

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: P723811

Luminaire Tested: **IFLD-S-SA2E-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723811
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (32) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	7043.4 lumens	Max Intensity:	165707.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	45.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		

Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	2554.2 lumens	Field Lumens:	4072 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

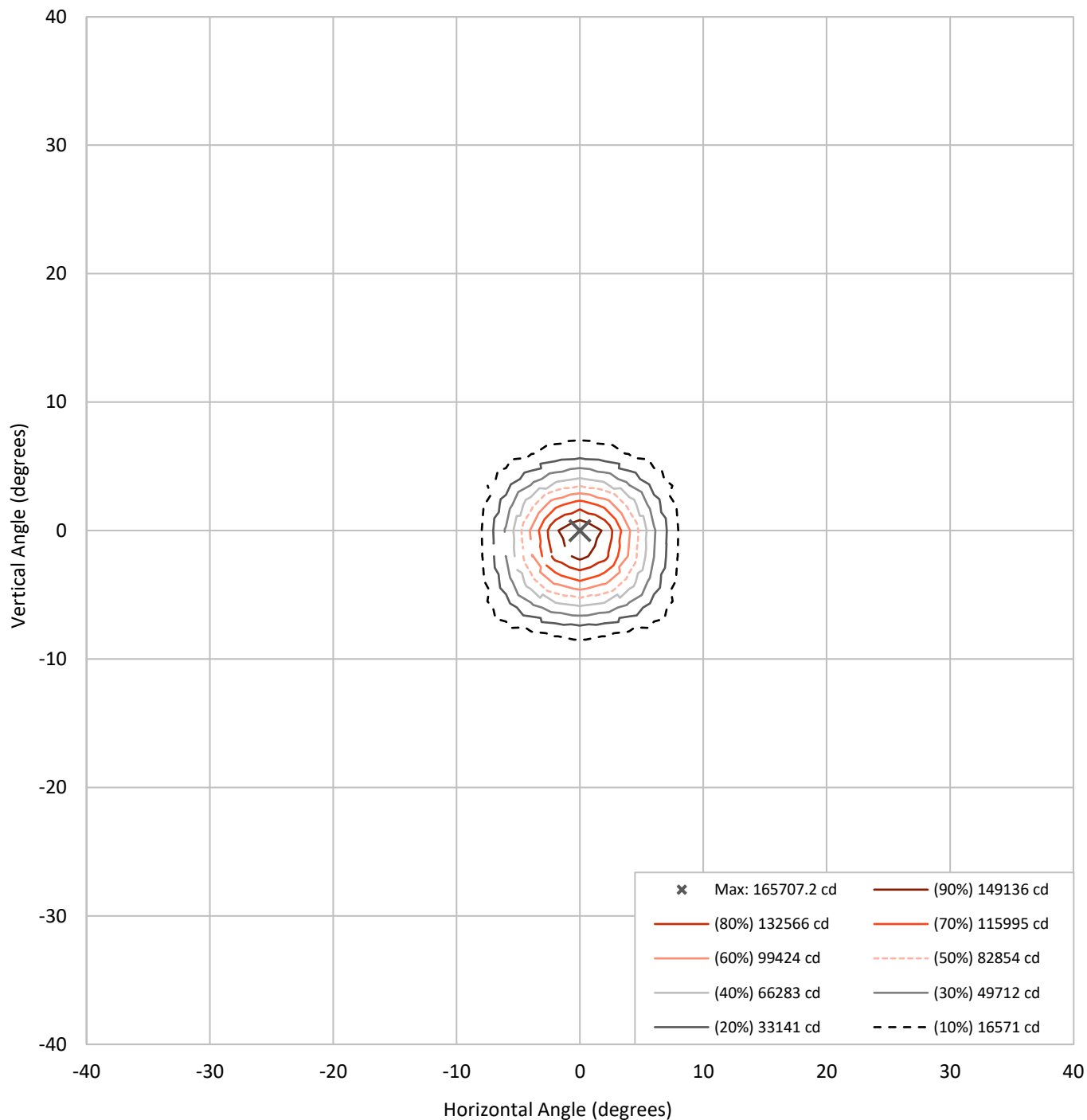
Input Watts (W): 156.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723811

