

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: P723815

Luminaire Tested: **IFLD-S-SA3D-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723815
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	9070 lumens	Max Intensity:	213385.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	49.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	3289.2 lumens	Field Lumens:	5243.6 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

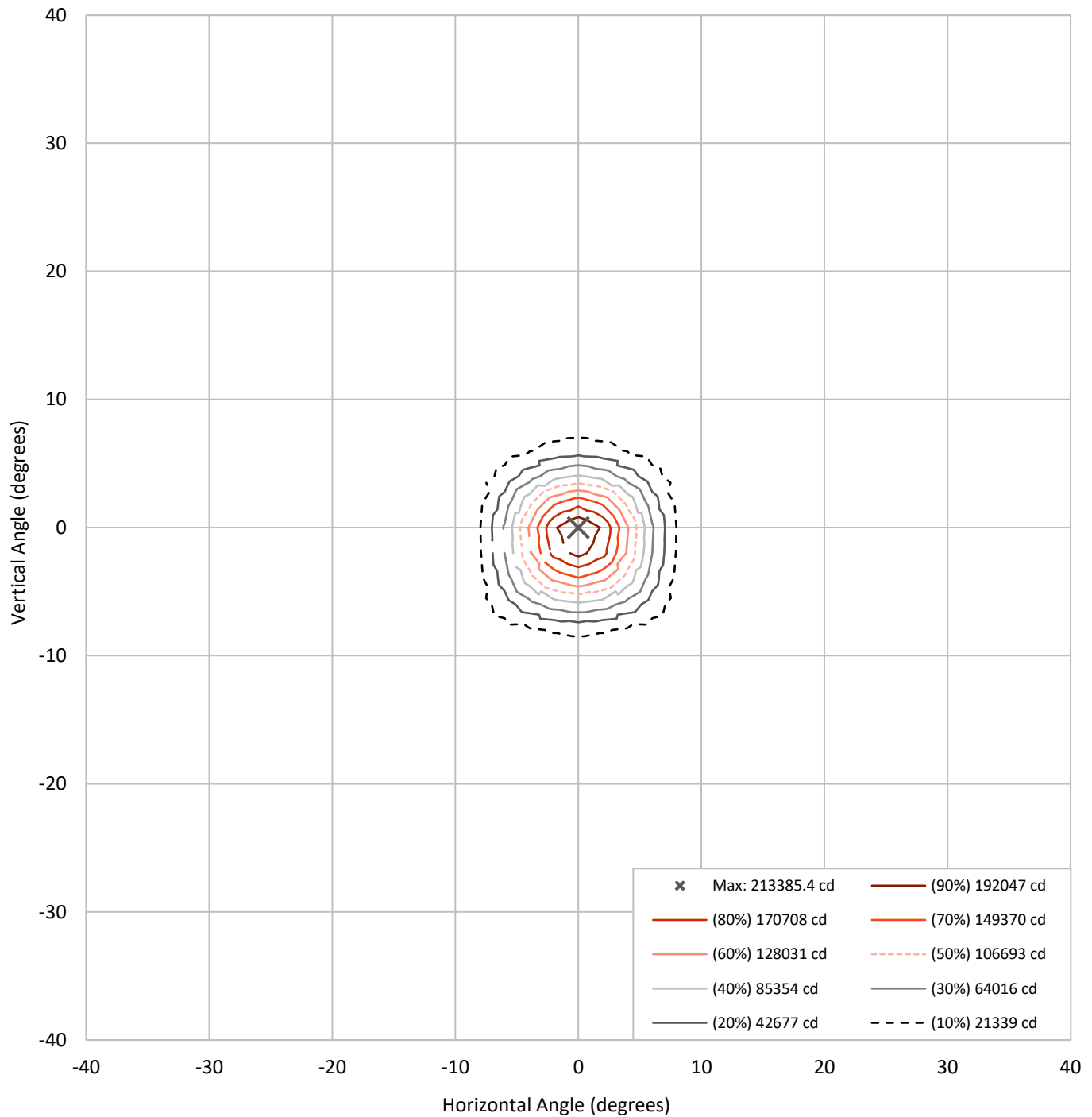
Input Watts (W): 184.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723815

CATALOG NUMBER: IFLD-S-SA3D-827-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723815

