

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: P723852

Luminaire Tested: **IFLD-M-SA4B-830-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723852
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-830-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	9607.5 lumens	Max Intensity:	226029.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	57.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	3484.1 lumens	Field Lumens:	5554.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

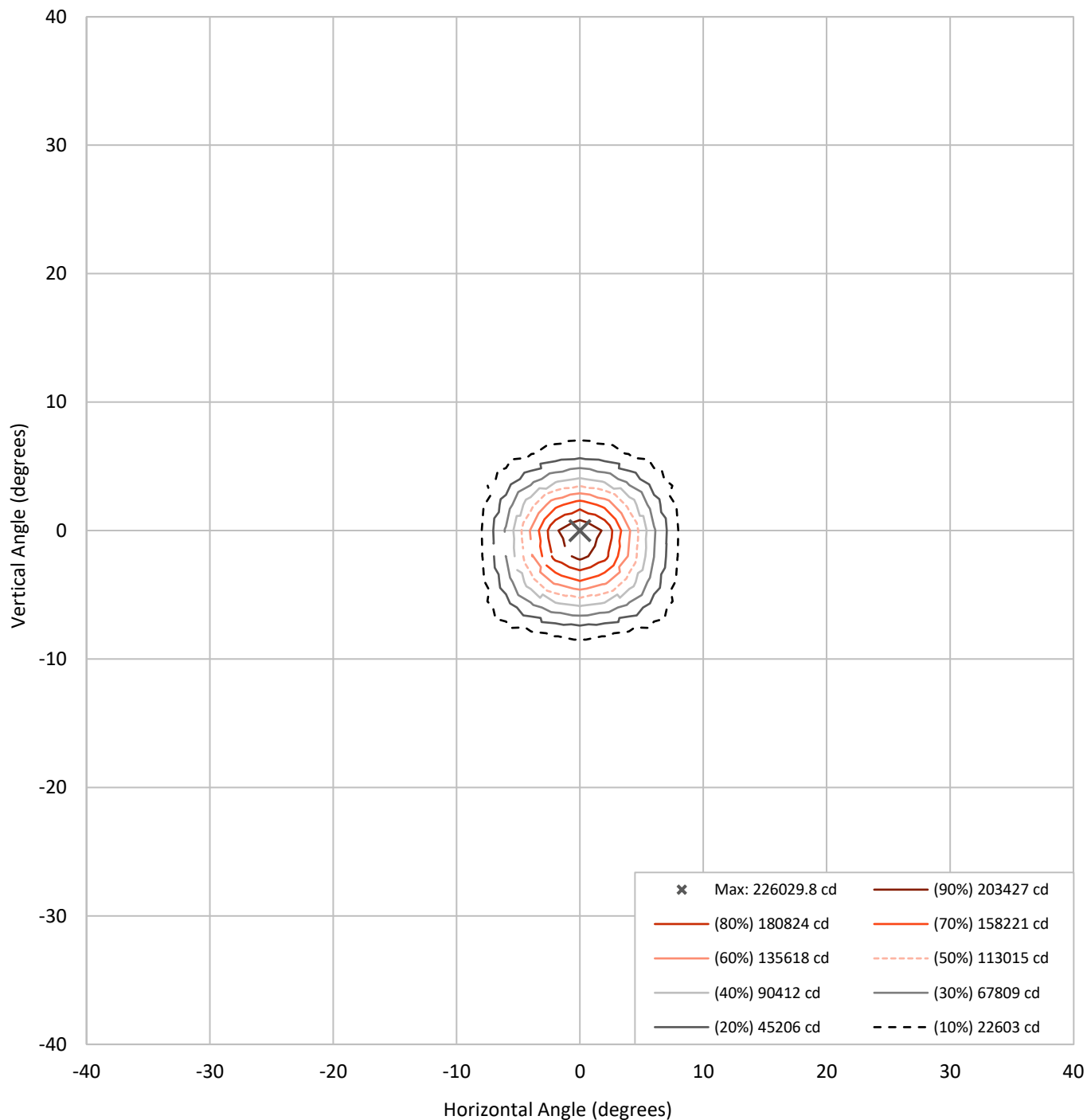
Input Watts (W): 166.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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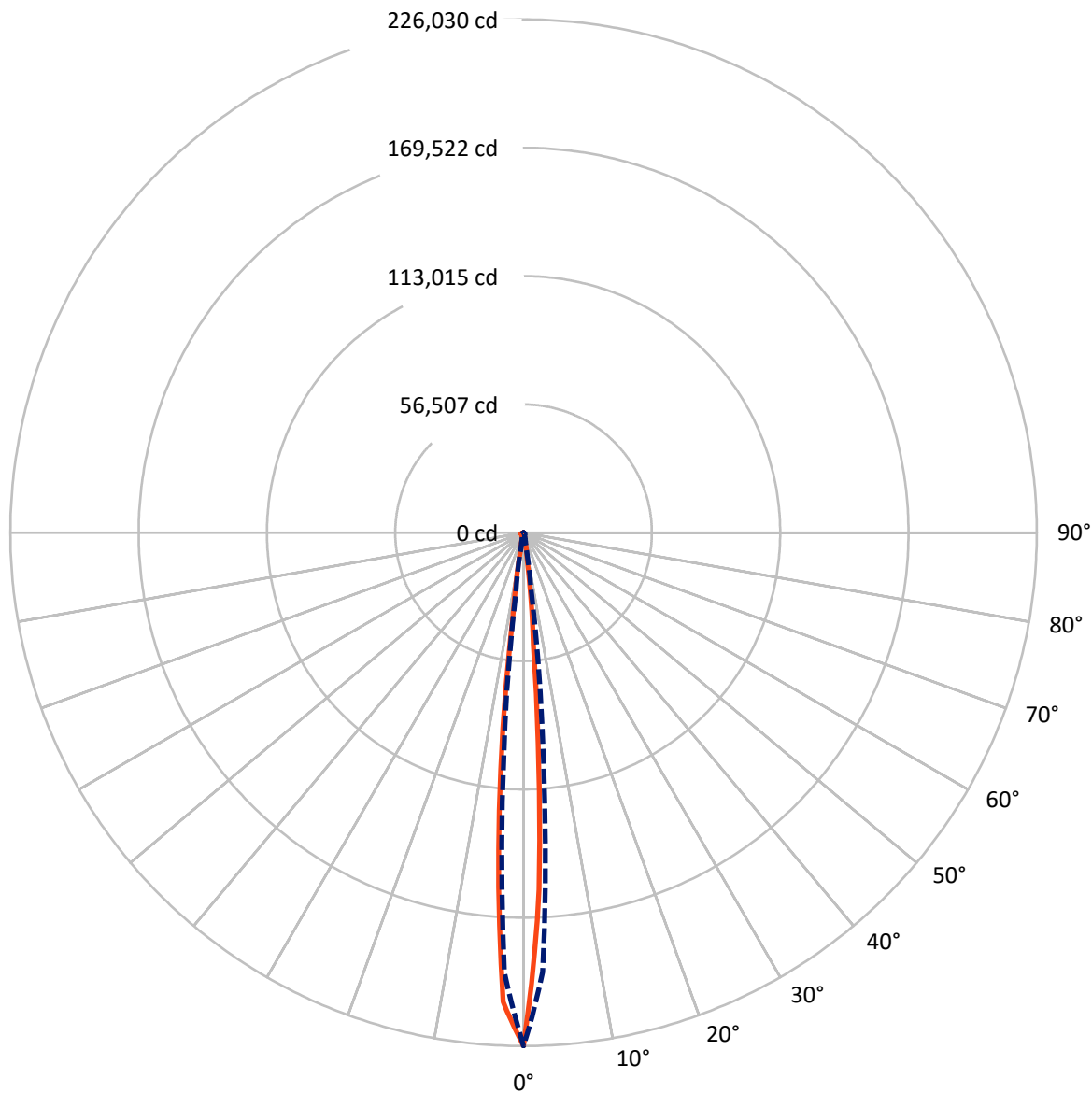
Lumen Table

