

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: P724105

Luminaire Tested: **IFLD-S-SA3D-735-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724105
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-735-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (48) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

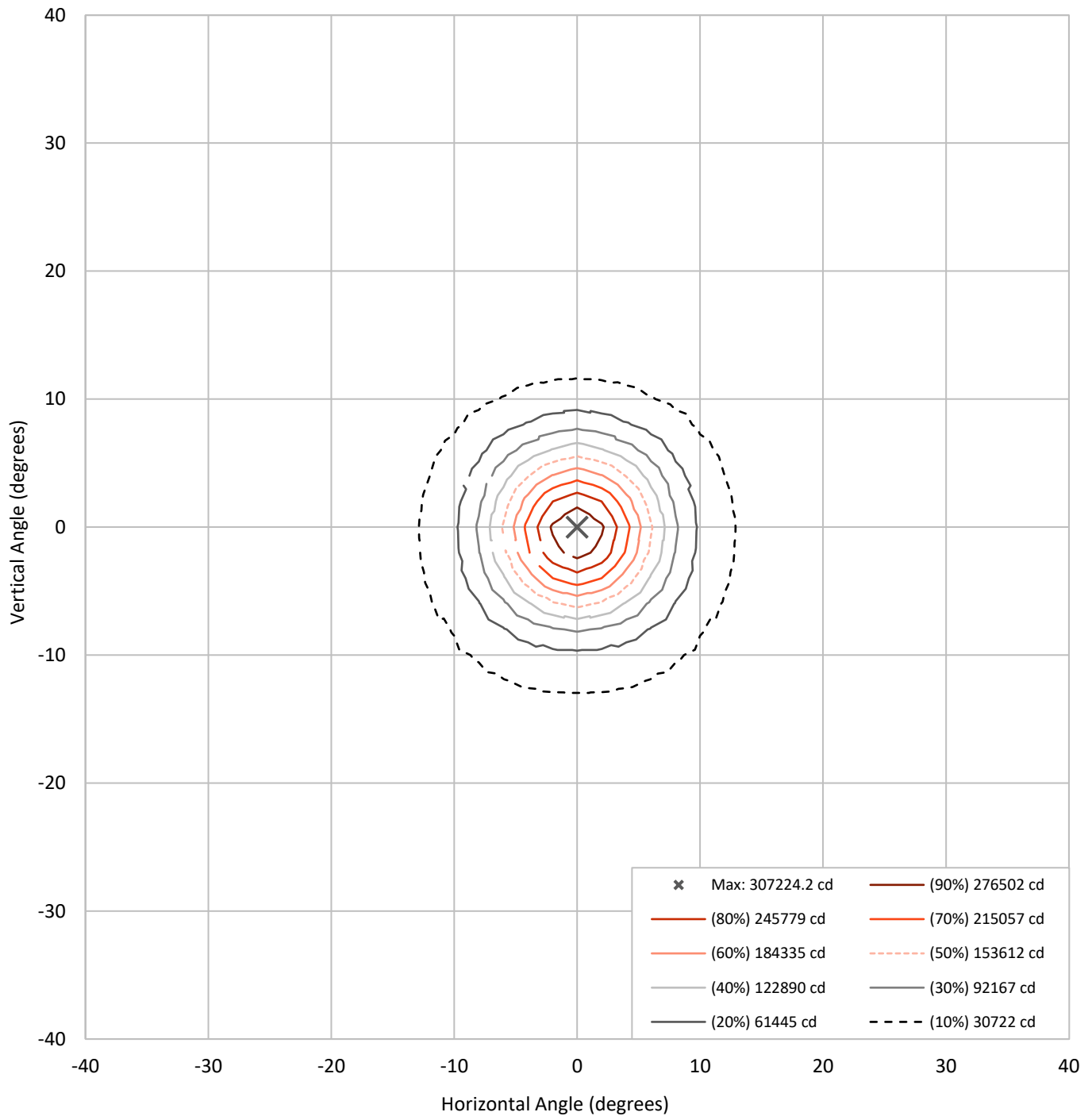
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	21459.7 lumens	Max Intensity:	307224.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	116.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6713.6 lumens	Field Lumens:	15275.8 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





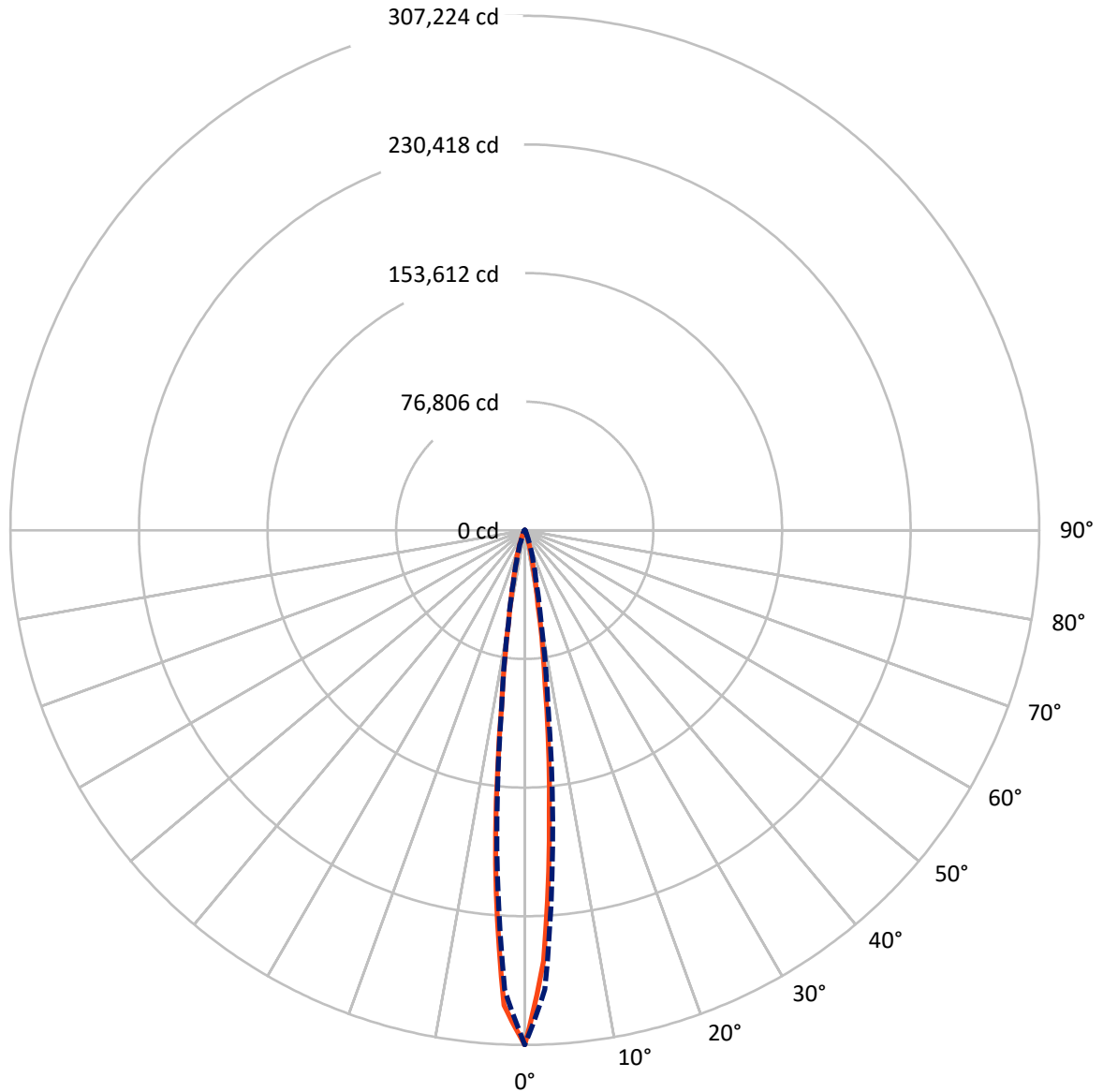
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Lumen Table

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	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2			
60		0.1	0.2	0.6	1.1	1.7	2.1	2.4	2.4	2.1	1.7	1.1	0.6	0.2	0.1				
50	0.1	0.2	0.7	1.8	3.1	4.3	5.7	6.7	6.7	5.7	4.3	3.1	1.8	0.7	0.2	0.1			
40		0.3	1.5	3.2	5.5	8.6	13.0	15.6	15.6	13.0	8.6	5.5	3.2	1.5	0.3				
30	0.2	0.6	2.3	4.7	8.6	14.8	28.6	46.2	46.2	28.6	14.8	8.6	4.7	2.3	0.6	0.2			
20		0.9	3.1	6.4	13.1	32.4	169.1	427.7	427.7	169.1	32.4	13.1	6.4	3.1	0.9				
10	0.4	1.2	3.7	7.6	15.9	65.7	544.5	3355.5	3355.5	544.5	65.7	15.9	7.6	3.7	1.2	0.4			
0		1.4	4.0	8.0	16.6	74.9	599.2	3695.3	3695.3	599.2	74.9	16.6	8.0	4.0	1.4				
-10	0.4	1.5	4.2	8.0	15.6	44.9	268.9	648.1	648.1	268.9	44.9	15.6	8.0	4.2	1.5	0.4			
-20		1.5	4.1	7.6	13.2	22.9	55.6	104.4	104.4	55.6	22.9	13.2	7.6	4.1	1.5				
-30	0.5	1.3	3.8	7.0	11.0	16.2	22.9	26.9	26.9	22.9	16.2	11.0	7.0	3.8	1.3	0.5			
-40		1.1	3.3	6.3	9.6	12.6	16.0	17.7	17.7	16.0	12.6	9.6	6.3	3.3	1.1				
-50	0.4	0.9	2.6	5.3	8.4	11.0	13.5	14.8	14.8	13.5	11.0	8.4	5.3	2.6	0.9	0.4			
-60		0.7	1.9	3.9	6.4	8.8	11.1	12.3	12.3	11.1	8.8	6.4	3.9	1.9	0.7				
-70	0.2	2.9		8.0		14.8		17.9		14.8		8.0		2.9		0.2			
-80		2.9		8.0		14.8		17.9		14.8		8.0		2.9					
-90	0.2	2.9		8.0		14.8		17.9		14.8		8.0		2.9		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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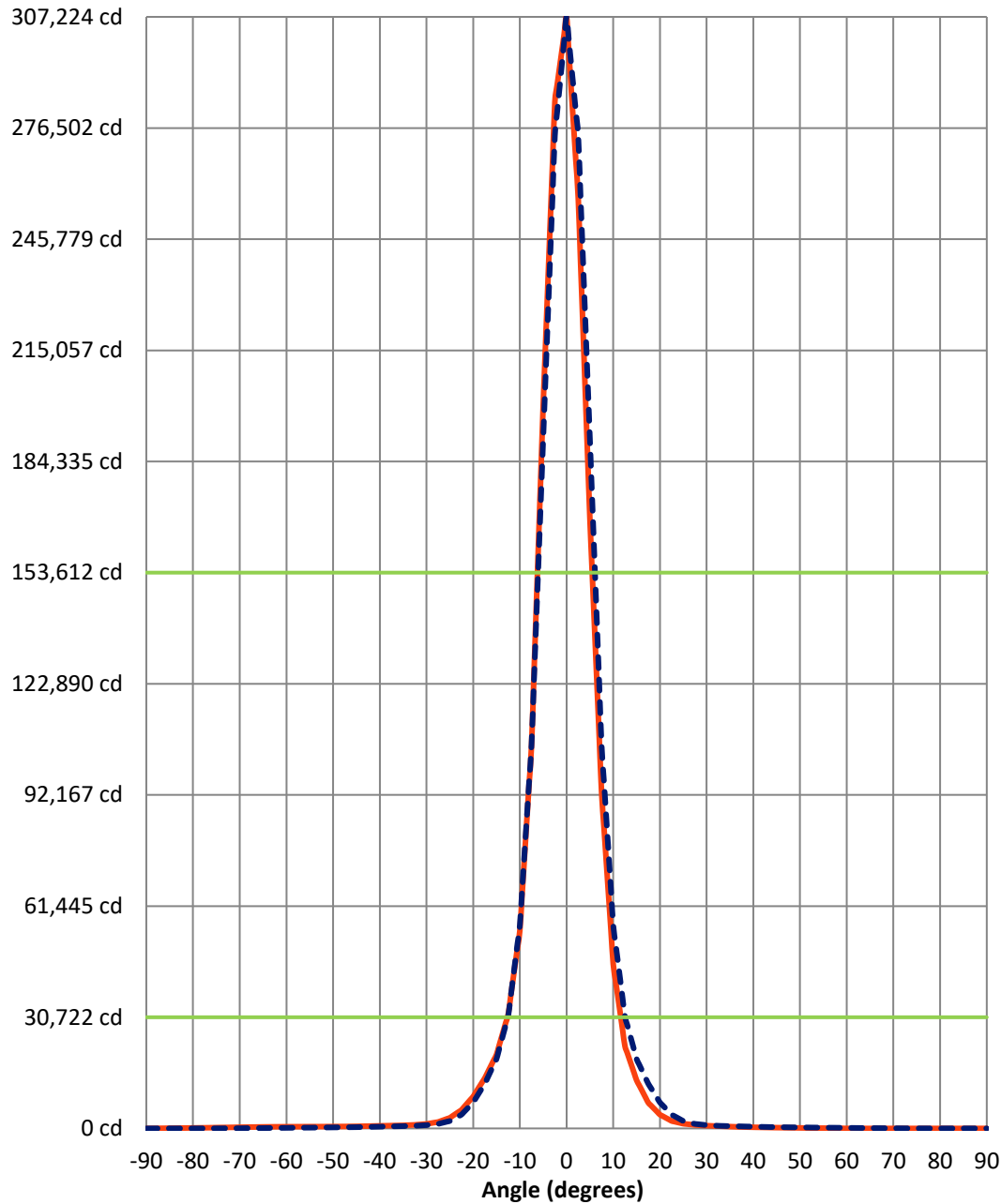
Luminous Intensity Polar Plot



— 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: 6713.6
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 15275.8
 Efficiency: 71.2%

Spill:
 Lumens: 6183.9
