

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: P724260

Luminaire Tested: **IFLD-M-SA4D-830-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724260
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4D-830-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (64) 3000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

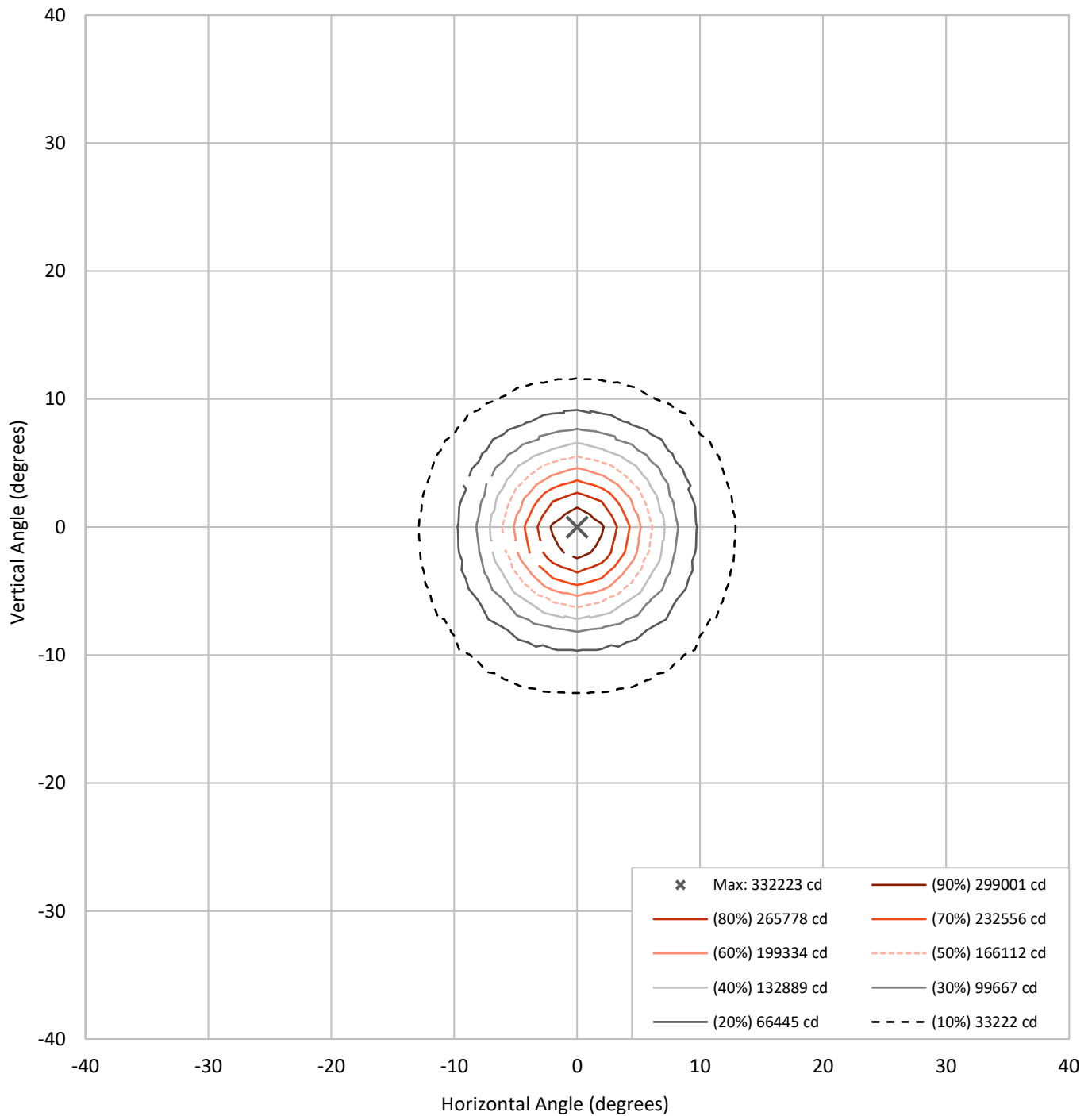
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	23205.9 lumens	Max Intensity:	332223 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	92.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	7259.9 lumens	Field Lumens:	16518.8 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 249.7
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





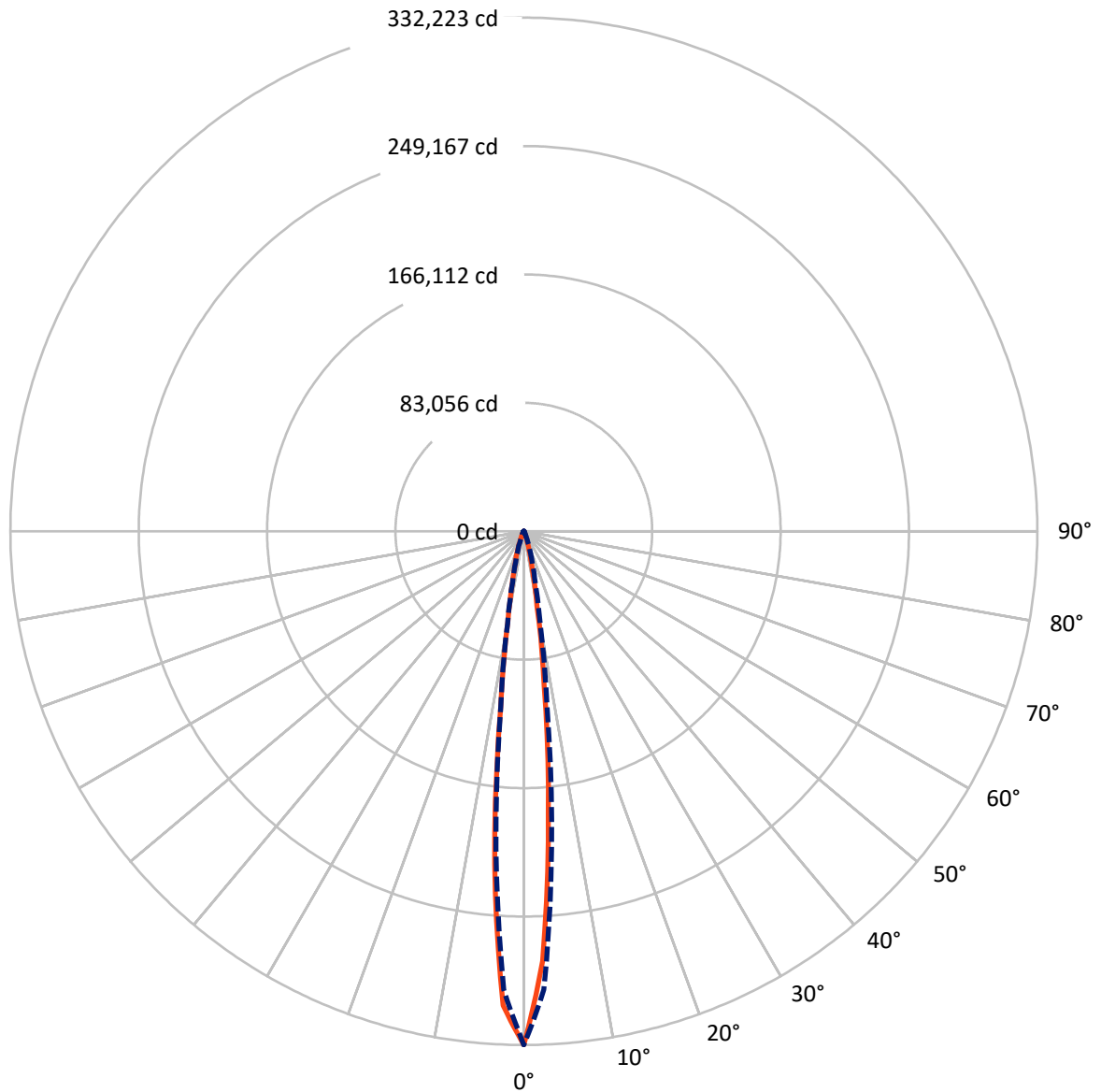
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Lumen Table

90	0.1	1.4	1.2	0.5	0.1	0.5	1.2	1.4	0.1										
80	0.1	1.4	1.2	0.5	0.1	0.5	1.2	1.4	0.1										
70	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.0	0.0	0.2	0.2	0.2	0.2	0.3	0.2	0.2			
60		0.2	0.3	0.6	1.2	1.8	2.3	2.6	2.6	2.3	1.8	1.2	0.6	0.3	0.2				
50	0.1	0.2	0.7	1.9	3.3	4.7	6.2	7.3	7.3	6.2	4.7	3.3	1.9	0.7	0.2	0.1			
40		0.4	1.6	3.5	5.9	9.3	14.1	16.9	16.9	14.1	9.3	5.9	3.5	1.6	0.4				
30	0.2	0.7	2.5	5.1	9.3	16.1	31.0	50.0	50.0	31.0	16.1	9.3	5.1	2.5	0.7	0.2			
20		1.0	3.3	7.0	14.1	35.0	182.8	462.5	462.5	182.8	35.0	14.1	7.0	3.3	1.0				
10	0.4	1.3	4.0	8.2	17.2	71.1	588.8	3628.6	3628.6	588.8	71.1	17.2	8.2	4.0	1.3	0.4			
0		1.5	4.3	8.7	18.0	81.0	647.9	3996.0	3996.0	647.9	81.0	18.0	8.7	4.3	1.5				
-10	0.5	1.6	4.5	8.6	16.9	48.6	290.8	700.8	700.8	290.8	48.6	16.9	8.6	4.5	1.6	0.5			
-20		1.6	4.5	8.2	14.3	24.7	60.1	112.9	112.9	60.1	24.7	14.3	8.2	4.5	1.6				
-30	0.5	1.4	4.1	7.6	11.9	17.5	24.8	29.1	29.1	24.8	17.5	11.9	7.6	4.1	1.4	0.5			
-40		1.2	3.6	6.8	10.3	13.6	17.3	19.2	19.2	17.3	13.6	10.3	6.8	3.6	1.2				
-50	0.4	1.0	2.8	5.7	9.0	11.9	14.6	16.0	16.0	14.6	11.9	9.0	5.7	2.8	1.0	0.4			
-60		0.8	2.1	4.2	6.9	9.5	12.0	13.3	13.3	12.0	9.5	6.9	4.2	2.1	0.8				
-70	0.2	3.1	8.7	16.0	19.3	16.0	8.7	3.1	0.2							0.2			
-80		0.2	3.1	8.7	16.0	19.3	16.0	8.7	3.1	0.2									
-90	0.2	3.1	8.7	16.0	19.3	16.0	8.7	3.1	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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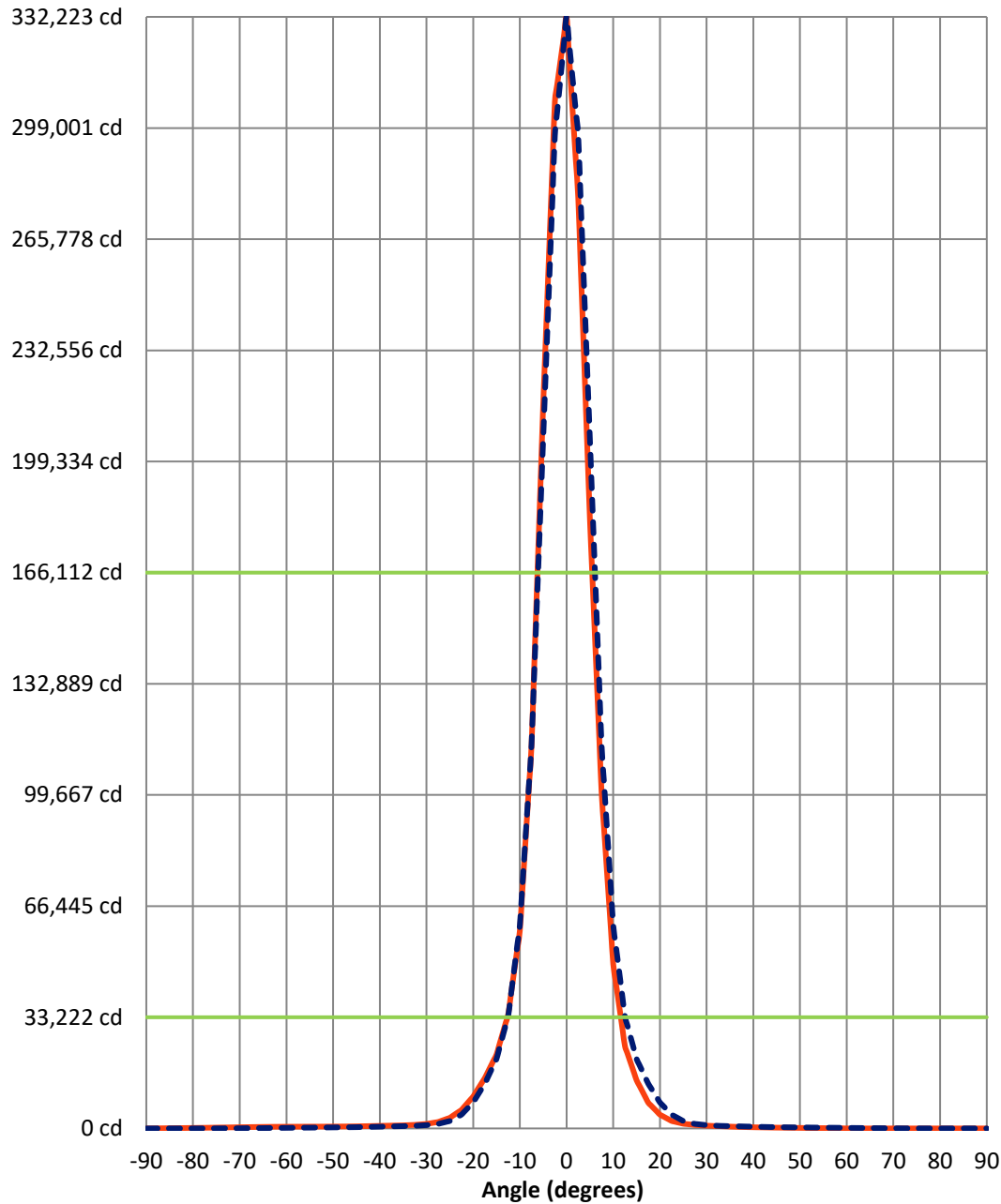
Luminous Intensity Polar Plot