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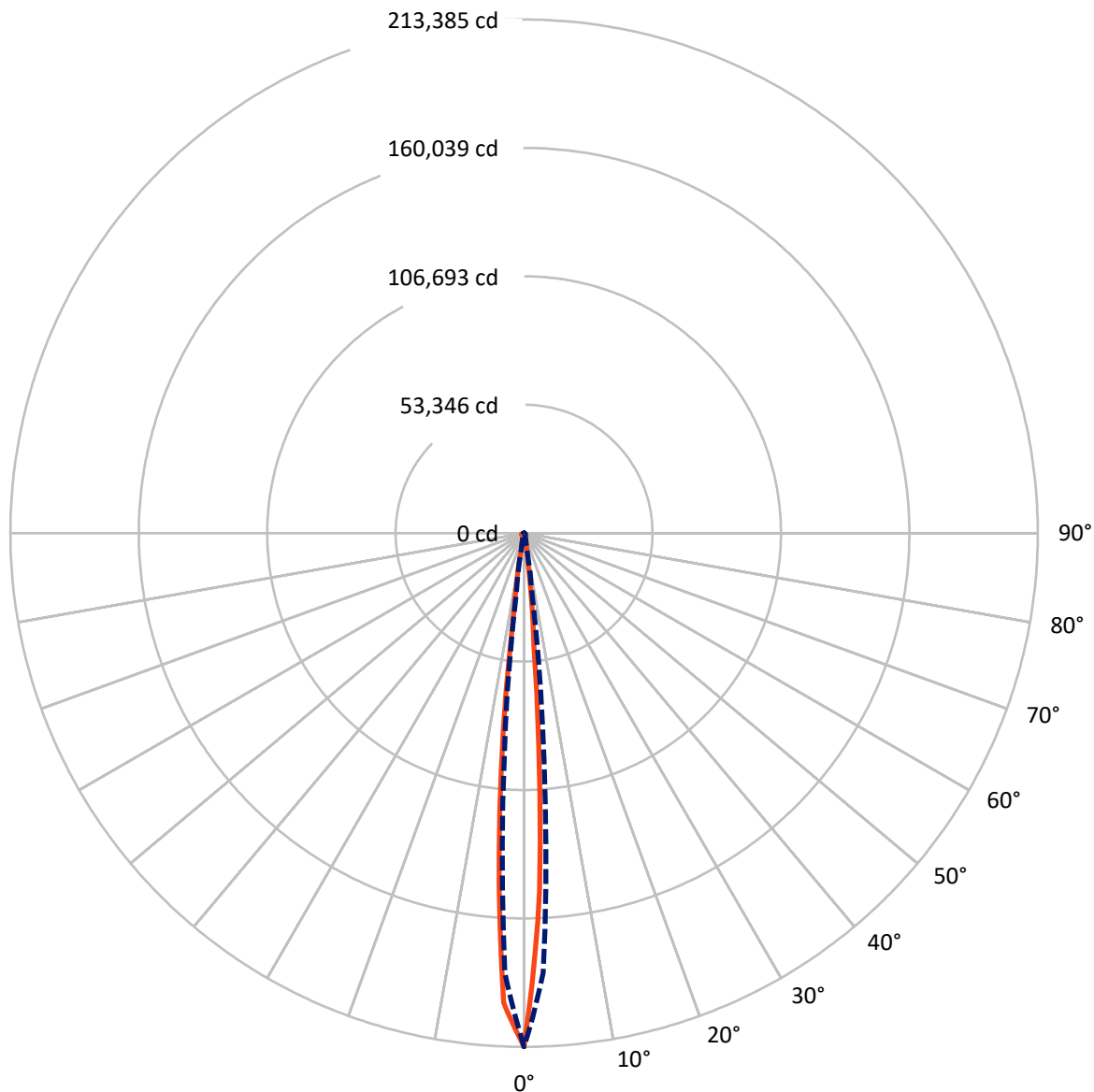
Lumen Table

90																			
80	0.2	2.0		2.2		0.8		0.2		0.8		2.2		2.0		0.2			
70																			
60	0.2	0.5	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.2	0.3	0.4	0.4	0.6	0.5	0.2			
50		0.3	0.4	1.1	2.3	3.8	4.9	5.6	5.6	4.9	3.8	2.3	1.1	0.4	0.3				
40	0.2	0.3	1.2	4.1	8.1	11.9	14.3	15.9	15.9	14.3	11.9	8.1	4.1	1.2	0.3	0.2			
30		0.6	3.1	8.5	13.8	16.2	17.5	18.1	18.1	17.5	16.2	13.8	8.5	3.1	0.6				
20	0.4	1.2	5.4	12.4	16.0	16.5	19.4	23.4	23.4	19.4	16.5	16.0	12.4	5.4	1.2	0.4			
10		1.8	7.5	15.2	17.0	19.2	33.8	57.6	57.6	33.8	19.2	17.0	15.2	7.5	1.8				
0	0.6	2.4	9.2	16.7	17.7	23.7	64.2	1190.7	1190.7	64.2	23.7	17.7	16.7	9.2	2.4	0.6			
-10		2.8	10.1	17.5	18.3	24.5	69.2	1736.1	1736.1	69.2	24.5	18.3	17.5	10.1	2.8				
-20	0.9	3.0	10.4	18.4	19.8	22.1	40.2	77.2	77.2	40.2	22.1	19.8	18.4	10.4	3.0	0.9			
-30		2.8	9.9	18.7	22.3	22.3	26.1	31.8	31.8	26.1	22.3	22.3	18.7	9.9	2.8				
-40	1.0	2.5	8.7	17.9	24.5	26.7	27.8	28.0	28.0	27.8	26.7	24.5	17.9	8.7	2.5	1.0			
-50		2.2	7.0	15.2	23.6	28.7	32.2	33.7	33.7	32.2	28.7	23.6	15.2	7.0	2.2				
-60	0.8	2.0	5.4	11.7	20.1	27.0	31.4	33.2	33.2	31.4	27.0	20.1	11.7	5.4	2.0	0.8			
-70		1.8	4.8	9.6	16.8	23.6	28.6	30.9	30.9	28.6	23.6	16.8	9.6	4.8	1.8				
-80	0.3	5.6		16.7		31.0		34.2		31.0		16.7		5.6		0.3			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

