

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: P724256

Luminaire Tested: **IFLD-S-SA6E-830-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724256
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-830-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (96) 3000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

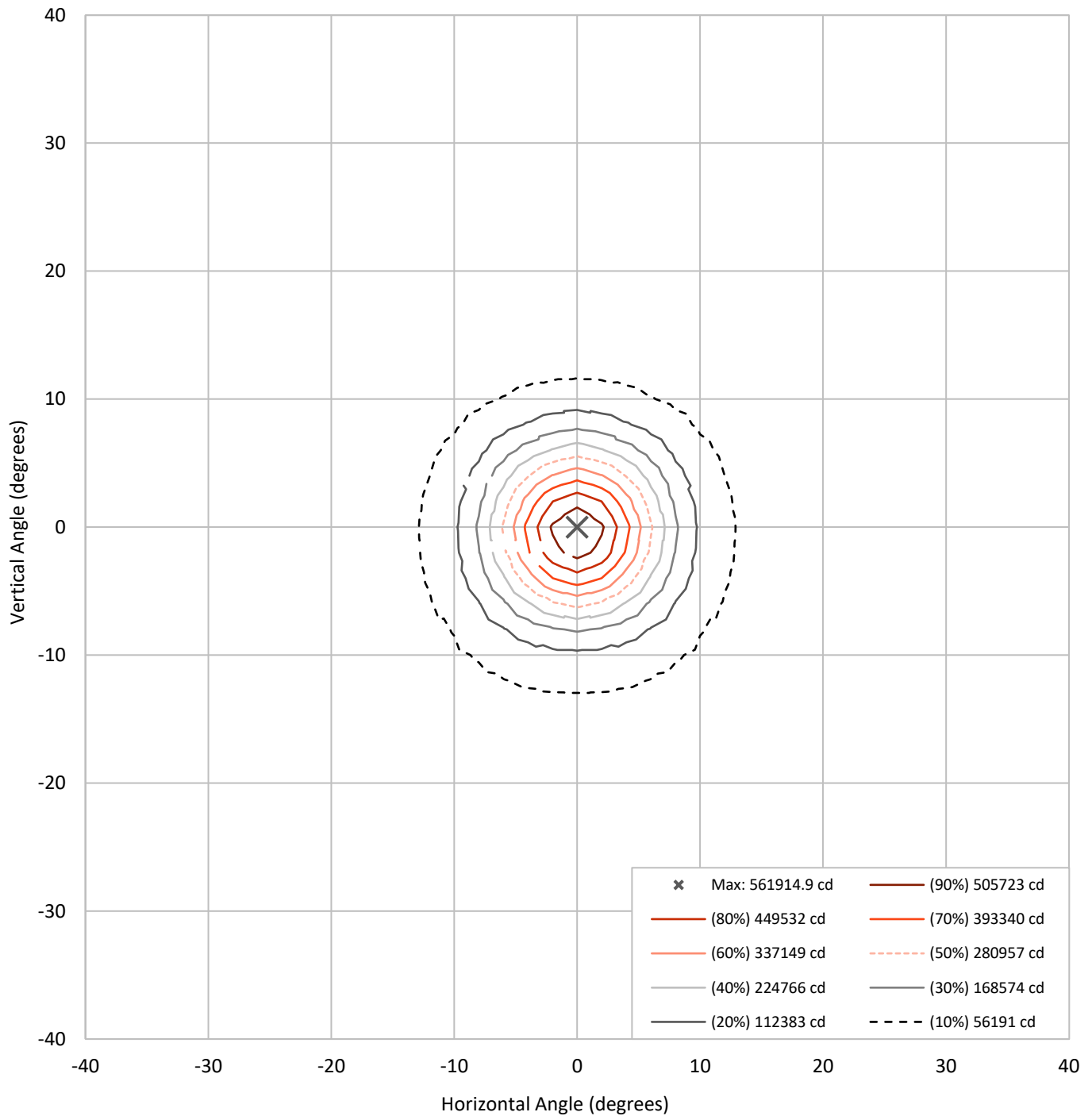
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	39250 lumens	Max Intensity:	561914.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	84.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	12279.2 lumens	Field Lumens:	27939.6 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 464.2
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





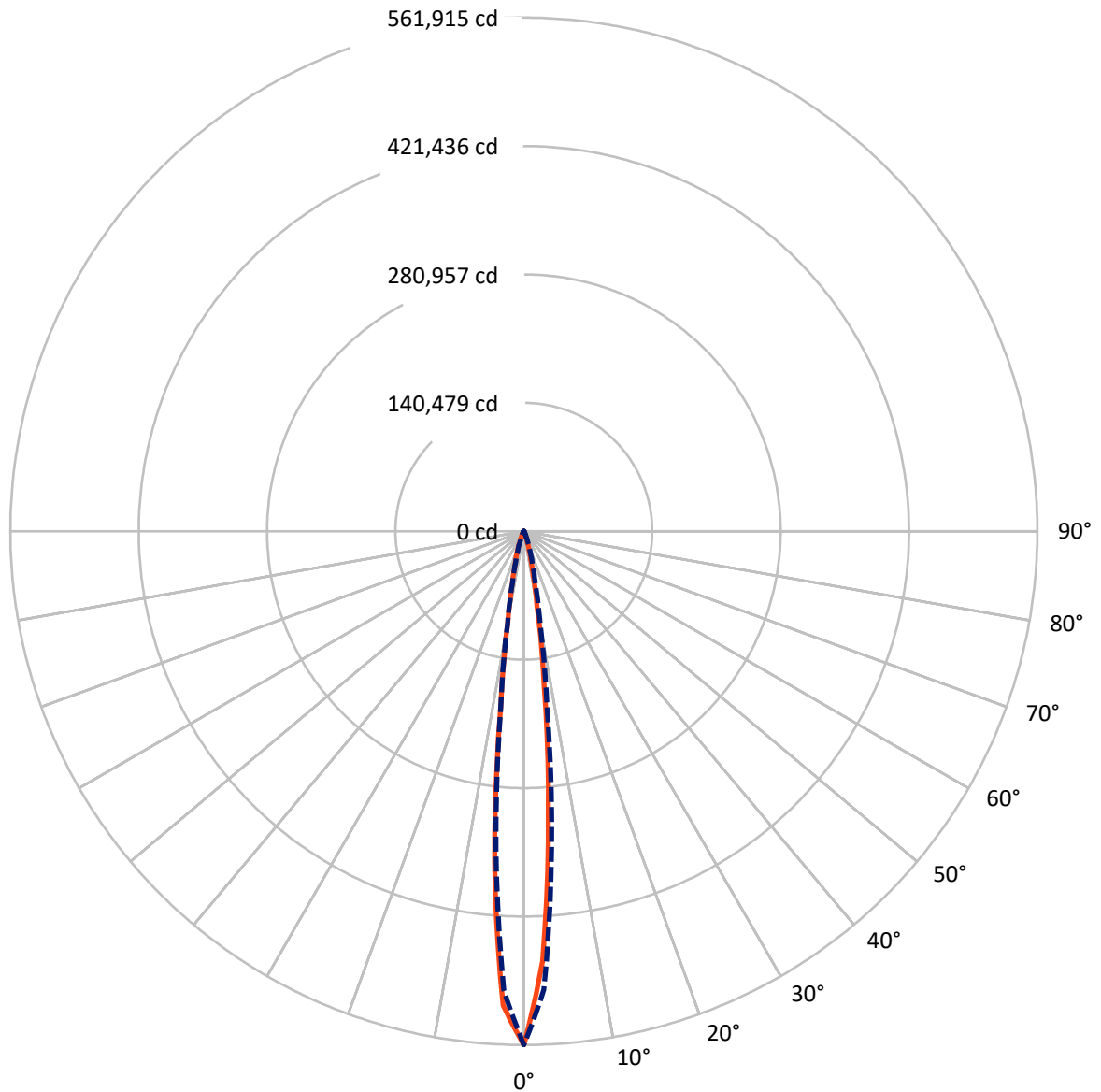
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Lumen Table

90	0.3	2.3		2.0		0.9		0.1		0.9		2.0		2.3		0.3			
80	0.3	2.3		2.0		0.9		0.1		0.9		2.0		2.3		0.3			
70	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.3	0.3	0.3	0.4	0.4	0.4	0.3			
60		0.3	0.4	1.1	2.0	3.0	3.8	4.3	4.3	3.8	3.0	2.0	1.1	0.4	0.3				
50	0.2	0.3	1.3	3.2	5.6	7.9	10.4	12.3	12.3	10.4	7.9	5.6	3.2	1.3	0.3	0.2			
40		0.6	2.7	5.9	10.0	15.8	23.9	28.5	28.5	23.9	15.8	10.0	5.9	2.7	0.6				
30	0.4	1.2	4.2	8.6	15.8	27.2	52.4	84.5	84.5	52.4	27.2	15.8	8.6	4.2	1.2	0.4			
20		1.7	5.6	11.8	23.9	59.2	309.2	782.3	782.3	309.2	59.2	23.9	11.8	5.6	1.7				
10	0.6	2.2	6.7	13.9	29.1	120.2	995.9	6137.3	6137.3	995.9	120.2	29.1	13.9	6.7	2.2	0.6			
0		2.5	7.3	14.7	30.4	137.0	1095.9	6758.8	6758.8	1095.9	137.0	30.4	14.7	7.3	2.5				
-10	0.8	2.7	7.6	14.6	28.5	82.1	491.9	1185.4	1185.4	491.9	82.1	28.5	14.6	7.6	2.7	0.8			
-20		2.7	7.5	13.8	24.1	41.8	101.6	191.0	191.0	101.6	41.8	24.1	13.8	7.5	2.7				
-30	0.8	2.4	7.0	12.8	20.1	29.7	42.0	49.3	49.3	42.0	29.7	20.1	12.8	7.0	2.4	0.8			
-40		2.1	6.0	11.5	17.5	23.1	29.2	32.4	32.4	29.2	23.1	17.5	11.5	6.0	2.1				
-50	0.7	1.7	4.8	9.7	15.3	20.2	24.8	27.0	27.0	24.8	20.2	15.3	9.7	4.8	1.7	0.7			
-60		1.3	3.5	7.1	11.7	16.1	20.3	22.5	22.5	20.3	16.1	11.7	7.1	3.5	1.3				
-70	0.4	1.3	3.5	7.1	11.7	16.1	20.3	22.5	22.5	20.3	16.1	11.7	7.1	3.5	1.3	0.4			
-80		0.4	5.3		14.7		27.1		32.7		27.1		14.7		5.3				
-90	0.4	5.3		14.7		27.1		32.7		27.1		14.7		5.3		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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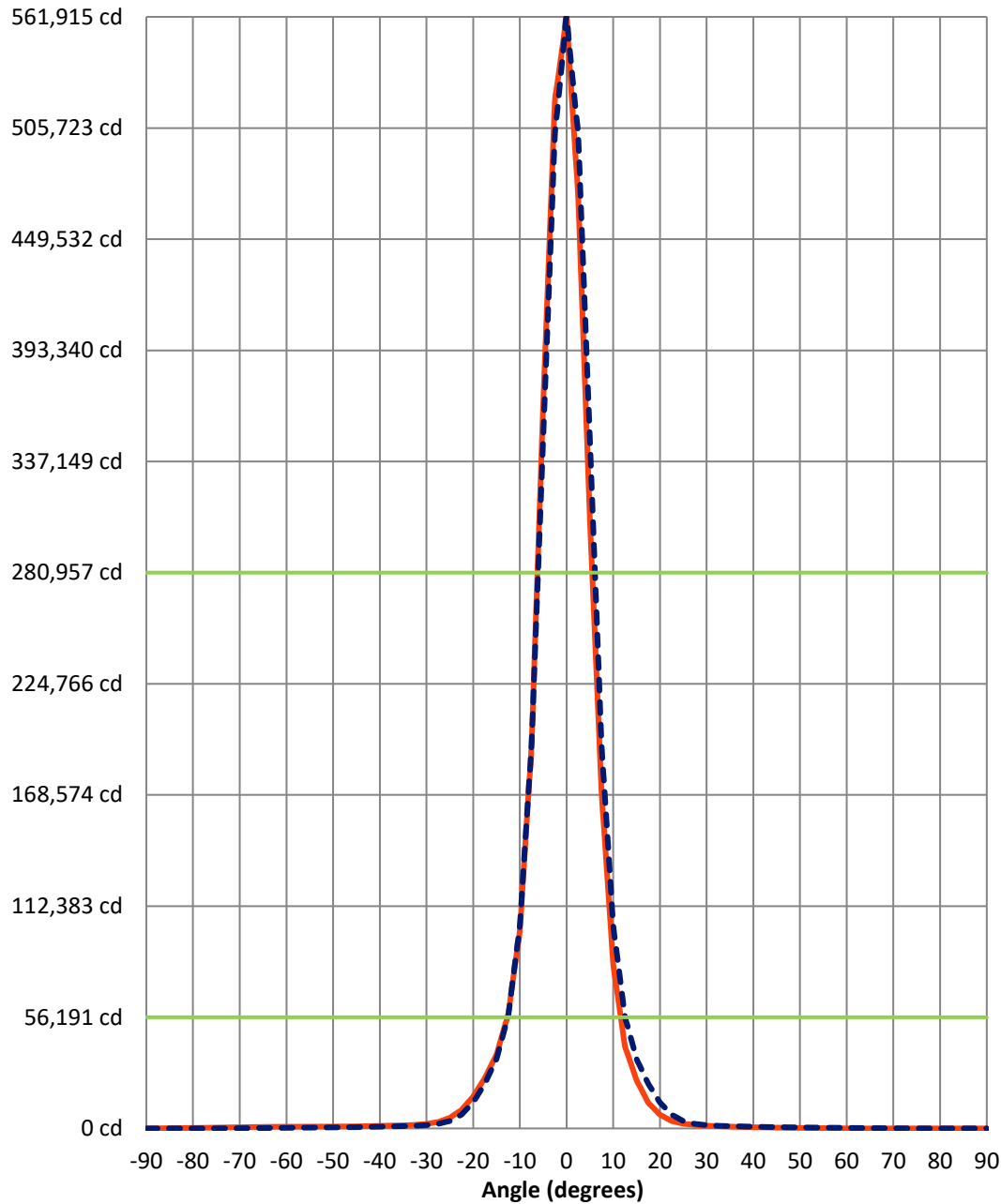