CATALOG NUMBER: IFLD-S-SA2E-827-U-11-VI

Iso-Candela Plot



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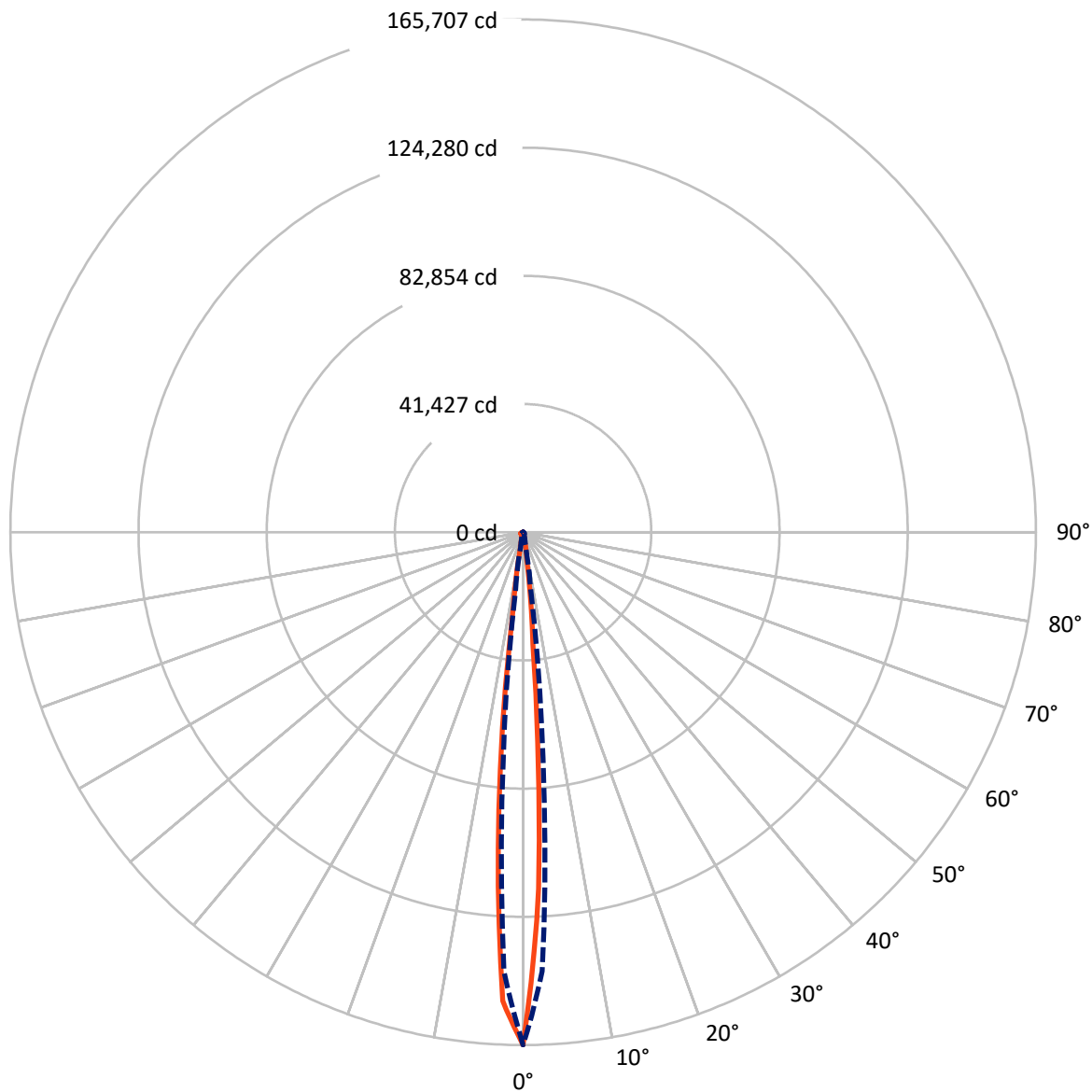
Lumen Table

Vertical Angle (degrees)		Horizontal Angle (degrees)																																					
90		-90		-80		-70		-60		-50		-40		-30		-20		-10		0		10		20		30		40		50		60		70		80		90	
80	0.1			1.6				1.7				0.7				0.2				0.7				1.7				1.6				0.1							
70	0.2	0.4	0.5	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.4		0.2		0.2		0.2	0.2	0.3	0.3	0.5	0.4		0.2		0.2		0.2		0.2		0.2			
60																																						0.2	0.3
50	0.2	0.2	1.0	3.2	6.3	9.2	11.1	12.3	12.3	11.1	9.2	6.3	3.2	1.0	0.2		0.2		0.2		0.2	0.2	0.3	0.3	0.5	0.4		0.2		0.2		0.2		0.2		0.2			
40																																						0.5	2.4
30	0.3	0.9	4.2	9.6	12.4	12.8	15.1	18.2	18.2	15.1	12.8	12.4	9.6	4.2	0.9		0.3		0.3		0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9		0.3		0.3		0.3		0.3			
20																																						1.4	5.9
10	0.5	1.9	7.2	12.9	13.7	18.4	49.9	924.6	924.6	49.9	18.4	13.7	12.9	7.2	1.9		0.5		0.5		0.5	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0		
0																																						2.2	7.9
-10	0.7	2.3	8.1	14.3	15.4	17.2	31.2	60.0	60.0	31.2	17.2	15.4	14.3	8.1	2.3		0.7		0.7		0.7	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2		
-20																																						2.2	7.7
-30	0.7	1.9	6.8	13.9	19.0	20.7	21.6	21.7	21.7	21.6	20.7	19.0	13.9	6.8	1.9		0.7		0.7		0.7	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2		
-40																																						1.7	5.5
-50	0.6	1.5	4.2	9.1	15.6	21.0	24.4	25.8	25.8	24.4	21.0	15.6	9.1	4.2	1.5		0.6		0.6		0.6	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0			
-60																																					1.4	3.7	7.4
-70	0.6	1.5	4.2	9.1	15.6	21.0	24.4	25.8	25.8	24.4	21.0	15.6	9.1	4.2	1.5		0.6		0.6		0.6	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0			
-80																																					1.4	3.7	7.4
-90	0.3	4.4		13.0		24.0		26.5		24.0		13.0		4.4		0.3																							

