

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: P724266

Luminaire Tested: **IFLD-L-SA7E-830-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724266
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-830-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (112) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

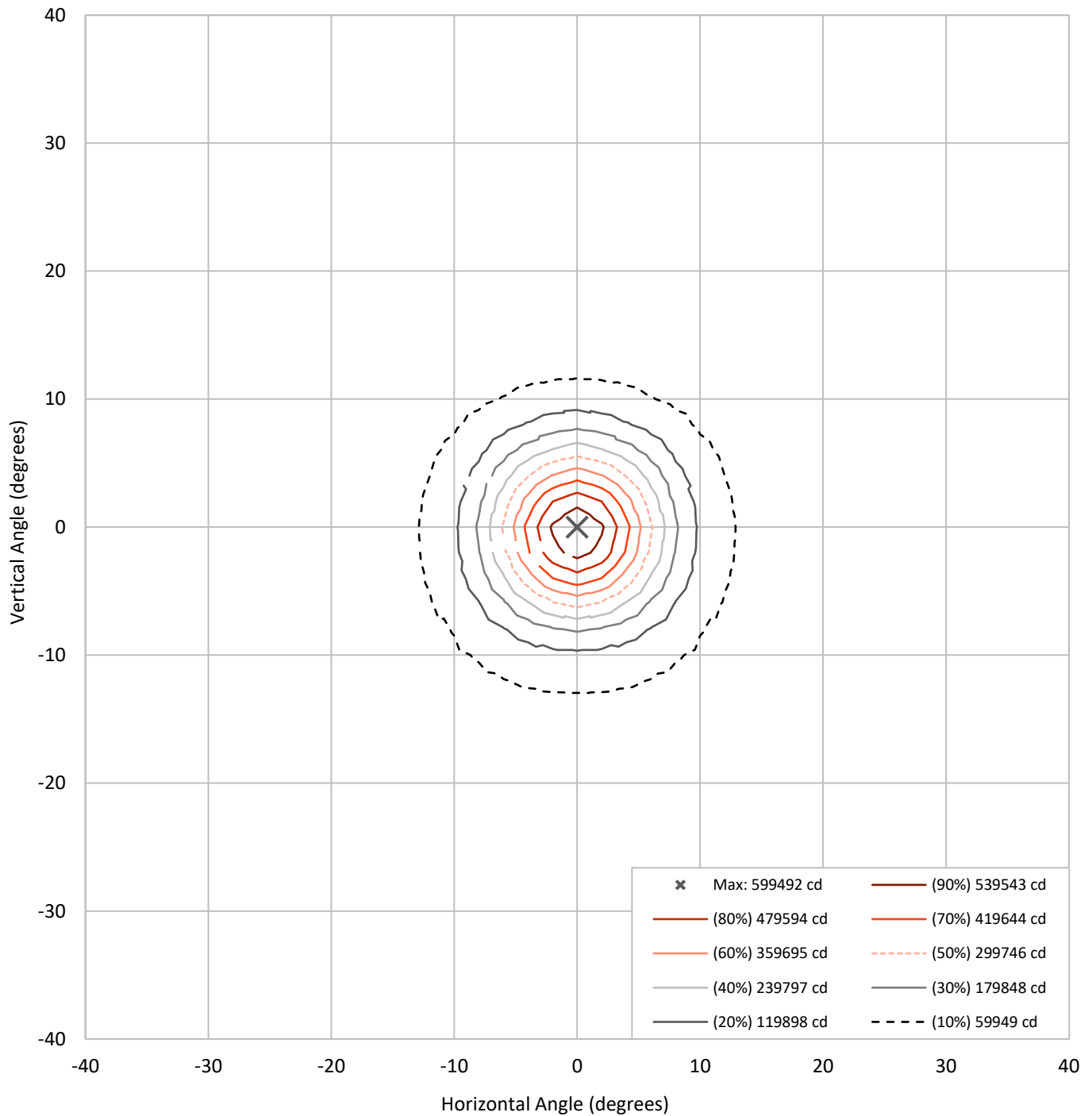
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	41874.8 lumens	Max Intensity:	599492 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	78.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	13100.4 lumens	Field Lumens:	29808 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 532.7
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





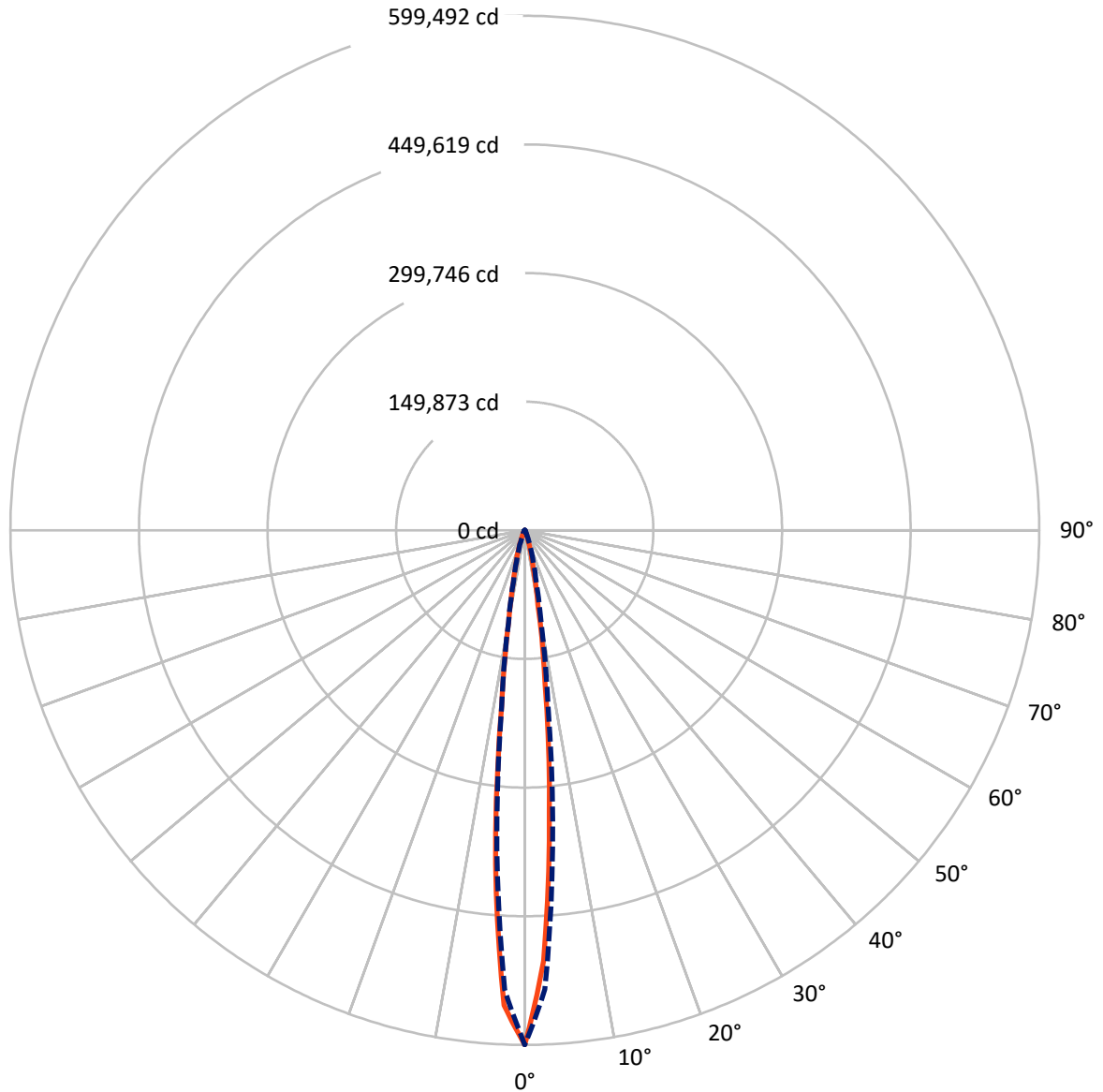
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Lumen Table

90	0.3	2.5		2.1		1.0		0.1		1.0		2.1		2.5		0.3			
80	0.3	2.5		2.1		1.0		0.1		1.0		2.1		2.5		0.3			
70	0.3	0.4	0.5	0.4	0.3	0.3	0.3	0.1	0.1	0.3	0.3	0.3	0.4	0.5	0.4	0.3			
60		0.3	0.5	1.2	2.2	3.2	4.1	4.6	4.6	4.1	3.2	2.2	1.2	0.5	0.3				
50	0.3	0.3	1.3	3.4	6.0	8.4	11.1	13.1	13.1	11.1	8.4	6.0	3.4	1.3	0.3	0.3			
40		0.7	2.9	6.3	10.7	16.8	25.5	30.4	30.4	25.5	16.8	10.7	6.3	2.9	0.7				
30	0.4	1.3	4.5	9.2	16.8	29.0	55.9	90.1	90.1	55.9	29.0	16.8	9.2	4.5	1.3	0.4			
20		1.8	6.0	12.6	25.5	63.2	329.9	834.6	834.6	329.9	63.2	25.5	12.6	6.0	1.8				
10	0.7	2.3	7.2	14.8	31.1	128.3	1062.6	6547.7	6547.7	1062.6	128.3	31.1	14.8	7.2	2.3	0.7			
0		2.7	7.8	15.7	32.4	146.2	1169.2	7210.8	7210.8	1169.2	146.2	32.4	15.7	7.8	2.7				
-10	0.9	2.9	8.1	15.6	30.4	87.6	524.8	1264.6	1264.6	524.8	87.6	30.4	15.6	8.1	2.9	0.9			
-20		2.9	8.0	14.8	25.8	44.6	108.4	203.7	203.7	108.4	44.6	25.8	14.8	8.0	2.9				
-30	0.9	2.6	7.4	13.7	21.4	31.6	44.8	52.6	52.6	44.8	31.6	21.4	13.7	7.4	2.6	0.9			
-40		2.2	6.4	12.2	18.6	24.6	31.1	34.6	34.6	31.1	24.6	18.6	12.2	6.4	2.2				
-50	0.8	1.8	5.1	10.3	16.3	21.5	26.4	28.8	28.8	26.4	21.5	16.3	10.3	5.1	1.8	0.8			
-60		1.4	3.7	7.6	12.5	17.2	21.6	24.0	24.0	21.6	17.2	12.5	7.6	3.7	1.4				
-70	0.4	1.4	3.7	7.6	12.5	17.2	21.6	24.0	24.0	21.6	17.2	12.5	7.6	3.7	1.4	0.4			
-80		0.4	5.7		15.7		28.9		34.9		28.9		15.7		5.7				
-90	0.4	5.7		15.7		28.9		34.9		28.9		15.7		5.7		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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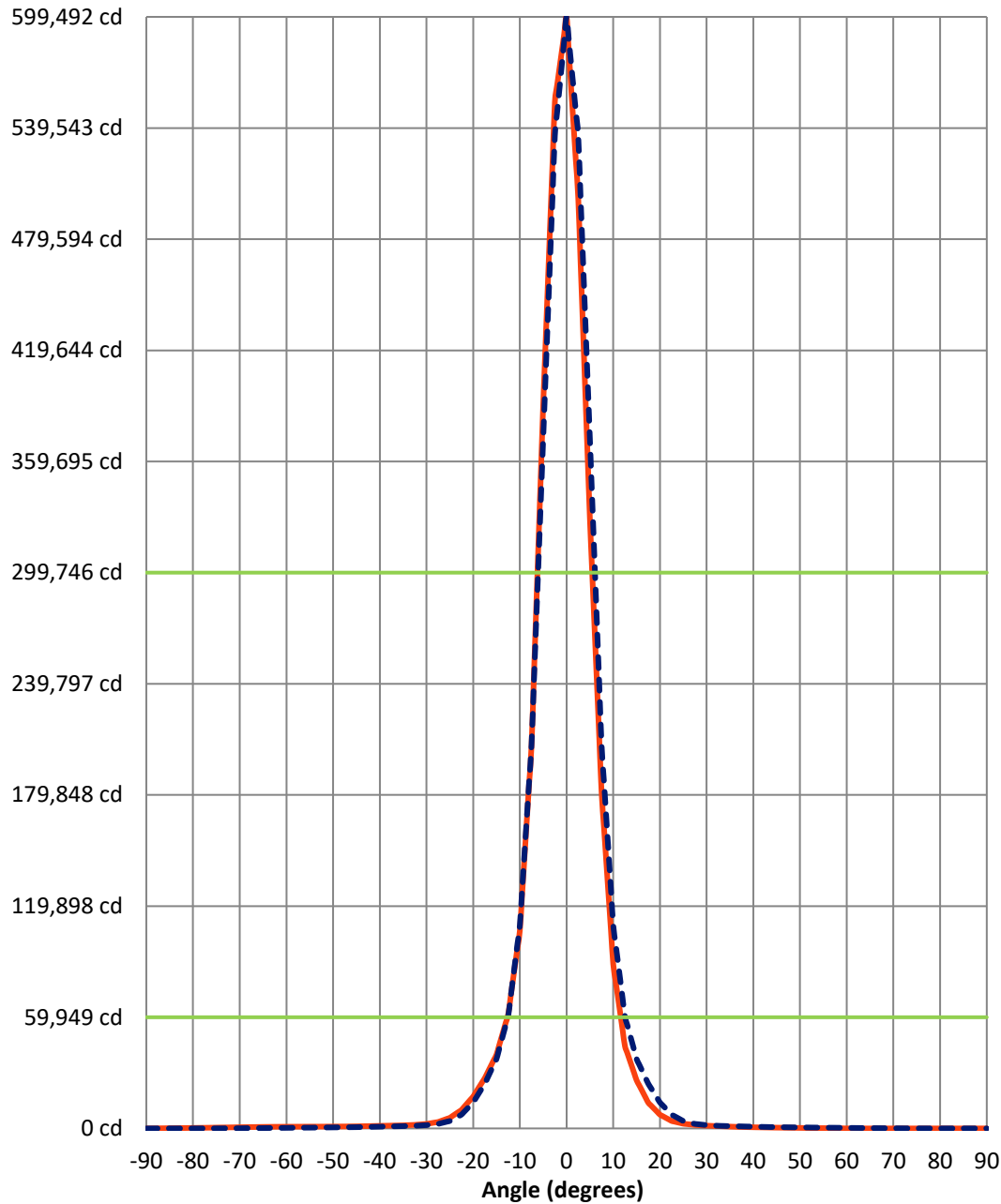
Luminous Intensity Polar Plot



— 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: 13100.4
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 29808