 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	3.8	3.8
85°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	7.7	7.7
82.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	7.7	7.7	7.7
80°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	7.7	7.7	7.7
77.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	7.7
75°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
72.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
70°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
67.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
65°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
62.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
60°	7.7	7.7	7.7	7.7	11.5	11.5	15.4	15.4	15.4	7.7	15.4
57.5°	61.5	61.5	57.7	53.8	50.0	46.1	46.1	46.1	46.1	46.1	38.4
55°	84.6	84.6	84.6	80.7	80.7	76.9	73.0	69.2	69.2	65.4	61.5
52.5°	100.0	100.0	100.0	100.0	96.1	96.1	96.1	92.3	84.6	84.6	80.7
50°	142.2	138.4	138.4	138.4	138.4	130.7	126.9	119.2	115.3	111.5	107.6
47.5°	184.5	184.5	180.7	180.7	176.9	169.2	161.5	153.8	146.1	142.2	134.6
45°	219.1	219.1	215.3	215.3	211.5	203.8	192.2	180.7	173.0	165.3	157.6
42.5°	269.1	265.3	261.4	257.6	249.9	238.4	223.0	207.6	196.1	184.5	176.9
40°	322.9	322.9	319.1	315.3	303.7	292.2	273.0	253.7	234.5	211.5	199.9
37.5°	388.3	392.1	396.0	396.0	388.3	372.9	346.0	322.9	292.2	261.4	246.1
35°	507.5	507.5	515.2	515.2	503.6	484.4	465.2	415.2	376.8	338.3	303.7
32.5°	638.2	642.0	626.7	615.1	599.8	576.7	542.1	499.8	457.5	407.5	369.1
30°	765.1	765.1	745.8	722.8	692.0	653.6	611.3	565.2	515.2	465.2	419.1
27.5°	965.0	945.8	930.4	891.9	838.1	765.1	711.2	638.2	572.8	515.2	465.2
25°	1295.6	1291.8	1257.2	1191.8	1084.2	968.8	880.4	757.4	657.4	569.0	511.3
22.5°	2060.7	2033.8	1953.0	1791.6	1537.8	1337.9	1157.2	965.0	784.3	665.1	572.8
20°	3810.0	3721.6	3506.3	3060.3	2491.3	2099.1	1649.3	1326.4	1022.7	799.7	661.3
17.5°	7108.6	7051.0	6970.2	5939.9	4782.7	3952.2	2941.1	2033.8	1453.3	1045.7	784.3
15°	13325.3	12898.6	12006.6	10772.5	9153.9	7074.0	5201.7	3283.3	2076.1	1391.7	995.7
12.5°	22779.1	22306.3	20003.3	16916.2	14005.8	11045.5	7754.5	4990.3	2956.5	1768.5	1180.3
10°	45389.1	41955.9	35508.5	26500.7	20683.8	15424.5	10887.8	6808.8	3848.4	2233.7	1399.4
7.5°	92965.8	81747.3	62993.4	44470.3	28784.4	20230.2	13905.8	8904.0	5128.7	2795.0	1599.3
5°	168496.4	148593.0	111946.5	67407.0	41798.3	25355.0	16500.9	10588.0	6070.6	3252.5	1799.3
