

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: P723843

Luminaire Tested: **IFLD-S-SA3C-830-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723843
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-830-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	8910.3 lumens	Max Intensity:	209626.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.4 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:	3231.2 lumens	Field Lumens:	5151.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

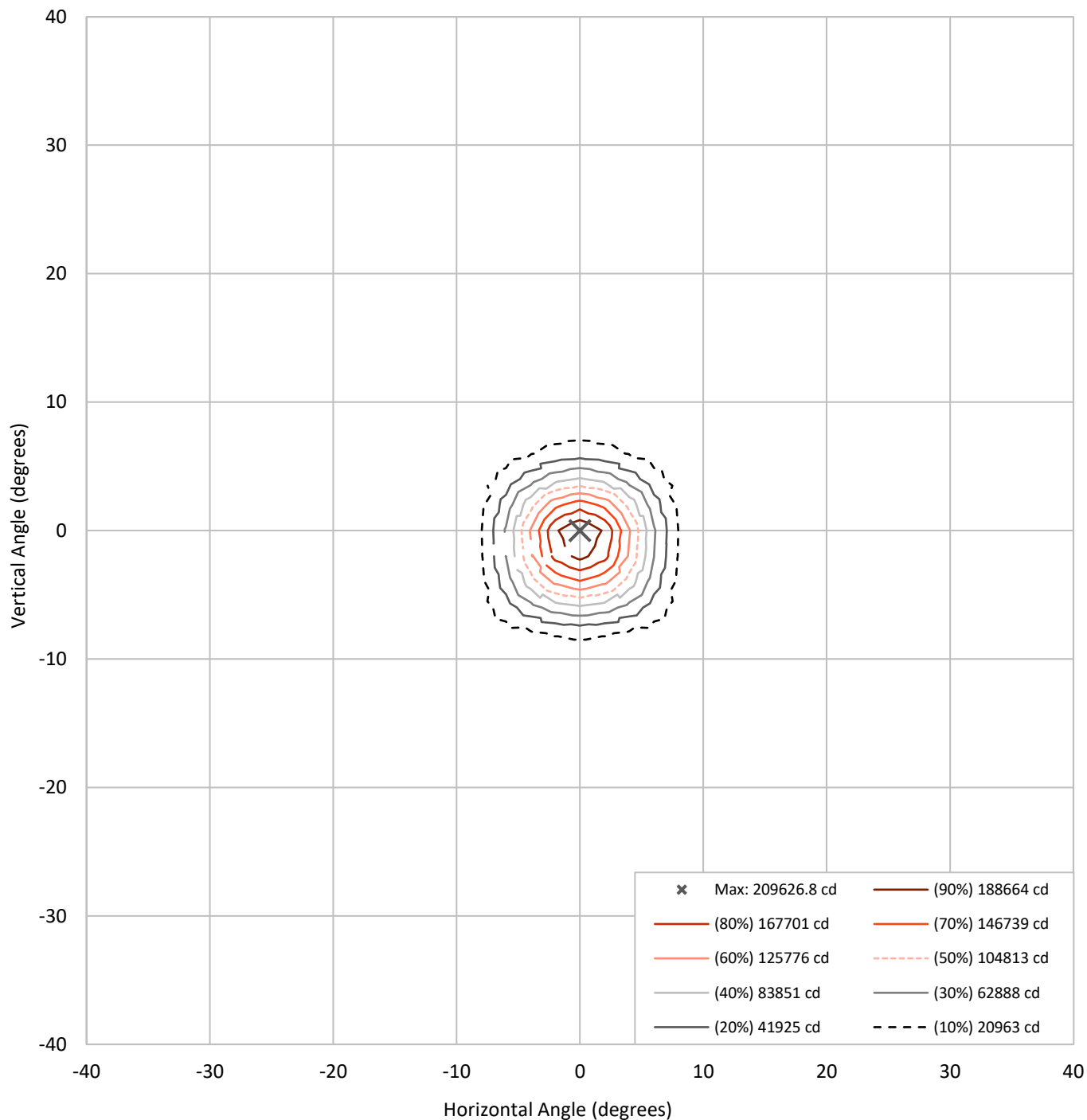
Input Watts (W): 160.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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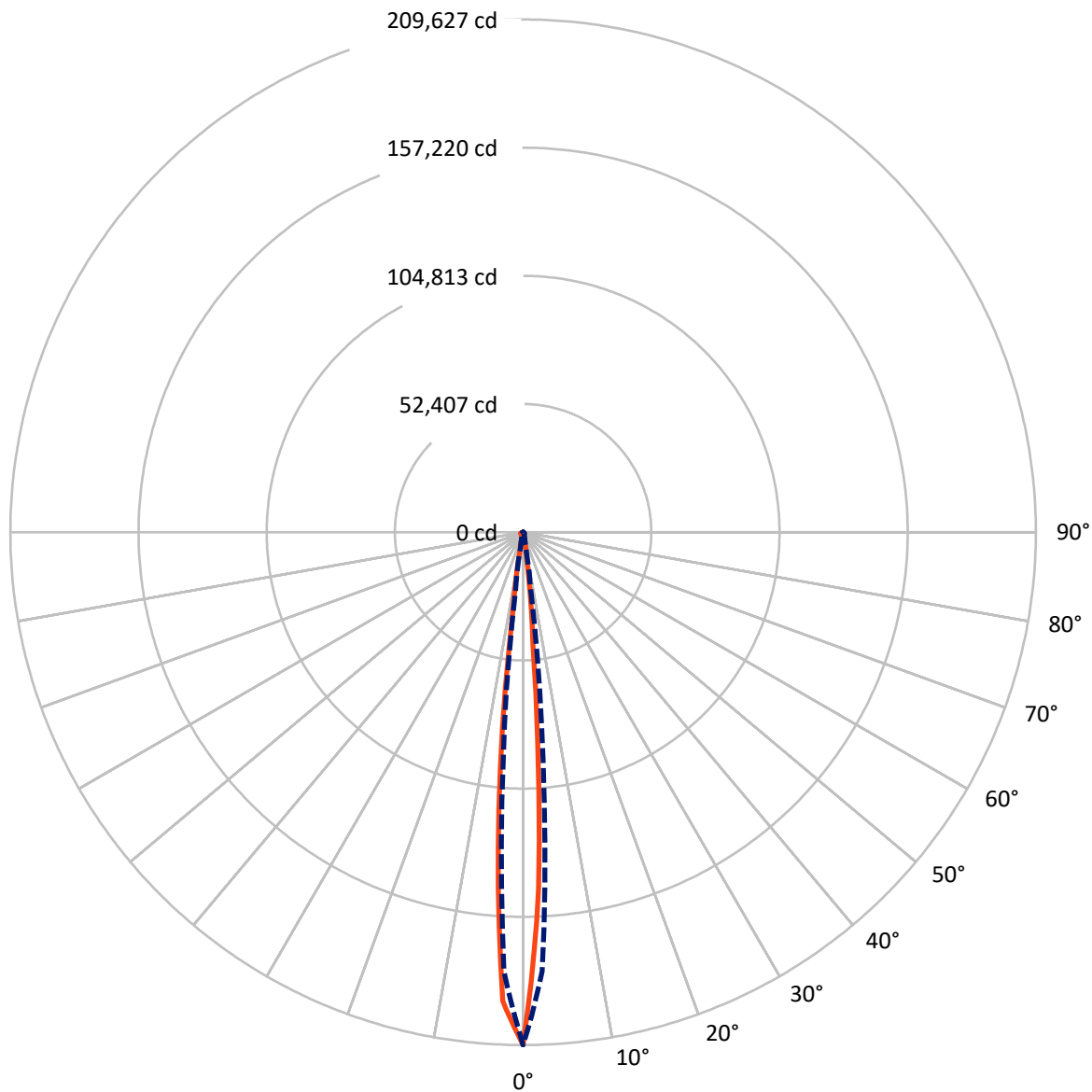
Lumen Table