Luminous Intensity Polar Plot



— 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: 12279.2
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 27939.6
 Efficiency: 71.2%

Spill:
 Lumens: 11310.4
 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	7.0	7.0
85°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	14.1	14.1
82.5°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	14.1	14.1	14.1
80°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	14.1	14.1	14.1
77.5°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	7.0	14.1
75°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
72.5°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
70°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
67.5°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
65°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
62.5°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
60°	14.1	14.1	14.1	14.1	21.1	21.1	28.1	28.1	28.1	14.1	28.1
57.5°	112.5	112.5	105.5	98.4	91.4	84.4	84.4	84.4	84.4	84.4	70.3
55°	154.7	154.7	154.7	147.7	147.7	140.6	133.6	126.6	126.6	119.5	112.5
52.5°	182.8	182.8	182.8	182.8	175.8	175.8	175.8	168.8	154.7	154.7	147.7
50°	260.2	253.1	253.1	253.1	253.1	239.1	232.0	218.0	211.0	203.9	196.9
47.5°	337.5	337.5	330.5	330.5	323.5	309.4	295.3	281.3	267.2	260.2	246.1
45°	400.8	400.8	393.8	393.8	386.7	372.7	351.6	330.5	316.4	302.4	288.3
42.5°	492.2	485.2	478.2	471.1	457.1	436.0	407.8	379.7	358.6	337.5	323.5
40°	590.7	590.7	583.6	576.6	555.5	534.4	499.3	464.1	428.9	386.7	365.7
37.5°	710.2	717.2	724.3	724.3	710.2	682.1	632.9	590.7	534.4	478.2	450.0
35°	928.2	928.2	942.3	942.3	921.2	886.0	850.8	759.4	689.1	618.8	555.5
32.5°	1167.3	1174.3	1146.2	1125.1	1097.0	1054.8	991.5	914.1	836.8	745.4	675.0
30°	1399.3	1399.3	1364.2	1322.0	1265.7	1195.4	1118.0	1033.7	942.3	850.8	766.5
27.5°	1765.0	1729.8	1701.7	1631.4	1532.9	1399.3	1300.9	1167.3	1047.7	942.3	850.8
25°	2369.7	2362.7	2299.4	2179.8	1983.0	1772.0	1610.3	1385.3	1202.4	1040.7	935.2
22.5°	3769.0	3719.8	3572.1	3276.8	2812.7	2447.1	2116.6	1765.0	1434.5	1216.5	1047.7
20°	6968.5	6806.7	6413.0	5597.3	4556.6	3839.3	3016.6	2426.0	1870.4	1462.6	1209.5
17.5°	13001.7	12896.2	12748.6	10864.1	8747.5	7228.6	5379.3	3719.8	2658.0	1912.6	1434.5
15°	24372.1	23591.6	21960.2	19703.0	16742.6	12938.4	9514.0	6005.1	3797.2	2545.5	1821.2