REPORT NUMBER: P723811

CATALOG NUMBER: IFLD-S-SA2E-827-U-11-VI

Luminous Intensity Polar Plot



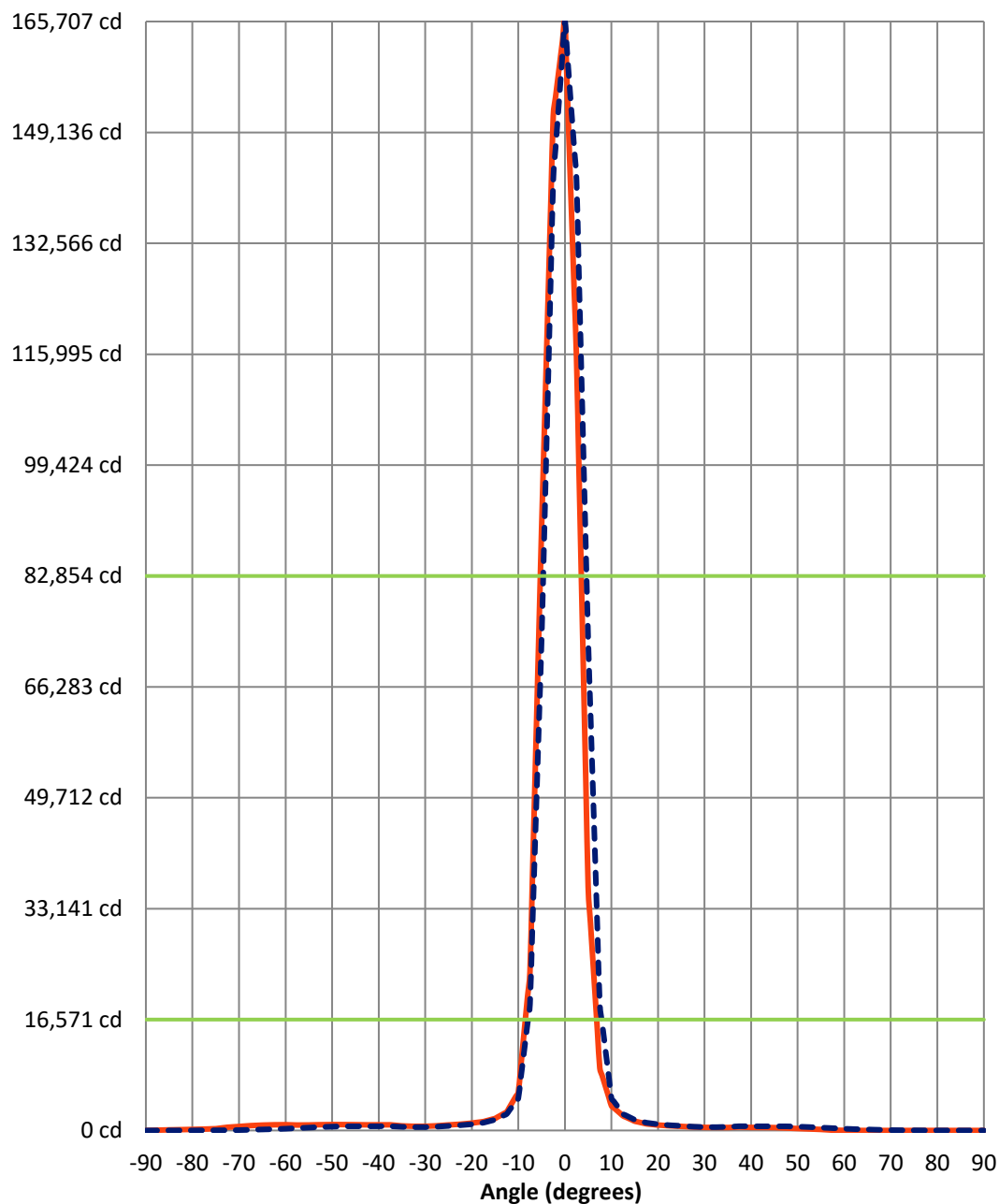
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723811

CATALOG NUMBER: IFLD-S-SA2E-827-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 2554.2

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 4072

Efficiency: 57.8%

Spill:

Lumens: 2971.5

Efficiency: 42.2%

— 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	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
85°	0.0	1.6	1.6	3.3	3.3	3.3	4.9	6.5	8.1	8.1	9.8
82.5°	0.0	1.6	1.6	3.3	3.3	4.9	4.9	8.1	9.8	11.4	14.6
80°	1.6	1.6	1.6	3.3	3.3	4.9	4.9	6.5	8.1	11.4	13.0
77.5°	0.0	1.6	1.6	1.6	3.3	3.3	3.3	4.9	6.5	8.1	9.8
75°	0.0	1.6	1.6	1.6	3.3	3.3	3.3	3.3	4.9	4.9	6.5
72.5°	0.0	0.0	0.0	1.6	1.6	3.3	3.3	3.3	4.9	4.9	4.9
70°	0.0	0.0	0.0	1.6	1.6	3.3	3.3	3.3	4.9	4.9	4.9
67.5°	0.0	0.0	0.0	1.6	1.6	3.3	3.3	3.3	4.9	4.9	4.9
65°	0.0	0.0	0.0	1.6	1.6	3.3	3.3	4.9	4.9	4.9	4.9
62.5°	1.6	1.6	1.6	3.3	4.9	4.9	6.5	8.1	8.1	8.1	8.1
60°	16.3	17.9	19.5	19.5	17.9	17.9	19.5	19.5	19.5	19.5	19.5
57.5°	43.9	47.2	48.8	48.8	48.8	47.2	53.7	55.3	48.8	45.5	50.4
55°	152.8	157.7	154.5	149.6	139.8	128.5	125.2	123.6	125.2	117.1	104.1
52.5°	222.8	227.6	226.0	222.8	216.3	208.1	201.6	195.1	188.6	175.6	161.0
50°	289.4	291.0	289.4	286.2	279.7	271.5	258.5	243.9	230.9	227.6	214.6
47.5°	364.2	369.1	369.1	367.5	362.6	348.0	328.4	307.3	297.5	294.3	281.3
45°	430.9	434.1	435.8	437.4	435.8	421.1	403.2	391.9	370.7	364.2	364.2
42.5°	448.8	450.4	452.0	453.6	458.5	447.1	432.5	413.0	408.1	406.5	403.2
40°	455.3	452.0	453.6	455.3	456.9	448.8	437.4	426.0	422.7	419.5	419.5
37.5°	517.1	502.4	491.0	481.3	473.2	465.0	453.6	443.9	435.8	429.3	435.8
35°	440.6	440.6	452.0	461.8	471.5	481.3	482.9	471.5	453.6	445.5	456.9
32.5°	450.4	450.4	450.4	453.6	456.9	465.0	473.2	478.0	491.0	476.4	476.4
30°	460.1	461.8	465.0	466.6	461.8	458.5	455.3	455.3	463.4	484.5	495.9
27.5°	517.1	517.1	512.2	505.7	491.0	468.3	456.9	440.6	442.3	452.0	479.7
25°	609.7	606.5	595.1	578.8	552.8	520.3	489.4	455.3	440.6	435.8	447.1
22.5°	697.5	692.7	678.0	663.4	642.3	609.7	557.7	505.7	460.1	440.6	435.8
20°	809.7	798.3	782.1	759.3	725.2	692.7	647.1	578.8	512.2	461.8	442.3
17.5°	990.2	975.6	944.7	904.0	845.5	795.1	730.1	665.0	590.2	508.9	465.0
15°	1385.3	1347.9	1294.3	1182.1	1066.6	970.7	873.1	764.2	687.8	580.5	513.8
12.5°	2178.8	2076.3	1920.2	1658.5	1399.9	1177.2	1019.5	879.6	756.1	656.9	562.6
10°	3687.7	3468.2	3037.3	2321.9	1845.5	1435.7	1152.8	965.8	809.7	707.3	603.2
7.5°	9326.5	7607.8	5383.5	3676.3	2414.5	1754.4	1318.6	1047.1	866.6	739.8	635.7
5°	36349.8	29943.5	15973.3	6666.4	3632.4	2121.9	1468.2	1112.2	904.0	764.2	660.1
2.5°	115362.9	99623.7	52267.8	14350.6	4460.0	2390.1	1570.7	1152.8	925.2	782.1	678.0
0°	165707.2	142017.1	73354.8	18874.0	4837.2	2458.4	1603.2	1160.9	928.4	785.3	678.0
-2.5°	151594.0	132674.4	70860.6	17563.5	4942.9	2478.0	1629.2	1188.6	952.8	800.0	682.9
-5°	90076.1	79009.9	49430.6	12523.1	4391.7	2300.7	1560.9	1164.2	936.5	791.8	679.6
-7.5°	23732.4	20545.5	13514.9	6534.7	2842.2	1946.3	1434.1	1123.5	915.4	777.2	666.6
-10°	5721.7	5422.5	4843.7	2969.0	2212.9	1626.0	1271.5	1050.4	873.1	757.7	645.5
-12.5°	2759.2	2694.2	2445.4	2016.2	1642.2	1351.2	1151.2	973.9	834.1	723.5	616.2
-15°	1795.1	1757.7	1673.1	1508.9	1318.6	1178.8	1039.0	895.9	785.3	673.1	591.8
-17.5°	1328.4	1326.8	1284.5	1222.7	1128.4	1024.3	921.9	830.9	723.5	627.6	565.8
-20°	1100.8	1100.8	1076.4	1035.7	969.1	900.8	832.5	747.9	660.1	588.6	562.6

REPORT NUMBER: P723811

CATALOG NUMBER: IFLD-S-SA2E-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	934.9	936.5	923.5	897.5	861.8	804.8	738.2	669.9	606.5	580.5	572.3
-25°	827.6	824.4	809.7	785.3	747.9	702.4	658.5	613.0	595.1	588.6	600.0
-27.5°	700.8	705.7	699.2	687.8	663.4	630.9	621.1	608.1	611.4	621.1	665.0
-30°	626.0	630.9	637.4	642.3	634.1	626.0	629.2	639.0	660.1	697.5	713.8
-32.5°	626.0	627.6	637.4	647.1	652.0	658.5	676.4	708.9	739.8	730.1	726.8
-35°	682.9	678.0	691.0	704.0	721.9	744.7	764.2	757.7	746.3	743.1	746.3
-37.5°	845.5	814.6	801.6	793.5	788.6	785.3	780.5	775.6	770.7	767.4	772.3
-40°	843.9	835.7	827.6	821.1	816.2	809.7	806.5	804.8	800.0	796.7	793.5
-42.5°	840.6	843.9	843.9	842.2	843.9	842.2	837.4	830.9	822.7	816.2	809.7
-45°	865.0	866.6	869.9	873.1	878.0	871.5	861.8	850.4	839.0	829.2	821.1
-47.5°	879.6	881.3	884.5	889.4	892.6	886.1	873.1	858.5	840.6	824.4	808.1
-50°	884.5	889.4	891.0	891.0	889.4	881.3	861.8	840.6	821.1	804.8	790.2
-52.5°	861.8	866.6	868.3	865.0	863.4	855.3	837.4	817.9	796.7	785.3	772.3
-55°	824.4	830.9	835.7	835.7	835.7	834.1	817.9	800.0	783.7	770.7	757.7
-57.5°	809.7	821.1	830.9	832.5	834.1	835.7	824.4	806.5	787.0	767.4	751.2
-60°	863.4	873.1	878.0	871.5	866.6	861.8	843.9	822.7	803.2	783.7	752.8
-62.5°	848.7	865.0	873.1	868.3	861.8	853.6	834.1	809.7	787.0	765.8	734.9
-65°	801.6	816.2	826.0	817.9	808.1	796.7	778.8	756.1	734.9	713.8	686.2
-67.5°	721.9	743.1	759.3	741.4	728.4	713.8	699.2	679.6	658.5	634.1	608.1
-70°	596.7	613.0	627.6	622.7	619.5	616.2	606.5	587.0	569.1	549.6	526.8
-72.5°	479.7	494.3	507.3	499.2	492.7	482.9	468.3	447.1	426.0	404.9	383.7
-75°	265.0	269.9	274.8	273.2	273.2	273.2	273.2	274.8	271.5	266.7	256.9
-77.5°	203.2	209.7	214.6	217.9	222.8	229.3	234.1	226.0	217.9	209.7	200.0
-80°	159.3	165.8	170.7	188.6	201.6	216.3	226.0	214.6	203.2	193.5	185.4
-82.5°	120.3	125.2	130.1	139.8	146.3	154.5	161.0	161.0	159.3	157.7	152.8
-85°	87.8	94.3	100.8	104.1	108.9	108.9	110.6	104.1	97.6	92.7	86.2
-87.5°	50.4	52.0	52.0	52.0	53.7	53.7	53.7	50.4	48.8	45.5	43.9
-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: P723811