2.5°	257283.1	231536.0	161845.3	92689.0	51540.4	29322.6	18315.6	11695.2	6670.3	3563.9	1953.0
0°	307224.2	274429.9	190598.9	106118.1	56180.8	31006.5	19203.7	12360.3	7177.8	3817.7	2053.0
-2.5°	283799.2	257398.4	175162.9	98575.0	53685.7	30268.4	19330.5	12525.6	7262.4	3886.9	2099.1
-5°	200021.9	178353.9	121200.4	72743.3	45550.6	27880.9	18238.7	11902.8	7027.9	3786.9	2079.9
-7.5°	105822.1	96018.4	71878.3	52270.9	33247.9	23598.0	16420.2	10799.4	6420.4	3517.8	1964.6
-10°	54673.8	52663.1	45381.4	34209.1	26904.4	19768.8	14013.5	9234.7	5367.0	3029.5	1768.5
-12.5°	31521.7	31179.5	28838.2	24755.2	20630.0	16239.5	11499.1	7531.5	4478.9	2510.5	1491.7
-15°	20410.9	20557.0	19741.9	18042.6	15693.6	12152.7	8834.8	5601.6	3314.0	2033.8	1314.8
-17.5°	13928.9	13890.5	13509.9	12344.9	10453.4	8208.2	5855.3	3956.1	2510.5	1584.0	1091.9
-20°	8811.8	8827.2	8473.5	7669.9	6278.2	5059.5	3644.7	2668.1	1780.0	1245.6	965.0



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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°	5113.3	5124.8	4901.8	4448.2	3717.7	2998.8	2368.3	1764.7	1311.0	1038.0	845.8
-25°	2937.3	2891.1	2802.7	2583.6	2241.4	1849.2	1572.4	1241.8	1049.6	880.4	772.8
-27.5°	1780.0	1749.3	1703.1	1607.0	1472.5	1276.4	1149.5	1003.4	891.9	792.0	726.6
-30°	1241.8	1253.3	1214.9	1164.9	1103.4	1015.0	945.8	876.6	803.5	742.0	680.5
-32.5°	988.1	995.7	976.5	957.3	926.5	891.9	849.7	799.7	742.0	684.3	626.7
-35°	849.7	853.5	853.5	849.7	842.0	815.1	784.3	738.2	684.3	630.5	580.5
-37.5°	780.4	784.3	784.3	780.4	768.9	745.8	715.1	676.6	626.7	576.7	538.2
-40°	707.4	711.2	707.4	699.7	688.2	665.1	642.0	611.3	572.8	530.6	496.0
-42.5°	638.2	634.4	630.5	622.8	611.3	595.9	576.7	553.6	526.7	496.0	469.0
-45°	572.8	572.8	569.0	565.2	557.5	545.9	534.4	515.2	496.0	472.9	449.8
-47.5°	538.2	538.2	534.4	530.6	526.7	519.0	507.5	492.1	476.7	457.5	438.3
-50°	515.2	515.2	515.2	511.3	507.5	499.8	488.3	476.7	461.3	442.1	422.9
-52.5°	499.8	499.8	499.8	496.0	492.1	488.3	476.7	461.3	442.1	426.7	411.4
-55°	492.1	488.3	488.3	484.4	480.6	476.7	461.3	446.0	430.6	415.2	399.8
-57.5°	480.6	476.7	476.7	472.9	469.0	465.2	449.8	434.4	419.1	399.8	388.3
-60°	469.0	465.2	465.2	457.5	453.7	449.8	434.4	419.1	403.7	388.3	372.9
-62.5°	453.7	449.8	446.0	442.1	434.4	426.7	415.2	399.8	380.6	365.2	349.9
-65°	419.1	415.2	411.4	407.5	403.7	399.8	388.3	369.1	353.7	338.3	322.9
-67.5°	376.8	376.8	376.8	369.1	365.2	357.5	349.9	334.5	319.1	303.7	292.2