90																				
80	0.1	2.0		2.2		0.8		0.2		0.8		2.2		2.0		0.1				
70	0.2	0.4	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.2	0.3	0.4	0.4	0.6	0.4	0.2				
60		0.3	0.4	1.0	2.3	3.8	4.8	5.5	5.5	4.8	3.8	2.3	1.0	0.4	0.3					
50	0.2	0.3	1.2	4.1	8.0	11.7	14.1	15.6	15.6	14.1	11.7	8.0	4.1	1.2	0.3	0.2				
40		0.6	3.1	8.3	13.6	15.9	17.2	17.8	17.8	17.2	15.9	13.6	8.3	3.1	0.6					
30	0.4	1.2	5.3	12.1	15.7	16.2	19.1	23.0	23.0	19.1	16.2	15.7	12.1	5.3	1.2	0.4				
20		1.8	7.4	14.9	16.7	18.9	33.2	56.5	56.5	33.2	18.9	16.7	14.9	7.4	1.8					
10	0.6	2.3	9.1	16.4	17.4	23.3	63.1	1169.7	1169.7	63.1	23.3	17.4	16.4	9.1	2.3	0.6				
0		2.8	9.9	17.2	18.0	24.1	68.0	1705.5	1705.5	68.0	24.1	18.0	17.2	9.9	2.8					
-10	0.9	2.9	10.2	18.1	19.5	21.7	39.5	75.9	75.9	39.5	21.7	19.5	18.1	10.2	2.9	0.9				
-20		2.8	9.7	18.3	21.9	21.9	25.6	31.2	31.2	25.6	21.9	21.9	18.3	9.7	2.8					
-30	0.9	2.5	8.6	17.5	24.1	26.2	27.3	27.5	27.5	27.3	26.2	24.1	17.5	8.6	2.5	0.9				
-40		2.2	6.9	14.9	23.2	28.2	31.6	33.1	33.1	31.6	28.2	23.2	14.9	6.9	2.2					
-50	0.7	2.0	5.3	11.5	19.8	26.6	30.9	32.6	32.6	30.9	26.6	19.8	11.5	5.3	2.0	0.7				
-60		1.8	4.7	9.4	16.5	23.2	28.1	30.4	30.4	28.1	23.2	16.5	9.4	4.7	1.8					
-70	0.3	5.5		16.4		30.4		33.6		30.4		16.4		5.5		0.3				
-80																				
-90																				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
	Horizontal Angle (degrees)																			

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Luminous Intensity Polar Plot