Efficiency: 71.2%

Spill:
Lumens: 12066.7
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	7.5	7.5
85°	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	7.5	15.0	15.0
82.5°	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	15.0	15.0	15.0
80°	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	15.0	15.0	15.0
77.5°	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	7.5	7.5	15.0
75°	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5
72.5°	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5
70°	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5
67.5°	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5
65°	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5
62.5°	0.0	0.0	0.0	0.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5
60°	15.0	15.0	15.0	15.0	22.5	22.5	30.0	30.0	30.0	15.0	30.0
57.5°	120.0	120.0	112.5	105.0	97.5	90.0	90.0	90.0	90.0	90.0	75.0
55°	165.0	165.0	165.0	157.5	157.5	150.0	142.5	135.0	135.0	127.5	120.0
52.5°	195.1	195.1	195.1	195.1	187.5	187.5	187.5	180.0	165.0	165.0	157.5
50°	277.6	270.1	270.1	270.1	270.1	255.1	247.6	232.6	225.1	217.6	210.1
47.5°	360.1	360.1	352.6	352.6	345.1	330.1	315.1	300.1	285.1	277.6	262.6
45°	427.6	427.6	420.1	420.1	412.6	397.6	375.1	352.6	337.6	322.6	307.6
42.5°	525.1	517.6	510.1	502.6	487.6	465.1	435.1	405.1	382.6	360.1	345.1
40°	630.2	630.2	622.7	615.2	592.7	570.2	532.6	495.1	457.6	412.6	390.1
37.5°	757.7	765.2	772.7	772.7	757.7	727.7	675.2	630.2	570.2	510.1	480.1
35°	990.3	990.3	1005.3	1005.3	982.8	945.3	907.7	810.2	735.2	660.2	592.7
32.5°	1245.3	1252.8	1222.8	1200.3	1170.3	1125.3	1057.8	975.3	892.7	795.2	720.2
30°	1492.9	1492.9	1455.4	1410.4	1350.4	1275.3	1192.8	1102.8	1005.3	907.7	817.7
27.5°	1883.0	1845.5	1815.5	1740.5	1635.4	1492.9	1387.9	1245.3	1117.8	1005.3	907.7
25°	2528.2	2520.7	2453.2	2325.6	2115.6	1890.5	1718.0	1477.9	1282.8	1110.3	997.8
22.5°	4021.1	3968.6	3811.0	3495.9	3000.8	2610.7	2258.1	1883.0	1530.4	1297.8	1117.8
20°	7434.5	7261.9	6841.8	5971.6	4861.3	4096.1	3218.4	2588.2	1995.5	1560.4	1290.3
17.5°	13871.2	13758.7	13601.1	11590.6	9332.5	7712.1	5739.0	3968.6	2835.8	2040.5	1530.4
15°	26001.9	25169.2	23428.7	21020.6	17862.3	13803.7	10150.2	6406.7	4051.1	2715.7	1943.0
12.5°	44449.3	43526.6	39032.9	33008.8	27329.8	21553.2	15131.5	9737.6	5769.0	3450.9	2303.1
10°	88568.6	81869.3	69288.4	51711.3	40360.7	30098.0	21245.7	13286.0	7509.5	4358.7	2730.7
7.5°	181405.8	159514.9	122920.2	86775.6	56167.4	39475.5	27134.7	17374.6	10007.7	5454.0	3120.8