REPORT NUMBER: P723815

CATALOG NUMBER: IFLD-S-SA3D-827-U-11-VI

Luminous Intensity Polar Plot



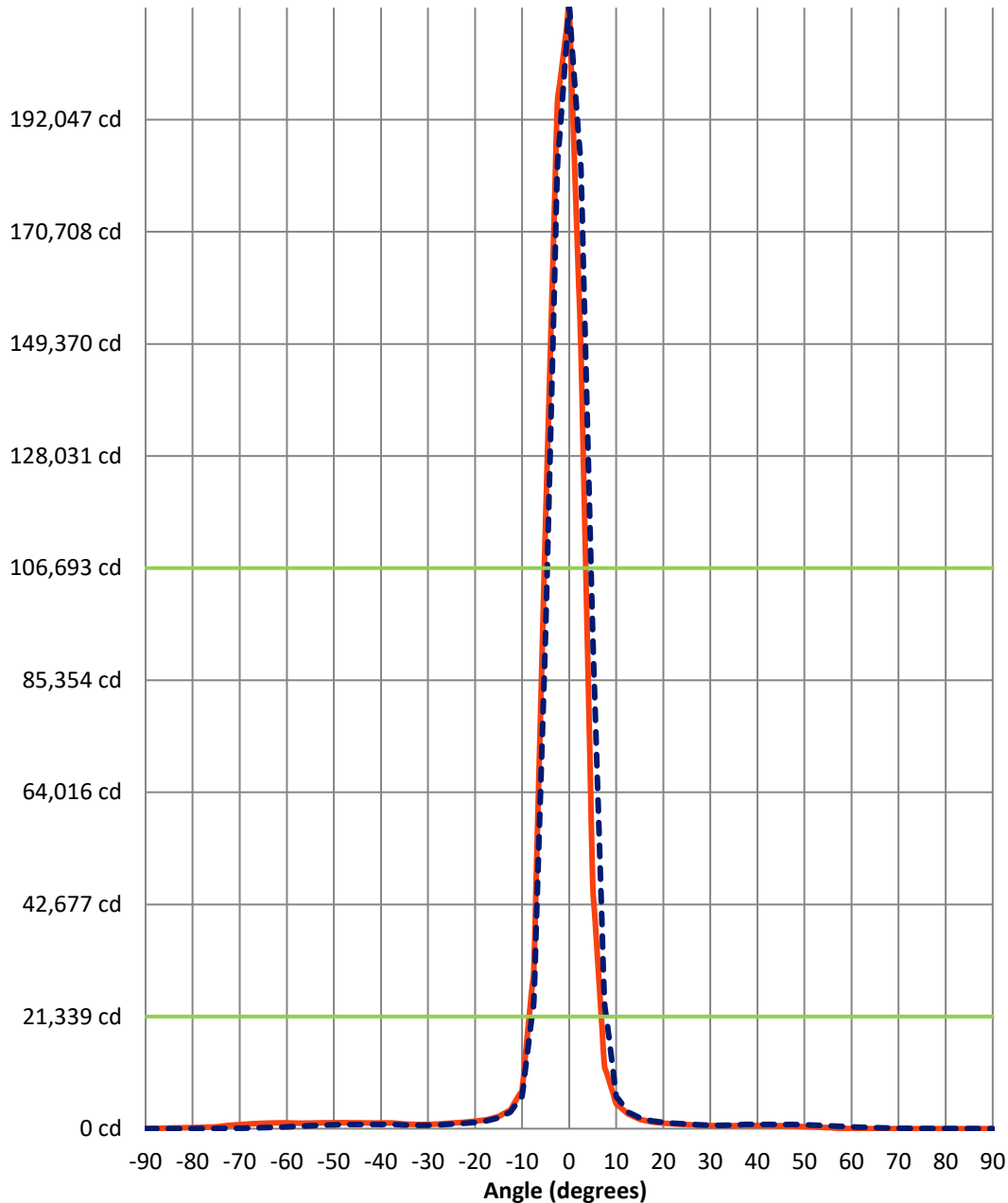
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723815

CATALOG NUMBER: IFLD-S-SA3D-827-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°
V Angle: 8.8°
Lumens: 3289.2
Efficiency: 36.3%

Field:

H Angle: 15.8°
V Angle: 15.3°
Lumens: 5243.6
Efficiency: 57.8%

Spill:

Lumens: 3826.5
Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

REPORT NUMBER: P723815

CATALOG NUMBER: IFLD-S-SA3D-827-U-11-VI

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	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
85°	0.0	2.1	2.1	4.2	4.2	4.2	6.3	8.4	10.5	10.5	12.6
82.5°	0.0	2.1	2.1	4.2	4.2	6.3	6.3	10.5	12.6	14.7	18.8
80°	2.1	2.1	2.1	4.2	4.2	6.3	6.3	8.4	10.5	14.7	16.8
77.5°	0.0	2.1	2.1	2.1	4.2	4.2	4.2	6.3	8.4	10.5	12.6
75°	0.0	2.1	2.1	2.1	4.2	4.2	4.2	4.2	6.3	6.3	8.4
72.5°	0.0	0.0	0.0	2.1	2.1	4.2	4.2	4.2	6.3	6.3	6.3
70°	0.0	0.0	0.0	2.1	2.1	4.2	4.2	4.2	6.3	6.3	6.3
67.5°	0.0	0.0	0.0	2.1	2.1	4.2	4.2	4.2	6.3	6.3	6.3
65°	0.0	0.0	0.0	2.1	2.1	4.2	4.2	6.3	6.3	6.3	6.3
62.5°	2.1	2.1	2.1	4.2	6.3	6.3	8.4	10.5	10.5	10.5	10.5
60°	20.9	23.0	25.1	25.1	23.0	23.0	25.1	25.1	25.1	25.1	25.1
57.5°	56.5	60.7	62.8	62.8	62.8	60.7	69.1	71.2	62.8	58.6	64.9
55°	196.8	203.1	198.9	192.6	180.1	165.4	161.2	159.1	161.2	150.8	134.0
52.5°	286.8	293.1	291.0	286.8	278.5	268.0	259.6	251.3	242.9	226.1	207.3
50°	372.7	374.8	372.7	368.5	360.1	349.7	332.9	314.1	297.3	293.1	276.4
47.5°	469.0	475.3	475.3	473.2	466.9	448.1	422.9	395.7	383.2	379.0	362.2
45°	554.9	559.0	561.1	563.2	561.1	542.3	519.3	504.6	477.4	469.0	469.0
42.5°	577.9	580.0	582.1	584.2	590.4	575.8	556.9	531.8	525.5	523.4	519.3
40°	586.3	582.1	584.2	586.3	588.4	577.9	563.2	548.6	544.4	540.2	540.2
37.5°	665.8	647.0	632.3	619.8	609.3	598.8	584.2	571.6	561.1	552.8	561.1
35°	567.4	567.4	582.1	594.6	607.2	619.8	621.9	607.2	584.2	573.7	588.4
32.5°	580.0	580.0	580.0	584.2	588.4	598.8	609.3	615.6	632.3	613.5	613.5
30°	592.5	594.6	598.8	600.9	594.6	590.4	586.3	586.3	596.7	623.9	638.6
27.5°	665.8	665.8	659.5	651.2	632.3	603.0	588.4	567.4	569.5	582.1	617.7
25°	785.2	781.0	766.3	745.4	711.9	670.0	630.2	586.3	567.4	561.1	575.8
22.5°	898.2	891.9	873.1	854.3	827.0	785.2	718.2	651.2	592.5	567.4	561.1
20°	1042.7	1028.0	1007.1	977.8	933.8	891.9	833.3	745.4	659.5	594.6	569.5
17.5°	1275.1	1256.3	1216.5	1164.1	1088.8	1023.9	940.1	856.4	760.0	655.4	598.8
15°	1783.9	1735.7	1666.6	1522.2	1373.5	1250.0	1124.4	984.1	885.7	747.5	661.6
12.5°	2805.7	2673.8	2472.8	2135.7	1802.7	1515.9	1312.8	1132.7	973.6	845.9	724.4
10°	4748.7	4466.0	3911.2	2989.9	2376.4	1848.8	1484.5	1243.7	1042.7	910.8	776.8
7.5°	12009.9	9796.8	6932.5	4734.0	3109.3	2259.2	1698.1	1348.4	1116.0	952.7	818.7
5°	46808.5	38559.0	20569.3	8584.5	4677.5	2732.4	1890.7	1432.1	1164.1	984.1	850.1
2.5°	148555.7	128287.9	67306.6	18479.7	5743.2	3077.9	2022.6	1484.5	1191.4	1007.1	873.1
0°	213385.4	182879.0	94460.8	24304.6	6229.0	3165.8	2064.5	1495.0	1195.5	1011.3	873.1
-2.5°	195211.4	170848.2	91249.0	22617.0	6365.1	3190.9	2098.0	1530.6	1227.0	1030.1	879.4
-5°	115993.3	101743.0	63653.0	16126.3	5655.3	2962.7	2010.0	1499.1	1206.0	1019.7	875.2
-7.5°	30560.8	26457.0	17403.5	8414.9	3659.9	2506.3	1846.7	1446.8	1178.8	1000.8	858.4
-10°	7368.0	6982.8	6237.4	3823.2	2849.6	2093.8	1637.3	1352.6	1124.4	975.7	831.2
-12.5°	3553.1	3469.4	3149.0	2596.3	2114.7	1739.9	1482.4	1254.2	1074.1	931.7	793.5
-15°	2311.5	2263.4	2154.5	1943.0	1698.1	1518.0	1337.9	1153.7	1011.3	866.8	762.1
-17.5°	1710.6	1708.5	1654.1	1574.5	1453.1	1319.1	1187.2	1069.9	931.7	808.2	728.6
-20°	1417.5	1417.5	1386.1	1333.7	1247.9	1160.0	1072.0	963.1	850.1	757.9	724.4

REPORT NUMBER: P723815

CATALOG NUMBER: IFLD-S-SA3D-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°	1203.9	1206.0	1189.3	1155.8	1109.7	1036.4	950.6	862.6	781.0	747.5	737.0
-25°	1065.7	1061.5	1042.7	1011.3	963.1	904.5	848.0	789.4	766.3	757.9	772.6
-27.5°	902.4	908.7	900.3	885.7	854.3	812.4	799.8	783.1	787.3	799.8	856.4
-30°	806.1	812.4	820.8	827.0	816.6	806.1	810.3	822.9	850.1	898.2	919.2
-32.5°	806.1	808.2	820.8	833.3	839.6	848.0	871.0	912.9	952.7	940.1	935.9
-35°	879.4	873.1	889.9	906.6	929.6	959.0	984.1	975.7	961.0	956.9	961.0
-37.5°	1088.8	1049.0	1032.2	1021.8	1015.5	1011.3	1005.0	998.7	992.5	988.3	994.5
-40°	1086.7	1076.2	1065.7	1057.4	1051.1	1042.7	1038.5	1036.4	1030.1	1026.0	1021.8
-42.5°	1082.5	1086.7	1086.7	1084.6	1086.7	1084.6	1078.3	1069.9	1059.5	1051.1	1042.7
-45°	1113.9	1116.0	1120.2	1124.4	1130.6	1122.3	1109.7	1095.0	1080.4	1067.8	1057.4
-47.5°	1132.7	1134.8	1139.0	1145.3	1149.5	1141.1	1124.4	1105.5	1082.5	1061.5	1040.6
-50°	1139.0	1145.3	1147.4	1147.4	1145.3	1134.8	1109.7	1082.5	1057.4	1036.4	1017.6
-52.5°	1109.7	1116.0	1118.1	1113.9	1111.8	1101.3	1078.3	1053.2	1026.0	1011.3	994.5
-55°	1061.5	1069.9	1076.2	1076.2	1076.2	1074.1	1053.2	1030.1	1009.2	992.5	975.7
-57.5°	1042.7	1057.4	1069.9	1072.0	1074.1	1076.2	1061.5	1038.5	1013.4	988.3	967.3
-60°	1111.8	1124.4	1130.6	1122.3	1116.0	1109.7	1086.7	1059.5	1034.3	1009.2	969.4
-62.5°	1093.0	1113.9	1124.4	1118.1	1109.7	1099.2	1074.1	1042.7	1013.4	986.2	946.4
-65°	1032.2	1051.1	1063.6	1053.2	1040.6	1026.0	1002.9	973.6	946.4	919.2	883.6
-67.5°	929.6	956.9	977.8	954.8	938.0	919.2	900.3	875.2	848.0	816.6	783.1
-70°	768.4	789.4	808.2	801.9	797.7	793.5	781.0	755.9	732.8	707.7	678.4
-72.5°	617.7	636.5	653.3	642.8	634.4	621.9	603.0	575.8	548.6	521.4	494.1
-75°	341.3	347.6	353.8	351.8	351.8	351.8	351.8	353.8	349.7	343.4	330.8
-77.5°	261.7	270.1	276.4	280.6	286.8	295.2	301.5	291.0	280.6	270.1	257.5
-80°	205.2	213.6	219.8	242.9	259.6	278.5	291.0	276.4	261.7	249.2	238.7
-82.5°	154.9	161.2	167.5	180.1	188.4	198.9	207.3	207.3	205.2	203.1	196.8
-85°	113.1	121.4	129.8	134.0	140.3	140.3	142.4	134.0	125.6	119.3	111.0
-87.5°	64.9	67.0	67.0	67.0	69.1	69.1	69.1	64.9	62.8	58.6	56.5
-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: P723815