— 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: 7259.9
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 16518.8
 Efficiency: 71.2%

Spill:
 Lumens: 6687.1
 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	4.2	4.2
85°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	8.3	8.3
82.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	8.3	8.3	8.3
80°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	8.3	8.3	8.3
77.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	8.3
75°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
72.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
70°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
67.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
65°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
62.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
60°	8.3	8.3	8.3	8.3	12.5	12.5	16.6	16.6	16.6	8.3	16.6
57.5°	66.5	66.5	62.4	58.2	54.0	49.9	49.9	49.9	49.9	49.9	41.6
55°	91.5	91.5	91.5	87.3	87.3	83.1	79.0	74.8	74.8	70.7	66.5
52.5°	108.1	108.1	108.1	108.1	103.9	103.9	103.9	99.8	91.5	91.5	87.3
50°	153.8	149.7	149.7	149.7	149.7	141.4	137.2	128.9	124.7	120.6	116.4
47.5°	199.6	199.6	195.4	195.4	191.2	182.9	174.6	166.3	158.0	153.8	145.5
45°	237.0	237.0	232.8	232.8	228.7	220.3	207.9	195.4	187.1	178.8	170.5
42.5°	291.0	286.9	282.7	278.5	270.2	257.8	241.1	224.5	212.0	199.6	191.2
40°	349.2	349.2	345.1	340.9	328.4	316.0	295.2	274.4	253.6	228.7	216.2
37.5°	419.9	424.1	428.2	428.2	419.9	403.3	374.2	349.2	316.0	282.7	266.1
35°	548.8	548.8	557.1	557.1	544.6	523.8	503.0	449.0	407.4	365.9	328.4
32.5°	690.1	694.3	677.7	665.2	648.6	623.6	586.2	540.5	494.7	440.7	399.1
30°	827.3	827.3	806.5	781.6	748.3	706.8	661.0	611.1	557.1	503.0	453.2
27.5°	1043.5	1022.7	1006.1	964.5	906.3	827.3	769.1	690.1	619.5	557.1	503.0
25°	1401.0	1396.9	1359.5	1288.8	1172.4	1047.7	952.0	819.0	710.9	615.3	552.9
22.5°	2228.4	2199.3	2112.0	1937.4	1663.0	1446.8	1251.4	1043.5	848.1	719.2	619.5
20°	4120.0	4024.4	3791.6	3309.3	2694.0	2269.9	1783.5	1434.3	1105.9	864.7	715.1
17.5°	7687.1	7624.7	7537.4	6423.2	5171.8	4273.8	3180.4	2199.3	1571.5	1130.8	848.1
15°	14409.6	13948.1	12983.6	11649.1	9898.8	7649.6	5625.0	3550.4	2245.0	1505.0	1076.8
12.5°	24632.7	24121.3	21631.0	18292.6	15145.5	11944.2	8385.5	5396.3	3197.1	1912.4	1276.3
