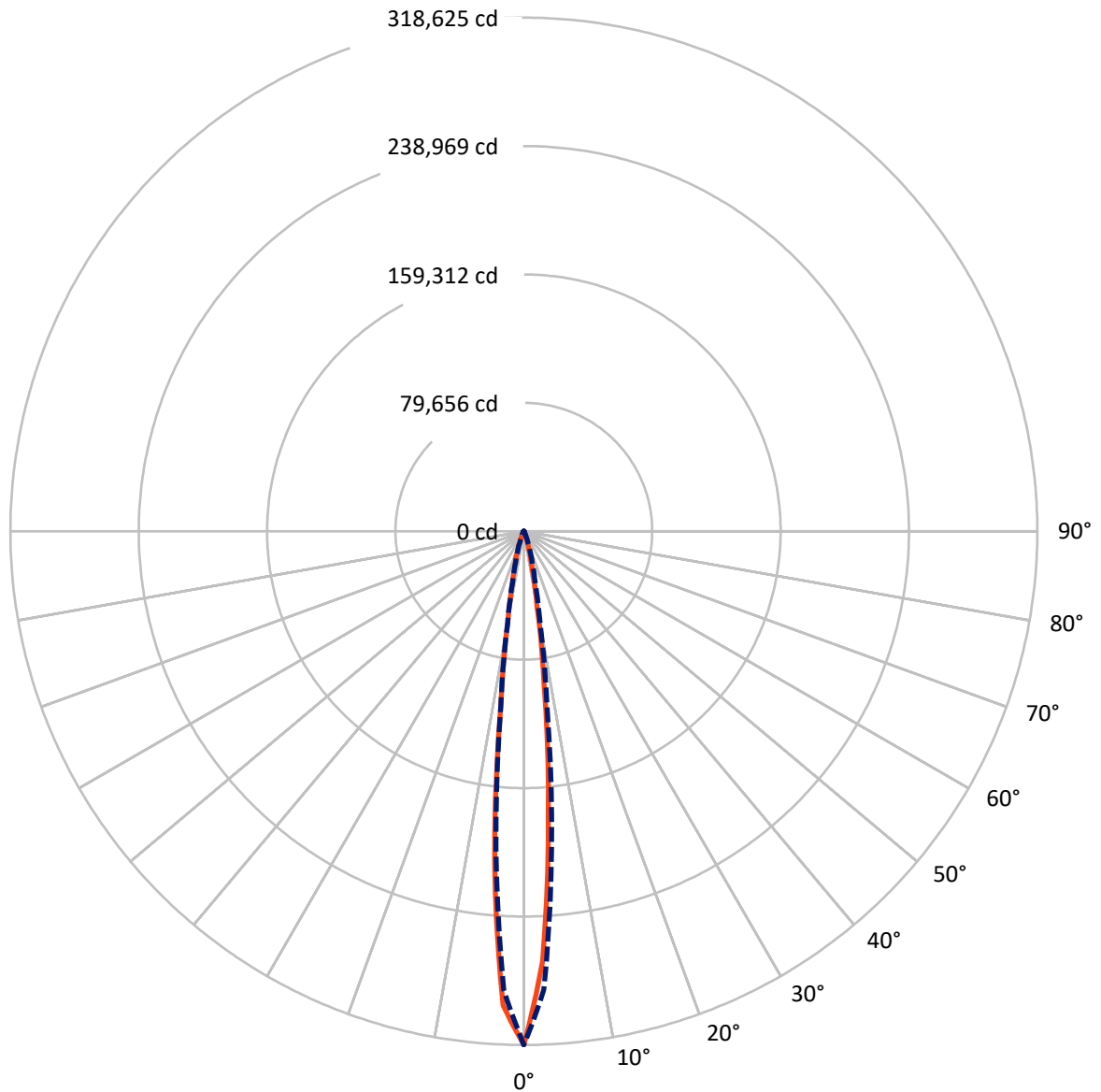
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### Lumen Table

90	0.1	1.3		1.1		0.5		0.0		0.5		1.1		1.3		0.1			
80	0.1	1.3		1.1		0.5		0.0		0.5		1.1		1.3		0.1			
70	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.0	0.0	0.2	0.1	0.2	0.2	0.2	0.2	0.2			
60		0.2	0.3	0.6	1.1	1.7	2.2	2.5	2.5	2.2	1.7	1.1	0.6	0.3	0.2				
50	0.1	0.2	0.7	1.8	3.2	4.5	5.9	7.0	7.0	5.9	4.5	3.2	1.8	0.7	0.2	0.1			
40		0.4	1.5	3.4	5.7	8.9	13.5	16.2	16.2	13.5	8.9	5.7	3.4	1.5	0.4				
30	0.2	0.7	2.4	4.9	8.9	15.4	29.7	47.9	47.9	29.7	15.4	8.9	4.9	2.4	0.7	0.2			
20		1.0	3.2	6.7	13.5	33.6	175.4	443.6	443.6	175.4	33.6	13.5	6.7	3.2	1.0				
10	0.4	1.2	3.8	7.9	16.5	68.2	564.7	3480.1	3480.1	564.7	68.2	16.5	7.9	3.8	1.2	0.4			
0		1.4	4.1	8.3	17.2	77.7	621.4	3832.5	3832.5	621.4	77.7	17.2	8.3	4.1	1.4				
-10	0.5	1.5	4.3	8.3	16.2	46.6	278.9	672.1	672.1	278.9	46.6	16.2	8.3	4.3	1.5	0.5			
-20		1.5	4.3	7.8	13.7	23.7	57.6	108.3	108.3	57.6	23.7	13.7	7.8	4.3	1.5				
-30	0.5	1.4	3.9	7.3	11.4	16.8	23.8	27.9	27.9	23.8	16.8	11.4	7.3	3.9	1.4	0.5			
-40		1.2	3.4	6.5	9.9	13.1	16.6	18.4	18.4	16.6	13.1	9.9	6.5	3.4	1.2				
-50	0.4	1.0	2.7	5.5	8.7	11.4	14.0	15.3	15.3	14.0	11.4	8.7	5.5	2.7	1.0	0.4			
-60		0.8	2.0	4.0	6.6	9.1	11.5	12.8	12.8	11.5	9.1	6.6	4.0	2.0	0.8				
-70	0.2	3.0		8.3		15.4		18.5		15.4		8.3		3.0		0.2			
-80		3.0		8.3		15.4		18.5		15.4		8.3		3.0					
-90	0.2	3.0		8.3		15.4		18.5		15.4		8.3		3.0		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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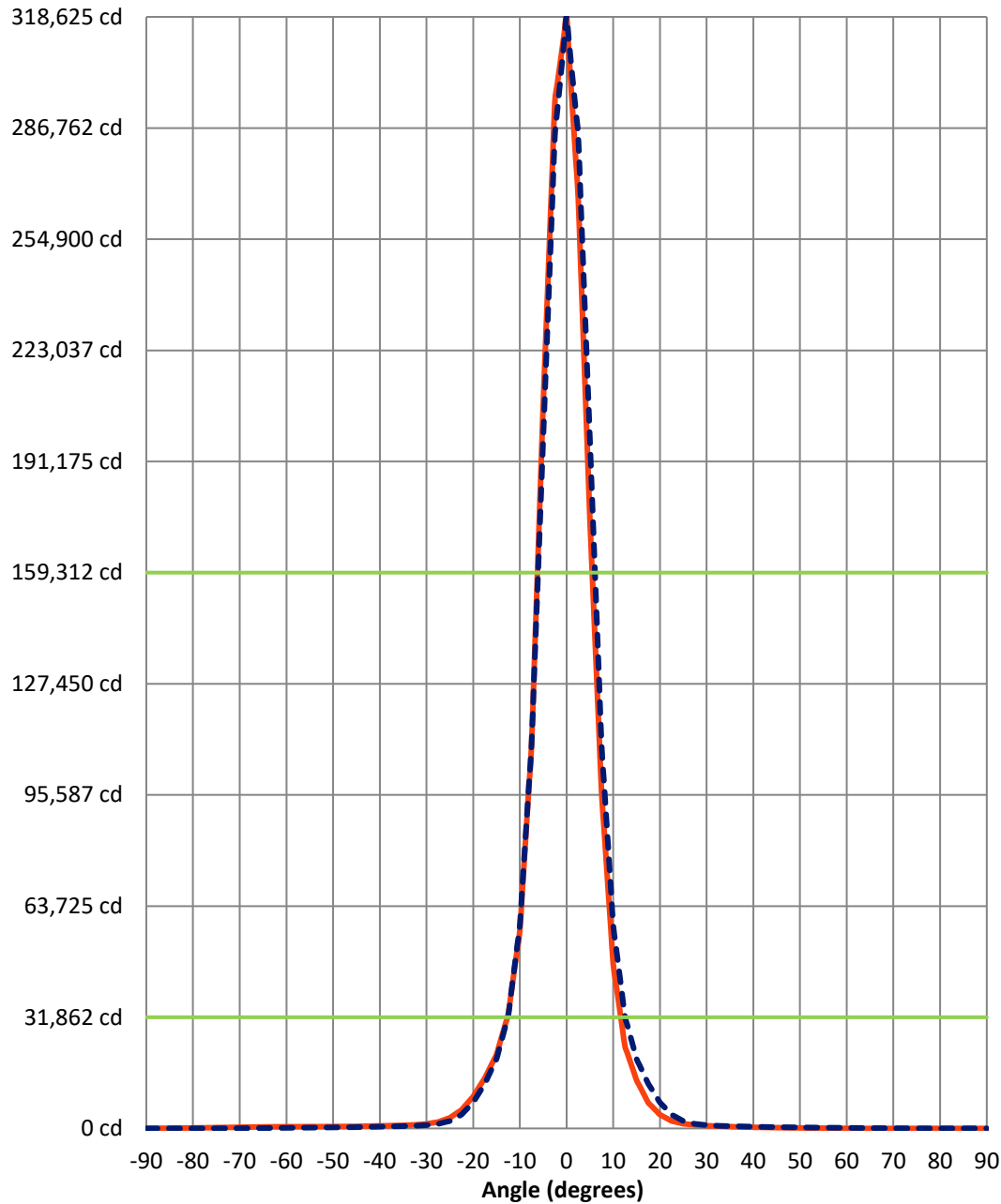
### Luminous Intensity Polar Plot



— 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: 6962.7  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 15842.7  
Efficiency: 71.2%

**Spill:**  
Lumens: 6413.4  
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	4.0	4.0
85°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	8.0	8.0
82.5°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	8.0	8.0	8.0
80°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	8.0	8.0	8.0
77.5°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	8.0
75°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
72.5°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
70°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