-70°	326.8	326.8	326.8	319.1	315.3	311.4	299.9	288.3	276.8	265.3	249.9
-72.5°	276.8	273.0	273.0	269.1	261.4	257.6	249.9	242.2	230.7	223.0	211.5
-75°	226.8	223.0	223.0	219.1	215.3	211.5	203.8	199.9	192.2	184.5	173.0
-77.5°	180.7	180.7	180.7	176.9	173.0	169.2	165.3	161.5	157.6	149.9	142.2
-80°	138.4	138.4	138.4	138.4	138.4	138.4	138.4	134.6	126.9	123.0	119.2
-82.5°	100.0	103.8	103.8	103.8	103.8	103.8	103.8	103.8	100.0	96.1	92.3
-85°	65.4	69.2	69.2	73.0	76.9	76.9	80.7	76.9	73.0	65.4	61.5
-87.5°	34.6	34.6	34.6	34.6	34.6	34.6	34.6	30.8	30.8	30.8	26.9
-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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	7.7	7.7	7.7
85°	7.7	7.7	7.7	7.7	11.5	11.5	11.5	15.4	15.4	15.4	15.4
82.5°	7.7	11.5	11.5	11.5	15.4	15.4	19.2	23.1	30.8	34.6	34.6
80°	7.7	11.5	11.5	11.5	15.4	15.4	19.2	19.2	23.1	26.9	34.6
77.5°	7.7	7.7	11.5	11.5	11.5	15.4	15.4	19.2	19.2	23.1	26.9
75°	3.8	7.7	7.7	7.7	11.5	11.5	15.4	15.4	19.2	19.2	23.1
72.5°	3.8	7.7	7.7	7.7	11.5	11.5	15.4	15.4	15.4	19.2	19.2
70°	3.8	7.7	7.7	7.7	7.7	11.5	11.5	11.5	15.4	15.4	15.4
67.5°	3.8	3.8	3.8	7.7	7.7	7.7	7.7	11.5	11.5	11.5	15.4
65°	3.8	3.8	3.8	3.8	7.7	7.7	7.7	7.7	11.5	11.5	11.5
62.5°	3.8	3.8	3.8	7.7	7.7	7.7	7.7	7.7	11.5	11.5	11.5
60°	15.4	15.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
57.5°	34.6	34.6	30.8	26.9	23.1	23.1	19.2	15.4	15.4	11.5	11.5
55°	57.7	53.8	50.0	42.3	38.4	34.6	30.8	23.1	19.2	15.4	11.5
52.5°	73.0	69.2	65.4	61.5	53.8	46.1	42.3	38.4	30.8	23.1	19.2
50°	107.6	96.1	88.4	80.7	73.0	65.4	57.7	53.8	42.3	34.6	26.9
47.5°	130.7	123.0	111.5	103.8	96.1	84.6	73.0	65.4	57.7	46.1	34.6
45°	149.9	142.2	130.7	123.0	115.3	103.8	92.3	80.7	73.0	61.5	46.1
42.5°	169.2	161.5	149.9	142.2	130.7	119.2	107.6	96.1	84.6	76.9	61.5
40°	196.1	184.5	169.2	161.5	153.8	138.4	123.0	111.5	100.0	88.4	73.0
37.5°	230.7	219.1	199.9	184.5	173.0	161.5	146.1	130.7	119.2	103.8	88.4
35°	284.5	265.3	238.4	215.3	199.9	184.5	165.3	149.9	134.6	119.2	103.8
32.5°	338.3	307.6	273.0	246.1	223.0	203.8	184.5	169.2	149.9	130.7	115.3
30°	380.6	346.0	311.4	273.0	246.1	223.0	203.8	184.5	165.3	146.1	126.9
27.5°	422.9	384.5	346.0	307.6	269.1	238.4	219.1	199.9	180.7	161.5	138.4
25°	465.2	422.9	384.5	342.2	296.0	261.4	234.5	219.1	199.9	176.9	149.9
22.5°	503.6	465.2	426.7	380.6	326.8	280.7	253.7	234.5	215.3	188.4	165.3