10°	49082.4	45369.8	38397.9	28657.0	22366.9	16679.5	11773.8	7362.8	4161.6	2415.5	1513.3
7.5°	100530.4	88399.1	68119.2	48088.8	31126.5	21876.3	15037.4	9628.6	5546.0	3022.4	1729.5
5°	182206.9	160684.0	121055.5	72891.9	45199.4	27418.1	17843.6	11449.5	6564.6	3517.2	1945.7
2.5°	278218.2	250376.0	175014.6	100231.1	55734.3	31708.6	19805.9	12646.8	7213.1	3853.9	2112.0
0°	332223.0	296760.3	206107.9	114752.9	60752.3	33529.5	20766.3	13366.1	7761.9	4128.3	2220.1
-2.5°	306891.9	278342.9	189415.9	106596.1	58054.1	32731.3	20903.5	13544.8	7853.4	4203.1	2269.9
-5°	216297.7	192866.5	131062.4	78662.4	49257.0	30149.6	19722.8	12871.3	7599.7	4095.1	2249.2
-7.5°	114432.8	103831.4	77727.0	56524.2	35953.3	25518.2	17756.3	11678.2	6942.9	3804.0	2124.4
-10°	59122.6	56948.2	49074.1	36992.7	29093.6	21377.4	15153.8	9986.1	5803.7	3276.0	1912.4
-12.5°	34086.6	33716.6	31184.8	26769.6	22308.7	17560.9	12434.8	8144.4	4843.4	2714.8	1613.1
-15°	22071.7	22229.7	21348.3	19510.7	16970.6	13141.6	9553.7	6057.3	3583.7	2199.3	1421.8
-17.5°	15062.3	15020.7	14609.1	13349.5	11304.0	8876.1	6331.7	4278.0	2714.8	1712.9	1180.7
-20°	9528.8	9545.4	9162.9	8294.0	6789.1	5471.2	3941.2	2885.2	1924.9	1347.0	1043.5



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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°	5529.4	5541.8	5300.7	4810.1	4020.2	3242.8	2561.0	1908.3	1417.7	1122.5	914.6
-25°	3176.3	3126.4	3030.8	2793.8	2423.8	1999.7	1700.4	1342.8	1135.0	952.0	835.6
-27.5°	1924.9	1891.6	1841.7	1737.8	1592.3	1380.3	1243.1	1085.1	964.5	856.4	785.8
-30°	1342.8	1355.3	1313.7	1259.7	1193.2	1097.6	1022.7	947.9	868.9	802.4	735.9
-32.5°	1068.5	1076.8	1056.0	1035.2	1001.9	964.5	918.8	864.7	802.4	740.0	677.7
-35°	918.8	922.9	922.9	918.8	910.5	881.4	848.1	798.2	740.0	681.8	627.8
-37.5°	844.0	848.1	848.1	844.0	831.5	806.5	773.3	731.7	677.7	623.6	582.0
-40°	765.0	769.1	765.0	756.6	744.2	719.2	694.3	661.0	619.5	573.7	536.3
-42.5°	690.1	686.0	681.8	673.5	661.0	644.4	623.6	598.7	569.6	536.3	507.2
-45°	619.5	619.5	615.3	611.1	602.8	590.4	577.9	557.1	536.3	511.4	486.4
-47.5°	582.0	582.0	577.9	573.7	569.6	561.3	548.8	532.1	515.5	494.7	473.9
-50°	557.1	557.1	557.1	552.9	548.8	540.5	528.0	515.5	498.9	478.1	457.3
-52.5°	540.5	540.5	540.5	536.3	532.1	528.0	515.5	498.9	478.1	461.5	444.8
-55°	532.1	528.0	528.0	523.8	519.7	515.5	498.9	482.3	465.6	449.0	432.4