67.5°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
65°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
62.5°	0.0	0.0	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
60°	8.0	8.0	8.0	8.0	12.0	12.0	15.9	15.9	15.9	8.0	15.9
57.5°	63.8	63.8	59.8	55.8	51.8	47.8	47.8	47.8	47.8	47.8	39.9
55°	87.7	87.7	87.7	83.7	83.7	79.7	75.8	71.8	71.8	67.8	63.8
52.5°	103.7	103.7	103.7	103.7	99.7	99.7	99.7	95.7	87.7	87.7	83.7
50°	147.5	143.5	143.5	143.5	143.5	135.6	131.6	123.6	119.6	115.6	111.6
47.5°	191.4	191.4	187.4	187.4	183.4	175.4	167.5	159.5	151.5	147.5	139.6
45°	227.3	227.3	223.3	223.3	219.3	211.3	199.4	187.4	179.4	171.5	163.5
42.5°	279.1	275.1	271.1	267.1	259.2	247.2	231.3	215.3	203.3	191.4	183.4
40°	334.9	334.9	330.9	327.0	315.0	303.0	283.1	263.2	243.2	219.3	207.3
37.5°	402.7	406.7	410.7	410.7	402.7	386.8	358.9	334.9	303.0	271.1	255.2
35°	526.3	526.3	534.3	534.3	522.3	502.4	482.5	430.6	390.8	350.9	315.0
32.5°	661.9	665.9	649.9	638.0	622.0	598.1	562.2	518.3	474.5	422.6	382.8
30°	793.5	793.5	773.5	749.6	717.7	677.8	634.0	586.1	534.3	482.5	434.6
27.5°	1000.8	980.9	964.9	925.0	869.2	793.5	737.6	661.9	594.1	534.3	482.5
25°	1343.7	1339.7	1303.8	1236.0	1124.4	1004.8	913.1	785.5	681.8	590.1	530.3
22.5°	2137.2	2109.3	2025.5	1858.1	1594.9	1387.6	1200.2	1000.8	813.4	689.8	594.1
20°	3951.4	3859.7	3636.4	3173.8	2583.7	2177.0	1710.5	1375.6	1060.6	829.3	685.8
17.5°	7372.4	7312.6	7228.9	6160.3	4960.1	4098.9	3050.2	2109.3	1507.2	1084.5	813.4
15°	13819.8	13377.2	12452.2	11172.3	9493.6	7336.5	5394.7	3405.1	2153.1	1443.4	1032.7
12.5°	23624.4	23134.0	20745.6	17543.9	14525.5	11455.4	8042.3	5175.4	3066.2	1834.1	1224.1
10°	47073.4	43512.8	36826.2	27484.1	21451.4	15996.8	11291.9	7061.4	3991.2	2316.6	1451.4
7.5°	96415.6	84780.8	65331.0	46120.5	29852.5	20980.9	14421.9	9234.5	5319.0	2898.7	1658.7
5°	174749.0	154107.0	116100.6	69908.4	43349.3	26295.9	17113.3	10980.9	6295.9	3373.2	1866.0
2.5°	266830.5	240127.9	167851.1	96128.5	53453.0	30410.7	18995.2	12129.2	6917.9	3696.2	2025.5
0°	318624.8	284613.6	197671.7	110056.0	58265.6	32157.1	19916.3	12819.0	7444.2	3959.3	2129.2
-2.5°	294330.5	266950.1	181662.9	102233.0	55677.9	31391.6	20047.9	12990.4	7531.9	4031.1	2177.0
-5°	207444.4	184972.3	125697.9	75442.7	47240.9	28915.5	18915.5	12344.5	7288.7	3927.4	2157.1
-7.5°	109748.9	99581.5	74545.5	54210.6	34481.7	24473.7	17029.5	11200.2	6658.7	3648.3	2037.5