20°	576.7	526.7	480.6	422.9	361.4	315.3	280.7	253.7	230.7	203.8	176.9
17.5°	672.8	599.8	538.2	472.9	411.4	353.7	303.7	273.0	249.9	219.1	188.4
15°	795.8	669.0	592.1	526.7	453.7	388.3	334.5	292.2	261.4	230.7	203.8
12.5°	888.1	722.8	638.2	576.7	499.8	426.7	357.5	307.6	273.0	242.2	211.5
10°	991.9	780.4	676.6	607.4	526.7	446.0	372.9	319.1	280.7	253.7	223.0
7.5°	1076.5	826.6	695.9	619.0	542.1	461.3	388.3	330.6	292.2	261.4	230.7
5°	1153.4	865.0	711.2	622.8	549.8	472.9	396.0	338.3	299.9	269.1	238.4
2.5°	1207.2	899.6	726.6	630.5	557.5	480.6	407.5	346.0	307.6	276.8	246.1
0°	1253.3	911.2	722.8	630.5	561.3	480.6	411.4	349.9	311.4	280.7	249.9
-2.5°	1268.7	930.4	742.0	638.2	569.0	488.3	419.1	353.7	315.3	284.5	257.6
-5°	1268.7	915.0	742.0	645.9	572.8	492.1	419.1	357.5	319.1	288.3	257.6
-7.5°	1222.6	891.9	738.2	653.6	576.7	496.0	419.1	361.4	322.9	292.2	261.4
-10°	1141.8	857.3	734.3	657.4	576.7	492.1	419.1	361.4	322.9	292.2	265.3
-12.5°	1011.1	811.2	715.1	649.7	569.0	484.4	415.2	361.4	322.9	296.0	265.3
-15°	945.8	772.8	692.0	626.7	549.8	472.9	407.5	357.5	322.9	296.0	269.1
-17.5°	857.3	742.0	669.0	603.6	534.4	461.3	399.8	357.5	322.9	292.2	269.1
-20°	795.8	707.4	642.0	584.4	515.2	449.8	396.0	353.7	322.9	292.2	269.1



REPORT NUMBER: P724105
 CATALOG NUMBER: IFLD-S-SA3D-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°	742.0	669.0	611.3	553.6	492.1	434.4	388.3	349.9	319.1	292.2	269.1
-25°	699.7	634.4	580.5	526.7	472.9	422.9	380.6	346.0	315.3	292.2	265.3
-27.5°	661.3	599.8	549.8	499.8	449.8	411.4	372.9	342.2	315.3	288.3	261.4
-30°	619.0	569.0	519.0	472.9	438.3	399.8	365.2	334.5	311.4	284.5	257.6
-32.5°	576.7	530.6	488.3	453.7	422.9	392.1	361.4	330.6	303.7	276.8	249.9
-35°	538.2	496.0	465.2	434.4	411.4	384.5	353.7	322.9	299.9	273.0	249.9
-37.5°	499.8	469.0	442.1	419.1	396.0	372.9	342.2	315.3	292.2	265.3	238.4
-40°	469.0	446.0	426.7	407.5	384.5	357.5	334.5	307.6	284.5	257.6	226.8
-42.5°	449.8	430.6	411.4	392.1	372.9	349.9	326.8	299.9	276.8	249.9	219.1
-45°	430.6	415.2	399.8	384.5	365.2	342.2	315.3	288.3	265.3	238.4	215.3
-47.5°	419.1	403.7	388.3	376.8	361.4	330.6	307.6	280.7	253.7	230.7	203.8
-50°	407.5	392.1	380.6	365.2	346.0	319.1	296.0	269.1	246.1	219.1	196.1
-52.5°	396.0	380.6	365.2	349.9	330.6	307.6	284.5	261.4	234.5	207.6	184.5
-55°	384.5	369.1	353.7	338.3	319.1	299.9	276.8	246.1	219.1	192.2	169.2
-57.5°	372.9	361.4	342.2	322.9	303.7	284.5	257.6	230.7	203.8	176.9	157.6