12.5°	41663.2	40798.3	36586.2	30939.7	25616.7	20202.2	14183.1	9127.2	5407.4	3234.6	2158.8
10°	83016.9	76737.6	64945.3	48469.9	37830.9	28211.4	19913.9	12453.2	7038.8	4085.5	2559.6
7.5°	170035.0	149516.3	115215.4	81336.4	52646.8	37001.1	25433.9	16285.6	9380.4	5112.1	2925.2
5°	308180.9	271777.5	204750.8	123287.8	76449.3	46374.5	30180.3	19365.5	11103.1	5948.9	3290.9
2.5°	470572.4	423480.7	296016.0	169528.7	94267.8	53631.2	33499.3	21390.6	12200.1	6518.4	3572.1
0°	561914.9	501934.0	348606.5	194090.6	102755.1	56711.1	35123.6	22607.1	13128.3	6982.5	3755.0
-2.5°	519070.4	470783.3	320374.0	180294.3	98191.5	55361.0	35355.7	22909.5	13283.0	7109.1	3839.3
-5°	365841.3	326210.3	221676.2	133047.9	83312.3	50994.3	33358.7	21770.3	12854.1	6926.3	3804.2
-7.5°	193549.2	175618.2	131465.8	95603.8	60810.7	43160.9	30032.6	19752.2	11743.0	6434.1	3593.2
-10°	99998.6	96321.0	83002.9	62568.6	49208.3	36157.3	25630.8	16890.3	9816.3	5541.0	3234.6
-12.5°	57653.4	57027.6	52745.2	45277.5	37732.4	29702.2	21032.0	13775.2	8192.0	4591.7	2728.3
-15°	37331.6	37598.8	36108.1	33000.0	28703.6	22227.4	16159.0	10245.3	6061.4	3719.8	2404.9
-17.5°	25476.1	25405.7	24709.6	22579.0	19119.4	15012.8	10709.4	7235.7	4591.7	2897.1	1997.0
-20°	16116.8	16144.9	15498.0	14028.4	11482.9	9253.8	6666.1	4880.0	3255.7	2278.3	1765.0



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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°	9352.2	9373.3	8965.5	8135.7	6799.7	5484.8	4331.6	3227.6	2397.8	1898.6	1547.0
-25°	5372.3	5287.9	5126.2	4725.3	4099.5	3382.3	2876.0	2271.3	1919.7	1610.3	1413.4
-27.5°	3255.7	3199.5	3115.1	2939.3	2693.2	2334.5	2102.5	1835.3	1631.4	1448.5	1329.0
-30°	2271.3	2292.4	2222.0	2130.6	2018.1	1856.4	1729.8	1603.2	1469.6	1357.1	1244.6
-32.5°	1807.2	1821.2	1786.1	1750.9	1694.7	1631.4	1554.0	1462.6	1357.1	1251.7	1146.2
-35°	1554.0	1561.1	1561.1	1554.0	1540.0	1490.7	1434.5	1350.1	1251.7	1153.2	1061.8
-37.5°	1427.4	1434.5	1434.5	1427.4	1406.4	1364.2	1307.9	1237.6	1146.2	1054.8	984.4
-40°	1293.8	1300.9	1293.8	1279.8	1258.7	1216.5	1174.3	1118.0	1047.7	970.4	907.1
-42.5°	1167.3	1160.2	1153.2	1139.1	1118.0	1089.9	1054.8	1012.6	963.4	907.1	857.9
-45°	1047.7	1047.7	1040.7	1033.7	1019.6	998.5	977.4	942.3	907.1	864.9	822.7
-47.5°	984.4	984.4	977.4	970.4	963.4	949.3	928.2	900.1	871.9	836.8	801.6
-50°	942.3	942.3	942.3	935.2	928.2	914.1	893.0	871.9	843.8	808.7	773.5