-10°	56702.6	54617.3	47065.4	35478.5	27902.7	20502.4	14533.5	9577.4	5566.2	3141.9	1834.1
-12.5°	32691.4	32336.6	29908.3	25673.9	21395.6	16842.1	11925.9	7811.0	4645.1	2603.7	1547.1
-15°	21168.3	21319.8	20474.5	18712.1	16275.9	12603.7	9162.7	5809.4	3437.0	2109.3	1363.6
-17.5°	14445.8	14405.9	14011.2	12803.0	10841.3	8512.8	6072.6	4102.9	2603.7	1642.7	1132.4
-20°	9138.8	9154.7	8787.9	7954.6	6511.2	5247.2	3779.9	2767.1	1846.1	1291.9	1000.8



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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°	5303.0	5315.0	5083.7	4613.2	3855.7	3110.1	2456.1	1830.1	1359.7	1076.6	877.2
-25°	3046.3	2998.4	2906.7	2679.4	2324.6	1917.9	1630.8	1287.9	1088.5	913.1	801.4
-27.5°	1846.1	1814.2	1766.3	1666.7	1527.1	1323.8	1192.2	1040.7	925.0	821.4	753.6
-30°	1287.9	1299.8	1260.0	1208.1	1144.3	1052.6	980.9	909.1	833.3	769.5	705.7
-32.5°	1024.7	1032.7	1012.8	992.8	960.9	925.0	881.2	829.3	769.5	709.7	649.9
-35°	881.2	885.2	885.2	881.2	873.2	845.3	813.4	765.6	709.7	653.9	602.1
-37.5°	809.4	813.4	813.4	809.4	797.4	773.5	741.6	701.8	649.9	598.1	558.2
-40°	733.7	737.6	733.7	725.7	713.7	689.8	665.9	634.0	594.1	550.2	514.4
-42.5°	661.9	657.9	653.9	645.9	634.0	618.0	598.1	574.2	546.3	514.4	486.4
-45°	594.1	594.1	590.1	586.1	578.2	566.2	554.2	534.3	514.4	490.4	466.5
-47.5°	558.2	558.2	554.2	550.2	546.3	538.3	526.3	510.4	494.4	474.5	454.5
-50°	534.3	534.3	534.3	530.3	526.3	518.3	506.4	494.4	478.5	458.5	438.6
-52.5°	518.3	518.3	518.3	514.4	510.4	506.4	494.4	478.5	458.5	442.6	426.6
-55°	510.4	506.4	506.4	502.4	498.4	494.4	478.5	462.5	446.6	430.6	414.7
-57.5°	498.4	494.4	494.4	490.4	486.4	482.5	466.5	450.6	434.6	414.7	402.7
-60°	486.4	482.5	482.5	474.5	470.5	466.5	450.6	434.6	418.7	402.7	386.8
-62.5°	470.5	466.5	462.5	458.5	450.6	442.6	430.6	414.7	394.7	378.8	362.8
-65°	434.6	430.6	426.6	422.6	418.7	414.7	402.7	382.8	366.8	350.9	334.9
-67.5°	390.8	390.8	390.8	382.8	378.8	370.8	362.8	346.9	330.9	315.0	303.0
-70°	338.9	338.9	338.9	330.9	327.0	323.0	311.0	299.0	287.1	275.1	259.2
-72.5°	287.1	283.1	283.1	279.1	271.1	267.1	259.2	251.2	239.2	231.3	219.3
-75°	235.2	231.3	231.3	227.3	223.3	219.3	211.3	207.3	199.4	191.4	179.4
-77.5°	187.4	187.4	187.4	183.4	179.4	175.4	171.5	167.5	163.5	155.5	147.5