-57.5°	519.7	515.5	515.5	511.4	507.2	503.0	486.4	469.8	453.2	432.4	419.9
-60°	507.2	503.0	503.0	494.7	490.6	486.4	469.8	453.2	436.5	419.9	403.3
-62.5°	490.6	486.4	482.3	478.1	469.8	461.5	449.0	432.4	411.6	395.0	378.3
-65°	453.2	449.0	444.8	440.7	436.5	432.4	419.9	399.1	382.5	365.9	349.2
-67.5°	407.4	407.4	407.4	399.1	395.0	386.6	378.3	361.7	345.1	328.4	316.0
-70°	353.4	353.4	353.4	345.1	340.9	336.8	324.3	311.8	299.3	286.9	270.2
-72.5°	299.3	295.2	295.2	291.0	282.7	278.5	270.2	261.9	249.4	241.1	228.7
-75°	245.3	241.1	241.1	237.0	232.8	228.7	220.3	216.2	207.9	199.6	187.1
-77.5°	195.4	195.4	195.4	191.2	187.1	182.9	178.8	174.6	170.5	162.1	153.8
-80°	149.7	149.7	149.7	149.7	149.7	149.7	149.7	145.5	137.2	133.0	128.9
-82.5°	108.1	112.3	112.3	112.3	112.3	112.3	112.3	112.3	108.1	103.9	99.8
-85°	70.7	74.8	74.8	79.0	83.1	83.1	87.3	83.1	79.0	70.7	66.5
-87.5°	37.4	37.4	37.4	37.4	37.4	37.4	37.4	33.3	33.3	33.3	29.1
-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°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	8.3	8.3	8.3
85°	8.3	8.3	8.3	8.3	12.5	12.5	12.5	16.6	16.6	16.6	16.6
82.5°	8.3	12.5	12.5	12.5	16.6	16.6	20.8	24.9	33.3	37.4	37.4
80°	8.3	12.5	12.5	12.5	16.6	16.6	20.8	20.8	24.9	29.1	37.4
77.5°	8.3	8.3	12.5	12.5	12.5	16.6	16.6	20.8	20.8	24.9	29.1
75°	4.2	8.3	8.3	8.3	12.5	12.5	16.6	16.6	20.8	20.8	24.9
72.5°	4.2	8.3	8.3	8.3	12.5	12.5	16.6	16.6	16.6	20.8	20.8
70°	4.2	8.3	8.3	8.3	8.3	12.5	12.5	12.5	16.6	16.6	16.6
67.5°	4.2	4.2	4.2	8.3	8.3	8.3	8.3	12.5	12.5	12.5	16.6
65°	4.2	4.2	4.2	4.2	8.3	8.3	8.3	8.3	12.5	12.5	12.5
62.5°	4.2	4.2	4.2	8.3	8.3	8.3	8.3	8.3	12.5	12.5	12.5
60°	16.6	16.6	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
57.5°	37.4	37.4	33.3	29.1	24.9	24.9	20.8	16.6	16.6	12.5	12.5
55°	62.4	58.2	54.0	45.7	41.6	37.4	33.3	24.9	20.8	16.6	12.5
52.5°	79.0	74.8	70.7	66.5	58.2	49.9	45.7	41.6	33.3	24.9	20.8
50°	116.4	103.9	95.6	87.3	79.0	70.7	62.4	58.2	45.7	37.4	29.1
47.5°	141.4	133.0	120.6	112.3	103.9	91.5	79.0	70.7	62.4	49.9	37.4
45°	162.1	153.8	141.4	133.0	124.7	112.3	99.8	87.3	79.0	66.5	49.9
42.5°	182.9	174.6	162.1	153.8	141.4	128.9	116.4	103.9	91.5	83.1	66.5
40°	212.0	199.6	182.9	174.6	166.3	149.7	133.0	120.6	108.1	95.6	79.0
37.5°	249.4	237.0	216.2	199.6	187.1	174.6	158.0	141.4	128.9	112.3	95.6
35°	307.6	286.9	257.8	232.8	216.2	199.6	178.8	162.1	145.5	128.9	112.3