-60°	357.5	342.2	326.8	303.7	284.5	261.4	238.4	215.3	188.4	165.3	146.1
-62.5°	334.5	319.1	303.7	280.7	261.4	242.2	223.0	196.1	176.9	153.8	134.6
-65°	307.6	292.2	276.8	257.6	238.4	219.1	203.8	180.7	161.5	142.2	126.9
-67.5°	276.8	261.4	249.9	230.7	215.3	196.1	180.7	161.5	142.2	126.9	111.5
-70°	238.4	226.8	215.3	199.9	184.5	169.2	153.8	138.4	123.0	111.5	96.1
-72.5°	203.8	192.2	180.7	169.2	157.6	142.2	130.7	119.2	107.6	96.1	88.4
-75°	165.3	157.6	149.9	142.2	130.7	119.2	111.5	100.0	92.3	84.6	80.7
-77.5°	138.4	130.7	123.0	115.3	107.6	100.0	92.3	84.6	80.7	76.9	73.0
-80°	111.5	107.6	103.8	96.1	92.3	84.6	80.7	73.0	73.0	73.0	73.0
-82.5°	88.4	84.6	80.7	76.9	73.0	69.2	69.2	65.4	69.2	69.2	65.4
-85°	61.5	57.7	53.8	53.8	50.0	50.0	46.1	46.1	46.1	42.3	42.3
-87.5°	26.9	26.9	26.9	26.9	23.1	23.1	23.1	23.1	23.1	19.2	19.2
-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: P724105
 CATALOG NUMBER: IFLD-S-SA3D-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°	7.7	7.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	0.0	0.0
85°	15.4	15.4	11.5	11.5	11.5	7.7	7.7	3.8	3.8	3.8	3.8
82.5°	34.6	30.8	26.9	23.1	19.2	15.4	11.5	7.7	7.7	3.8	3.8
80°	42.3	42.3	42.3	38.4	30.8	23.1	15.4	11.5	7.7	3.8	3.8
77.5°	30.8	30.8	34.6	38.4	38.4	30.8	19.2	11.5	7.7	7.7	3.8
75°	23.1	23.1	23.1	26.9	30.8	30.8	23.1	15.4	7.7	7.7	3.8
72.5°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	15.4	11.5	7.7	7.7
70°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	15.4	11.5	7.7	7.7
67.5°	15.4	15.4	19.2	19.2	19.2	15.4	15.4	15.4	11.5	7.7	7.7
65°	11.5	15.4	15.4	19.2	15.4	15.4	15.4	11.5	11.5	7.7	7.7
62.5°	11.5	11.5	15.4	15.4	15.4	15.4	11.5	11.5	11.5	7.7	7.7
60°	11.5	11.5	11.5	15.4	11.5	11.5	11.5	11.5	11.5	7.7	7.7
57.5°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	7.7	7.7	7.7	7.7
55°	11.5	11.5	11.5	11.5	11.5	11.5	7.7	7.7	7.7	7.7	7.7
52.5°	15.4	11.5	11.5	11.5	11.5	11.5	7.7	7.7	7.7	7.7	7.7
50°	19.2	11.5	11.5	11.5	11.5	7.7	7.7	7.7	7.7	7.7	7.7
47.5°	26.9	19.2	15.4	11.5	11.5	7.7	7.7	7.7	7.7	7.7	3.8
45°	38.4	26.9	19.2	15.4	11.5	7.7	7.7	7.7	7.7	7.7	3.8
42.5°	46.1	34.6	23.1	19.2	15.4	11.5	7.7	7.7	7.7	3.8	3.8
40°	57.7	46.1	30.8	23.1	15.4	11.5	7.7	7.7	7.7	3.8	3.8
37.5°	73.0	57.7	38.4	26.9	19.2	11.5	11.5	7.7	7.7	3.8	3.8
35°	84.6	65.4	50.0	30.8	23.1	15.4	11.5	7.7	7.7	3.8	3.8
32.5°	96.1	76.9	61.5	38.4	26.9	19.2	15.4	7.7	7.7	3.8	3.8
30°	107.6	88.4	69.2	50.0	34.6	23.1	15.4	7.7	7.7	3.8	3.8