CATALOG NUMBER: IFLD-S-SA3D-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°	2.1	2.1	2.1	4.2	4.2	6.3	6.3	8.4	8.4	10.5	10.5
85°	12.6	12.6	12.6	14.7	14.7	16.8	18.8	20.9	23.0	23.0	25.1
82.5°	20.9	23.0	25.1	27.2	29.3	31.4	33.5	35.6	41.9	46.1	48.2
80°	20.9	23.0	29.3	33.5	37.7	41.9	41.9	41.9	41.9	44.0	48.2
77.5°	14.7	16.8	18.8	23.0	33.5	41.9	48.2	52.3	48.2	46.1	41.9
75°	8.4	10.5	12.6	14.7	20.9	29.3	39.8	50.3	58.6	56.5	52.3
72.5°	8.4	8.4	10.5	12.6	14.7	16.8	18.8	29.3	41.9	52.3	58.6
70°	8.4	10.5	10.5	12.6	14.7	16.8	18.8	23.0	29.3	41.9	54.4
67.5°	8.4	10.5	10.5	14.7	18.8	20.9	23.0	20.9	18.8	27.2	39.8
65°	8.4	8.4	10.5	12.6	14.7	16.8	23.0	23.0	20.9	20.9	20.9
62.5°	12.6	12.6	12.6	12.6	14.7	14.7	14.7	18.8	18.8	18.8	18.8
60°	25.1	23.0	23.0	23.0	23.0	18.8	18.8	18.8	16.8	18.8	16.8
57.5°	60.7	50.3	46.1	46.1	39.8	37.7	31.4	23.0	23.0	18.8	18.8
55°	123.5	117.3	98.4	81.7	73.3	64.9	50.3	41.9	31.4	25.1	23.0
52.5°	190.5	173.8	157.0	136.1	115.2	98.4	83.8	64.9	52.3	37.7	29.3
50°	249.2	234.5	215.7	192.6	165.4	144.5	123.5	98.4	77.5	58.6	41.9
47.5°	339.2	309.9	286.8	259.6	228.2	198.9	171.7	142.4	108.9	85.8	64.9
45°	435.5	393.6	362.2	337.1	295.2	255.4	224.0	192.6	152.8	113.1	87.9
42.5°	502.5	471.1	429.2	395.7	358.0	316.2	274.3	240.8	198.9	152.8	113.1
40°	538.1	517.2	483.7	454.4	414.6	368.5	324.5	291.0	247.1	196.8	142.4
37.5°	565.3	554.9	538.1	515.1	477.4	422.9	379.0	339.2	301.5	242.9	184.3
35°	596.7	594.6	584.2	573.7	542.3	489.9	437.6	391.5	345.5	291.0	226.1
32.5°	626.0	623.9	617.7	613.5	600.9	554.9	498.3	446.0	393.6	337.1	265.9
30°	640.7	636.5	636.5	640.7	628.1	598.8	556.9	500.4	441.8	374.8	307.8
27.5°	640.7	636.5	638.6	644.9	642.8	628.1	596.7	550.7	485.8	410.4	345.5
25°	613.5	634.4	634.4	642.8	644.9	640.7	623.9	594.6	527.6	448.1	374.8
22.5°	575.8	626.0	644.9	642.8	644.9	655.4	657.4	630.2	567.4	485.8	404.1
20°	575.8	611.4	665.8	651.2	655.4	678.4	688.9	665.8	609.3	521.4	433.4
17.5°	588.4	611.4	657.4	680.5	686.8	705.6	722.4	707.7	647.0	559.0	473.2
15°	623.9	619.8	651.2	707.7	718.2	732.8	751.7	734.9	680.5	600.9	510.9
12.5°	649.1	626.0	651.2	711.9	745.4	760.0	766.3	753.8	709.8	638.6	548.6
10°	682.6	642.8	655.4	707.7	755.9	766.3	772.6	768.4	737.0	670.0	582.1
7.5°	707.7	651.2	651.2	701.4	766.3	774.7	778.9	783.1	760.0	697.2	611.4
5°	718.2	651.2	647.0	695.1	776.8	785.2	785.2	791.4	776.8	718.2	632.3
2.5°	720.3	649.1	642.8	690.9	795.6	795.6	791.4	797.7	789.4	730.7	647.0
0°	730.7	647.0	640.7	697.2	816.6	808.2	797.7	799.8	795.6	737.0	655.4
-2.5°	730.7	657.4	649.1	701.4	814.5	812.4	808.2	810.3	806.1	755.9	672.1
-5°	741.2	672.1	663.7	720.3	812.4	818.7	820.8	820.8	814.5	768.4	682.6
-7.5°	743.3	682.6	680.5	739.1	816.6	827.0	833.3	837.5	824.9	776.8	690.9
-10°	732.8	686.8	697.2	762.1	820.8	835.4	848.0	854.3	833.3	781.0	695.1
-12.5°	709.8	686.8	714.0	791.4	831.2	848.0	866.8	868.9	841.7	783.1	697.2
-15°	707.7	703.5	743.3	820.8	837.5	858.4	887.8	881.5	848.0	783.1	697.2
-17.5°	705.6	726.5	787.3	831.2	848.0	871.0	894.0	887.8	852.2	783.1	693.0
-20°	724.4	764.2	839.6	841.7	860.5	885.7	898.2	885.7	845.9	776.8	686.8