5°	328790.0	289952.1	218443.1	131532.5	81561.7	49475.7	32198.6	20660.5	11845.7	6346.7	3510.9
2.5°	502041.1	451800.2	315811.5	180865.6	100571.8	57217.7	35739.5	22821.1	13016.0	6954.4	3811.0
0°	599492.0	535500.0	371919.0	207070.1	109626.7	60503.6	37472.5	24118.9	14006.2	7449.5	4006.1
-2.5°	553782.3	502266.1	341798.4	192351.2	104757.9	59063.2	37720.0	24441.5	14171.3	7584.5	4096.1
-5°	390306.4	348025.1	236500.4	141945.3	88883.6	54404.5	35589.5	23226.2	13713.6	7389.5	4058.6
-7.5°	206492.4	187362.4	140257.3	101997.1	64877.3	46047.3	32041.0	21073.1	12528.3	6864.3	3833.5
-10°	106685.9	102762.3	88553.6	66752.8	52499.0	38575.3	27344.8	18019.8	10472.8	5911.6	3450.9
-12.5°	61508.9	60841.2	56272.5	48305.4	40255.7	31688.4	22438.5	14696.4	8739.8	4898.8	2910.8
-15°	39828.1	40113.2	38522.7	35206.9	30623.1	23713.8	17239.6	10930.4	6466.7	3968.6	2565.7
-17.5°	27179.7	27104.7	26362.0	24088.9	20397.9	16016.8	11425.5	7719.6	4898.8	3090.8	2130.6
-20°	17194.6	17224.6	16534.4	14966.5	12250.8	9872.6	7111.9	5206.4	3473.4	2430.6	1883.0



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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°	9977.7	10000.2	9565.0	8679.8	7254.4	5851.6	4621.2	3443.4	2558.2	2025.5	1650.4
-25°	5731.5	5641.5	5469.0	5041.3	4373.7	3608.5	3068.3	2423.1	2048.0	1718.0	1507.9
-27.5°	3473.4	3413.4	3323.4	3135.8	2873.3	2490.7	2243.1	1958.0	1740.5	1545.4	1417.9
-30°	2423.1	2445.7	2370.6	2273.1	2153.1	1980.5	1845.5	1710.5	1567.9	1447.9	1327.9
-32.5°	1928.0	1943.0	1905.5	1868.0	1808.0	1740.5	1657.9	1560.4	1447.9	1335.4	1222.8
-35°	1657.9	1665.4	1665.4	1657.9	1642.9	1590.4	1530.4	1440.4	1335.4	1230.3	1132.8
-37.5°	1522.9	1530.4	1530.4	1522.9	1500.4	1455.4	1395.4	1320.4	1222.8	1125.3	1050.3
-40°	1380.4	1387.9	1380.4	1365.4	1342.9	1297.8	1252.8	1192.8	1117.8	1035.3	967.8
-42.5°	1245.3	1237.8	1230.3	1215.3	1192.8	1162.8	1125.3	1080.3	1027.8	967.8	915.2
-45°	1117.8	1117.8	1110.3	1102.8	1087.8	1065.3	1042.8	1005.3	967.8	922.7	877.7
-47.5°	1050.3	1050.3	1042.8	1035.3	1027.8	1012.8	990.3	960.3	930.2	892.7	855.2
-50°	1005.3	1005.3	1005.3	997.8	990.3	975.3	952.8	930.2	900.2	862.7	825.2
-52.5°	975.3	975.3	975.3	967.8	960.3	952.8	930.2	900.2	862.7	832.7	802.7
-55°	960.3	952.8	952.8	945.3	937.7	930.2	900.2	870.2	840.2	810.2	780.2
-57.5°	937.7	930.2	930.2	922.7	915.2	907.7	877.7	847.7	817.7	780.2	757.7
-60°	915.2	907.7	907.7	892.7	885.2	877.7	847.7	817.7	787.7	757.7	727.7
-62.5°	885.2	877.7	870.2	862.7	847.7	832.7	810.2	780.2	742.7	712.7	682.7