90																	
80	0.2	2.1		2.3		0.9		0.2		0.9		2.3		2.1		0.2	
70	0.2	0.5	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.5	0.2	
60		0.3	0.4	1.1	2.5	4.0	5.2	6.0	6.0	5.2	4.0	2.5	1.1	0.4	0.3		
50	0.2	0.3	1.3	4.4	8.6	12.6	15.2	16.8	16.8	15.2	12.6	8.6	4.4	1.3	0.3	0.2	
40		0.6	3.3	9.0	14.6	17.2	18.5	19.2	19.2	18.5	17.2	14.6	9.0	3.3	0.6		
30	0.4	1.2	5.7	13.1	16.9	17.4	20.6	24.8	24.8	20.6	17.4	16.9	13.1	5.7	1.2	0.4	
20		2.0	8.0	16.1	18.1	20.4	35.8	61.0	61.0	35.8	20.4	18.1	16.1	8.0	2.0		
10	0.6	2.5	9.8	17.7	18.7	25.1	68.1	1261.2	1261.2	68.1	25.1	18.7	17.7	9.8	2.5	0.6	
0		3.0	10.7	18.5	19.4	26.0	73.3	1839.0	1839.0	73.3	26.0	19.4	18.5	10.7	3.0		
-10	0.9	3.2	11.0	19.5	21.0	23.4	42.6	81.8	81.8	42.6	23.4	21.0	19.5	11.0	3.2	0.9	
-20		3.0	10.5	19.8	23.6	23.6	27.6	33.7	33.7	27.6	23.6	23.6	19.8	10.5	3.0		
-30	1.0	2.7	9.2	18.9	25.9	28.3	29.4	29.7	29.7	29.4	28.3	25.9	18.9	9.2	2.7	1.0	
-40		2.3	7.4	16.0	25.0	30.4	34.1	35.7	35.7	34.1	30.4	25.0	16.0	7.4	2.3		
-50	0.8	2.1	5.7	12.4	21.3	28.6	33.3	35.2	35.2	33.3	28.6	21.3	12.4	5.7	2.1	0.8	
-60		2.0	5.1	10.1	17.8	25.0	30.3	32.7	32.7	30.3	25.0	17.8	10.1	5.1	2.0		
-70	0.4	5.9		17.7		32.8		36.2		32.8		17.7		5.9		0.4	
-80		5.9		17.7		32.8		36.2		32.8		17.7		5.9			
-90																	

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Luminous Intensity Polar Plot