CATALOG NUMBER: IFLD-S-SA2E-827-U-11-VI

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°	1.6	1.6	1.6	3.3	3.3	4.9	4.9	6.5	6.5	8.1	8.1
85°	9.8	9.8	9.8	11.4	11.4	13.0	14.6	16.3	17.9	17.9	19.5
82.5°	16.3	17.9	19.5	21.1	22.8	24.4	26.0	27.6	32.5	35.8	37.4
80°	16.3	17.9	22.8	26.0	29.3	32.5	32.5	32.5	32.5	34.1	37.4
77.5°	11.4	13.0	14.6	17.9	26.0	32.5	37.4	40.6	37.4	35.8	32.5
75°	6.5	8.1	9.8	11.4	16.3	22.8	30.9	39.0	45.5	43.9	40.6
72.5°	6.5	6.5	8.1	9.8	11.4	13.0	14.6	22.8	32.5	40.6	45.5
70°	6.5	8.1	8.1	9.8	11.4	13.0	14.6	17.9	22.8	32.5	42.3
67.5°	6.5	8.1	8.1	11.4	14.6	16.3	17.9	16.3	14.6	21.1	30.9
65°	6.5	6.5	8.1	9.8	11.4	13.0	17.9	17.9	16.3	16.3	16.3
62.5°	9.8	9.8	9.8	9.8	11.4	11.4	11.4	14.6	14.6	14.6	14.6
60°	19.5	17.9	17.9	17.9	17.9	14.6	14.6	14.6	13.0	14.6	13.0
57.5°	47.2	39.0	35.8	35.8	30.9	29.3	24.4	17.9	17.9	14.6	14.6
55°	95.9	91.1	76.4	63.4	56.9	50.4	39.0	32.5	24.4	19.5	17.9
52.5°	148.0	135.0	121.9	105.7	89.4	76.4	65.0	50.4	40.6	29.3	22.8
50°	193.5	182.1	167.5	149.6	128.5	112.2	95.9	76.4	60.2	45.5	32.5
47.5°	263.4	240.6	222.8	201.6	177.2	154.5	133.3	110.6	84.5	66.7	50.4
45°	338.2	305.7	281.3	261.8	229.3	198.4	174.0	149.6	118.7	87.8	68.3
42.5°	390.2	365.8	333.3	307.3	278.0	245.5	213.0	187.0	154.5	118.7	87.8
40°	417.9	401.6	375.6	352.8	321.9	286.2	252.0	226.0	191.9	152.8	110.6
37.5°	439.0	430.9	417.9	400.0	370.7	328.4	294.3	263.4	234.1	188.6	143.1
35°	463.4	461.8	453.6	445.5	421.1	380.5	339.8	304.1	268.3	226.0	175.6
32.5°	486.2	484.5	479.7	476.4	466.6	430.9	387.0	346.3	305.7	261.8	206.5
30°	497.5	494.3	494.3	497.5	487.8	465.0	432.5	388.6	343.1	291.0	239.0
27.5°	497.5	494.3	495.9	500.8	499.2	487.8	463.4	427.6	377.2	318.7	268.3
25°	476.4	492.7	492.7	499.2	500.8	497.5	484.5	461.8	409.7	348.0	291.0
22.5°	447.1	486.2	500.8	499.2	500.8	508.9	510.5	489.4	440.6	377.2	313.8
20°	447.1	474.8	517.1	505.7	508.9	526.8	534.9	517.1	473.2	404.9	336.6
17.5°	456.9	474.8	510.5	528.4	533.3	547.9	561.0	549.6	502.4	434.1	367.5
15°	484.5	481.3	505.7	549.6	557.7	569.1	583.7	570.7	528.4	466.6	396.7
12.5°	504.0	486.2	505.7	552.8	578.8	590.2	595.1	585.3	551.2	495.9	426.0
10°	530.1	499.2	508.9	549.6	587.0	595.1	600.0	596.7	572.3	520.3	452.0
7.5°	549.6	505.7	505.7	544.7	595.1	601.6	604.9	608.1	590.2	541.4	474.8
5°	557.7	505.7	502.4	539.8	603.2	609.7	609.7	614.6	603.2	557.7	491.0
2.5°	559.3	504.0	499.2	536.6	617.9	617.9	614.6	619.5	613.0	567.5	502.4
0°	567.5	502.4	497.5	541.4	634.1	627.6	619.5	621.1	617.9	572.3	508.9
-2.5°	567.5	510.5	504.0	544.7	632.5	630.9	627.6	629.2	626.0	587.0	521.9
-5°	575.6	521.9	515.4	559.3	630.9	635.7	637.4	637.4	632.5	596.7	530.1
-7.5°	577.2	530.1	528.4	574.0	634.1	642.3	647.1	650.4	640.6	603.2	536.6
-10°	569.1	533.3	541.4	591.8	637.4	648.8	658.5	663.4	647.1	606.5	539.8
-12.5°	551.2	533.3	554.4	614.6	645.5	658.5	673.1	674.8	653.6	608.1	541.4
-15°	549.6	546.3	577.2	637.4	650.4	666.6	689.4	684.5	658.5	608.1	541.4
-17.5°	547.9	564.2	611.4	645.5	658.5	676.4	694.3	689.4	661.8	608.1	538.2
-20°	562.6	593.5	652.0	653.6	668.3	687.8	697.5	687.8	656.9	603.2	533.3