-52.5°	914.1	914.1	914.1	907.1	900.1	893.0	871.9	843.8	808.7	780.5	752.4
-55°	900.1	893.0	893.0	886.0	879.0	871.9	843.8	815.7	787.6	759.4	731.3
-57.5°	879.0	871.9	871.9	864.9	857.9	850.8	822.7	794.6	766.5	731.3	710.2
-60°	857.9	850.8	850.8	836.8	829.7	822.7	794.6	766.5	738.3	710.2	682.1
-62.5°	829.7	822.7	815.7	808.7	794.6	780.5	759.4	731.3	696.1	668.0	639.9
-65°	766.5	759.4	752.4	745.4	738.3	731.3	710.2	675.0	646.9	618.8	590.7
-67.5°	689.1	689.1	689.1	675.0	668.0	654.0	639.9	611.8	583.6	555.5	534.4
-70°	597.7	597.7	597.7	583.6	576.6	569.6	548.5	527.4	506.3	485.2	457.1
-72.5°	506.3	499.3	499.3	492.2	478.2	471.1	457.1	443.0	421.9	407.8	386.7
-75°	414.9	407.8	407.8	400.8	393.8	386.7	372.7	365.7	351.6	337.5	316.4
-77.5°	330.5	330.5	330.5	323.5	316.4	309.4	302.4	295.3	288.3	274.2	260.2
-80°	253.1	253.1	253.1	253.1	253.1	253.1	253.1	246.1	232.0	225.0	218.0
-82.5°	182.8	189.9	189.9	189.9	189.9	189.9	189.9	189.9	182.8	175.8	168.8
-85°	119.5	126.6	126.6	133.6	140.6	140.6	147.7	140.6	133.6	119.5	112.5
-87.5°	63.3	63.3	63.3	63.3	63.3	63.3	63.3	56.3	56.3	56.3	49.2
-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°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	14.1	14.1	14.1
85°	14.1	14.1	14.1	14.1	21.1	21.1	21.1	28.1	28.1	28.1	28.1
82.5°	14.1	21.1	21.1	21.1	28.1	28.1	35.2	42.2	56.3	63.3	63.3
80°	14.1	21.1	21.1	21.1	28.1	28.1	35.2	35.2	42.2	49.2	63.3
77.5°	14.1	14.1	21.1	21.1	21.1	28.1	28.1	35.2	35.2	42.2	49.2
75°	7.0	14.1	14.1	14.1	21.1	21.1	28.1	28.1	35.2	35.2	42.2
72.5°	7.0	14.1	14.1	14.1	21.1	21.1	28.1	28.1	28.1	35.2	35.2
70°	7.0	14.1	14.1	14.1	14.1	21.1	21.1	21.1	28.1	28.1	28.1
67.5°	7.0	7.0	7.0	14.1	14.1	14.1	14.1	21.1	21.1	21.1	28.1
65°	7.0	7.0	7.0	7.0	14.1	14.1	14.1	14.1	21.1	21.1	21.1
62.5°	7.0	7.0	7.0	14.1	14.1	14.1	14.1	14.1	21.1	21.1	21.1
60°	28.1	28.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
57.5°	63.3	63.3	56.3	49.2	42.2	42.2	35.2	28.1	28.1	21.1	21.1
55°	105.5	98.4	91.4	77.3	70.3	63.3	56.3	42.2	35.2	28.1	21.1
52.5°	133.6	126.6	119.5	112.5	98.4	84.4	77.3	70.3	56.3	42.2	35.2
50°	196.9	175.8	161.7	147.7	133.6	119.5	105.5	98.4	77.3	63.3	49.2
47.5°	239.1	225.0	203.9	189.9	175.8	154.7	133.6	119.5	105.5	84.4	63.3
45°	274.2	260.2	239.1	225.0	211.0	189.9	168.8	147.7	133.6	112.5	84.4
42.5°	309.4	295.3	274.2	260.2	239.1	218.0	196.9	175.8	154.7	140.6	112.5
40°	358.6	337.5	309.4	295.3	281.3	253.1	225.0	203.9	182.8	161.7	133.6