-65°	817.7	810.2	802.7	795.2	787.7	780.2	757.7	720.2	690.2	660.2	630.2
-67.5°	735.2	735.2	735.2	720.2	712.7	697.7	682.7	652.7	622.7	592.7	570.2
-70°	637.7	637.7	637.7	622.7	615.2	607.7	585.2	562.6	540.1	517.6	487.6
-72.5°	540.1	532.6	532.6	525.1	510.1	502.6	487.6	472.6	450.1	435.1	412.6
-75°	442.6	435.1	435.1	427.6	420.1	412.6	397.6	390.1	375.1	360.1	337.6
-77.5°	352.6	352.6	352.6	345.1	337.6	330.1	322.6	315.1	307.6	292.6	277.6
-80°	270.1	270.1	270.1	270.1	270.1	270.1	270.1	262.6	247.6	240.1	232.6
-82.5°	195.1	202.6	202.6	202.6	202.6	202.6	202.6	202.6	195.1	187.5	180.0
-85°	127.5	135.0	135.0	142.5	150.0	150.0	157.5	150.0	142.5	127.5	120.0
-87.5°	67.5	67.5	67.5	67.5	67.5	67.5	67.5	60.0	60.0	60.0	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



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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°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	15.0	15.0	15.0
85°	15.0	15.0	15.0	15.0	22.5	22.5	22.5	30.0	30.0	30.0	30.0
82.5°	15.0	22.5	22.5	22.5	30.0	30.0	37.5	45.0	60.0	67.5	67.5
80°	15.0	22.5	22.5	22.5	30.0	30.0	37.5	37.5	45.0	52.5	67.5
77.5°	15.0	15.0	22.5	22.5	22.5	30.0	30.0	37.5	37.5	45.0	52.5
75°	7.5	15.0	15.0	15.0	22.5	22.5	30.0	30.0	37.5	37.5	45.0
72.5°	7.5	15.0	15.0	15.0	22.5	22.5	30.0	30.0	30.0	37.5	37.5
70°	7.5	15.0	15.0	15.0	15.0	22.5	22.5	22.5	30.0	30.0	30.0
67.5°	7.5	7.5	7.5	15.0	15.0	15.0	15.0	22.5	22.5	22.5	30.0
65°	7.5	7.5	7.5	7.5	15.0	15.0	15.0	15.0	22.5	22.5	22.5
62.5°	7.5	7.5	7.5	15.0	15.0	15.0	15.0	15.0	22.5	22.5	22.5
60°	30.0	30.0	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
57.5°	67.5	67.5	60.0	52.5	45.0	45.0	37.5	30.0	30.0	22.5	22.5
55°	112.5	105.0	97.5	82.5	75.0	67.5	60.0	45.0	37.5	30.0	22.5
52.5°	142.5	135.0	127.5	120.0	105.0	90.0	82.5	75.0	60.0	45.0	37.5
50°	210.1	187.5	172.5	157.5	142.5	127.5	112.5	105.0	82.5	67.5	52.5
47.5°	255.1	240.1	217.6	202.6	187.5	165.0	142.5	127.5	112.5	90.0	67.5
45°	292.6	277.6	255.1	240.1	225.1	202.6	180.0	157.5	142.5	120.0	90.0
42.5°	330.1	315.1	292.6	277.6	255.1	232.6	210.1	187.5	165.0	150.0	120.0
40°	382.6	360.1	330.1	315.1	300.1	270.1	240.1	217.6	195.1	172.5	142.5
37.5°	450.1	427.6	390.1	360.1	337.6	315.1	285.1	255.1	232.6	202.6	172.5
35°	555.1	517.6	465.1	420.1	390.1	360.1	322.6	292.6	262.6	232.6	202.6
32.5°	660.2	600.2	532.6	480.1	435.1	397.6	360.1	330.1	292.6	255.1	225.1
30°	742.7	675.2	607.7	532.6	480.1	435.1	397.6	360.1	322.6	285.1	247.6
27.5°	825.2	750.2	675.2	600.2	525.1	465.1	427.6	390.1	352.6	315.1	270.1