32.5°	365.9	332.6	295.2	266.1	241.1	220.3	199.6	182.9	162.1	141.4	124.7
30°	411.6	374.2	336.8	295.2	266.1	241.1	220.3	199.6	178.8	158.0	137.2
27.5°	457.3	415.7	374.2	332.6	291.0	257.8	237.0	216.2	195.4	174.6	149.7
25°	503.0	457.3	415.7	370.0	320.1	282.7	253.6	237.0	216.2	191.2	162.1
22.5°	544.6	503.0	461.5	411.6	353.4	303.5	274.4	253.6	232.8	203.7	178.8
20°	623.6	569.6	519.7	457.3	390.8	340.9	303.5	274.4	249.4	220.3	191.2
17.5°	727.5	648.6	582.0	511.4	444.8	382.5	328.4	295.2	270.2	237.0	203.7
15°	860.6	723.4	640.2	569.6	490.6	419.9	361.7	316.0	282.7	249.4	220.3
12.5°	960.4	781.6	690.1	623.6	540.5	461.5	386.6	332.6	295.2	261.9	228.7
10°	1072.6	844.0	731.7	656.9	569.6	482.3	403.3	345.1	303.5	274.4	241.1
7.5°	1164.1	893.8	752.5	669.3	586.2	498.9	419.9	357.5	316.0	282.7	249.4
5°	1247.2	935.4	769.1	673.5	594.5	511.4	428.2	365.9	324.3	291.0	257.8
2.5°	1305.4	972.8	785.8	681.8	602.8	519.7	440.7	374.2	332.6	299.3	266.1
0°	1355.3	985.3	781.6	681.8	607.0	519.7	444.8	378.3	336.8	303.5	270.2
-2.5°	1371.9	1006.1	802.4	690.1	615.3	528.0	453.2	382.5	340.9	307.6	278.5
-5°	1371.9	989.5	802.4	698.4	619.5	532.1	453.2	386.6	345.1	311.8	278.5
-7.5°	1322.1	964.5	798.2	706.8	623.6	536.3	453.2	390.8	349.2	316.0	282.7
-10°	1234.8	927.1	794.1	710.9	623.6	532.1	453.2	390.8	349.2	316.0	286.9
-12.5°	1093.4	877.2	773.3	702.6	615.3	523.8	449.0	390.8	349.2	320.1	286.9
-15°	1022.7	835.6	748.3	677.7	594.5	511.4	440.7	386.6	349.2	320.1	291.0
-17.5°	927.1	802.4	723.4	652.7	577.9	498.9	432.4	386.6	349.2	316.0	291.0
-20°	860.6	765.0	694.3	631.9	557.1	486.4	428.2	382.5	349.2	316.0	291.0



REPORT NUMBER: P724260
 CATALOG NUMBER: IFLD-M-SA4D-830-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°	802.4	723.4	661.0	598.7	532.1	469.8	419.9	378.3	345.1	316.0	291.0
-25°	756.6	686.0	627.8	569.6	511.4	457.3	411.6	374.2	340.9	316.0	286.9
-27.5°	715.1	648.6	594.5	540.5	486.4	444.8	403.3	370.0	340.9	311.8	282.7
-30°	669.3	615.3	561.3	511.4	473.9	432.4	395.0	361.7	336.8	307.6	278.5
-32.5°	623.6	573.7	528.0	490.6	457.3	424.1	390.8	357.5	328.4	299.3	270.2
-35°	582.0	536.3	503.0	469.8	444.8	415.7	382.5	349.2	324.3	295.2	270.2
-37.5°	540.5	507.2	478.1	453.2	428.2	403.3	370.0	340.9	316.0	286.9	257.8
-40°	507.2	482.3	461.5	440.7	415.7	386.6	361.7	332.6	307.6	278.5	245.3
-42.5°	486.4	465.6	444.8	424.1	403.3	378.3	353.4	324.3	299.3	270.2	237.0