REPORT NUMBER: P723815

CATALOG NUMBER: IFLD-S-SA3D-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°	755.9	831.2	856.4	864.7	881.5	900.3	906.6	887.8	839.6	766.3	676.3
-25°	835.4	873.1	873.1	891.9	908.7	917.1	910.8	889.9	831.2	755.9	665.8
-27.5°	896.1	894.0	904.5	923.4	938.0	938.0	921.3	879.4	818.7	745.4	651.2
-30°	919.2	921.3	935.9	956.9	961.0	950.6	925.5	871.0	808.2	728.6	632.3
-32.5°	942.2	950.6	969.4	979.9	982.0	961.0	915.0	856.4	791.4	709.8	611.4
-35°	969.4	986.2	996.6	998.7	988.3	952.7	900.3	837.5	766.3	682.6	592.5
-37.5°	1005.0	1013.4	1019.7	1011.3	982.0	940.1	875.2	812.4	743.3	653.3	565.3
-40°	1028.0	1032.2	1034.3	1007.1	971.5	910.8	848.0	783.1	703.5	619.8	536.0
-42.5°	1042.7	1038.5	1021.8	992.5	940.1	881.5	820.8	747.5	667.9	586.3	504.6
-45°	1038.5	1023.9	998.7	963.1	908.7	850.1	778.9	705.6	630.2	550.7	469.0
-47.5°	1021.8	998.7	967.3	925.5	875.2	804.0	732.8	661.6	588.4	510.9	435.5
-50°	1000.8	973.6	935.9	883.6	816.6	751.7	686.8	617.7	542.3	471.1	404.1
-52.5°	977.8	948.5	900.3	841.7	768.4	701.4	638.6	571.6	502.5	435.5	376.9
-55°	952.7	923.4	868.9	801.9	728.6	655.4	594.6	538.1	471.1	406.2	353.8
-57.5°	940.1	902.4	845.9	778.9	701.4	626.0	573.7	513.0	452.3	385.3	335.0
-60°	929.6	891.9	839.6	762.1	688.9	617.7	556.9	498.3	433.4	370.6	320.3
-62.5°	900.3	860.5	812.4	737.0	665.8	600.9	546.5	477.4	414.6	355.9	309.9
-65°	841.7	799.8	757.9	690.9	626.0	565.3	510.9	448.1	389.4	339.2	299.4
-67.5°	749.6	714.0	676.3	619.8	565.3	510.9	460.6	406.2	358.0	322.4	301.5
-70°	647.0	609.3	571.6	525.5	479.5	435.5	395.7	355.9	324.5	305.7	288.9
-72.5°	471.1	454.4	435.5	399.9	362.2	335.0	316.2	299.4	276.4	259.6	249.2
-75°	314.1	291.0	261.7	249.2	251.3	247.1	236.6	224.0	213.6	207.3	192.6
-77.5°	245.0	232.4	217.8	203.1	196.8	190.5	182.2	171.7	163.3	148.7	127.7
-80°	226.1	215.7	205.2	194.7	184.3	169.6	152.8	136.1	127.7	121.4	119.3
-82.5°	186.3	173.8	161.2	150.8	136.1	125.6	115.2	106.8	106.8	104.7	102.6
-85°	106.8	102.6	96.3	92.1	87.9	81.7	75.4	71.2	69.1	67.0	64.9
-87.5°	54.4	52.3	48.2	46.1	44.0	41.9	37.7	35.6	33.5	33.5	31.4
-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: P723815