25°	907.7	825.2	750.2	667.7	577.7	510.1	457.6	427.6	390.1	345.1	292.6
22.5°	982.8	907.7	832.7	742.7	637.7	547.6	495.1	457.6	420.1	367.6	322.6
20°	1125.3	1027.8	937.7	825.2	705.2	615.2	547.6	495.1	450.1	397.6	345.1
17.5°	1312.8	1170.3	1050.3	922.7	802.7	690.2	592.7	532.6	487.6	427.6	367.6
15°	1552.9	1305.3	1155.3	1027.8	885.2	757.7	652.7	570.2	510.1	450.1	397.6
12.5°	1733.0	1410.4	1245.3	1125.3	975.3	832.7	697.7	600.2	532.6	472.6	412.6
10°	1935.5	1522.9	1320.4	1185.3	1027.8	870.2	727.7	622.7	547.6	495.1	435.1
7.5°	2100.6	1612.9	1357.9	1207.8	1057.8	900.2	757.7	645.2	570.2	510.1	450.1
5°	2250.6	1687.9	1387.9	1215.3	1072.8	922.7	772.7	660.2	585.2	525.1	465.1
2.5°	2355.6	1755.5	1417.9	1230.3	1087.8	937.7	795.2	675.2	600.2	540.1	480.1
0°	2445.7	1778.0	1410.4	1230.3	1095.3	937.7	802.7	682.7	607.7	547.6	487.6
-2.5°	2475.7	1815.5	1447.9	1245.3	1110.3	952.8	817.7	690.2	615.2	555.1	502.6
-5°	2475.7	1785.5	1447.9	1260.3	1117.8	960.3	817.7	697.7	622.7	562.6	502.6
-7.5°	2385.6	1740.5	1440.4	1275.3	1125.3	967.8	817.7	705.2	630.2	570.2	510.1
-10°	2228.1	1672.9	1432.9	1282.8	1125.3	960.3	817.7	705.2	630.2	570.2	517.6
-12.5°	1973.0	1582.9	1395.4	1267.8	1110.3	945.3	810.2	705.2	630.2	577.7	517.6
-15°	1845.5	1507.9	1350.4	1222.8	1072.8	922.7	795.2	697.7	630.2	577.7	525.1
-17.5°	1672.9	1447.9	1305.3	1177.8	1042.8	900.2	780.2	697.7	630.2	570.2	525.1
-20°	1552.9	1380.4	1252.8	1140.3	1005.3	877.7	772.7	690.2	630.2	570.2	525.1



REPORT NUMBER: P724266
 CATALOG NUMBER: IFLD-L-SA7E-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°	1447.9	1305.3	1192.8	1080.3	960.3	847.7	757.7	682.7	622.7	570.2	525.1
-25°	1365.4	1237.8	1132.8	1027.8	922.7	825.2	742.7	675.2	615.2	570.2	517.6
-27.5°	1290.3	1170.3	1072.8	975.3	877.7	802.7	727.7	667.7	615.2	562.6	510.1
-30°	1207.8	1110.3	1012.8	922.7	855.2	780.2	712.7	652.7	607.7	555.1	502.6
-32.5°	1125.3	1035.3	952.8	885.2	825.2	765.2	705.2	645.2	592.7	540.1	487.6
-35°	1050.3	967.8	907.7	847.7	802.7	750.2	690.2	630.2	585.2	532.6	487.6
-37.5°	975.3	915.2	862.7	817.7	772.7	727.7	667.7	615.2	570.2	517.6	465.1
-40°	915.2	870.2	832.7	795.2	750.2	697.7	652.7	600.2	555.1	502.6	442.6
-42.5°	877.7	840.2	802.7	765.2	727.7	682.7	637.7	585.2	540.1	487.6	427.6
-45°	840.2	810.2	780.2	750.2	712.7	667.7	615.2	562.6	517.6	465.1	420.1
-47.5°	817.7	787.7	757.7	735.2	705.2	645.2	600.2	547.6	495.1	450.1	397.6
-50°	795.2	765.2	742.7	712.7	675.2	622.7	577.7	525.1	480.1	427.6	382.6
-52.5°	772.7	742.7	712.7	682.7	645.2	600.2	555.1	510.1	457.6	405.1	360.1