-80°	143.5	143.5	143.5	143.5	143.5	143.5	143.5	139.6	131.6	127.6	123.6
-82.5°	103.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	103.7	99.7	95.7
-85°	67.8	71.8	71.8	75.8	79.7	79.7	83.7	79.7	75.8	67.8	63.8
-87.5°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	31.9	31.9	31.9	27.9
-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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	8.0	8.0	8.0
85°	8.0	8.0	8.0	8.0	12.0	12.0	12.0	15.9	15.9	15.9	15.9
82.5°	8.0	12.0	12.0	12.0	15.9	15.9	19.9	23.9	31.9	35.9	35.9
80°	8.0	12.0	12.0	12.0	15.9	15.9	19.9	19.9	23.9	27.9	35.9
77.5°	8.0	8.0	12.0	12.0	12.0	15.9	15.9	19.9	19.9	23.9	27.9
75°	4.0	8.0	8.0	8.0	12.0	12.0	15.9	15.9	19.9	19.9	23.9
72.5°	4.0	8.0	8.0	8.0	12.0	12.0	15.9	15.9	15.9	19.9	19.9
70°	4.0	8.0	8.0	8.0	8.0	12.0	12.0	12.0	15.9	15.9	15.9
67.5°	4.0	4.0	4.0	8.0	8.0	8.0	8.0	12.0	12.0	12.0	15.9
65°	4.0	4.0	4.0	4.0	8.0	8.0	8.0	8.0	12.0	12.0	12.0
62.5°	4.0	4.0	4.0	8.0	8.0	8.0	8.0	8.0	12.0	12.0	12.0
60°	15.9	15.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
57.5°	35.9	35.9	31.9	27.9	23.9	23.9	19.9	15.9	15.9	12.0	12.0
55°	59.8	55.8	51.8	43.9	39.9	35.9	31.9	23.9	19.9	15.9	12.0
52.5°	75.8	71.8	67.8	63.8	55.8	47.8	43.9	39.9	31.9	23.9	19.9
50°	111.6	99.7	91.7	83.7	75.8	67.8	59.8	55.8	43.9	35.9	27.9
47.5°	135.6	127.6	115.6	107.7	99.7	87.7	75.8	67.8	59.8	47.8	35.9
45°	155.5	147.5	135.6	127.6	119.6	107.7	95.7	83.7	75.8	63.8	47.8
42.5°	175.4	167.5	155.5	147.5	135.6	123.6	111.6	99.7	87.7	79.7	63.8
40°	203.3	191.4	175.4	167.5	159.5	143.5	127.6	115.6	103.7	91.7	75.8
37.5°	239.2	227.3	207.3	191.4	179.4	167.5	151.5	135.6	123.6	107.7	91.7
35°	295.1	275.1	247.2	223.3	207.3	191.4	171.5	155.5	139.6	123.6	107.7
32.5°	350.9	319.0	283.1	255.2	231.3	211.3	191.4	175.4	155.5	135.6	119.6
30°	394.7	358.9	323.0	283.1	255.2	231.3	211.3	191.4	171.5	151.5	131.6
27.5°	438.6	398.7	358.9	319.0	279.1	247.2	227.3	207.3	187.4	167.5	143.5
25°	482.5	438.6	398.7	354.9	307.0	271.1	243.2	227.3	207.3	183.4	155.5
22.5°	522.3	482.5	442.6	394.7	338.9	291.1	263.2	243.2	223.3	195.4	171.5
20°	598.1	546.3	498.4	438.6	374.8	327.0	291.1	263.2	239.2	211.3	183.4
17.5°	697.8	622.0	558.2	490.4	426.6	366.8	315.0	283.1	259.2	227.3	195.4
15°	825.4	693.8	614.0	546.3	470.5	402.7	346.9	303.0	271.1	239.2	211.3
12.5°	921.1	749.6	661.9	598.1	518.3	442.6	370.8	319.0	283.1	251.2	219.3