37.5°	421.9	400.8	365.7	337.5	316.4	295.3	267.2	239.1	218.0	189.9	161.7
35°	520.4	485.2	436.0	393.8	365.7	337.5	302.4	274.2	246.1	218.0	189.9
32.5°	618.8	562.5	499.3	450.0	407.8	372.7	337.5	309.4	274.2	239.1	211.0
30°	696.1	632.9	569.6	499.3	450.0	407.8	372.7	337.5	302.4	267.2	232.0
27.5°	773.5	703.2	632.9	562.5	492.2	436.0	400.8	365.7	330.5	295.3	253.1
25°	850.8	773.5	703.2	625.8	541.4	478.2	428.9	400.8	365.7	323.5	274.2
22.5°	921.2	850.8	780.5	696.1	597.7	513.3	464.1	428.9	393.8	344.6	302.4
20°	1054.8	963.4	879.0	773.5	661.0	576.6	513.3	464.1	421.9	372.7	323.5
17.5°	1230.6	1097.0	984.4	864.9	752.4	646.9	555.5	499.3	457.1	400.8	344.6
15°	1455.6	1223.5	1082.9	963.4	829.7	710.2	611.8	534.4	478.2	421.9	372.7
12.5°	1624.3	1322.0	1167.3	1054.8	914.1	780.5	654.0	562.5	499.3	443.0	386.7
10°	1814.2	1427.4	1237.6	1111.0	963.4	815.7	682.1	583.6	513.3	464.1	407.8
7.5°	1968.9	1511.8	1272.7	1132.1	991.5	843.8	710.2	604.7	534.4	478.2	421.9
5°	2109.5	1582.1	1300.9	1139.1	1005.5	864.9	724.3	618.8	548.5	492.2	436.0
2.5°	2208.0	1645.4	1329.0	1153.2	1019.6	879.0	745.4	632.9	562.5	506.3	450.0
0°	2292.4	1666.5	1322.0	1153.2	1026.6	879.0	752.4	639.9	569.6	513.3	457.1
-2.5°	2320.5	1701.7	1357.1	1167.3	1040.7	893.0	766.5	646.9	576.6	520.4	471.1
-5°	2320.5	1673.6	1357.1	1181.3	1047.7	900.1	766.5	654.0	583.6	527.4	471.1
-7.5°	2236.1	1631.4	1350.1	1195.4	1054.8	907.1	766.5	661.0	590.7	534.4	478.2
-10°	2088.4	1568.1	1343.1	1202.4	1054.8	900.1	766.5	661.0	590.7	534.4	485.2
-12.5°	1849.4	1483.7	1307.9	1188.4	1040.7	886.0	759.4	661.0	590.7	541.4	485.2
-15°	1729.8	1413.4	1265.7	1146.2	1005.5	864.9	745.4	654.0	590.7	541.4	492.2
-17.5°	1568.1	1357.1	1223.5	1104.0	977.4	843.8	731.3	654.0	590.7	534.4	492.2
-20°	1455.6	1293.8	1174.3	1068.8	942.3	822.7	724.3	646.9	590.7	534.4	492.2



REPORT NUMBER: P724256

CATALOG NUMBER: IFLD-S-SA6E-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°	1357.1	1223.5	1118.0	1012.6	900.1	794.6	710.2	639.9	583.6	534.4	492.2
-25°	1279.8	1160.2	1061.8	963.4	864.9	773.5	696.1	632.9	576.6	534.4	485.2
-27.5°	1209.5	1097.0	1005.5	914.1	822.7	752.4	682.1	625.8	576.6	527.4	478.2
-30°	1132.1	1040.7	949.3	864.9	801.6	731.3	668.0	611.8	569.6	520.4	471.1
-32.5°	1054.8	970.4	893.0	829.7	773.5	717.2	661.0	604.7	555.5	506.3	457.1
-35°	984.4	907.1	850.8	794.6	752.4	703.2	646.9	590.7	548.5	499.3	457.1