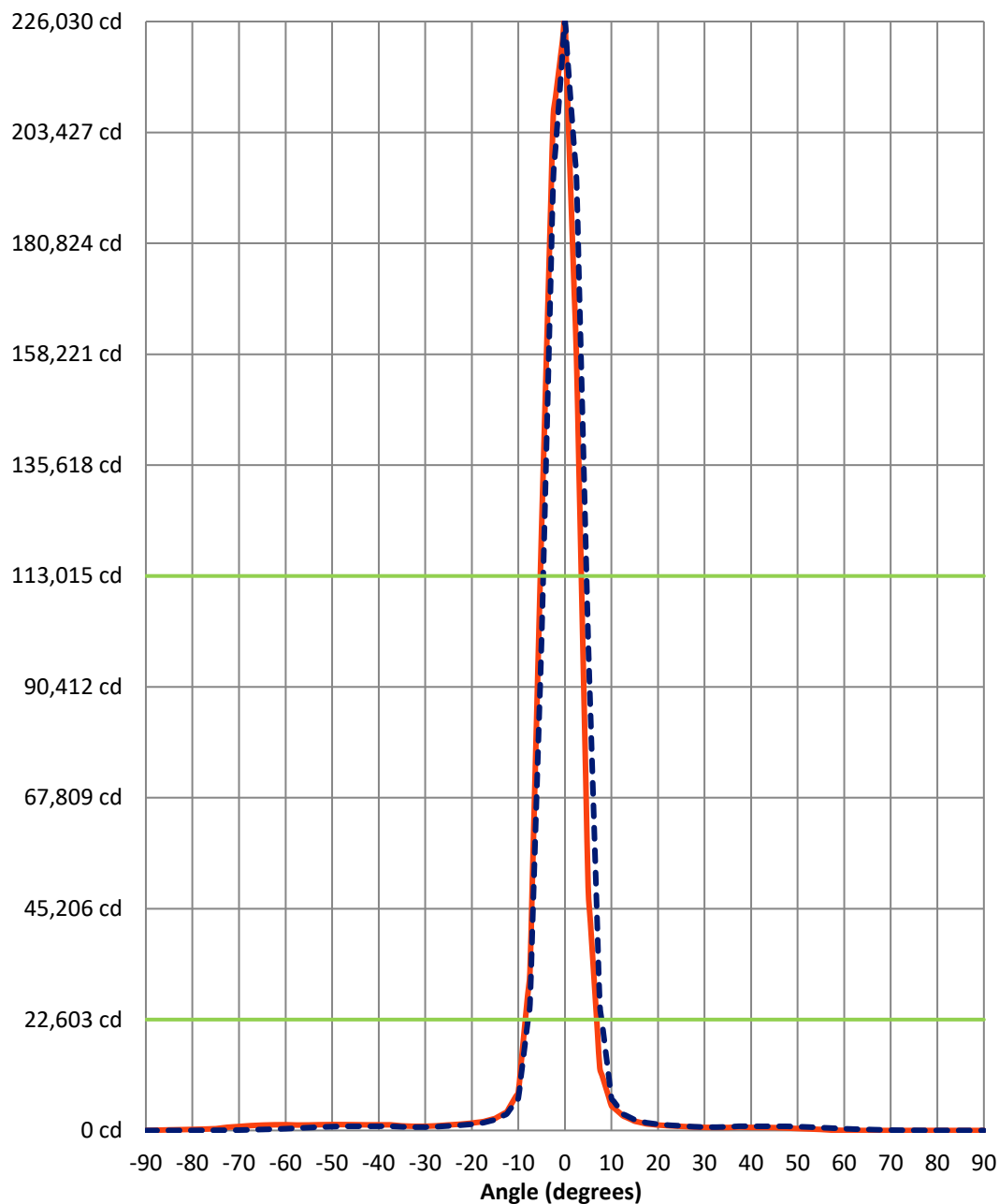
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 3484.1

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 5554.3

Efficiency: 57.8%

Spill:

Lumens: 4053.2

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	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	0.0	2.2	2.2	4.4	4.4	4.4	6.7	8.9	11.1	11.1	13.3
82.5°	0.0	2.2	2.2	4.4	4.4	6.7	6.7	11.1	13.3	15.5	20.0
80°	2.2	2.2	2.2	4.4	4.4	6.7	6.7	8.9	11.1	15.5	17.7
77.5°	0.0	2.2	2.2	2.2	4.4	4.4	4.4	6.7	8.9	11.1	13.3
75°	0.0	2.2	2.2	2.2	4.4	4.4	4.4	4.4	6.7	6.7	8.9
72.5°	0.0	0.0	0.0	2.2	2.2	4.4	4.4	4.4	6.7	6.7	6.7
70°	0.0	0.0	0.0	2.2	2.2	4.4	4.4	4.4	6.7	6.7	6.7
67.5°	0.0	0.0	0.0	2.2	2.2	4.4	4.4	4.4	6.7	6.7	6.7
65°	0.0	0.0	0.0	2.2	2.2	4.4	4.4	6.7	6.7	6.7	6.7
62.5°	2.2	2.2	2.2	4.4	6.7	6.7	8.9	11.1	11.1	11.1	11.1
60°	22.2	24.4	26.6	26.6	24.4	24.4	26.6	26.6	26.6	26.6	26.6
57.5°	59.9	64.3	66.5	66.5	66.5	64.3	73.2	75.4	66.5	62.1	68.8
55°	208.5	215.1	210.7	204.0	190.7	175.2	170.8	168.6	170.8	159.7	141.9
52.5°	303.8	310.5	308.3	303.8	295.0	283.9	275.0	266.1	257.3	239.5	219.6
50°	394.8	397.0	394.8	390.3	381.5	370.4	352.6	332.7	314.9	310.5	292.8
47.5°	496.8	503.5	503.5	501.2	494.6	474.6	448.0	419.2	405.9	401.4	383.7
45°	587.7	592.2	594.4	596.6	594.4	574.4	550.0	534.5	505.7	496.8	496.8
42.5°	612.1	614.3	616.6	618.8	625.4	609.9	589.9	563.3	556.7	554.5	550.0
40°	621.0	616.6	618.8	621.0	623.2	612.1	596.6	581.1	576.6	572.2	572.2
37.5°	705.3	685.3	669.8	656.5	645.4	634.3	618.8	605.5	594.4	585.5	594.4
35°	601.0	601.0	616.6	629.9	643.2	656.5	658.7	643.2	618.8	607.7	623.2
32.5°	614.3	614.3	614.3	618.8	623.2	634.3	645.4	652.0	669.8	649.8	649.8
30°	627.7	629.9	634.3	636.5	629.9	625.4	621.0	621.0	632.1	660.9	676.4
27.5°	705.3	705.3	698.6	689.8	669.8	638.7	623.2	601.0	603.3	616.6	654.3
25°	831.7	827.3	811.7	789.6	754.1	709.7	667.6	621.0	601.0	594.4	609.9
22.5°	951.5	944.8	924.8	904.9	876.1	831.7	760.7	689.8	627.7	601.0	594.4
20°	1104.5	1089.0	1066.8	1035.7	989.2	944.8	882.7	789.6	698.6	629.9	603.3
17.5°	1350.7	1330.7	1288.6	1233.1	1153.3	1084.5	995.8	907.1	805.1	694.2	634.3
15°	1889.6	1838.6	1765.4	1612.4	1454.9	1324.1	1191.0	1042.4	938.1	791.8	700.8
12.5°	2971.9	2832.2	2619.3	2262.2	1909.6	1605.7	1390.6	1199.9	1031.3	896.0	767.4
10°	5030.1	4730.7	4142.9	3167.1	2517.3	1958.4	1572.5	1317.4	1104.5	964.8	822.8
7.5°	12721.6	10377.3	7343.3	5014.6	3293.5	2393.1	1798.7	1428.3	1182.1	1009.1	867.2
5°	49582.2	40843.9	21788.1	9093.2	4954.7	2894.3	2002.7	1517.0	1233.1	1042.4	900.4
2.5°	157358.6	135889.8	71295.0	19574.7	6083.6	3260.2	2142.4	1572.5	1262.0	1066.8	924.8
0°	226029.8	193715.8	100058.2	25744.8	6598.1	3353.4	2186.8	1583.5	1266.4	1071.2	924.8
-2.5°	206778.9	180972.0	96656.1	23957.2	6742.3	3380.0	2222.3	1621.2	1299.7	1091.2	931.5
-5°	122866.6	107771.9	67424.8	17081.9	5990.4	3138.3	2129.1	1588.0	1277.5	1080.1	927.1
-7.5°	32371.7	28024.7	18434.8	8913.5	3876.8	2654.8	1956.1	1532.5	1248.6	1060.1	909.3
-10°	7804.6	7396.5	6607.0	4049.8	3018.5	2217.8	1734.4	1432.7	1191.0	1033.5	880.5
-12.5°	3763.7	3675.0	3335.6	2750.1	2240.0	1843.0	1570.2	1328.5	1137.8	986.9	840.6
-15°	2448.5	2397.5	2282.2	2058.2	1798.7	1607.9	1417.2	1222.0	1071.2	918.2	807.3
-17.5°	1812.0	1809.8	1752.1	1667.8	1539.2	1397.2	1257.5	1133.3	986.9	856.1	771.8
-20°	1501.5	1501.5	1468.2	1412.8	1321.8	1228.7	1135.5	1020.2	900.4	802.9	767.4