-45°	465.6	449.0	432.4	415.7	395.0	370.0	340.9	311.8	286.9	257.8	232.8
-47.5°	453.2	436.5	419.9	407.4	390.8	357.5	332.6	303.5	274.4	249.4	220.3
-50°	440.7	424.1	411.6	395.0	374.2	345.1	320.1	291.0	266.1	237.0	212.0
-52.5°	428.2	411.6	395.0	378.3	357.5	332.6	307.6	282.7	253.6	224.5	199.6
-55°	415.7	399.1	382.5	365.9	345.1	324.3	299.3	266.1	237.0	207.9	182.9
-57.5°	403.3	390.8	370.0	349.2	328.4	307.6	278.5	249.4	220.3	191.2	170.5
-60°	386.6	370.0	353.4	328.4	307.6	282.7	257.8	232.8	203.7	178.8	158.0
-62.5°	361.7	345.1	328.4	303.5	282.7	261.9	241.1	212.0	191.2	166.3	145.5
-65°	332.6	316.0	299.3	278.5	257.8	237.0	220.3	195.4	174.6	153.8	137.2
-67.5°	299.3	282.7	270.2	249.4	232.8	212.0	195.4	174.6	153.8	137.2	120.6
-70°	257.8	245.3	232.8	216.2	199.6	182.9	166.3	149.7	133.0	120.6	103.9
-72.5°	220.3	207.9	195.4	182.9	170.5	153.8	141.4	128.9	116.4	103.9	95.6
-75°	178.8	170.5	162.1	153.8	141.4	128.9	120.6	108.1	99.8	91.5	87.3
-77.5°	149.7	141.4	133.0	124.7	116.4	108.1	99.8	91.5	87.3	83.1	79.0
-80°	120.6	116.4	112.3	103.9	99.8	91.5	87.3	79.0	79.0	79.0	79.0
-82.5°	95.6	91.5	87.3	83.1	79.0	74.8	74.8	70.7	74.8	74.8	70.7
-85°	66.5	62.4	58.2	58.2	54.0	54.0	49.9	49.9	49.9	45.7	45.7
-87.5°	29.1	29.1	29.1	29.1	24.9	24.9	24.9	24.9	24.9	20.8	20.8
-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: P724260
 CATALOG NUMBER: IFLD-M-SA4D-830-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°	8.3	8.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	0.0	0.0
85°	16.6	16.6	12.5	12.5	12.5	8.3	8.3	4.2	4.2	4.2	4.2
82.5°	37.4	33.3	29.1	24.9	20.8	16.6	12.5	8.3	8.3	4.2	4.2
80°	45.7	45.7	45.7	41.6	33.3	24.9	16.6	12.5	8.3	4.2	4.2
77.5°	33.3	33.3	37.4	41.6	41.6	33.3	20.8	12.5	8.3	8.3	4.2
75°	24.9	24.9	24.9	29.1	33.3	33.3	24.9	16.6	8.3	8.3	4.2
72.5°	24.9	24.9	24.9	24.9	24.9	24.9	24.9	16.6	12.5	8.3	8.3
70°	20.8	20.8	20.8	20.8	20.8	20.8	20.8	16.6	12.5	8.3	8.3
67.5°	16.6	16.6	20.8	20.8	20.8	16.6	16.6	16.6	12.5	8.3	8.3
65°	12.5	16.6	16.6	20.8	16.6	16.6	16.6	12.5	12.5	8.3	8.3
62.5°	12.5	12.5	16.6	16.6	16.6	16.6	12.5	12.5	12.5	8.3	8.3
60°	12.5	12.5	12.5	16.6	12.5	12.5	12.5	12.5	12.5	8.3	8.3
57.5°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	8.3	8.3	8.3	8.3
55°	12.5	12.5	12.5	12.5	12.5	12.5	8.3	8.3	8.3	8.3	8.3
52.5°	16.6	12.5	12.5	12.5	12.5	12.5	8.3	8.3	8.3	8.3	8.3
50°	20.8	12.5	12.5	12.5	12.5	8.3	8.3	8.3	8.3	8.3	8.3