-37.5°	914.1	857.9	808.7	766.5	724.3	682.1	625.8	576.6	534.4	485.2	436.0
-40°	857.9	815.7	780.5	745.4	703.2	654.0	611.8	562.5	520.4	471.1	414.9
-42.5°	822.7	787.6	752.4	717.2	682.1	639.9	597.7	548.5	506.3	457.1	400.8
-45°	787.6	759.4	731.3	703.2	668.0	625.8	576.6	527.4	485.2	436.0	393.8
-47.5°	766.5	738.3	710.2	689.1	661.0	604.7	562.5	513.3	464.1	421.9	372.7
-50°	745.4	717.2	696.1	668.0	632.9	583.6	541.4	492.2	450.0	400.8	358.6
-52.5°	724.3	696.1	668.0	639.9	604.7	562.5	520.4	478.2	428.9	379.7	337.5
-55°	703.2	675.0	646.9	618.8	583.6	548.5	506.3	450.0	400.8	351.6	309.4
-57.5°	682.1	661.0	625.8	590.7	555.5	520.4	471.1	421.9	372.7	323.5	288.3
-60°	654.0	625.8	597.7	555.5	520.4	478.2	436.0	393.8	344.6	302.4	267.2
-62.5°	611.8	583.6	555.5	513.3	478.2	443.0	407.8	358.6	323.5	281.3	246.1
-65°	562.5	534.4	506.3	471.1	436.0	400.8	372.7	330.5	295.3	260.2	232.0
-67.5°	506.3	478.2	457.1	421.9	393.8	358.6	330.5	295.3	260.2	232.0	203.9
-70°	436.0	414.9	393.8	365.7	337.5	309.4	281.3	253.1	225.0	203.9	175.8
-72.5°	372.7	351.6	330.5	309.4	288.3	260.2	239.1	218.0	196.9	175.8	161.7
-75°	302.4	288.3	274.2	260.2	239.1	218.0	203.9	182.8	168.8	154.7	147.7
-77.5°	253.1	239.1	225.0	211.0	196.9	182.8	168.8	154.7	147.7	140.6	133.6
-80°	203.9	196.9	189.9	175.8	168.8	154.7	147.7	133.6	133.6	133.6	133.6
-82.5°	161.7	154.7	147.7	140.6	133.6	126.6	126.6	119.5	126.6	126.6	119.5
-85°	112.5	105.5	98.4	98.4	91.4	91.4	84.4	84.4	84.4	77.3	77.3
-87.5°	49.2	49.2	49.2	49.2	42.2	42.2	42.2	42.2	42.2	35.2	35.2
-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: P724256
 CATALOG NUMBER: IFLD-S-SA6E-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°	14.1	14.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	0.0	0.0
85°	28.1	28.1	21.1	21.1	21.1	14.1	14.1	7.0	7.0	7.0	7.0
82.5°	63.3	56.3	49.2	42.2	35.2	28.1	21.1	14.1	14.1	7.0	7.0
80°	77.3	77.3	77.3	70.3	56.3	42.2	28.1	21.1	14.1	7.0	7.0
77.5°	56.3	56.3	63.3	70.3	70.3	56.3	35.2	21.1	14.1	14.1	7.0
75°	42.2	42.2	42.2	49.2	56.3	56.3	42.2	28.1	14.1	14.1	7.0
72.5°	42.2	42.2	42.2	42.2	42.2	42.2	42.2	28.1	21.1	14.1	14.1
70°	35.2	35.2	35.2	35.2	35.2	35.2	35.2	28.1	21.1	14.1	14.1
67.5°	28.1	28.1	35.2	35.2	35.2	28.1	28.1	28.1	21.1	14.1	14.1
65°	21.1	28.1	28.1	35.2	28.1	28.1	28.1	21.1	21.1	14.1	14.1
62.5°	21.1	21.1	28.1	28.1	28.1	28.1	21.1	21.1	21.1	14.1	14.1
60°	21.1	21.1	21.1	28.1	21.1	21.1	21.1	21.1	21.1	14.1	14.1