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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°	1275.3	1277.5	1259.7	1224.3	1175.5	1097.8	1006.9	913.8	827.3	791.8	780.7
-25°	1128.9	1124.4	1104.5	1071.2	1020.2	958.1	898.2	836.1	811.7	802.9	818.4
-27.5°	955.9	962.5	953.7	938.1	904.9	860.5	847.2	829.5	833.9	847.2	907.1
-30°	853.9	860.5	869.4	876.1	865.0	853.9	858.3	871.6	900.4	951.5	973.6
-32.5°	853.9	856.1	869.4	882.7	889.4	898.2	922.6	967.0	1009.1	995.8	991.4
-35°	931.5	924.8	942.6	960.3	984.7	1015.8	1042.4	1033.5	1018.0	1013.6	1018.0
-37.5°	1153.3	1111.1	1093.4	1082.3	1075.7	1071.2	1064.6	1057.9	1051.3	1046.8	1053.5
-40°	1151.1	1140.0	1128.9	1120.0	1113.4	1104.5	1100.1	1097.8	1091.2	1086.7	1082.3
-42.5°	1146.6	1151.1	1151.1	1148.8	1151.1	1148.8	1142.2	1133.3	1122.2	1113.4	1104.5
-45°	1179.9	1182.1	1186.5	1191.0	1197.6	1188.8	1175.5	1159.9	1144.4	1131.1	1120.0
-47.5°	1199.9	1202.1	1206.5	1213.2	1217.6	1208.7	1191.0	1171.0	1146.6	1124.4	1102.3
-50°	1206.5	1213.2	1215.4	1215.4	1213.2	1202.1	1175.5	1146.6	1120.0	1097.8	1077.9
-52.5°	1175.5	1182.1	1184.3	1179.9	1177.7	1166.6	1142.2	1115.6	1086.7	1071.2	1053.5
-55°	1124.4	1133.3	1140.0	1140.0	1140.0	1137.8	1115.6	1091.2	1069.0	1051.3	1033.5
-57.5°	1104.5	1120.0	1133.3	1135.5	1137.8	1140.0	1124.4	1100.1	1073.4	1046.8	1024.6
-60°	1177.7	1191.0	1197.6	1188.8	1182.1	1175.5	1151.1	1122.2	1095.6	1069.0	1026.9
-62.5°	1157.7	1179.9	1191.0	1184.3	1175.5	1164.4	1137.8	1104.5	1073.4	1044.6	1002.5
-65°	1093.4	1113.4	1126.7	1115.6	1102.3	1086.7	1062.3	1031.3	1002.5	973.6	935.9
-67.5°	984.7	1013.6	1035.7	1011.3	993.6	973.6	953.7	927.1	898.2	865.0	829.5
-70°	814.0	836.1	856.1	849.4	845.0	840.6	827.3	800.6	776.2	749.6	718.6
-72.5°	654.3	674.2	692.0	680.9	672.0	658.7	638.7	609.9	581.1	552.2	523.4
-75°	361.5	368.2	374.8	372.6	372.6	372.6	372.6	374.8	370.4	363.7	350.4
-77.5°	277.2	286.1	292.8	297.2	303.8	312.7	319.4	308.3	297.2	286.1	272.8
-80°	217.3	226.2	232.9	257.3	275.0	295.0	308.3	292.8	277.2	263.9	252.8
-82.5°	164.1	170.8	177.4	190.7	199.6	210.7	219.6	219.6	217.3	215.1	208.5
-85°	119.8	128.6	137.5	141.9	148.6	148.6	150.8	141.9	133.1	126.4	117.5
-87.5°	68.8	71.0	71.0	71.0	73.2	73.2	73.2	68.8	66.5	62.1	59.9
-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°	2.2	2.2	2.2	4.4	4.4	6.7	6.7	8.9	8.9	11.1	11.1
85°	13.3	13.3	13.3	15.5	15.5	17.7	20.0	22.2	24.4	24.4	26.6
82.5°	22.2	24.4	26.6	28.8	31.0	33.3	35.5	37.7	44.4	48.8	51.0
80°	22.2	24.4	31.0	35.5	39.9	44.4	44.4	44.4	44.4	46.6	51.0
77.5°	15.5	17.7	20.0	24.4	35.5	44.4	51.0	55.4	51.0	48.8	44.4
75°	8.9	11.1	13.3	15.5	22.2	31.0	42.1	53.2	62.1	59.9	55.4
72.5°	8.9	8.9	11.1	13.3	15.5	17.7	20.0	31.0	44.4	55.4	62.1
70°	8.9	11.1	11.1	13.3	15.5	17.7	20.0	24.4	31.0	44.4	57.7
67.5°	8.9	11.1	11.1	15.5	20.0	22.2	24.4	22.2	20.0	28.8	42.1
65°	8.9	8.9	11.1	13.3	15.5	17.7	24.4	24.4	22.2	22.2	22.2
62.5°	13.3	13.3	13.3	13.3	15.5	15.5	15.5	20.0	20.0	20.0	20.0
60°	26.6	24.4	24.4	24.4	24.4	20.0	20.0	20.0	17.7	20.0	17.7
57.5°	64.3	53.2	48.8	48.8	42.1	39.9	33.3	24.4	24.4	20.0	20.0
55°	130.9	124.2	104.2	86.5	77.6	68.8	53.2	44.4	33.3	26.6	24.4
52.5°	201.8	184.1	166.3	144.2	122.0	104.2	88.7	68.8	55.4	39.9	31.0
50°	263.9	248.4	228.4	204.0	175.2	153.0	130.9	104.2	82.1	62.1	44.4
47.5°	359.3	328.2	303.8	275.0	241.7	210.7	181.9	150.8	115.3	90.9	68.8
45°	461.3	417.0	383.7	357.1	312.7	270.6	237.3	204.0	161.9	119.8	93.1
42.5°	532.3	499.0	454.7	419.2	379.3	334.9	290.5	255.1	210.7	161.9	119.8
40°	570.0	547.8	512.3	481.3	439.1	390.3	343.8	308.3	261.7	208.5	150.8
37.5°	598.8	587.7	570.0	545.6	505.7	448.0	401.4	359.3	319.4	257.3	195.2
35°	632.1	629.9	618.8	607.7	574.4	519.0	463.5	414.7	365.9	308.3	239.5
32.5°	663.1	660.9	654.3	649.8	636.5	587.7	527.8	472.4	417.0	357.1	281.7
30°	678.7	674.2	674.2	678.7	665.4	634.3	589.9	530.1	468.0	397.0	326.0
27.5°	678.7	674.2	676.4	683.1	680.9	665.4	632.1	583.3	514.5	434.7	365.9
25°	649.8	672.0	672.0	680.9	683.1	678.7	660.9	629.9	558.9	474.6	397.0
22.5°	609.9	663.1	683.1	680.9	683.1	694.2	696.4	667.6	601.0	514.5	428.0
20°	609.9	647.6	705.3	689.8	694.2	718.6	729.7	705.3	645.4	552.2	459.1
17.5°	623.2	647.6	696.4	720.8	727.5	747.4	765.2	749.6	685.3	592.2	501.2
15°	660.9	656.5	689.8	749.6	760.7	776.2	796.2	778.5	720.8	636.5	541.2
12.5°	687.5	663.1	689.8	754.1	789.6	805.1	811.7	798.4	751.9	676.4	581.1
10°	723.0	680.9	694.2	749.6	800.6	811.7	818.4	814.0	780.7	709.7	616.6
7.5°	749.6	689.8	689.8	743.0	811.7	820.6	825.0	829.5	805.1	738.5	647.6
5°	760.7	689.8	685.3	736.3	822.8	831.7	831.7	838.3	822.8	760.7	669.8
2.5°	762.9	687.5	680.9	731.9	842.8	842.8	838.3	845.0	836.1	774.0	685.3
0°	774.0	685.3	678.7	738.5	865.0	856.1	845.0	847.2	842.8	780.7	694.2
-2.5°	774.0	696.4	687.5	743.0	862.7	860.5	856.1	858.3	853.9	800.6	711.9
-5°	785.1	711.9	703.1	762.9	860.5	867.2	869.4	869.4	862.7	814.0	723.0
-7.5°	787.3	723.0	720.8	782.9	865.0	876.1	882.7	887.1	873.8	822.8	731.9
-10°	776.2	727.5	738.5	807.3	869.4	884.9	898.2	904.9	882.7	827.3	736.3
-12.5°	751.9	727.5	756.3	838.3	880.5	898.2	918.2	920.4	891.6	829.5	738.5
-15°	749.6	745.2	787.3	869.4	887.1	909.3	940.4	933.7	898.2	829.5	738.5
-17.5°	747.4	769.6	833.9	880.5	898.2	922.6	947.0	940.4	902.7	829.5	734.1
-20°	767.4	809.5	889.4	891.6	911.5	938.1	951.5	938.1	896.0	822.8	727.5