47.5°	29.1	20.8	16.6	12.5	12.5	8.3	8.3	8.3	8.3	8.3	4.2
45°	41.6	29.1	20.8	16.6	12.5	8.3	8.3	8.3	8.3	8.3	4.2
42.5°	49.9	37.4	24.9	20.8	16.6	12.5	8.3	8.3	8.3	4.2	4.2
40°	62.4	49.9	33.3	24.9	16.6	12.5	8.3	8.3	8.3	4.2	4.2
37.5°	79.0	62.4	41.6	29.1	20.8	12.5	12.5	8.3	8.3	4.2	4.2
35°	91.5	70.7	54.0	33.3	24.9	16.6	12.5	8.3	8.3	4.2	4.2
32.5°	103.9	83.1	66.5	41.6	29.1	20.8	16.6	8.3	8.3	4.2	4.2
30°	116.4	95.6	74.8	54.0	37.4	24.9	16.6	8.3	8.3	4.2	4.2
27.5°	128.9	103.9	83.1	62.4	41.6	29.1	20.8	12.5	8.3	4.2	4.2
25°	141.4	116.4	91.5	70.7	45.7	33.3	20.8	12.5	8.3	8.3	4.2
22.5°	149.7	128.9	103.9	79.0	54.0	37.4	24.9	16.6	8.3	8.3	4.2
20°	162.1	141.4	112.3	87.3	62.4	41.6	24.9	16.6	8.3	8.3	4.2
17.5°	174.6	149.7	120.6	95.6	70.7	45.7	29.1	20.8	8.3	8.3	4.2
15°	187.1	158.0	128.9	99.8	74.8	49.9	29.1	20.8	8.3	8.3	4.2
12.5°	199.6	170.5	137.2	108.1	79.0	54.0	33.3	24.9	12.5	8.3	4.2
10°	207.9	178.8	145.5	112.3	83.1	62.4	37.4	24.9	12.5	8.3	4.2
7.5°	220.3	187.1	153.8	120.6	87.3	66.5	41.6	24.9	12.5	8.3	4.2
5°	224.5	195.4	158.0	128.9	91.5	70.7	45.7	29.1	12.5	8.3	4.2
2.5°	228.7	203.7	162.1	133.0	95.6	70.7	45.7	29.1	16.6	8.3	4.2
0°	232.8	207.9	166.3	137.2	99.8	74.8	49.9	29.1	16.6	8.3	4.2
-2.5°	237.0	212.0	174.6	141.4	103.9	79.0	54.0	29.1	16.6	8.3	4.2
-5°	241.1	212.0	182.9	145.5	108.1	79.0	54.0	33.3	20.8	8.3	4.2
-7.5°	245.3	216.2	187.1	149.7	112.3	79.0	58.2	33.3	20.8	12.5	4.2
-10°	249.4	220.3	191.2	153.8	112.3	83.1	58.2	33.3	20.8	12.5	4.2
-12.5°	253.6	224.5	191.2	153.8	116.4	83.1	58.2	37.4	20.8	12.5	4.2
-15°	257.8	224.5	191.2	153.8	116.4	87.3	62.4	37.4	20.8	12.5	8.3
-17.5°	257.8	224.5	191.2	158.0	116.4	87.3	62.4	37.4	20.8	12.5	8.3
-20°	257.8	224.5	191.2	158.0	116.4	87.3	62.4	37.4	20.8	12.5	8.3



REPORT NUMBER: P724260
 CATALOG NUMBER: IFLD-M-SA4D-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	253.6	220.3	191.2	153.8	116.4	87.3	62.4	37.4	24.9	12.5	8.3
-25°	253.6	220.3	191.2	153.8	116.4	87.3	58.2	37.4	24.9	12.5	8.3
-27.5°	249.4	220.3	187.1	149.7	112.3	83.1	58.2	37.4	24.9	12.5	8.3
-30°	245.3	216.2	182.9	145.5	112.3	83.1	58.2	37.4	24.9	12.5	8.3
-32.5°	241.1	207.9	178.8	141.4	108.1	79.0	58.2	37.4	24.9	12.5	8.3
-35°	232.8	203.7	170.5	137.2	103.9	79.0	54.0	37.4	24.9	16.6	8.3
-37.5°	224.5	195.4	166.3	133.0	99.8	74.8	54.0	37.4	24.9	16.6	8.3
-40°	216.2	191.2	158.0	124.7	95.6	70.7	54.0	37.4	24.9	16.6	12.5