57.5°	21.1	21.1	21.1	21.1	21.1	21.1	21.1	14.1	14.1	14.1	14.1
55°	21.1	21.1	21.1	21.1	21.1	21.1	14.1	14.1	14.1	14.1	14.1
52.5°	28.1	21.1	21.1	21.1	21.1	21.1	14.1	14.1	14.1	14.1	14.1
50°	35.2	21.1	21.1	21.1	21.1	14.1	14.1	14.1	14.1	14.1	14.1
47.5°	49.2	35.2	28.1	21.1	21.1	14.1	14.1	14.1	14.1	14.1	7.0
45°	70.3	49.2	35.2	28.1	21.1	14.1	14.1	14.1	14.1	14.1	7.0
42.5°	84.4	63.3	42.2	35.2	28.1	21.1	14.1	14.1	14.1	7.0	7.0
40°	105.5	84.4	56.3	42.2	28.1	21.1	14.1	14.1	14.1	7.0	7.0
37.5°	133.6	105.5	70.3	49.2	35.2	21.1	21.1	14.1	14.1	7.0	7.0
35°	154.7	119.5	91.4	56.3	42.2	28.1	21.1	14.1	14.1	7.0	7.0
32.5°	175.8	140.6	112.5	70.3	49.2	35.2	28.1	14.1	14.1	7.0	7.0
30°	196.9	161.7	126.6	91.4	63.3	42.2	28.1	14.1	14.1	7.0	7.0
27.5°	218.0	175.8	140.6	105.5	70.3	49.2	35.2	21.1	14.1	7.0	7.0
25°	239.1	196.9	154.7	119.5	77.3	56.3	35.2	21.1	14.1	14.1	7.0
22.5°	253.1	218.0	175.8	133.6	91.4	63.3	42.2	28.1	14.1	14.1	7.0
20°	274.2	239.1	189.9	147.7	105.5	70.3	42.2	28.1	14.1	14.1	7.0
17.5°	295.3	253.1	203.9	161.7	119.5	77.3	49.2	35.2	14.1	14.1	7.0
15°	316.4	267.2	218.0	168.8	126.6	84.4	49.2	35.2	14.1	14.1	7.0
12.5°	337.5	288.3	232.0	182.8	133.6	91.4	56.3	42.2	21.1	14.1	7.0
10°	351.6	302.4	246.1	189.9	140.6	105.5	63.3	42.2	21.1	14.1	7.0
7.5°	372.7	316.4	260.2	203.9	147.7	112.5	70.3	42.2	21.1	14.1	7.0
5°	379.7	330.5	267.2	218.0	154.7	119.5	77.3	49.2	21.1	14.1	7.0
2.5°	386.7	344.6	274.2	225.0	161.7	119.5	77.3	49.2	28.1	14.1	7.0
0°	393.8	351.6	281.3	232.0	168.8	126.6	84.4	49.2	28.1	14.1	7.0
-2.5°	400.8	358.6	295.3	239.1	175.8	133.6	91.4	49.2	28.1	14.1	7.0
-5°	407.8	358.6	309.4	246.1	182.8	133.6	91.4	56.3	35.2	14.1	7.0
-7.5°	414.9	365.7	316.4	253.1	189.9	133.6	98.4	56.3	35.2	21.1	7.0
-10°	421.9	372.7	323.5	260.2	189.9	140.6	98.4	56.3	35.2	21.1	7.0
-12.5°	428.9	379.7	323.5	260.2	196.9	140.6	98.4	63.3	35.2	21.1	7.0
-15°	436.0	379.7	323.5	260.2	196.9	147.7	105.5	63.3	35.2	21.1	14.1
-17.5°	436.0	379.7	323.5	267.2	196.9	147.7	105.5	63.3	35.2	21.1	14.1
-20°	436.0	379.7	323.5	267.2	196.9	147.7	105.5	63.3	35.2	21.1	14.1



REPORT NUMBER: P724256
 CATALOG NUMBER: IFLD-S-SA6E-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°	428.9	372.7	323.5	260.2	196.9	147.7	105.5	63.3	42.2	21.1	14.1
-25°	428.9	372.7	323.5	260.2	196.9	147.7	98.4	63.3	42.2	21.1	14.1
-27.5°	421.9	372.7	316.4	253.1	189.9	140.6	98.4	63.3	42.2	21.1	14.1