REPORT NUMBER: P723852

CATALOG NUMBER: IFLD-M-SA4B-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°	800.6	880.5	907.1	916.0	933.7	953.7	960.3	940.4	889.4	811.7	716.4
-25°	884.9	924.8	924.8	944.8	962.5	971.4	964.8	942.6	880.5	800.6	705.3
-27.5°	949.2	947.0	958.1	978.1	993.6	993.6	975.9	931.5	867.2	789.6	689.8
-30°	973.6	975.9	991.4	1013.6	1018.0	1006.9	980.3	922.6	856.1	771.8	669.8
-32.5°	998.0	1006.9	1026.9	1038.0	1040.2	1018.0	969.2	907.1	838.3	751.9	647.6
-35°	1026.9	1044.6	1055.7	1057.9	1046.8	1009.1	953.7	887.1	811.7	723.0	627.7
-37.5°	1064.6	1073.4	1080.1	1071.2	1040.2	995.8	927.1	860.5	787.3	692.0	598.8
-40°	1089.0	1093.4	1095.6	1066.8	1029.1	964.8	898.2	829.5	745.2	656.5	567.8
-42.5°	1104.5	1100.1	1082.3	1051.3	995.8	933.7	869.4	791.8	707.5	621.0	534.5
-45°	1100.1	1084.5	1057.9	1020.2	962.5	900.4	825.0	747.4	667.6	583.3	496.8
-47.5°	1082.3	1057.9	1024.6	980.3	927.1	851.7	776.2	700.8	623.2	541.2	461.3
-50°	1060.1	1031.3	991.4	935.9	865.0	796.2	727.5	654.3	574.4	499.0	428.0
-52.5°	1035.7	1004.7	953.7	891.6	814.0	743.0	676.4	605.5	532.3	461.3	399.2
-55°	1009.1	978.1	920.4	849.4	771.8	694.2	629.9	570.0	499.0	430.3	374.8
-57.5°	995.8	955.9	896.0	825.0	743.0	663.1	607.7	543.4	479.1	408.1	354.9
-60°	984.7	944.8	889.4	807.3	729.7	654.3	589.9	527.8	459.1	392.6	339.3
-62.5°	953.7	911.5	860.5	780.7	705.3	636.5	578.9	505.7	439.1	377.0	328.2
-65°	891.6	847.2	802.9	731.9	663.1	598.8	541.2	474.6	412.5	359.3	317.2
-67.5°	794.0	756.3	716.4	656.5	598.8	541.2	487.9	430.3	379.3	341.5	319.4
-70°	685.3	645.4	605.5	556.7	507.9	461.3	419.2	377.0	343.8	323.8	306.1
-72.5°	499.0	481.3	461.3	423.6	383.7	354.9	334.9	317.2	292.8	275.0	263.9
-75°	332.7	308.3	277.2	263.9	266.1	261.7	250.6	237.3	226.2	219.6	204.0
-77.5°	259.5	246.2	230.7	215.1	208.5	201.8	193.0	181.9	173.0	157.5	135.3
-80°	239.5	228.4	217.3	206.3	195.2	179.6	161.9	144.2	135.3	128.6	126.4
-82.5°	197.4	184.1	170.8	159.7	144.2	133.1	122.0	113.1	113.1	110.9	108.7
-85°	113.1	108.7	102.0	97.6	93.1	86.5	79.8	75.4	73.2	71.0	68.8
-87.5°	57.7	55.4	51.0	48.8	46.6	44.4	39.9	37.7	35.5	35.5	33.3
-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: P723852