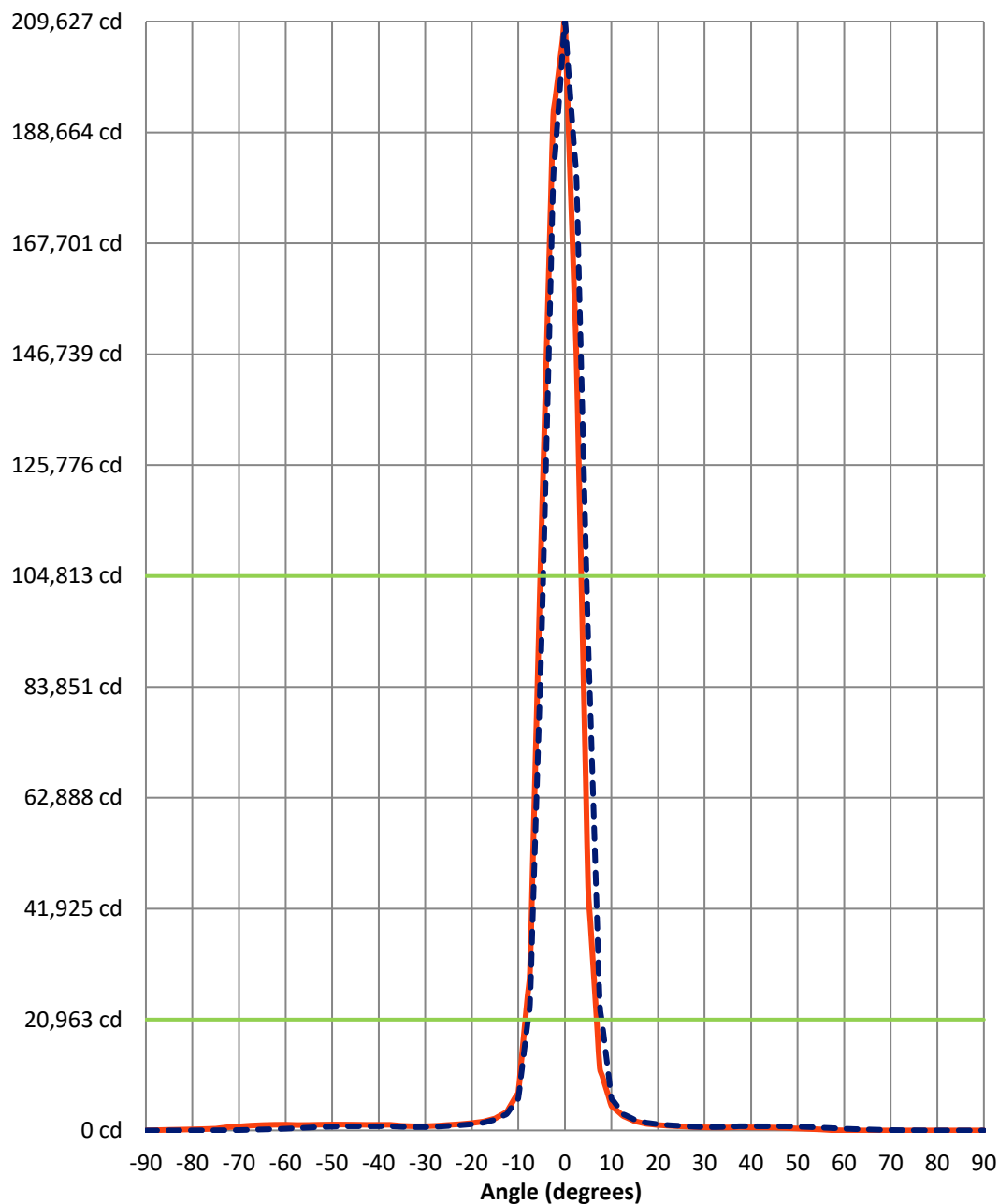
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 3231.2

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 5151.2

Efficiency: 57.8%

Spill:

Lumens: 3759.1

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	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	4.1	4.1	4.1	6.2	8.2	10.3	10.3	12.3
82.5°	0.0	2.1	2.1	4.1	4.1	6.2	6.2	10.3	12.3	14.4	18.5
80°	2.1	2.1	2.1	4.1	4.1	6.2	6.2	8.2	10.3	14.4	16.5
77.5°	0.0	2.1	2.1	2.1	4.1	4.1	4.1	6.2	8.2	10.3	12.3
75°	0.0	2.1	2.1	2.1	4.1	4.1	4.1	4.1	6.2	6.2	8.2
72.5°	0.0	0.0	0.0	2.1	2.1	4.1	4.1	4.1	6.2	6.2	6.2
70°	0.0	0.0	0.0	2.1	2.1	4.1	4.1	4.1	6.2	6.2	6.2
67.5°	0.0	0.0	0.0	2.1	2.1	4.1	4.1	4.1	6.2	6.2	6.2
65°	0.0	0.0	0.0	2.1	2.1	4.1	4.1	6.2	6.2	6.2	6.2
62.5°	2.1	2.1	2.1	4.1	6.2	6.2	8.2	10.3	10.3	10.3	10.3
60°	20.6	22.6	24.7	24.7	22.6	22.6	24.7	24.7	24.7	24.7	24.7
57.5°	55.5	59.7	61.7	61.7	61.7	59.7	67.9	69.9	61.7	57.6	63.8
55°	193.3	199.5	195.4	189.2	176.9	162.5	158.4	156.3	158.4	148.1	131.6
52.5°	281.8	288.0	285.9	281.8	273.6	263.3	255.1	246.8	238.6	222.1	203.6
50°	366.1	368.2	366.1	362.0	353.8	343.5	327.0	308.5	292.1	288.0	271.5
47.5°	460.7	466.9	466.9	464.9	458.7	440.2	415.5	388.8	376.4	372.3	355.8
45°	545.1	549.2	551.2	553.3	551.2	532.7	510.1	495.7	469.0	460.7	460.7
42.5°	567.7	569.8	571.8	573.9	580.0	565.6	547.1	522.5	516.3	514.2	510.1
40°	575.9	571.8	573.9	575.9	578.0	567.7	553.3	538.9	534.8	530.7	530.7
37.5°	654.1	635.6	621.2	608.8	598.6	588.3	573.9	561.5	551.2	543.0	551.2
35°	557.4	557.4	571.8	584.2	596.5	608.8	610.9	596.5	573.9	563.6	578.0
32.5°	569.8	569.8	569.8	573.9	578.0	588.3	598.6	604.7	621.2	602.7	602.7
30°	582.1	584.2	588.3	590.3	584.2	580.0	575.9	575.9	586.2	613.0	627.4
27.5°	654.1	654.1	647.9	639.7	621.2	592.4	578.0	557.4	559.5	571.8	606.8
25°	771.3	767.2	752.8	732.3	699.3	658.2	619.1	575.9	557.4	551.2	565.6
22.5°	882.4	876.2	857.7	839.2	812.5	771.3	705.5	639.7	582.1	557.4	551.2
20°	1024.3	1009.9	989.4	960.6	917.4	876.2	818.6	732.3	647.9	584.2	559.5
17.5°	1252.7	1234.1	1195.1	1143.6	1069.6	1005.8	923.5	841.3	746.7	643.8	588.3
15°	1752.5	1705.2	1637.3	1495.4	1349.3	1228.0	1104.6	966.7	870.1	734.3	650.0
12.5°	2756.2	2626.7	2429.2	2098.0	1771.0	1489.2	1289.7	1112.8	956.5	831.0	711.7
10°	4665.0	4387.4	3842.3	2937.3	2334.6	1816.2	1458.3	1221.8	1024.3	894.8	763.1
7.5°	11798.4	9624.2	6810.4	4650.6	3054.5	2219.4	1668.1	1324.6	1096.3	935.9	804.2
5°	45984.0	37879.8	20207.0	8433.3	4595.1	2684.3	1857.4	1406.9	1143.6	966.7	835.1
2.5°	145939.0	126028.2	66121.1	18154.2	5642.1	3023.6	1987.0	1458.3	1170.4	989.4	857.7
0°	209626.8	179657.8	92797.0	23876.5	6119.3	3110.0	2028.1	1468.6	1174.5	993.5	857.7
-2.5°	191772.9	167838.8	89641.7	22218.6	6253.0	3134.7	2061.0	1503.6	1205.3	1012.0	863.9
-5°	113950.1	99950.9	62531.8	15842.2	5555.7	2910.5	1974.6	1472.7	1184.8	1001.7	859.8
-7.5°	30022.5	25991.0	17096.9	8266.7	3595.5	2462.1	1814.2	1421.3	1158.0	983.2	843.3
-10°	7238.2	6859.8	6127.5	3755.9	2799.4	2056.9	1608.5	1328.8	1104.6	958.5	816.6
-12.5°	3490.6	3408.3	3093.6	2550.6	2077.5	1709.3	1456.3	1232.1	1055.2	915.3	779.6
-15°	2270.8	2223.5	2116.5	1908.8	1668.1	1491.3	1314.4	1133.4	993.5	851.6	748.7
-17.5°	1680.5	1678.4	1625.0	1546.8	1427.5	1295.8	1166.3	1051.1	915.3	794.0	715.8
-20°	1392.5	1392.5	1361.7	1310.2	1225.9	1139.5	1053.1	946.2	835.1	744.6	711.7