10°	1028.7	809.4	701.8	630.0	546.3	462.5	386.8	330.9	291.1	263.2	231.3
7.5°	1116.4	857.3	721.7	641.9	562.2	478.5	402.7	342.9	303.0	271.1	239.2
5°	1196.2	897.1	737.6	645.9	570.2	490.4	410.7	350.9	311.0	279.1	247.2
2.5°	1252.0	933.0	753.6	653.9	578.2	498.4	422.6	358.9	319.0	287.1	255.2
0°	1299.8	945.0	749.6	653.9	582.1	498.4	426.6	362.8	323.0	291.1	259.2
-2.5°	1315.8	964.9	769.5	661.9	590.1	506.4	434.6	366.8	327.0	295.1	267.1
-5°	1315.8	949.0	769.5	669.9	594.1	510.4	434.6	370.8	330.9	299.0	267.1
-7.5°	1267.9	925.0	765.6	677.8	598.1	514.4	434.6	374.8	334.9	303.0	271.1
-10°	1184.2	889.2	761.6	681.8	598.1	510.4	434.6	374.8	334.9	303.0	275.1
-12.5°	1048.6	841.3	741.6	673.8	590.1	502.4	430.6	374.8	334.9	307.0	275.1
-15°	980.9	801.4	717.7	649.9	570.2	490.4	422.6	370.8	334.9	307.0	279.1
-17.5°	889.2	769.5	693.8	626.0	554.2	478.5	414.7	370.8	334.9	303.0	279.1
-20°	825.4	733.7	665.9	606.1	534.3	466.5	410.7	366.8	334.9	303.0	279.1



REPORT NUMBER: P724163

CATALOG NUMBER: IFLD-S-SA3D-750-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°	769.5	693.8	634.0	574.2	510.4	450.6	402.7	362.8	330.9	303.0	279.1
-25°	725.7	657.9	602.1	546.3	490.4	438.6	394.7	358.9	327.0	303.0	275.1
-27.5°	685.8	622.0	570.2	518.3	466.5	426.6	386.8	354.9	327.0	299.0	271.1
-30°	641.9	590.1	538.3	490.4	454.5	414.7	378.8	346.9	323.0	295.1	267.1
-32.5°	598.1	550.2	506.4	470.5	438.6	406.7	374.8	342.9	315.0	287.1	259.2
-35°	558.2	514.4	482.5	450.6	426.6	398.7	366.8	334.9	311.0	283.1	259.2
-37.5°	518.3	486.4	458.5	434.6	410.7	386.8	354.9	327.0	303.0	275.1	247.2
-40°	486.4	462.5	442.6	422.6	398.7	370.8	346.9	319.0	295.1	267.1	235.2
-42.5°	466.5	446.6	426.6	406.7	386.8	362.8	338.9	311.0	287.1	259.2	227.3
-45°	446.6	430.6	414.7	398.7	378.8	354.9	327.0	299.0	275.1	247.2	223.3
-47.5°	434.6	418.7	402.7	390.8	374.8	342.9	319.0	291.1	263.2	239.2	211.3
-50°	422.6	406.7	394.7	378.8	358.9	330.9	307.0	279.1	255.2	227.3	203.3
-52.5°	410.7	394.7	378.8	362.8	342.9	319.0	295.1	271.1	243.2	215.3	191.4
-55°	398.7	382.8	366.8	350.9	330.9	311.0	287.1	255.2	227.3	199.4	175.4
-57.5°	386.8	374.8	354.9	334.9	315.0	295.1	267.1	239.2	211.3	183.4	163.5
-60°	370.8	354.9	338.9	315.0	295.1	271.1	247.2	223.3	195.4	171.5	151.5
-62.5°	346.9	330.9	315.0	291.1	271.1	251.2	231.3	203.3	183.4	159.5	139.6