CATALOG NUMBER: IFLD-S-SA3D-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°	10.5	10.5	8.4	8.4	8.4	6.3	4.2	4.2	2.1	2.1	0.0
85°	25.1	20.9	18.8	16.8	16.8	12.6	8.4	6.3	4.2	2.1	2.1
82.5°	48.2	41.9	35.6	31.4	25.1	18.8	14.7	10.5	6.3	4.2	2.1
80°	54.4	54.4	52.3	44.0	35.6	27.2	18.8	12.6	8.4	6.3	4.2
77.5°	41.9	46.1	46.1	46.1	44.0	33.5	23.0	14.7	8.4	6.3	4.2
75°	48.2	41.9	39.8	41.9	39.8	33.5	27.2	16.8	10.5	8.4	4.2
72.5°	58.6	50.3	44.0	41.9	37.7	31.4	25.1	18.8	10.5	8.4	6.3
70°	54.4	52.3	48.2	44.0	37.7	31.4	25.1	18.8	12.6	8.4	6.3
67.5°	48.2	48.2	48.2	44.0	37.7	29.3	23.0	16.8	12.6	8.4	6.3
65°	33.5	39.8	44.0	41.9	37.7	29.3	23.0	16.8	12.6	10.5	6.3
62.5°	20.9	27.2	35.6	39.8	35.6	29.3	20.9	16.8	12.6	10.5	6.3
60°	18.8	20.9	25.1	31.4	33.5	27.2	20.9	14.7	12.6	10.5	6.3
57.5°	18.8	18.8	20.9	25.1	27.2	25.1	18.8	12.6	12.6	10.5	8.4
55°	20.9	18.8	18.8	20.9	23.0	23.0	18.8	12.6	12.6	10.5	8.4
52.5°	25.1	20.9	18.8	18.8	18.8	20.9	16.8	12.6	12.6	10.5	8.4
50°	31.4	25.1	23.0	18.8	18.8	18.8	16.8	12.6	10.5	10.5	8.4
47.5°	41.9	33.5	25.1	23.0	18.8	16.8	14.7	12.6	10.5	10.5	8.4
45°	62.8	39.8	33.5	25.1	20.9	18.8	16.8	12.6	10.5	10.5	8.4
42.5°	85.8	58.6	41.9	29.3	23.0	18.8	16.8	14.7	10.5	10.5	8.4
40°	108.9	79.6	52.3	37.7	27.2	20.9	16.8	14.7	12.6	10.5	8.4
37.5°	134.0	98.4	69.1	48.2	31.4	23.0	18.8	14.7	12.6	10.5	8.4
35°	165.4	123.5	85.8	58.6	37.7	27.2	20.9	14.7	12.6	10.5	8.4
32.5°	201.0	146.6	102.6	71.2	48.2	33.5	23.0	16.8	12.6	10.5	8.4
30°	234.5	173.8	121.4	85.8	58.6	37.7	25.1	16.8	12.6	10.5	6.3
27.5°	268.0	201.0	144.5	100.5	71.2	44.0	27.2	18.8	12.6	10.5	8.4
25°	301.5	228.2	167.5	115.2	81.7	52.3	33.5	20.9	12.6	10.5	8.4
22.5°	330.8	255.4	188.4	131.9	94.2	60.7	37.7	23.0	14.7	10.5	8.4
20°	364.3	284.8	211.5	150.8	104.7	69.1	41.9	25.1	14.7	10.5	8.4
17.5°	395.7	314.1	234.5	167.5	117.3	77.5	48.2	27.2	16.8	10.5	8.4
15°	427.1	341.3	255.4	184.3	129.8	85.8	52.3	29.3	18.8	10.5	8.4
12.5°	456.4	366.4	274.3	198.9	140.3	94.2	56.5	31.4	20.9	10.5	8.4
10°	483.7	389.4	293.1	211.5	150.8	100.5	60.7	35.6	23.0	10.5	8.4
7.5°	510.9	408.3	307.8	224.0	163.3	108.9	64.9	37.7	25.1	12.6	8.4
5°	527.6	425.0	320.3	234.5	173.8	117.3	69.1	39.8	27.2	12.6	8.4
2.5°	542.3	437.6	328.7	245.0	184.3	123.5	69.1	41.9	29.3	12.6	8.4
0°	550.7	446.0	335.0	251.3	192.6	127.7	71.2	44.0	31.4	12.6	8.4
-2.5°	569.5	460.6	349.7	259.6	201.0	140.3	75.4	46.1	33.5	14.7	8.4
-5°	582.1	469.0	360.1	268.0	207.3	152.8	81.7	50.3	37.7	18.8	10.5
-7.5°	592.5	477.4	368.5	272.2	213.6	157.0	83.8	52.3	39.8	20.9	10.5
-10°	594.6	481.6	374.8	278.5	217.8	163.3	85.8	54.4	41.9	23.0	10.5
-12.5°	596.7	485.8	376.9	282.7	221.9	167.5	87.9	56.5	44.0	25.1	10.5
-15°	594.6	483.7	376.9	286.8	224.0	163.3	92.1	58.6	46.1	27.2	10.5
-17.5°	590.4	481.6	374.8	284.8	221.9	159.1	94.2	62.8	46.1	29.3	12.6
-20°	584.2	475.3	370.6	282.7	219.8	154.9	96.3	64.9	48.2	29.3	12.6