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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°	1182.7	1184.8	1168.3	1135.4	1090.2	1018.2	933.8	847.4	767.2	734.3	724.0
-25°	1047.0	1042.8	1024.3	993.5	946.2	888.6	833.0	775.5	752.8	744.6	759.0
-27.5°	886.5	892.7	884.5	870.1	839.2	798.1	785.7	769.3	773.4	785.7	841.3
-30°	791.9	798.1	806.3	812.5	802.2	791.9	796.0	808.4	835.1	882.4	903.0
-32.5°	791.9	794.0	806.3	818.6	824.8	833.0	855.7	896.8	935.9	923.5	919.4
-35°	863.9	857.7	874.2	890.6	913.3	942.1	966.7	958.5	944.1	940.0	944.1
-37.5°	1069.6	1030.5	1014.1	1003.8	997.6	993.5	987.3	981.1	975.0	970.9	977.0
-40°	1067.5	1057.2	1047.0	1038.7	1032.6	1024.3	1020.2	1018.2	1012.0	1007.9	1003.8
-42.5°	1063.4	1067.5	1067.5	1065.5	1067.5	1065.5	1059.3	1051.1	1040.8	1032.6	1024.3
-45°	1094.3	1096.3	1100.4	1104.6	1110.7	1102.5	1090.2	1075.8	1061.4	1049.0	1038.7
-47.5°	1112.8	1114.8	1119.0	1125.1	1129.2	1121.0	1104.6	1086.0	1063.4	1042.8	1022.3
-50°	1119.0	1125.1	1127.2	1127.2	1125.1	1114.8	1090.2	1063.4	1038.7	1018.2	999.7
-52.5°	1090.2	1096.3	1098.4	1094.3	1092.2	1081.9	1059.3	1034.6	1007.9	993.5	977.0
-55°	1042.8	1051.1	1057.2	1057.2	1057.2	1055.2	1034.6	1012.0	991.4	975.0	958.5
-57.5°	1024.3	1038.7	1051.1	1053.1	1055.2	1057.2	1042.8	1020.2	995.5	970.9	950.3
-60°	1092.2	1104.6	1110.7	1102.5	1096.3	1090.2	1067.5	1040.8	1016.1	991.4	952.3
-62.5°	1073.7	1094.3	1104.6	1098.4	1090.2	1079.9	1055.2	1024.3	995.5	968.8	929.7
-65°	1014.1	1032.6	1044.9	1034.6	1022.3	1007.9	985.3	956.5	929.7	903.0	868.0
-67.5°	913.3	940.0	960.6	937.9	921.5	903.0	884.5	859.8	833.0	802.2	769.3
-70°	754.9	775.5	794.0	787.8	783.7	779.6	767.2	742.5	719.9	695.2	666.4
-72.5°	606.8	625.3	641.8	631.5	623.2	610.9	592.4	565.6	538.9	512.2	485.4
-75°	335.3	341.4	347.6	345.6	345.6	345.6	345.6	347.6	343.5	337.3	325.0
-77.5°	257.1	265.3	271.5	275.6	281.8	290.0	296.2	285.9	275.6	265.3	253.0
-80°	201.6	209.8	216.0	238.6	255.1	273.6	285.9	271.5	257.1	244.8	234.5
-82.5°	152.2	158.4	164.6	176.9	185.1	195.4	203.6	203.6	201.6	199.5	193.3
-85°	111.1	119.3	127.5	131.6	137.8	137.8	139.9	131.6	123.4	117.2	109.0
-87.5°	63.8	65.8	65.8	65.8	67.9	67.9	67.9	63.8	61.7	57.6	55.5
-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°	2.1	2.1	2.1	4.1	4.1	6.2	6.2	8.2	8.2	10.3	10.3
85°	12.3	12.3	12.3	14.4	14.4	16.5	18.5	20.6	22.6	22.6	24.7
82.5°	20.6	22.6	24.7	26.7	28.8	30.9	32.9	35.0	41.1	45.3	47.3
80°	20.6	22.6	28.8	32.9	37.0	41.1	41.1	41.1	41.1	43.2	47.3
77.5°	14.4	16.5	18.5	22.6	32.9	41.1	47.3	51.4	47.3	45.3	41.1
75°	8.2	10.3	12.3	14.4	20.6	28.8	39.1	49.4	57.6	55.5	51.4
72.5°	8.2	8.2	10.3	12.3	14.4	16.5	18.5	28.8	41.1	51.4	57.6
70°	8.2	10.3	10.3	12.3	14.4	16.5	18.5	22.6	28.8	41.1	53.5
67.5°	8.2	10.3	10.3	14.4	18.5	20.6	22.6	20.6	18.5	26.7	39.1
65°	8.2	8.2	10.3	12.3	14.4	16.5	22.6	22.6	20.6	20.6	20.6
62.5°	12.3	12.3	12.3	12.3	14.4	14.4	14.4	18.5	18.5	18.5	18.5
60°	24.7	22.6	22.6	22.6	22.6	18.5	18.5	18.5	16.5	18.5	16.5
57.5°	59.7	49.4	45.3	45.3	39.1	37.0	30.9	22.6	22.6	18.5	18.5
55°	121.4	115.2	96.7	80.2	72.0	63.8	49.4	41.1	30.9	24.7	22.6
52.5°	187.2	170.7	154.3	133.7	113.1	96.7	82.3	63.8	51.4	37.0	28.8
50°	244.8	230.4	211.9	189.2	162.5	141.9	121.4	96.7	76.1	57.6	41.1
47.5°	333.2	304.4	281.8	255.1	224.2	195.4	168.7	139.9	107.0	84.3	63.8
45°	427.8	386.7	355.8	331.2	290.0	250.9	220.1	189.2	150.2	111.1	86.4
42.5°	493.7	462.8	421.7	388.8	351.7	310.6	269.5	236.5	195.4	150.2	111.1
40°	528.6	508.1	475.1	446.3	407.3	362.0	318.8	285.9	242.7	193.3	139.9
37.5°	555.4	545.1	528.6	506.0	469.0	415.5	372.3	333.2	296.2	238.6	181.0
35°	586.2	584.2	573.9	563.6	532.7	481.3	429.9	384.6	339.4	285.9	222.1
32.5°	615.0	613.0	606.8	602.7	590.3	545.1	489.5	438.1	386.7	331.2	261.2
30°	629.4	625.3	625.3	629.4	617.1	588.3	547.1	491.6	434.0	368.2	302.4
27.5°	629.4	625.3	627.4	633.5	631.5	617.1	586.2	541.0	477.2	403.2	339.4
25°	602.7	623.2	623.2	631.5	633.5	629.4	613.0	584.2	518.3	440.2	368.2
22.5°	565.6	615.0	633.5	631.5	633.5	643.8	645.9	619.1	557.4	477.2	397.0
20°	565.6	600.6	654.1	639.7	643.8	666.4	676.7	654.1	598.6	512.2	425.8
17.5°	578.0	600.6	645.9	668.5	674.7	693.2	709.6	695.2	635.6	549.2	464.9
15°	613.0	608.8	639.7	695.2	705.5	719.9	738.4	722.0	668.5	590.3	501.9
12.5°	637.6	615.0	639.7	699.3	732.3	746.7	752.8	740.5	697.3	627.4	538.9
10°	670.5	631.5	643.8	695.2	742.5	752.8	759.0	754.9	724.0	658.2	571.8
7.5°	695.2	639.7	639.7	689.1	752.8	761.1	765.2	769.3	746.7	684.9	600.6
5°	705.5	639.7	635.6	682.9	763.1	771.3	771.3	777.5	763.1	705.5	621.2
2.5°	707.6	637.6	631.5	678.8	781.6	781.6	777.5	783.7	775.5	717.9	635.6
0°	717.9	635.6	629.4	684.9	802.2	794.0	783.7	785.7	781.6	724.0	643.8
-2.5°	717.9	645.9	637.6	689.1	800.1	798.1	794.0	796.0	791.9	742.5	660.3
-5°	728.1	660.3	652.0	707.6	798.1	804.2	806.3	806.3	800.1	754.9	670.5
-7.5°	730.2	670.5	668.5	726.1	802.2	812.5	818.6	822.8	810.4	763.1	678.8
-10°	719.9	674.7	684.9	748.7	806.3	820.7	833.0	839.2	818.6	767.2	682.9
-12.5°	697.3	674.7	701.4	777.5	816.6	833.0	851.6	853.6	826.9	769.3	684.9
-15°	695.2	691.1	730.2	806.3	822.8	843.3	872.1	866.0	833.0	769.3	684.9
-17.5°	693.2	713.7	773.4	816.6	833.0	855.7	878.3	872.1	837.2	769.3	680.8
-20°	711.7	750.8	824.8	826.9	845.4	870.1	882.4	870.1	831.0	763.1	674.7