-55°	750.2	720.2	690.2	660.2	622.7	585.2	540.1	480.1	427.6	375.1	330.1
-57.5°	727.7	705.2	667.7	630.2	592.7	555.1	502.6	450.1	397.6	345.1	307.6
-60°	697.7	667.7	637.7	592.7	555.1	510.1	465.1	420.1	367.6	322.6	285.1
-62.5°	652.7	622.7	592.7	547.6	510.1	472.6	435.1	382.6	345.1	300.1	262.6
-65°	600.2	570.2	540.1	502.6	465.1	427.6	397.6	352.6	315.1	277.6	247.6
-67.5°	540.1	510.1	487.6	450.1	420.1	382.6	352.6	315.1	277.6	247.6	217.6
-70°	465.1	442.6	420.1	390.1	360.1	330.1	300.1	270.1	240.1	217.6	187.5
-72.5°	397.6	375.1	352.6	330.1	307.6	277.6	255.1	232.6	210.1	187.5	172.5
-75°	322.6	307.6	292.6	277.6	255.1	232.6	217.6	195.1	180.0	165.0	157.5
-77.5°	270.1	255.1	240.1	225.1	210.1	195.1	180.0	165.0	157.5	150.0	142.5
-80°	217.6	210.1	202.6	187.5	180.0	165.0	157.5	142.5	142.5	142.5	142.5
-82.5°	172.5	165.0	157.5	150.0	142.5	135.0	135.0	127.5	135.0	135.0	127.5
-85°	120.0	112.5	105.0	105.0	97.5	97.5	90.0	90.0	90.0	82.5	82.5
-87.5°	52.5	52.5	52.5	52.5	45.0	45.0	45.0	45.0	45.0	37.5	37.5
-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: P724266
 CATALOG NUMBER: IFLD-L-SA7E-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°	15.0	15.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	0.0	0.0
85°	30.0	30.0	22.5	22.5	22.5	15.0	15.0	7.5	7.5	7.5	7.5
82.5°	67.5	60.0	52.5	45.0	37.5	30.0	22.5	15.0	15.0	7.5	7.5
80°	82.5	82.5	82.5	75.0	60.0	45.0	30.0	22.5	15.0	7.5	7.5
77.5°	60.0	60.0	67.5	75.0	75.0	60.0	37.5	22.5	15.0	15.0	7.5
75°	45.0	45.0	45.0	52.5	60.0	60.0	45.0	30.0	15.0	15.0	7.5
72.5°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	30.0	22.5	15.0	15.0
70°	37.5	37.5	37.5	37.5	37.5	37.5	37.5	30.0	22.5	15.0	15.0
67.5°	30.0	30.0	37.5	37.5	37.5	30.0	30.0	30.0	22.5	15.0	15.0
65°	22.5	30.0	30.0	37.5	30.0	30.0	30.0	22.5	22.5	15.0	15.0
62.5°	22.5	22.5	30.0	30.0	30.0	30.0	22.5	22.5	22.5	15.0	15.0
60°	22.5	22.5	22.5	30.0	22.5	22.5	22.5	22.5	22.5	15.0	15.0
57.5°	22.5	22.5	22.5	22.5	22.5	22.5	22.5	15.0	15.0	15.0	15.0
55°	22.5	22.5	22.5	22.5	22.5	22.5	15.0	15.0	15.0	15.0	15.0
52.5°	30.0	22.5	22.5	22.5	22.5	22.5	15.0	15.0	15.0	15.0	15.0
50°	37.5	22.5	22.5	22.5	22.5	15.0	15.0	15.0	15.0	15.0	15.0
47.5°	52.5	37.5	30.0	22.5	22.5	15.0	15.0	15.0	15.0	15.0	7.5
45°	75.0	52.5	37.5	30.0	22.5	15.0	15.0	15.0	15.0	15.0	7.5
42.5°	90.0	67.5	45.0	37.5	30.0	22.5	15.0	15.0	15.0	7.5	7.5
40°	112.5	90.0	60.0	45.0	30.0	22.5	15.0	15.0	15.0	7.5	7.5
37.5°	142.5	112.5	75.0	52.5	37.5	22.5	22.5	15.0	15.0	7.5	7.5
35°	165.0	127.5	97.5	60.0	45.0	30.0	22.5	15.0	15.0	7.5	7.5