-65°	319.0	303.0	287.1	267.1	247.2	227.3	211.3	187.4	167.5	147.5	131.6
-67.5°	287.1	271.1	259.2	239.2	223.3	203.3	187.4	167.5	147.5	131.6	115.6
-70°	247.2	235.2	223.3	207.3	191.4	175.4	159.5	143.5	127.6	115.6	99.7
-72.5°	211.3	199.4	187.4	175.4	163.5	147.5	135.6	123.6	111.6	99.7	91.7
-75°	171.5	163.5	155.5	147.5	135.6	123.6	115.6	103.7	95.7	87.7	83.7
-77.5°	143.5	135.6	127.6	119.6	111.6	103.7	95.7	87.7	83.7	79.7	75.8
-80°	115.6	111.6	107.7	99.7	95.7	87.7	83.7	75.8	75.8	75.8	75.8
-82.5°	91.7	87.7	83.7	79.7	75.8	71.8	71.8	67.8	71.8	71.8	67.8
-85°	63.8	59.8	55.8	55.8	51.8	51.8	47.8	47.8	47.8	43.9	43.9
-87.5°	27.9	27.9	27.9	27.9	23.9	23.9	23.9	23.9	23.9	19.9	19.9
-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: P724163  
 CATALOG NUMBER: IFLD-S-SA3D-750-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°	8.0	8.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	0.0	0.0
85°	15.9	15.9	12.0	12.0	12.0	8.0	8.0	4.0	4.0	4.0	4.0
82.5°	35.9	31.9	27.9	23.9	19.9	15.9	12.0	8.0	8.0	4.0	4.0
80°	43.9	43.9	43.9	39.9	31.9	23.9	15.9	12.0	8.0	4.0	4.0
77.5°	31.9	31.9	35.9	39.9	39.9	31.9	19.9	12.0	8.0	8.0	4.0
75°	23.9	23.9	23.9	27.9	31.9	31.9	23.9	15.9	8.0	8.0	4.0
72.5°	23.9	23.9	23.9	23.9	23.9	23.9	23.9	15.9	12.0	8.0	8.0
70°	19.9	19.9	19.9	19.9	19.9	19.9	19.9	15.9	12.0	8.0	8.0
67.5°	15.9	15.9	19.9	19.9	19.9	15.9	15.9	15.9	12.0	8.0	8.0
65°	12.0	15.9	15.9	19.9	15.9	15.9	15.9	12.0	12.0	8.0	8.0
62.5°	12.0	12.0	15.9	15.9	15.9	15.9	12.0	12.0	12.0	8.0	8.0
60°	12.0	12.0	12.0	15.9	12.0	12.0	12.0	12.0	12.0	8.0	8.0
57.5°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	8.0	8.0	8.0	8.0
55°	12.0	12.0	12.0	12.0	12.0	12.0	8.0	8.0	8.0	8.0	8.0
52.5°	15.9	12.0	12.0	12.0	12.0	12.0	8.0	8.0	8.0	8.0	8.0
50°	19.9	12.0	12.0	12.0	12.0	8.0	8.0	8.0	8.0	8.0	8.0
47.5°	27.9	19.9	15.9	12.0	12.0	8.0	8.0	8.0	8.0	8.0	4.0
45°	39.9	27.9	19.9	15.9	12.0	8.0	8.0	8.0	8.0	8.0	4.0
42.5°	47.8	35.9	23.9	19.9	15.9	12.0	8.0	8.0	8.0	4.0	4.0
40°	59.8	47.8	31.9	23.9	15.9	12.0	8.0	8.0	8.0	4.0	4.0
37.5°	75.8	59.8	39.9	27.9	19.9	12.0	8.0	8.0	8.0	4.0	4.0
35°	87.7	67.8	51.8	31.9	23.9	15.9	12.0	8.0	8.0	4.0	4.0
32.5°	99.7	79.7	63.8	39.9	27.9	19.9	15.9	8.0	8.0	4.0	4.0
30°	111.6	91.7	71.8	51.8	35.9	23.9	15.9	8.0	8.0	4.0	4.0
27.5°	123.6	99.7	79.7	59.8	39.9	27.9	19.9	12.0	8.0	4.0	4.0
25°	135.6	111.6	87.7	67.8	43.9	31.9	19.9	12.0	8.0	8.0	4.0