REPORT NUMBER: P723843

CATALOG NUMBER: IFLD-S-SA3C-830-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°	742.5	816.6	841.3	849.5	866.0	884.5	890.6	872.1	824.8	752.8	664.4
-25°	820.7	857.7	857.7	876.2	892.7	900.9	894.8	874.2	816.6	742.5	654.1
-27.5°	880.4	878.3	888.6	907.1	921.5	921.5	905.0	863.9	804.2	732.3	639.7
-30°	903.0	905.0	919.4	940.0	944.1	933.8	909.1	855.7	794.0	715.8	621.2
-32.5°	925.6	933.8	952.3	962.6	964.7	944.1	898.9	841.3	777.5	697.3	600.6
-35°	952.3	968.8	979.1	981.1	970.9	935.9	884.5	822.8	752.8	670.5	582.1
-37.5°	987.3	995.5	1001.7	993.5	964.7	923.5	859.8	798.1	730.2	641.8	555.4
-40°	1009.9	1014.1	1016.1	989.4	954.4	894.8	833.0	769.3	691.1	608.8	526.6
-42.5°	1024.3	1020.2	1003.8	975.0	923.5	866.0	806.3	734.3	656.2	575.9	495.7
-45°	1020.2	1005.8	981.1	946.2	892.7	835.1	765.2	693.2	619.1	541.0	460.7
-47.5°	1003.8	981.1	950.3	909.1	859.8	789.8	719.9	650.0	578.0	501.9	427.8
-50°	983.2	956.5	919.4	868.0	802.2	738.4	674.7	606.8	532.7	462.8	397.0
-52.5°	960.6	931.8	884.5	826.9	754.9	689.1	627.4	561.5	493.7	427.8	370.2
-55°	935.9	907.1	853.6	787.8	715.8	643.8	584.2	528.6	462.8	399.0	347.6
-57.5°	923.5	886.5	831.0	765.2	689.1	615.0	563.6	503.9	444.3	378.5	329.1
-60°	913.3	876.2	824.8	748.7	676.7	606.8	547.1	489.5	425.8	364.1	314.7
-62.5°	884.5	845.4	798.1	724.0	654.1	590.3	536.9	469.0	407.3	349.7	304.4
-65°	826.9	785.7	744.6	678.8	615.0	555.4	501.9	440.2	382.6	333.2	294.1
-67.5°	736.4	701.4	664.4	608.8	555.4	501.9	452.5	399.0	351.7	316.8	296.2
-70°	635.6	598.6	561.5	516.3	471.0	427.8	388.8	349.7	318.8	300.3	283.9
-72.5°	462.8	446.3	427.8	392.9	355.8	329.1	310.6	294.1	271.5	255.1	244.8
-75°	308.5	285.9	257.1	244.8	246.8	242.7	232.4	220.1	209.8	203.6	189.2
-77.5°	240.7	228.3	213.9	199.5	193.3	187.2	179.0	168.7	160.4	146.0	125.5
-80°	222.1	211.9	201.6	191.3	181.0	166.6	150.2	133.7	125.5	119.3	117.2
-82.5°	183.1	170.7	158.4	148.1	133.7	123.4	113.1	104.9	104.9	102.8	100.8
-85°	104.9	100.8	94.6	90.5	86.4	80.2	74.0	69.9	67.9	65.8	63.8
-87.5°	53.5	51.4	47.3	45.3	43.2	41.1	37.0	35.0	32.9	32.9	30.9
-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: P723843