27.5°	119.2	96.1	76.9	57.7	38.4	26.9	19.2	11.5	7.7	3.8	3.8
25°	130.7	107.6	84.6	65.4	42.3	30.8	19.2	11.5	7.7	7.7	3.8
22.5°	138.4	119.2	96.1	73.0	50.0	34.6	23.1	15.4	7.7	7.7	3.8
20°	149.9	130.7	103.8	80.7	57.7	38.4	23.1	15.4	7.7	7.7	3.8
17.5°	161.5	138.4	111.5	88.4	65.4	42.3	26.9	19.2	7.7	7.7	3.8
15°	173.0	146.1	119.2	92.3	69.2	46.1	26.9	19.2	7.7	7.7	3.8
12.5°	184.5	157.6	126.9	100.0	73.0	50.0	30.8	23.1	11.5	7.7	3.8
10°	192.2	165.3	134.6	103.8	76.9	57.7	34.6	23.1	11.5	7.7	3.8
7.5°	203.8	173.0	142.2	111.5	80.7	61.5	38.4	23.1	11.5	7.7	3.8
5°	207.6	180.7	146.1	119.2	84.6	65.4	42.3	26.9	11.5	7.7	3.8
2.5°	211.5	188.4	149.9	123.0	88.4	65.4	42.3	26.9	15.4	7.7	3.8
0°	215.3	192.2	153.8	126.9	92.3	69.2	46.1	26.9	15.4	7.7	3.8
-2.5°	219.1	196.1	161.5	130.7	96.1	73.0	50.0	26.9	15.4	7.7	3.8
-5°	223.0	196.1	169.2	134.6	100.0	73.0	50.0	30.8	19.2	7.7	3.8
-7.5°	226.8	199.9	173.0	138.4	103.8	73.0	53.8	30.8	19.2	11.5	3.8
-10°	230.7	203.8	176.9	142.2	103.8	76.9	53.8	30.8	19.2	11.5	3.8
-12.5°	234.5	207.6	176.9	142.2	107.6	76.9	53.8	34.6	19.2	11.5	3.8
-15°	238.4	207.6	176.9	142.2	107.6	80.7	57.7	34.6	19.2	11.5	7.7
-17.5°	238.4	207.6	176.9	146.1	107.6	80.7	57.7	34.6	19.2	11.5	7.7
-20°	238.4	207.6	176.9	146.1	107.6	80.7	57.7	34.6	19.2	11.5	7.7



REPORT NUMBER: P724105

CATALOG NUMBER: IFLD-S-SA3D-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°	234.5	203.8	176.9	142.2	107.6	80.7	57.7	34.6	23.1	11.5	7.7
-25°	234.5	203.8	176.9	142.2	107.6	80.7	53.8	34.6	23.1	11.5	7.7
-27.5°	230.7	203.8	173.0	138.4	103.8	76.9	53.8	34.6	23.1	11.5	7.7
-30°	226.8	199.9	169.2	134.6	103.8	76.9	53.8	34.6	23.1	11.5	7.7
-32.5°	223.0	192.2	165.3	130.7	100.0	73.0	53.8	34.6	23.1	11.5	7.7
-35°	215.3	188.4	157.6	126.9	96.1	73.0	50.0	34.6	23.1	15.4	7.7
-37.5°	207.6	180.7	153.8	123.0	92.3	69.2	50.0	34.6	23.1	15.4	7.7
-40°	199.9	176.9	146.1	115.3	88.4	65.4	50.0	34.6	23.1	15.4	11.5
-42.5°	192.2	169.2	142.2	111.5	88.4	65.4	46.1	34.6	23.1	15.4	11.5
-45°	188.4	165.3	134.6	107.6	84.6	65.4	46.1	30.8	23.1	15.4	11.5
-47.5°	180.7	153.8	126.9	103.8	80.7	61.5	42.3	30.8	23.1	15.4	11.5
-50°	169.2	146.1	123.0	100.0	76.9	57.7	42.3	30.8	23.1	15.4	11.5
-52.5°	157.6	134.6	115.3	92.3	73.0	57.7	42.3	30.8	23.1	15.4	11.5
-55°	146.1	126.9	107.6	88.4	69.2	53.8	38.4	30.8	23.1	15.4	11.5
-57.5°	138.4	119.2	100.0	80.7	65.4	50.0	38.4	26.9	19.2	15.4	11.5
-60°	130.7	111.5	92.3	76.9	61.5	50.0	38.4	26.9	19.2	15.4	7.7