22.5°	143.5	123.6	99.7	75.8	51.8	35.9	23.9	15.9	8.0	8.0	4.0
20°	155.5	135.6	107.7	83.7	59.8	39.9	23.9	15.9	8.0	8.0	4.0
17.5°	167.5	143.5	115.6	91.7	67.8	43.9	27.9	19.9	8.0	8.0	4.0
15°	179.4	151.5	123.6	95.7	71.8	47.8	27.9	19.9	8.0	8.0	4.0
12.5°	191.4	163.5	131.6	103.7	75.8	51.8	31.9	23.9	12.0	8.0	4.0
10°	199.4	171.5	139.6	107.7	79.7	59.8	35.9	23.9	12.0	8.0	4.0
7.5°	211.3	179.4	147.5	115.6	83.7	63.8	39.9	23.9	12.0	8.0	4.0
5°	215.3	187.4	151.5	123.6	87.7	67.8	43.9	27.9	12.0	8.0	4.0
2.5°	219.3	195.4	155.5	127.6	91.7	67.8	43.9	27.9	15.9	8.0	4.0
0°	223.3	199.4	159.5	131.6	95.7	71.8	47.8	27.9	15.9	8.0	4.0
-2.5°	227.3	203.3	167.5	135.6	99.7	75.8	51.8	27.9	15.9	8.0	4.0
-5°	231.3	203.3	175.4	139.6	103.7	75.8	51.8	31.9	19.9	8.0	4.0
-7.5°	235.2	207.3	179.4	143.5	107.7	75.8	55.8	31.9	19.9	12.0	4.0
-10°	239.2	211.3	183.4	147.5	107.7	79.7	55.8	31.9	19.9	12.0	4.0
-12.5°	243.2	215.3	183.4	147.5	111.6	79.7	55.8	35.9	19.9	12.0	4.0
-15°	247.2	215.3	183.4	147.5	111.6	83.7	59.8	35.9	19.9	12.0	8.0
-17.5°	247.2	215.3	183.4	151.5	111.6	83.7	59.8	35.9	19.9	12.0	8.0
-20°	247.2	215.3	183.4	151.5	111.6	83.7	59.8	35.9	19.9	12.0	8.0



REPORT NUMBER: P724163

CATALOG NUMBER: IFLD-S-SA3D-750-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	243.2	211.3	183.4	147.5	111.6	83.7	59.8	35.9	23.9	12.0	8.0
-25°	243.2	211.3	183.4	147.5	111.6	83.7	55.8	35.9	23.9	12.0	8.0
-27.5°	239.2	211.3	179.4	143.5	107.7	79.7	55.8	35.9	23.9	12.0	8.0
-30°	235.2	207.3	175.4	139.6	107.7	79.7	55.8	35.9	23.9	12.0	8.0
-32.5°	231.3	199.4	171.5	135.6	103.7	75.8	55.8	35.9	23.9	12.0	8.0
-35°	223.3	195.4	163.5	131.6	99.7	75.8	51.8	35.9	23.9	15.9	8.0
-37.5°	215.3	187.4	159.5	127.6	95.7	71.8	51.8	35.9	23.9	15.9	8.0
-40°	207.3	183.4	151.5	119.6	91.7	67.8	51.8	35.9	23.9	15.9	12.0
-42.5°	199.4	175.4	147.5	115.6	91.7	67.8	47.8	35.9	23.9	15.9	12.0
-45°	195.4	171.5	139.6	111.6	87.7	67.8	47.8	31.9	23.9	15.9	12.0
-47.5°	187.4	159.5	131.6	107.7	83.7	63.8	43.9	31.9	23.9	15.9	12.0
-50°	175.4	151.5	127.6	103.7	79.7	59.8	43.9	31.9	23.9	15.9	12.0
-52.5°	163.5	139.6	119.6	95.7	75.8	59.8	43.9	31.9	23.9	15.9	12.0
-55°	151.5	131.6	111.6	91.7	71.8	55.8	39.9	31.9	23.9	15.9	12.0
-57.5°	143.5	123.6	103.7	83.7	67.8	51.8	39.9	27.9	19.9	15.9	12.0
-60°	135.6	115.6	95.7	79.7	63.8	51.8	39.9	27.9	19.9	15.9	8.0
-62.5°	123.6	107.7	87.7	75.8	59.8	47.8	35.9	27.9	19.9	15.9	8.0