REPORT NUMBER: P723811

CATALOG NUMBER: IFLD-S-SA2E-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	587.0	645.5	665.0	671.5	684.5	699.2	704.0	689.4	652.0	595.1	525.2
-25°	648.8	678.0	678.0	692.7	705.7	712.2	707.3	691.0	645.5	587.0	517.1
-27.5°	695.9	694.3	702.4	717.0	728.4	728.4	715.4	682.9	635.7	578.8	505.7
-30°	713.8	715.4	726.8	743.1	746.3	738.2	718.7	676.4	627.6	565.8	491.0
-32.5°	731.7	738.2	752.8	760.9	762.6	746.3	710.5	665.0	614.6	551.2	474.8
-35°	752.8	765.8	774.0	775.6	767.4	739.8	699.2	650.4	595.1	530.1	460.1
-37.5°	780.5	787.0	791.8	785.3	762.6	730.1	679.6	630.9	577.2	507.3	439.0
-40°	798.3	801.6	803.2	782.1	754.4	707.3	658.5	608.1	546.3	481.3	416.2
-42.5°	809.7	806.5	793.5	770.7	730.1	684.5	637.4	580.5	518.7	455.3	391.9
-45°	806.5	795.1	775.6	747.9	705.7	660.1	604.9	547.9	489.4	427.6	364.2
-47.5°	793.5	775.6	751.2	718.7	679.6	624.4	569.1	513.8	456.9	396.7	338.2
-50°	777.2	756.1	726.8	686.2	634.1	583.7	533.3	479.7	421.1	365.8	313.8
-52.5°	759.3	736.6	699.2	653.6	596.7	544.7	495.9	443.9	390.2	338.2	292.7
-55°	739.8	717.0	674.8	622.7	565.8	508.9	461.8	417.9	365.8	315.4	274.8
-57.5°	730.1	700.8	656.9	604.9	544.7	486.2	445.5	398.4	351.2	299.2	260.2
-60°	721.9	692.7	652.0	591.8	534.9	479.7	432.5	387.0	336.6	287.8	248.8
-62.5°	699.2	668.3	630.9	572.3	517.1	466.6	424.4	370.7	321.9	276.4	240.6
-65°	653.6	621.1	588.6	536.6	486.2	439.0	396.7	348.0	302.4	263.4	232.5
-67.5°	582.1	554.4	525.2	481.3	439.0	396.7	357.7	315.4	278.0	250.4	234.1
-70°	502.4	473.2	443.9	408.1	372.3	338.2	307.3	276.4	252.0	237.4	224.4
-72.5°	365.8	352.8	338.2	310.6	281.3	260.2	245.5	232.5	214.6	201.6	193.5
-75°	243.9	226.0	203.2	193.5	195.1	191.9	183.7	174.0	165.8	161.0	149.6
-77.5°	190.2	180.5	169.1	157.7	152.8	148.0	141.5	133.3	126.8	115.4	99.2
-80°	175.6	167.5	159.3	151.2	143.1	131.7	118.7	105.7	99.2	94.3	92.7
-82.5°	144.7	135.0	125.2	117.1	105.7	97.6	89.4	82.9	82.9	81.3	79.7
-85°	82.9	79.7	74.8	71.5	68.3	63.4	58.5	55.3	53.7	52.0	50.4
-87.5°	42.3	40.6	37.4	35.8	34.1	32.5	29.3	27.6	26.0	26.0	24.4
-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: P723811