32.5°	187.5	150.0	120.0	75.0	52.5	37.5	30.0	15.0	15.0	7.5	7.5
30°	210.1	172.5	135.0	97.5	67.5	45.0	30.0	15.0	15.0	7.5	7.5
27.5°	232.6	187.5	150.0	112.5	75.0	52.5	37.5	22.5	15.0	7.5	7.5
25°	255.1	210.1	165.0	127.5	82.5	60.0	37.5	22.5	15.0	15.0	7.5
22.5°	270.1	232.6	187.5	142.5	97.5	67.5	45.0	30.0	15.0	15.0	7.5
20°	292.6	255.1	202.6	157.5	112.5	75.0	45.0	30.0	15.0	15.0	7.5
17.5°	315.1	270.1	217.6	172.5	127.5	82.5	52.5	37.5	15.0	15.0	7.5
15°	337.6	285.1	232.6	180.0	135.0	90.0	52.5	37.5	15.0	15.0	7.5
12.5°	360.1	307.6	247.6	195.1	142.5	97.5	60.0	45.0	22.5	15.0	7.5
10°	375.1	322.6	262.6	202.6	150.0	112.5	67.5	45.0	22.5	15.0	7.5
7.5°	397.6	337.6	277.6	217.6	157.5	120.0	75.0	45.0	22.5	15.0	7.5
5°	405.1	352.6	285.1	232.6	165.0	127.5	82.5	52.5	22.5	15.0	7.5
2.5°	412.6	367.6	292.6	240.1	172.5	127.5	82.5	52.5	30.0	15.0	7.5
0°	420.1	375.1	300.1	247.6	180.0	135.0	90.0	52.5	30.0	15.0	7.5
-2.5°	427.6	382.6	315.1	255.1	187.5	142.5	97.5	52.5	30.0	15.0	7.5
-5°	435.1	382.6	330.1	262.6	195.1	142.5	97.5	60.0	37.5	15.0	7.5
-7.5°	442.6	390.1	337.6	270.1	202.6	142.5	105.0	60.0	37.5	22.5	7.5
-10°	450.1	397.6	345.1	277.6	202.6	150.0	105.0	60.0	37.5	22.5	7.5
-12.5°	457.6	405.1	345.1	277.6	210.1	150.0	105.0	67.5	37.5	22.5	7.5
-15°	465.1	405.1	345.1	277.6	210.1	157.5	112.5	67.5	37.5	22.5	15.0
-17.5°	465.1	405.1	345.1	285.1	210.1	157.5	112.5	67.5	37.5	22.5	15.0
-20°	465.1	405.1	345.1	285.1	210.1	157.5	112.5	67.5	37.5	22.5	15.0



REPORT NUMBER: P724266
 CATALOG NUMBER: IFLD-L-SA7E-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°	457.6	397.6	345.1	277.6	210.1	157.5	112.5	67.5	45.0	22.5	15.0
-25°	457.6	397.6	345.1	277.6	210.1	157.5	105.0	67.5	45.0	22.5	15.0
-27.5°	450.1	397.6	337.6	270.1	202.6	150.0	105.0	67.5	45.0	22.5	15.0
-30°	442.6	390.1	330.1	262.6	202.6	150.0	105.0	67.5	45.0	22.5	15.0
-32.5°	435.1	375.1	322.6	255.1	195.1	142.5	105.0	67.5	45.0	22.5	15.0
-35°	420.1	367.6	307.6	247.6	187.5	142.5	97.5	67.5	45.0	30.0	15.0
-37.5°	405.1	352.6	300.1	240.1	180.0	135.0	97.5	67.5	45.0	30.0	15.0
-40°	390.1	345.1	285.1	225.1	172.5	127.5	97.5	67.5	45.0	30.0	22.5
-42.5°	375.1	330.1	277.6	217.6	172.5	127.5	90.0	67.5	45.0	30.0	22.5
-45°	367.6	322.6	262.6	210.1	165.0	127.5	90.0	60.0	45.0	30.0	22.5
-47.5°	352.6	300.1	247.6	202.6	157.5	120.0	82.5	60.0	45.0	30.0	22.5
-50°	330.1	285.1	240.1	195.1	150.0	112.5	82.5	60.0	45.0	30.0	22.5
-52.5°	307.6	262.6	225.1	180.0	142.5	112.5	82.5	60.0	45.0	30.0	22.5
-55°	285.1	247.6	210.1	172.5	135.0	105.0	75.0	60.0	45.0	30.0	22.5
-57.5°	270.1	232.6	195.1	157.5	127.5	97.5	75.0	52.5	37.5	30.0	22.5