-65°	111.6	95.7	79.7	67.8	55.8	43.9	35.9	27.9	19.9	15.9	8.0
-67.5°	99.7	87.7	75.8	63.8	51.8	43.9	35.9	27.9	19.9	12.0	8.0
-70°	91.7	79.7	67.8	59.8	51.8	39.9	35.9	27.9	19.9	12.0	8.0
-72.5°	79.7	71.8	63.8	55.8	47.8	43.9	35.9	27.9	15.9	12.0	8.0
-75°	75.8	67.8	59.8	55.8	51.8	43.9	35.9	23.9	15.9	12.0	8.0
-77.5°	75.8	67.8	63.8	59.8	51.8	43.9	31.9	19.9	12.0	12.0	8.0
-80°	75.8	71.8	67.8	55.8	47.8	35.9	23.9	19.9	12.0	8.0	4.0
-82.5°	67.8	55.8	47.8	39.9	35.9	27.9	19.9	15.9	8.0	8.0	4.0
-85°	43.9	35.9	31.9	27.9	23.9	19.9	12.0	8.0	8.0	4.0	4.0
-87.5°	19.9	19.9	15.9	12.0	12.0	8.0	8.0	4.0	4.0	4.0	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: P724163  
 CATALOG NUMBER: IFLD-S-SA3D-750-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°	4.0	0.0	0.0	0.0
77.5°	4.0	0.0	0.0	0.0
75°	4.0	4.0	0.0	0.0
72.5°	4.0	4.0	0.0	0.0
70°	4.0	4.0	0.0	0.0
67.5°	4.0	4.0	0.0	0.0
65°	4.0	4.0	0.0	0.0
62.5°	4.0	4.0	0.0	0.0
60°	4.0	4.0	0.0	0.0
57.5°	4.0	4.0	4.0	0.0
55°	4.0	4.0	4.0	0.0
52.5°	4.0	4.0	4.0	0.0
50°	4.0	4.0	4.0	0.0
47.5°	4.0	4.0	4.0	0.0
45°	4.0	4.0	4.0	0.0
42.5°	4.0	4.0	4.0	0.0
40°	4.0	4.0	4.0	0.0
37.5°	4.0	4.0	4.0	0.0
35°	4.0	4.0	4.0	0.0
32.5°	4.0	4.0	4.0	0.0
30°	4.0	4.0	4.0	0.0
27.5°	4.0	4.0	4.0	0.0
25°	4.0	4.0	4.0	0.0
22.5°	4.0	4.0	4.0	0.0
20°	4.0	4.0	4.0	0.0
17.5°	4.0	4.0	4.0	0.0
15°	4.0	4.0	4.0	0.0
12.5°	4.0	4.0	4.0	0.0
10°	4.0	4.0	4.0	0.0
7.5°	4.0	4.0	4.0	0.0
5°	4.0	4.0	4.0	0.0
2.5°	4.0	4.0	4.0	0.0
0°	4.0	4.0	4.0	0.0
-2.5°	4.0	4.0	4.0	0.0
-5°	4.0	4.0	4.0	0.0
-7.5°	4.0	4.0	4.0	0.0
-10°	4.0	4.0	4.0	0.0
-12.5°	4.0	4.0	4.0	0.0
-15°	4.0	4.0	4.0	0.0
-17.5°	4.0	4.0	4.0	0.0
-20°	4.0	4.0	4.0	0.0



REPORT NUMBER: P724163  
CATALOG NUMBER: IFLD-S-SA3D-750-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	4.0	4.0	4.0	0.0
-25°	4.0	4.0	4.0	0.0
-27.5°	4.0	4.0	4.0	0.0
-30°	4.0	4.0	4.0	0.0
-32.5°	4.0	4.0	4.0	0.0
-35°	4.0	4.0	4.0	0.0
-37.5°	4.0	4.0	4.0	0.0
-40°	4.0	4.0	4.0	0.0
-42.5°	4.0	4.0	4.0	0.0
-45°	4.0	4.0	4.0	0.0
-47.5°	4.0	4.0	4.0	0.0
-50°	4.0	4.0	4.0	0.0
-52.5°	4.0	4.0	4.0	0.0
-55°	4.0	4.0	4.0	0.0
-57.5°	4.0	4.0	4.0	0.0
-60°	4.0	4.0	0.0	0.0
-62.5°	4.0	4.0	0.0	0.0
-65°	4.0	4.0	0.0	0.0
-67.5°	4.0	4.0	0.0	0.0
-70°	4.0	4.0	0.0	0.0
-72.5°	4.0	4.0	0.0	0.0
-75°	4.0	4.0	0.0	0.0
-77.5°	4.0	0.0	0.0	0.0
-80°	4.0	0.0	0.0	0.0
-82.5°	4.0	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)