-62.5°	119.2	103.8	84.6	73.0	57.7	46.1	34.6	26.9	19.2	15.4	7.7
-65°	107.6	92.3	76.9	65.4	53.8	42.3	34.6	26.9	19.2	15.4	7.7
-67.5°	96.1	84.6	73.0	61.5	50.0	42.3	34.6	26.9	19.2	11.5	7.7
-70°	88.4	76.9	65.4	57.7	50.0	38.4	34.6	26.9	19.2	11.5	7.7
-72.5°	76.9	69.2	61.5	53.8	46.1	42.3	34.6	26.9	15.4	11.5	7.7
-75°	73.0	65.4	57.7	53.8	50.0	42.3	34.6	23.1	15.4	11.5	7.7
-77.5°	73.0	65.4	61.5	57.7	50.0	42.3	30.8	19.2	11.5	11.5	7.7
-80°	73.0	69.2	65.4	53.8	46.1	34.6	23.1	19.2	11.5	7.7	3.8
-82.5°	65.4	53.8	46.1	38.4	34.6	26.9	19.2	15.4	7.7	7.7	3.8
-85°	42.3	34.6	30.8	26.9	23.1	19.2	11.5	7.7	7.7	3.8	3.8
-87.5°	19.2	19.2	15.4	11.5	11.5	7.7	7.7	3.8	3.8	3.8	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: P724105
 CATALOG NUMBER: IFLD-S-SA3D-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°	3.8	0.0	0.0	0.0
77.5°	3.8	0.0	0.0	0.0
75°	3.8	3.8	0.0	0.0
72.5°	3.8	3.8	0.0	0.0
70°	3.8	3.8	0.0	0.0
67.5°	3.8	3.8	0.0	0.0
65°	3.8	3.8	0.0	0.0
62.5°	3.8	3.8	0.0	0.0
60°	3.8	3.8	0.0	0.0
57.5°	3.8	3.8	3.8	0.0
55°	3.8	3.8	3.8	0.0
52.5°	3.8	3.8	3.8	0.0
50°	3.8	3.8	3.8	0.0
47.5°	3.8	3.8	3.8	0.0
45°	3.8	3.8	3.8	0.0
42.5°	3.8	3.8	3.8	0.0
40°	3.8	3.8	3.8	0.0
37.5°	3.8	3.8	3.8	0.0
35°	3.8	3.8	3.8	0.0
32.5°	3.8	3.8	3.8	0.0
30°	3.8	3.8	3.8	0.0
27.5°	3.8	3.8	3.8	0.0
25°	3.8	3.8	3.8	0.0
22.5°	3.8	3.8	3.8	0.0
20°	3.8	3.8	3.8	0.0
17.5°	3.8	3.8	3.8	0.0
15°	3.8	3.8	3.8	0.0
12.5°	3.8	3.8	3.8	0.0
10°	3.8	3.8	3.8	0.0
7.5°	3.8	3.8	3.8	0.0
5°	3.8	3.8	3.8	0.0
2.5°	3.8	3.8	3.8	0.0
0°	3.8	3.8	3.8	0.0
-2.5°	3.8	3.8	3.8	0.0
-5°	3.8	3.8	3.8	0.0
-7.5°	3.8	3.8	3.8	0.0
-10°	3.8	3.8	3.8	0.0
-12.5°	3.8	3.8	3.8	0.0
-15°	3.8	3.8	3.8	0.0
-17.5°	3.8	3.8	3.8	0.0
-20°	3.8	3.8	3.8	0.0



REPORT NUMBER: P724105
CATALOG NUMBER: IFLD-S-SA3D-735-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.8	3.8	3.8	0.0
-25°	3.8	3.8	3.8	0.0
-27.5°	3.8	3.8	3.8	0.0
-30°	3.8	3.8	3.8	0.0
-32.5°	3.8	3.8	3.8	0.0
-35°	3.8	3.8	3.8	0.0
-37.5°	3.8	3.8	3.8	0.0
-40°	3.8	3.8	3.8	0.0
-42.5°	3.8	3.8	3.8	0.0
-45°	3.8	3.8	3.8	0.0
-47.5°	3.8	3.8	3.8	0.0
-50°	3.8	3.8	3.8	0.0
-52.5°	3.8	3.8	3.8	0.0
-55°	3.8	3.8	3.8	0.0
-57.5°	3.8	3.8	3.8	0.0
-60°	3.8	3.8	0.0	0.0
-62.5°	3.8	3.8	0.0	0.0
-65°	3.8	3.8	0.0	0.0
-67.5°	3.8	3.8	0.0	0.0
-70°	3.8	3.8	0.0	0.0
-72.5°	3.8	3.8	0.0	0.0
-75°	3.8	3.8	0.0	0.0
-77.5°	3.8	0.0	0.0	0.0
-80°	3.8	0.0	0.0	0.0
-82.5°	3.8	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)