CATALOG NUMBER: IFLD-M-SA4B-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°	11.1	11.1	8.9	8.9	8.9	6.7	4.4	4.4	2.2	2.2	0.0
85°	26.6	22.2	20.0	17.7	17.7	13.3	8.9	6.7	4.4	2.2	2.2
82.5°	51.0	44.4	37.7	33.3	26.6	20.0	15.5	11.1	6.7	4.4	2.2
80°	57.7	57.7	55.4	46.6	37.7	28.8	20.0	13.3	8.9	6.7	4.4
77.5°	44.4	48.8	48.8	48.8	46.6	35.5	24.4	15.5	8.9	6.7	4.4
75°	51.0	44.4	42.1	44.4	42.1	35.5	28.8	17.7	11.1	8.9	4.4
72.5°	62.1	53.2	46.6	44.4	39.9	33.3	26.6	20.0	11.1	8.9	6.7
70°	57.7	55.4	51.0	46.6	39.9	33.3	26.6	20.0	13.3	8.9	6.7
67.5°	51.0	51.0	51.0	46.6	39.9	31.0	24.4	17.7	13.3	8.9	6.7
65°	35.5	42.1	46.6	44.4	39.9	31.0	24.4	17.7	13.3	11.1	6.7
62.5°	22.2	28.8	37.7	42.1	37.7	31.0	22.2	17.7	13.3	11.1	6.7
60°	20.0	22.2	26.6	33.3	35.5	28.8	22.2	15.5	13.3	11.1	6.7
57.5°	20.0	20.0	22.2	26.6	28.8	26.6	20.0	13.3	13.3	11.1	8.9
55°	22.2	20.0	20.0	22.2	24.4	24.4	20.0	13.3	13.3	11.1	8.9
52.5°	26.6	22.2	20.0	20.0	20.0	22.2	17.7	13.3	13.3	11.1	8.9
50°	33.3	26.6	24.4	20.0	20.0	20.0	17.7	13.3	11.1	11.1	8.9
47.5°	44.4	35.5	26.6	24.4	20.0	17.7	15.5	13.3	11.1	11.1	8.9
45°	66.5	42.1	35.5	26.6	22.2	20.0	17.7	13.3	11.1	11.1	8.9
42.5°	90.9	62.1	44.4	31.0	24.4	20.0	17.7	15.5	11.1	11.1	8.9
40°	115.3	84.3	55.4	39.9	28.8	22.2	17.7	15.5	13.3	11.1	8.9
37.5°	141.9	104.2	73.2	51.0	33.3	24.4	20.0	15.5	13.3	11.1	8.9
35°	175.2	130.9	90.9	62.1	39.9	28.8	22.2	15.5	13.3	11.1	8.9
32.5°	212.9	155.2	108.7	75.4	51.0	35.5	24.4	17.7	13.3	11.1	8.9
30°	248.4	184.1	128.6	90.9	62.1	39.9	26.6	17.7	13.3	11.1	6.7
27.5°	283.9	212.9	153.0	106.5	75.4	46.6	28.8	20.0	13.3	11.1	8.9
25°	319.4	241.7	177.4	122.0	86.5	55.4	35.5	22.2	13.3	11.1	8.9
22.5°	350.4	270.6	199.6	139.7	99.8	64.3	39.9	24.4	15.5	11.1	8.9
20°	385.9	301.6	224.0	159.7	110.9	73.2	44.4	26.6	15.5	11.1	8.9
17.5°	419.2	332.7	248.4	177.4	124.2	82.1	51.0	28.8	17.7	11.1	8.9
15°	452.4	361.5	270.6	195.2	137.5	90.9	55.4	31.0	20.0	11.1	8.9
12.5°	483.5	388.1	290.5	210.7	148.6	99.8	59.9	33.3	22.2	11.1	8.9
10°	512.3	412.5	310.5	224.0	159.7	106.5	64.3	37.7	24.4	11.1	8.9
7.5°	541.2	432.5	326.0	237.3	173.0	115.3	68.8	39.9	26.6	13.3	8.9
5°	558.9	450.2	339.3	248.4	184.1	124.2	73.2	42.1	28.8	13.3	8.9
2.5°	574.4	463.5	348.2	259.5	195.2	130.9	73.2	44.4	31.0	13.3	8.9
0°	583.3	472.4	354.9	266.1	204.0	135.3	75.4	46.6	33.3	13.3	8.9
-2.5°	603.3	487.9	370.4	275.0	212.9	148.6	79.8	48.8	35.5	15.5	8.9
-5°	616.6	496.8	381.5	283.9	219.6	161.9	86.5	53.2	39.9	20.0	11.1
-7.5°	627.7	505.7	390.3	288.3	226.2	166.3	88.7	55.4	42.1	22.2	11.1
-10°	629.9	510.1	397.0	295.0	230.7	173.0	90.9	57.7	44.4	24.4	11.1
-12.5°	632.1	514.5	399.2	299.4	235.1	177.4	93.1	59.9	46.6	26.6	11.1
-15°	629.9	512.3	399.2	303.8	237.3	173.0	97.6	62.1	48.8	28.8	11.1
-17.5°	625.4	510.1	397.0	301.6	235.1	168.6	99.8	66.5	48.8	31.0	13.3
-20°	618.8	503.5	392.6	299.4	232.9	164.1	102.0	68.8	51.0	31.0	13.3