-60°	255.1	217.6	180.0	150.0	120.0	97.5	75.0	52.5	37.5	30.0	15.0
-62.5°	232.6	202.6	165.0	142.5	112.5	90.0	67.5	52.5	37.5	30.0	15.0
-65°	210.1	180.0	150.0	127.5	105.0	82.5	67.5	52.5	37.5	30.0	15.0
-67.5°	187.5	165.0	142.5	120.0	97.5	82.5	67.5	52.5	37.5	22.5	15.0
-70°	172.5	150.0	127.5	112.5	97.5	75.0	67.5	52.5	37.5	22.5	15.0
-72.5°	150.0	135.0	120.0	105.0	90.0	82.5	67.5	52.5	30.0	22.5	15.0
-75°	142.5	127.5	112.5	105.0	97.5	82.5	67.5	45.0	30.0	22.5	15.0
-77.5°	142.5	127.5	120.0	112.5	97.5	82.5	60.0	37.5	22.5	22.5	15.0
-80°	142.5	135.0	127.5	105.0	90.0	67.5	45.0	37.5	22.5	15.0	7.5
-82.5°	127.5	105.0	90.0	75.0	67.5	52.5	37.5	30.0	15.0	15.0	7.5
-85°	82.5	67.5	60.0	52.5	45.0	37.5	22.5	15.0	15.0	7.5	7.5
-87.5°	37.5	37.5	30.0	22.5	22.5	15.0	15.0	7.5	7.5	7.5	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: P724266
 CATALOG NUMBER: IFLD-L-SA7E-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°	7.5	0.0	0.0	0.0
77.5°	7.5	0.0	0.0	0.0
75°	7.5	7.5	0.0	0.0
72.5°	7.5	7.5	0.0	0.0
70°	7.5	7.5	0.0	0.0
67.5°	7.5	7.5	0.0	0.0
65°	7.5	7.5	0.0	0.0
62.5°	7.5	7.5	0.0	0.0
60°	7.5	7.5	0.0	0.0
57.5°	7.5	7.5	7.5	0.0
55°	7.5	7.5	7.5	0.0
52.5°	7.5	7.5	7.5	0.0
50°	7.5	7.5	7.5	0.0
47.5°	7.5	7.5	7.5	0.0
45°	7.5	7.5	7.5	0.0
42.5°	7.5	7.5	7.5	0.0
40°	7.5	7.5	7.5	0.0
37.5°	7.5	7.5	7.5	0.0
35°	7.5	7.5	7.5	0.0
32.5°	7.5	7.5	7.5	0.0
30°	7.5	7.5	7.5	0.0
27.5°	7.5	7.5	7.5	0.0
25°	7.5	7.5	7.5	0.0
22.5°	7.5	7.5	7.5	0.0
20°	7.5	7.5	7.5	0.0
17.5°	7.5	7.5	7.5	0.0
15°	7.5	7.5	7.5	0.0
12.5°	7.5	7.5	7.5	0.0
10°	7.5	7.5	7.5	0.0
7.5°	7.5	7.5	7.5	0.0
5°	7.5	7.5	7.5	0.0
2.5°	7.5	7.5	7.5	0.0
0°	7.5	7.5	7.5	0.0
-2.5°	7.5	7.5	7.5	0.0
-5°	7.5	7.5	7.5	0.0
-7.5°	7.5	7.5	7.5	0.0
-10°	7.5	7.5	7.5	0.0
-12.5°	7.5	7.5	7.5	0.0
-15°	7.5	7.5	7.5	0.0
-17.5°	7.5	7.5	7.5	0.0
-20°	7.5	7.5	7.5	0.0



REPORT NUMBER: P724266
 CATALOG NUMBER: IFLD-L-SA7E-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	7.5	7.5	7.5	0.0
-25°	7.5	7.5	7.5	0.0
-27.5°	7.5	7.5	7.5	0.0
-30°	7.5	7.5	7.5	0.0
-32.5°	7.5	7.5	7.5	0.0
-35°	7.5	7.5	7.5	0.0
-37.5°	7.5	7.5	7.5	0.0
-40°	7.5	7.5	7.5	0.0
-42.5°	7.5	7.5	7.5	0.0
-45°	7.5	7.5	7.5	0.0
-47.5°	7.5	7.5	7.5	0.0
-50°	7.5	7.5	7.5	0.0
-52.5°	7.5	7.5	7.5	0.0
-55°	7.5	7.5	7.5	0.0
-57.5°	7.5	7.5	7.5	0.0
-60°	7.5	7.5	0.0	0.0
-62.5°	7.5	7.5	0.0	0.0
-65°	7.5	7.5	0.0	0.0
-67.5°	7.5	7.5	0.0	0.0
-70°	7.5	7.5	0.0	0.0
-72.5°	7.5	7.5	0.0	0.0
-75°	7.5	7.5	0.0	0.0
-77.5°	7.5	0.0	0.0	0.0
-80°	7.5	0.0	0.0	0.0
-82.5°	7.5	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)