CATALOG NUMBER: IFLD-S-SA2E-827-U-11-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°	8.1	8.1	6.5	6.5	6.5	4.9	3.3	3.3	1.6	1.6	0.0
85°	19.5	16.3	14.6	13.0	13.0	9.8	6.5	4.9	3.3	1.6	1.6
82.5°	37.4	32.5	27.6	24.4	19.5	14.6	11.4	8.1	4.9	3.3	1.6
80°	42.3	42.3	40.6	34.1	27.6	21.1	14.6	9.8	6.5	4.9	3.3
77.5°	32.5	35.8	35.8	35.8	34.1	26.0	17.9	11.4	6.5	4.9	3.3
75°	37.4	32.5	30.9	32.5	30.9	26.0	21.1	13.0	8.1	6.5	3.3
72.5°	45.5	39.0	34.1	32.5	29.3	24.4	19.5	14.6	8.1	6.5	4.9
70°	42.3	40.6	37.4	34.1	29.3	24.4	19.5	14.6	9.8	6.5	4.9
67.5°	37.4	37.4	37.4	34.1	29.3	22.8	17.9	13.0	9.8	6.5	4.9
65°	26.0	30.9	34.1	32.5	29.3	22.8	17.9	13.0	9.8	8.1	4.9
62.5°	16.3	21.1	27.6	30.9	27.6	22.8	16.3	13.0	9.8	8.1	4.9
60°	14.6	16.3	19.5	24.4	26.0	21.1	16.3	11.4	9.8	8.1	4.9
57.5°	14.6	14.6	16.3	19.5	21.1	19.5	14.6	9.8	9.8	8.1	6.5
55°	16.3	14.6	14.6	16.3	17.9	17.9	14.6	9.8	9.8	8.1	6.5
52.5°	19.5	16.3	14.6	14.6	14.6	16.3	13.0	9.8	9.8	8.1	6.5
50°	24.4	19.5	17.9	14.6	14.6	14.6	13.0	9.8	8.1	8.1	6.5
47.5°	32.5	26.0	19.5	17.9	14.6	13.0	11.4	9.8	8.1	8.1	6.5
45°	48.8	30.9	26.0	19.5	16.3	14.6	13.0	9.8	8.1	8.1	6.5
42.5°	66.7	45.5	32.5	22.8	17.9	14.6	13.0	11.4	8.1	8.1	6.5
40°	84.5	61.8	40.6	29.3	21.1	16.3	13.0	11.4	9.8	8.1	6.5
37.5°	104.1	76.4	53.7	37.4	24.4	17.9	14.6	11.4	9.8	8.1	6.5
35°	128.5	95.9	66.7	45.5	29.3	21.1	16.3	11.4	9.8	8.1	6.5
32.5°	156.1	113.8	79.7	55.3	37.4	26.0	17.9	13.0	9.8	8.1	6.5
30°	182.1	135.0	94.3	66.7	45.5	29.3	19.5	13.0	9.8	8.1	4.9
27.5°	208.1	156.1	112.2	78.0	55.3	34.1	21.1	14.6	9.8	8.1	6.5
25°	234.1	177.2	130.1	89.4	63.4	40.6	26.0	16.3	9.8	8.1	6.5
22.5°	256.9	198.4	146.3	102.4	73.2	47.2	29.3	17.9	11.4	8.1	6.5
20°	282.9	221.1	164.2	117.1	81.3	53.7	32.5	19.5	11.4	8.1	6.5
17.5°	307.3	243.9	182.1	130.1	91.1	60.2	37.4	21.1	13.0	8.1	6.5
15°	331.7	265.0	198.4	143.1	100.8	66.7	40.6	22.8	14.6	8.1	6.5
12.5°	354.5	284.5	213.0	154.5	108.9	73.2	43.9	24.4	16.3	8.1	6.5
10°	375.6	302.4	227.6	164.2	117.1	78.0	47.2	27.6	17.9	8.1	6.5
7.5°	396.7	317.1	239.0	174.0	126.8	84.5	50.4	29.3	19.5	9.8	6.5
5°	409.7	330.1	248.8	182.1	135.0	91.1	53.7	30.9	21.1	9.8	6.5
2.5°	421.1	339.8	255.3	190.2	143.1	95.9	53.7	32.5	22.8	9.8	6.5
0°	427.6	346.3	260.2	195.1	149.6	99.2	55.3	34.1	24.4	9.8	6.5
-2.5°	442.3	357.7	271.5	201.6	156.1	108.9	58.5	35.8	26.0	11.4	6.5
-5°	452.0	364.2	279.7	208.1	161.0	118.7	63.4	39.0	29.3	14.6	8.1
-7.5°	460.1	370.7	286.2	211.4	165.8	121.9	65.0	40.6	30.9	16.3	8.1
-10°	461.8	374.0	291.0	216.3	169.1	126.8	66.7	42.3	32.5	17.9	8.1
-12.5°	463.4	377.2	292.7	219.5	172.4	130.1	68.3	43.9	34.1	19.5	8.1
-15°	461.8	375.6	292.7	222.8	174.0	126.8	71.5	45.5	35.8	21.1	8.1
-17.5°	458.5	374.0	291.0	221.1	172.4	123.6	73.2	48.8	35.8	22.8	9.8
-20°	453.6	369.1	287.8	219.5	170.7	120.3	74.8	50.4	37.4	22.8	9.8