-42.5°	207.9	182.9	153.8	120.6	95.6	70.7	49.9	37.4	24.9	16.6	12.5
-45°	203.7	178.8	145.5	116.4	91.5	70.7	49.9	33.3	24.9	16.6	12.5
-47.5°	195.4	166.3	137.2	112.3	87.3	66.5	45.7	33.3	24.9	16.6	12.5
-50°	182.9	158.0	133.0	108.1	83.1	62.4	45.7	33.3	24.9	16.6	12.5
-52.5°	170.5	145.5	124.7	99.8	79.0	62.4	45.7	33.3	24.9	16.6	12.5
-55°	158.0	137.2	116.4	95.6	74.8	58.2	41.6	33.3	24.9	16.6	12.5
-57.5°	149.7	128.9	108.1	87.3	70.7	54.0	41.6	29.1	20.8	16.6	12.5
-60°	141.4	120.6	99.8	83.1	66.5	54.0	41.6	29.1	20.8	16.6	8.3
-62.5°	128.9	112.3	91.5	79.0	62.4	49.9	37.4	29.1	20.8	16.6	8.3
-65°	116.4	99.8	83.1	70.7	58.2	45.7	37.4	29.1	20.8	16.6	8.3
-67.5°	103.9	91.5	79.0	66.5	54.0	45.7	37.4	29.1	20.8	12.5	8.3
-70°	95.6	83.1	70.7	62.4	54.0	41.6	37.4	29.1	20.8	12.5	8.3
-72.5°	83.1	74.8	66.5	58.2	49.9	45.7	37.4	29.1	16.6	12.5	8.3
-75°	79.0	70.7	62.4	58.2	54.0	45.7	37.4	24.9	16.6	12.5	8.3
-77.5°	79.0	70.7	66.5	62.4	54.0	45.7	33.3	20.8	12.5	12.5	8.3
-80°	79.0	74.8	70.7	58.2	49.9	37.4	24.9	20.8	12.5	8.3	4.2
-82.5°	70.7	58.2	49.9	41.6	37.4	29.1	20.8	16.6	8.3	8.3	4.2
-85°	45.7	37.4	33.3	29.1	24.9	20.8	12.5	8.3	8.3	4.2	4.2
-87.5°	20.8	20.8	16.6	12.5	12.5	8.3	8.3	4.2	4.2	4.2	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: P724260
 CATALOG NUMBER: IFLD-M-SA4D-830-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°	4.2	0.0	0.0	0.0
77.5°	4.2	0.0	0.0	0.0
75°	4.2	4.2	0.0	0.0
72.5°	4.2	4.2	0.0	0.0
70°	4.2	4.2	0.0	0.0
67.5°	4.2	4.2	0.0	0.0
65°	4.2	4.2	0.0	0.0
62.5°	4.2	4.2	0.0	0.0
60°	4.2	4.2	0.0	0.0
57.5°	4.2	4.2	4.2	0.0
55°	4.2	4.2	4.2	0.0
52.5°	4.2	4.2	4.2	0.0
50°	4.2	4.2	4.2	0.0
47.5°	4.2	4.2	4.2	0.0
45°	4.2	4.2	4.2	0.0
42.5°	4.2	4.2	4.2	0.0
40°	4.2	4.2	4.2	0.0
37.5°	4.2	4.2	4.2	0.0
35°	4.2	4.2	4.2	0.0
32.5°	4.2	4.2	4.2	0.0
30°	4.2	4.2	4.2	0.0
27.5°	4.2	4.2	4.2	0.0
25°	4.2	4.2	4.2	0.0
22.5°	4.2	4.2	4.2	0.0
20°	4.2	4.2	4.2	0.0
17.5°	4.2	4.2	4.2	0.0
15°	4.2	4.2	4.2	0.0
12.5°	4.2	4.2	4.2	0.0
10°	4.2	4.2	4.2	0.0
7.5°	4.2	4.2	4.2	0.0
5°	4.2	4.2	4.2	0.0
2.5°	4.2	4.2	4.2	0.0
0°	4.2	4.2	4.2	0.0
-2.5°	4.2	4.2	4.2	0.0
-5°	4.2	4.2	4.2	0.0
-7.5°	4.2	4.2	4.2	0.0
-10°	4.2	4.2	4.2	0.0
-12.5°	4.2	4.2	4.2	0.0
-15°	4.2	4.2	4.2	0.0
-17.5°	4.2	4.2	4.2	0.0
-20°	4.2	4.2	4.2	0.0



REPORT NUMBER: P724260
CATALOG NUMBER: IFLD-M-SA4D-830-U-22-VI

CANDELA DISTRIBUTION (continued):

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