CATALOG NUMBER: IFLD-S-SA3C-830-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°	10.3	10.3	8.2	8.2	8.2	6.2	4.1	4.1	2.1	2.1	0.0
85°	24.7	20.6	18.5	16.5	16.5	12.3	8.2	6.2	4.1	2.1	2.1
82.5°	47.3	41.1	35.0	30.9	24.7	18.5	14.4	10.3	6.2	4.1	2.1
80°	53.5	53.5	51.4	43.2	35.0	26.7	18.5	12.3	8.2	6.2	4.1
77.5°	41.1	45.3	45.3	45.3	43.2	32.9	22.6	14.4	8.2	6.2	4.1
75°	47.3	41.1	39.1	41.1	39.1	32.9	26.7	16.5	10.3	8.2	4.1
72.5°	57.6	49.4	43.2	41.1	37.0	30.9	24.7	18.5	10.3	8.2	6.2
70°	53.5	51.4	47.3	43.2	37.0	30.9	24.7	18.5	12.3	8.2	6.2
67.5°	47.3	47.3	47.3	43.2	37.0	28.8	22.6	16.5	12.3	8.2	6.2
65°	32.9	39.1	43.2	41.1	37.0	28.8	22.6	16.5	12.3	10.3	6.2
62.5°	20.6	26.7	35.0	39.1	35.0	28.8	20.6	16.5	12.3	10.3	6.2
60°	18.5	20.6	24.7	30.9	32.9	26.7	20.6	14.4	12.3	10.3	6.2
57.5°	18.5	18.5	20.6	24.7	26.7	24.7	18.5	12.3	12.3	10.3	8.2
55°	20.6	18.5	18.5	20.6	22.6	22.6	18.5	12.3	12.3	10.3	8.2
52.5°	24.7	20.6	18.5	18.5	18.5	20.6	16.5	12.3	12.3	10.3	8.2
50°	30.9	24.7	22.6	18.5	18.5	18.5	16.5	12.3	10.3	10.3	8.2
47.5°	41.1	32.9	24.7	22.6	18.5	16.5	14.4	12.3	10.3	10.3	8.2
45°	61.7	39.1	32.9	24.7	20.6	18.5	16.5	12.3	10.3	10.3	8.2
42.5°	84.3	57.6	41.1	28.8	22.6	18.5	16.5	14.4	10.3	10.3	8.2
40°	107.0	78.2	51.4	37.0	26.7	20.6	16.5	14.4	12.3	10.3	8.2
37.5°	131.6	96.7	67.9	47.3	30.9	22.6	18.5	14.4	12.3	10.3	8.2
35°	162.5	121.4	84.3	57.6	37.0	26.7	20.6	14.4	12.3	10.3	8.2
32.5°	197.5	144.0	100.8	69.9	47.3	32.9	22.6	16.5	12.3	10.3	8.2
30°	230.4	170.7	119.3	84.3	57.6	37.0	24.7	16.5	12.3	10.3	6.2
27.5°	263.3	197.5	141.9	98.7	69.9	43.2	26.7	18.5	12.3	10.3	8.2
25°	296.2	224.2	164.6	113.1	80.2	51.4	32.9	20.6	12.3	10.3	8.2
22.5°	325.0	250.9	185.1	129.6	92.6	59.7	37.0	22.6	14.4	10.3	8.2
20°	357.9	279.7	207.7	148.1	102.8	67.9	41.1	24.7	14.4	10.3	8.2
17.5°	388.8	308.5	230.4	164.6	115.2	76.1	47.3	26.7	16.5	10.3	8.2
15°	419.6	335.3	250.9	181.0	127.5	84.3	51.4	28.8	18.5	10.3	8.2
12.5°	448.4	360.0	269.5	195.4	137.8	92.6	55.5	30.9	20.6	10.3	8.2
10°	475.1	382.6	288.0	207.7	148.1	98.7	59.7	35.0	22.6	10.3	8.2
7.5°	501.9	401.1	302.4	220.1	160.4	107.0	63.8	37.0	24.7	12.3	8.2
5°	518.3	417.6	314.7	230.4	170.7	115.2	67.9	39.1	26.7	12.3	8.2
2.5°	532.7	429.9	322.9	240.7	181.0	121.4	67.9	41.1	28.8	12.3	8.2
0°	541.0	438.1	329.1	246.8	189.2	125.5	69.9	43.2	30.9	12.3	8.2
-2.5°	559.5	452.5	343.5	255.1	197.5	137.8	74.0	45.3	32.9	14.4	8.2
-5°	571.8	460.7	353.8	263.3	203.6	150.2	80.2	49.4	37.0	18.5	10.3
-7.5°	582.1	469.0	362.0	267.4	209.8	154.3	82.3	51.4	39.1	20.6	10.3
-10°	584.2	473.1	368.2	273.6	213.9	160.4	84.3	53.5	41.1	22.6	10.3
-12.5°	586.2	477.2	370.2	277.7	218.0	164.6	86.4	55.5	43.2	24.7	10.3
-15°	584.2	475.1	370.2	281.8	220.1	160.4	90.5	57.6	45.3	26.7	10.3
-17.5°	580.0	473.1	368.2	279.7	218.0	156.3	92.6	61.7	45.3	28.8	12.3
-20°	573.9	466.9	364.1	277.7	216.0	152.2	94.6	63.8	47.3	28.8	12.3