REPORT NUMBER: P723811

CATALOG NUMBER: IFLD-S-SA2E-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	445.5	361.0	281.3	214.6	167.5	117.1	74.8	53.7	39.0	22.8	9.8
-25°	435.8	352.8	274.8	208.1	162.6	112.2	74.8	55.3	40.6	22.8	9.8
-27.5°	424.4	344.7	265.0	203.2	156.1	108.9	74.8	56.9	42.3	22.8	9.8
-30°	411.4	333.3	256.9	195.1	151.2	108.9	76.4	58.5	43.9	22.8	9.8
-32.5°	398.4	321.9	247.1	188.6	144.7	107.3	76.4	60.2	45.5	21.1	11.4
-35°	383.7	308.9	239.0	183.7	139.8	104.1	78.0	60.2	43.9	21.1	11.4
-37.5°	365.8	292.7	230.9	178.9	136.6	100.8	78.0	61.8	42.3	21.1	11.4
-40°	346.3	279.7	221.1	172.4	131.7	99.2	78.0	61.8	40.6	21.1	13.0
-42.5°	325.2	265.0	211.4	165.8	126.8	97.6	78.0	61.8	39.0	21.1	13.0
-45°	305.7	250.4	200.0	157.7	121.9	97.6	78.0	60.2	35.8	22.8	13.0
-47.5°	284.5	234.1	187.0	149.6	120.3	95.9	76.4	56.9	32.5	22.8	13.0
-50°	266.7	217.9	177.2	141.5	117.1	97.6	78.0	52.0	32.5	22.8	13.0
-52.5°	248.8	206.5	165.8	138.2	113.8	99.2	76.4	48.8	32.5	22.8	13.0
-55°	234.1	195.1	159.3	133.3	117.1	102.4	73.2	43.9	32.5	22.8	13.0
-57.5°	222.8	188.6	154.5	135.0	121.9	99.2	68.3	42.3	32.5	21.1	13.0
-60°	214.6	182.1	156.1	141.5	123.6	94.3	65.0	42.3	32.5	21.1	11.4
-62.5°	208.1	183.7	164.2	146.3	117.1	87.8	61.8	42.3	29.3	19.5	11.4
-65°	209.7	190.2	167.5	139.8	112.2	81.3	56.9	40.6	27.6	17.9	11.4
-67.5°	214.6	185.4	157.7	131.7	100.8	73.2	52.0	37.4	26.0	17.9	11.4
-70°	198.4	170.7	143.1	112.2	86.2	63.4	48.8	34.1	22.8	16.3	11.4
-72.5°	178.9	143.1	113.8	91.1	73.2	58.5	43.9	30.9	21.1	14.6	9.8
-75°	130.1	104.1	84.5	76.4	65.0	52.0	39.0	27.6	19.5	14.6	9.8
-77.5°	92.7	86.2	78.0	69.9	58.5	45.5	34.1	26.0	17.9	13.0	8.1
-80°	91.1	82.9	73.2	60.2	48.8	39.0	29.3	22.8	16.3	11.4	6.5
-82.5°	76.4	65.0	55.3	45.5	37.4	30.9	24.4	17.9	13.0	8.1	4.9
-85°	47.2	40.6	35.8	30.9	26.0	21.1	16.3	11.4	8.1	4.9	3.3
-87.5°	22.8	21.1	17.9	14.6	13.0	9.8	8.1	6.5	4.9	3.3	1.6
-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: P723811

CATALOG NUMBER: IFLD-S-SA2E-827-U-11-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°	1.6	0.0	0.0	0.0
80°	1.6	0.0	0.0	0.0
77.5°	1.6	0.0	0.0	0.0
75°	1.6	1.6	0.0	0.0
72.5°	1.6	1.6	0.0	0.0
70°	3.3	1.6	1.6	0.0
67.5°	3.3	1.6	1.6	0.0
65°	3.3	1.6	1.6	0.0
62.5°	3.3	1.6	1.6	0.0
60°	3.3	1.6	1.6	0.0
57.5°	3.3	1.6	1.6	0.0
55°	3.3	1.6	1.6	0.0
52.5°	3.3	1.6	1.6	0.0
50°	3.3	1.6	1.6	0.0
47.5°	3.3	3.3	1.6	0.0
45°	3.3	3.3	1.6	0.0
42.5°	3.3	3.3	1.6	0.0
40°	3.3	3.3	1.6	0.0
37.5°	3.3	3.3	1.6	0.0
35°	3.3	3.3	1.6	0.0
32.5°	4.9	3.3	1.6	0.0
30°	4.9	3.3	3.3	0.0
27.5°	4.9	3.3	3.3	0.0
25°	4.9	3.3	3.3	0.0
22.5°	4.9	3.3	3.3	0.0
20°	4.9	3.3	3.3	0.0
17.5°	4.9	3.3	3.3	0.0
15°	4.9	3.3	3.3	0.0
12.5°	4.9	3.3	3.3	0.0
10°	4.9	3.3	3.3	0.0
7.5°	4.9	3.3	3.3	0.0
5°	4.9	3.3	3.3	0.0
2.5°	4.9	3.3	3.3	0.0
0°	4.9	3.3	3.3	0.0
-2.5°	4.9	3.3	3.3	0.0
-5°	4.9	3.3	3.3	0.0
-7.5°	4.9	3.3	3.3	0.0
-10°	4.9	3.3	3.3	0.0
-12.5°	6.5	3.3	3.3	0.0
-15°	6.5	3.3	3.3	0.0
-17.5°	6.5	3.3	3.3	0.0
-20°	6.5	3.3	3.3	0.0



REPORT NUMBER: P723811

CATALOG NUMBER: IFLD-S-SA2E-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	6.5	3.3	3.3	0.0
-25°	6.5	3.3	3.3	0.0
-27.5°	6.5	3.3	3.3	0.0
-30°	6.5	3.3	3.3	0.0
-32.5°	6.5	3.3	3.3	0.0
-35°	6.5	3.3	3.3	0.0
-37.5°	6.5	3.3	3.3	0.0
-40°	6.5	3.3	3.3	0.0
-42.5°	4.9	3.3	1.6	0.0
-45°	6.5	3.3	1.6	0.0
-47.5°	6.5	3.3	1.6	0.0
-50°	6.5	3.3	1.6	0.0
-52.5°	6.5	3.3	1.6	0.0
-55°	6.5	3.3	1.6	0.0
-57.5°	6.5	3.3	1.6	0.0
-60°	6.5	3.3	1.6	0.0
-62.5°	6.5	3.3	1.6	0.0
-65°	6.5	3.3	1.6	0.0
-67.5°	6.5	3.3	1.6	0.0
-70°	6.5	1.6	1.6	0.0
-72.5°	4.9	1.6	1.6	0.0
-75°	4.9	1.6	1.6	0.0
-77.5°	3.3	1.6	0.0	0.0
-80°	3.3	1.6	0.0	0.0
-82.5°	3.3	1.6	0.0	0.0
-85°	1.6	0.0	0.0	0.0
-87.5°	1.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)