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CATALOG NUMBER: IFLD-M-SA4B-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°	607.7	492.4	383.7	292.8	228.4	159.7	102.0	73.2	53.2	31.0	13.3
-25°	594.4	481.3	374.8	283.9	221.8	153.0	102.0	75.4	55.4	31.0	13.3
-27.5°	578.9	470.2	361.5	277.2	212.9	148.6	102.0	77.6	57.7	31.0	13.3
-30°	561.1	454.7	350.4	266.1	206.3	148.6	104.2	79.8	59.9	31.0	13.3
-32.5°	543.4	439.1	337.1	257.3	197.4	146.4	104.2	82.1	62.1	28.8	15.5
-35°	523.4	421.4	326.0	250.6	190.7	141.9	106.5	82.1	59.9	28.8	15.5
-37.5°	499.0	399.2	314.9	244.0	186.3	137.5	106.5	84.3	57.7	28.8	15.5
-40°	472.4	381.5	301.6	235.1	179.6	135.3	106.5	84.3	55.4	28.8	17.7
-42.5°	443.6	361.5	288.3	226.2	173.0	133.1	106.5	84.3	53.2	28.8	17.7
-45°	417.0	341.5	272.8	215.1	166.3	133.1	106.5	82.1	48.8	31.0	17.7
-47.5°	388.1	319.4	255.1	204.0	164.1	130.9	104.2	77.6	44.4	31.0	17.7
-50°	363.7	297.2	241.7	193.0	159.7	133.1	106.5	71.0	44.4	31.0	17.7
-52.5°	339.3	281.7	226.2	188.5	155.2	135.3	104.2	66.5	44.4	31.0	17.7
-55°	319.4	266.1	217.3	181.9	159.7	139.7	99.8	59.9	44.4	31.0	17.7
-57.5°	303.8	257.3	210.7	184.1	166.3	135.3	93.1	57.7	44.4	28.8	17.7
-60°	292.8	248.4	212.9	193.0	168.6	128.6	88.7	57.7	44.4	28.8	15.5
-62.5°	283.9	250.6	224.0	199.6	159.7	119.8	84.3	57.7	39.9	26.6	15.5
-65°	286.1	259.5	228.4	190.7	153.0	110.9	77.6	55.4	37.7	24.4	15.5
-67.5°	292.8	252.8	215.1	179.6	137.5	99.8	71.0	51.0	35.5	24.4	15.5
-70°	270.6	232.9	195.2	153.0	117.5	86.5	66.5	46.6	31.0	22.2	15.5
-72.5°	244.0	195.2	155.2	124.2	99.8	79.8	59.9	42.1	28.8	20.0	13.3
-75°	177.4	141.9	115.3	104.2	88.7	71.0	53.2	37.7	26.6	20.0	13.3
-77.5°	126.4	117.5	106.5	95.4	79.8	62.1	46.6	35.5	24.4	17.7	11.1
-80°	124.2	113.1	99.8	82.1	66.5	53.2	39.9	31.0	22.2	15.5	8.9
-82.5°	104.2	88.7	75.4	62.1	51.0	42.1	33.3	24.4	17.7	11.1	6.7
-85°	64.3	55.4	48.8	42.1	35.5	28.8	22.2	15.5	11.1	6.7	4.4
-87.5°	31.0	28.8	24.4	20.0	17.7	13.3	11.1	8.9	6.7	4.4	2.2
-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: P723852

CATALOG NUMBER: IFLD-M-SA4B-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°	2.2	0.0	0.0	0.0
80°	2.2	0.0	0.0	0.0
77.5°	2.2	0.0	0.0	0.0
75°	2.2	2.2	0.0	0.0
72.5°	2.2	2.2	0.0	0.0
70°	4.4	2.2	2.2	0.0
67.5°	4.4	2.2	2.2	0.0
65°	4.4	2.2	2.2	0.0
62.5°	4.4	2.2	2.2	0.0
60°	4.4	2.2	2.2	0.0
57.5°	4.4	2.2	2.2	0.0
55°	4.4	2.2	2.2	0.0
52.5°	4.4	2.2	2.2	0.0
50°	4.4	2.2	2.2	0.0
47.5°	4.4	4.4	2.2	0.0
45°	4.4	4.4	2.2	0.0
42.5°	4.4	4.4	2.2	0.0
40°	4.4	4.4	2.2	0.0
37.5°	4.4	4.4	2.2	0.0
35°	4.4	4.4	2.2	0.0
32.5°	6.7	4.4	2.2	0.0
30°	6.7	4.4	4.4	0.0
27.5°	6.7	4.4	4.4	0.0
25°	6.7	4.4	4.4	0.0
22.5°	6.7	4.4	4.4	0.0
20°	6.7	4.4	4.4	0.0
17.5°	6.7	4.4	4.4	0.0
15°	6.7	4.4	4.4	0.0
12.5°	6.7	4.4	4.4	0.0
10°	6.7	4.4	4.4	0.0
7.5°	6.7	4.4	4.4	0.0
5°	6.7	4.4	4.4	0.0
2.5°	6.7	4.4	4.4	0.0
0°	6.7	4.4	4.4	0.0
-2.5°	6.7	4.4	4.4	0.0
-5°	6.7	4.4	4.4	0.0
-7.5°	6.7	4.4	4.4	0.0
-10°	6.7	4.4	4.4	0.0
-12.5°	8.9	4.4	4.4	0.0
-15°	8.9	4.4	4.4	0.0
-17.5°	8.9	4.4	4.4	0.0
-20°	8.9	4.4	4.4	0.0

REPORT NUMBER: P723852

CATALOG NUMBER: IFLD-M-SA4B-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	8.9	4.4	4.4	0.0
-25°	8.9	4.4	4.4	0.0
-27.5°	8.9	4.4	4.4	0.0
-30°	8.9	4.4	4.4	0.0
-32.5°	8.9	4.4	4.4	0.0
-35°	8.9	4.4	4.4	0.0
-37.5°	8.9	4.4	4.4	0.0
-40°	8.9	4.4	4.4	0.0
-42.5°	6.7	4.4	2.2	0.0
-45°	8.9	4.4	2.2	0.0
-47.5°	8.9	4.4	2.2	0.0
-50°	8.9	4.4	2.2	0.0
-52.5°	8.9	4.4	2.2	0.0
-55°	8.9	4.4	2.2	0.0
-57.5°	8.9	4.4	2.2	0.0
-60°	8.9	4.4	2.2	0.0
-62.5°	8.9	4.4	2.2	0.0
-65°	8.9	4.4	2.2	0.0
-67.5°	8.9	4.4	2.2	0.0
-70°	8.9	2.2	2.2	0.0
-72.5°	6.7	2.2	2.2	0.0
-75°	6.7	2.2	2.2	0.0
-77.5°	4.4	2.2	0.0	0.0
-80°	4.4	2.2	0.0	0.0
-82.5°	4.4	2.2	0.0	0.0
-85°	2.2	0.0	0.0	0.0
-87.5°	2.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)