REPORT NUMBER: P723843

CATALOG NUMBER: IFLD-S-SA3C-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	563.6	456.6	355.8	271.5	211.9	148.1	94.6	67.9	49.4	28.8	12.3
-25°	551.2	446.3	347.6	263.3	205.7	141.9	94.6	69.9	51.4	28.8	12.3
-27.5°	536.9	436.1	335.3	257.1	197.5	137.8	94.6	72.0	53.5	28.8	12.3
-30°	520.4	421.7	325.0	246.8	191.3	137.8	96.7	74.0	55.5	28.8	12.3
-32.5°	503.9	407.3	312.6	238.6	183.1	135.8	96.7	76.1	57.6	26.7	14.4
-35°	485.4	390.8	302.4	232.4	176.9	131.6	98.7	76.1	55.5	26.7	14.4
-37.5°	462.8	370.2	292.1	226.3	172.8	127.5	98.7	78.2	53.5	26.7	14.4
-40°	438.1	353.8	279.7	218.0	166.6	125.5	98.7	78.2	51.4	26.7	16.5
-42.5°	411.4	335.3	267.4	209.8	160.4	123.4	98.7	78.2	49.4	26.7	16.5
-45°	386.7	316.8	253.0	199.5	154.3	123.4	98.7	76.1	45.3	28.8	16.5
-47.5°	360.0	296.2	236.5	189.2	152.2	121.4	96.7	72.0	41.1	28.8	16.5
-50°	337.3	275.6	224.2	179.0	148.1	123.4	98.7	65.8	41.1	28.8	16.5
-52.5°	314.7	261.2	209.8	174.8	144.0	125.5	96.7	61.7	41.1	28.8	16.5
-55°	296.2	246.8	201.6	168.7	148.1	129.6	92.6	55.5	41.1	28.8	16.5
-57.5°	281.8	238.6	195.4	170.7	154.3	125.5	86.4	53.5	41.1	26.7	16.5
-60°	271.5	230.4	197.5	179.0	156.3	119.3	82.3	53.5	41.1	26.7	14.4
-62.5°	263.3	232.4	207.7	185.1	148.1	111.1	78.2	53.5	37.0	24.7	14.4
-65°	265.3	240.7	211.9	176.9	141.9	102.8	72.0	51.4	35.0	22.6	14.4
-67.5°	271.5	234.5	199.5	166.6	127.5	92.6	65.8	47.3	32.9	22.6	14.4
-70°	250.9	216.0	181.0	141.9	109.0	80.2	61.7	43.2	28.8	20.6	14.4
-72.5°	226.3	181.0	144.0	115.2	92.6	74.0	55.5	39.1	26.7	18.5	12.3
-75°	164.6	131.6	107.0	96.7	82.3	65.8	49.4	35.0	24.7	18.5	12.3
-77.5°	117.2	109.0	98.7	88.4	74.0	57.6	43.2	32.9	22.6	16.5	10.3
-80°	115.2	104.9	92.6	76.1	61.7	49.4	37.0	28.8	20.6	14.4	8.2
-82.5°	96.7	82.3	69.9	57.6	47.3	39.1	30.9	22.6	16.5	10.3	6.2
-85°	59.7	51.4	45.3	39.1	32.9	26.7	20.6	14.4	10.3	6.2	4.1
-87.5°	28.8	26.7	22.6	18.5	16.5	12.3	10.3	8.2	6.2	4.1	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: P723843

CATALOG NUMBER: IFLD-S-SA3C-830-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°	4.1	2.1	2.1	0.0
67.5°	4.1	2.1	2.1	0.0
65°	4.1	2.1	2.1	0.0
62.5°	4.1	2.1	2.1	0.0
60°	4.1	2.1	2.1	0.0
57.5°	4.1	2.1	2.1	0.0
55°	4.1	2.1	2.1	0.0
52.5°	4.1	2.1	2.1	0.0
50°	4.1	2.1	2.1	0.0
47.5°	4.1	4.1	2.1	0.0
45°	4.1	4.1	2.1	0.0
42.5°	4.1	4.1	2.1	0.0
40°	4.1	4.1	2.1	0.0
37.5°	4.1	4.1	2.1	0.0
35°	4.1	4.1	2.1	0.0
32.5°	6.2	4.1	2.1	0.0
30°	6.2	4.1	4.1	0.0
27.5°	6.2	4.1	4.1	0.0
25°	6.2	4.1	4.1	0.0
22.5°	6.2	4.1	4.1	0.0
20°	6.2	4.1	4.1	0.0
17.5°	6.2	4.1	4.1	0.0
15°	6.2	4.1	4.1	0.0
12.5°	6.2	4.1	4.1	0.0
10°	6.2	4.1	4.1	0.0
7.5°	6.2	4.1	4.1	0.0
5°	6.2	4.1	4.1	0.0
2.5°	6.2	4.1	4.1	0.0
0°	6.2	4.1	4.1	0.0
-2.5°	6.2	4.1	4.1	0.0
-5°	6.2	4.1	4.1	0.0
-7.5°	6.2	4.1	4.1	0.0
-10°	6.2	4.1	4.1	0.0
-12.5°	8.2	4.1	4.1	0.0
-15°	8.2	4.1	4.1	0.0
-17.5°	8.2	4.1	4.1	0.0
-20°	8.2	4.1	4.1	0.0

REPORT NUMBER: P723843

CATALOG NUMBER: IFLD-S-SA3C-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	8.2	4.1	4.1	0.0
-25°	8.2	4.1	4.1	0.0
-27.5°	8.2	4.1	4.1	0.0
-30°	8.2	4.1	4.1	0.0
-32.5°	8.2	4.1	4.1	0.0
-35°	8.2	4.1	4.1	0.0
-37.5°	8.2	4.1	4.1	0.0
-40°	8.2	4.1	4.1	0.0
-42.5°	6.2	4.1	2.1	0.0
-45°	8.2	4.1	2.1	0.0
-47.5°	8.2	4.1	2.1	0.0
-50°	8.2	4.1	2.1	0.0
-52.5°	8.2	4.1	2.1	0.0
-55°	8.2	4.1	2.1	0.0
-57.5°	8.2	4.1	2.1	0.0
-60°	8.2	4.1	2.1	0.0
-62.5°	8.2	4.1	2.1	0.0
-65°	8.2	4.1	2.1	0.0
-67.5°	8.2	4.1	2.1	0.0
-70°	8.2	2.1	2.1	0.0
-72.5°	6.2	2.1	2.1	0.0
-75°	6.2	2.1	2.1	0.0
-77.5°	4.1	2.1	0.0	0.0
-80°	4.1	2.1	0.0	0.0
-82.5°	4.1	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)