REPORT NUMBER: P723815

CATALOG NUMBER: IFLD-S-SA3D-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°	573.7	464.8	362.2	276.4	215.7	150.8	96.3	69.1	50.3	29.3	12.6
-25°	561.1	454.4	353.8	268.0	209.4	144.5	96.3	71.2	52.3	29.3	12.6
-27.5°	546.5	443.9	341.3	261.7	201.0	140.3	96.3	73.3	54.4	29.3	12.6
-30°	529.7	429.2	330.8	251.3	194.7	140.3	98.4	75.4	56.5	29.3	12.6
-32.5°	513.0	414.6	318.3	242.9	186.3	138.2	98.4	77.5	58.6	27.2	14.7
-35°	494.1	397.8	307.8	236.6	180.1	134.0	100.5	77.5	56.5	27.2	14.7
-37.5°	471.1	376.9	297.3	230.3	175.9	129.8	100.5	79.6	54.4	27.2	14.7
-40°	446.0	360.1	284.8	221.9	169.6	127.7	100.5	79.6	52.3	27.2	16.8
-42.5°	418.8	341.3	272.2	213.6	163.3	125.6	100.5	79.6	50.3	27.2	16.8
-45°	393.6	322.4	257.5	203.1	157.0	125.6	100.5	77.5	46.1	29.3	16.8
-47.5°	366.4	301.5	240.8	192.6	154.9	123.5	98.4	73.3	41.9	29.3	16.8
-50°	343.4	280.6	228.2	182.2	150.8	125.6	100.5	67.0	41.9	29.3	16.8
-52.5°	320.3	265.9	213.6	178.0	146.6	127.7	98.4	62.8	41.9	29.3	16.8
-55°	301.5	251.3	205.2	171.7	150.8	131.9	94.2	56.5	41.9	29.3	16.8
-57.5°	286.8	242.9	198.9	173.8	157.0	127.7	87.9	54.4	41.9	27.2	16.8
-60°	276.4	234.5	201.0	182.2	159.1	121.4	83.8	54.4	41.9	27.2	14.7
-62.5°	268.0	236.6	211.5	188.4	150.8	113.1	79.6	54.4	37.7	25.1	14.7
-65°	270.1	245.0	215.7	180.1	144.5	104.7	73.3	52.3	35.6	23.0	14.7
-67.5°	276.4	238.7	203.1	169.6	129.8	94.2	67.0	48.2	33.5	23.0	14.7
-70°	255.4	219.8	184.3	144.5	111.0	81.7	62.8	44.0	29.3	20.9	14.7
-72.5°	230.3	184.3	146.6	117.3	94.2	75.4	56.5	39.8	27.2	18.8	12.6
-75°	167.5	134.0	108.9	98.4	83.8	67.0	50.3	35.6	25.1	18.8	12.6
-77.5°	119.3	111.0	100.5	90.0	75.4	58.6	44.0	33.5	23.0	16.8	10.5
-80°	117.3	106.8	94.2	77.5	62.8	50.3	37.7	29.3	20.9	14.7	8.4
-82.5°	98.4	83.8	71.2	58.6	48.2	39.8	31.4	23.0	16.8	10.5	6.3
-85°	60.7	52.3	46.1	39.8	33.5	27.2	20.9	14.7	10.5	6.3	4.2
-87.5°	29.3	27.2	23.0	18.8	16.8	12.6	10.5	8.4	6.3	4.2	2.1
-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: P723815

CATALOG NUMBER: IFLD-S-SA3D-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°	2.1	0.0	0.0	0.0
80°	2.1	0.0	0.0	0.0
77.5°	2.1	0.0	0.0	0.0
75°	2.1	2.1	0.0	0.0
72.5°	2.1	2.1	0.0	0.0
70°	4.2	2.1	2.1	0.0
67.5°	4.2	2.1	2.1	0.0
65°	4.2	2.1	2.1	0.0
62.5°	4.2	2.1	2.1	0.0
60°	4.2	2.1	2.1	0.0
57.5°	4.2	2.1	2.1	0.0
55°	4.2	2.1	2.1	0.0
52.5°	4.2	2.1	2.1	0.0
50°	4.2	2.1	2.1	0.0
47.5°	4.2	4.2	2.1	0.0
45°	4.2	4.2	2.1	0.0
42.5°	4.2	4.2	2.1	0.0
40°	4.2	4.2	2.1	0.0
37.5°	4.2	4.2	2.1	0.0
35°	4.2	4.2	2.1	0.0
32.5°	6.3	4.2	2.1	0.0
30°	6.3	4.2	4.2	0.0
27.5°	6.3	4.2	4.2	0.0
25°	6.3	4.2	4.2	0.0
22.5°	6.3	4.2	4.2	0.0
20°	6.3	4.2	4.2	0.0
17.5°	6.3	4.2	4.2	0.0
15°	6.3	4.2	4.2	0.0
12.5°	6.3	4.2	4.2	0.0
10°	6.3	4.2	4.2	0.0
7.5°	6.3	4.2	4.2	0.0
5°	6.3	4.2	4.2	0.0
2.5°	6.3	4.2	4.2	0.0
0°	6.3	4.2	4.2	0.0
-2.5°	6.3	4.2	4.2	0.0
-5°	6.3	4.2	4.2	0.0
-7.5°	6.3	4.2	4.2	0.0
-10°	6.3	4.2	4.2	0.0
-12.5°	8.4	4.2	4.2	0.0
-15°	8.4	4.2	4.2	0.0
-17.5°	8.4	4.2	4.2	0.0
-20°	8.4	4.2	4.2	0.0

REPORT NUMBER: P723815

CATALOG NUMBER: IFLD-S-SA3D-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	8.4	4.2	4.2	0.0
-25°	8.4	4.2	4.2	0.0
-27.5°	8.4	4.2	4.2	0.0
-30°	8.4	4.2	4.2	0.0
-32.5°	8.4	4.2	4.2	0.0
-35°	8.4	4.2	4.2	0.0
-37.5°	8.4	4.2	4.2	0.0
-40°	8.4	4.2	4.2	0.0
-42.5°	6.3	4.2	2.1	0.0
-45°	8.4	4.2	2.1	0.0
-47.5°	8.4	4.2	2.1	0.0
-50°	8.4	4.2	2.1	0.0
-52.5°	8.4	4.2	2.1	0.0
-55°	8.4	4.2	2.1	0.0
-57.5°	8.4	4.2	2.1	0.0
-60°	8.4	4.2	2.1	0.0
-62.5°	8.4	4.2	2.1	0.0
-65°	8.4	4.2	2.1	0.0
-67.5°	8.4	4.2	2.1	0.0
-70°	8.4	2.1	2.1	0.0
-72.5°	6.3	2.1	2.1	0.0
-75°	6.3	2.1	2.1	0.0
-77.5°	4.2	2.1	0.0	0.0
-80°	4.2	2.1	0.0	0.0
-82.5°	4.2	2.1	0.0	0.0
-85°	2.1	0.0	0.0	0.0
-87.5°	2.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)