-30°	414.9	365.7	309.4	246.1	189.9	140.6	98.4	63.3	42.2	21.1	14.1
-32.5°	407.8	351.6	302.4	239.1	182.8	133.6	98.4	63.3	42.2	21.1	14.1
-35°	393.8	344.6	288.3	232.0	175.8	133.6	91.4	63.3	42.2	28.1	14.1
-37.5°	379.7	330.5	281.3	225.0	168.8	126.6	91.4	63.3	42.2	28.1	14.1
-40°	365.7	323.5	267.2	211.0	161.7	119.5	91.4	63.3	42.2	28.1	21.1
-42.5°	351.6	309.4	260.2	203.9	161.7	119.5	84.4	63.3	42.2	28.1	21.1
-45°	344.6	302.4	246.1	196.9	154.7	119.5	84.4	56.3	42.2	28.1	21.1
-47.5°	330.5	281.3	232.0	189.9	147.7	112.5	77.3	56.3	42.2	28.1	21.1
-50°	309.4	267.2	225.0	182.8	140.6	105.5	77.3	56.3	42.2	28.1	21.1
-52.5°	288.3	246.1	211.0	168.8	133.6	105.5	77.3	56.3	42.2	28.1	21.1
-55°	267.2	232.0	196.9	161.7	126.6	98.4	70.3	56.3	42.2	28.1	21.1
-57.5°	253.1	218.0	182.8	147.7	119.5	91.4	70.3	49.2	35.2	28.1	21.1
-60°	239.1	203.9	168.8	140.6	112.5	91.4	70.3	49.2	35.2	28.1	14.1
-62.5°	218.0	189.9	154.7	133.6	105.5	84.4	63.3	49.2	35.2	28.1	14.1
-65°	196.9	168.8	140.6	119.5	98.4	77.3	63.3	49.2	35.2	28.1	14.1
-67.5°	175.8	154.7	133.6	112.5	91.4	77.3	63.3	49.2	35.2	21.1	14.1
-70°	161.7	140.6	119.5	105.5	91.4	70.3	63.3	49.2	35.2	21.1	14.1
-72.5°	140.6	126.6	112.5	98.4	84.4	77.3	63.3	49.2	28.1	21.1	14.1
-75°	133.6	119.5	105.5	98.4	91.4	77.3	63.3	42.2	28.1	21.1	14.1
-77.5°	133.6	119.5	112.5	105.5	91.4	77.3	56.3	35.2	21.1	21.1	14.1
-80°	133.6	126.6	119.5	98.4	84.4	63.3	42.2	35.2	21.1	14.1	7.0
-82.5°	119.5	98.4	84.4	70.3	63.3	49.2	35.2	28.1	14.1	14.1	7.0
-85°	77.3	63.3	56.3	49.2	42.2	35.2	21.1	14.1	14.1	7.0	7.0
-87.5°	35.2	35.2	28.1	21.1	21.1	14.1	14.1	7.0	7.0	7.0	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: P724256
 CATALOG NUMBER: IFLD-S-SA6E-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°	7.0	0.0	0.0	0.0
77.5°	7.0	0.0	0.0	0.0
75°	7.0	7.0	0.0	0.0
72.5°	7.0	7.0	0.0	0.0
70°	7.0	7.0	0.0	0.0
67.5°	7.0	7.0	0.0	0.0
65°	7.0	7.0	0.0	0.0
62.5°	7.0	7.0	0.0	0.0
60°	7.0	7.0	0.0	0.0
57.5°	7.0	7.0	7.0	0.0
55°	7.0	7.0	7.0	0.0
52.5°	7.0	7.0	7.0	0.0
50°	7.0	7.0	7.0	0.0
47.5°	7.0	7.0	7.0	0.0
45°	7.0	7.0	7.0	0.0
42.5°	7.0	7.0	7.0	0.0
40°	7.0	7.0	7.0	0.0
37.5°	7.0	7.0	7.0	0.0
35°	7.0	7.0	7.0	0.0
32.5°	7.0	7.0	7.0	0.0
30°	7.0	7.0	7.0	0.0
27.5°	7.0	7.0	7.0	0.0
25°	7.0	7.0	7.0	0.0
22.5°	7.0	7.0	7.0	0.0
20°	7.0	7.0	7.0	0.0
17.5°	7.0	7.0	7.0	0.0
15°	7.0	7.0	7.0	0.0
12.5°	7.0	7.0	7.0	0.0
10°	7.0	7.0	7.0	0.0
7.5°	7.0	7.0	7.0	0.0
5°	7.0	7.0	7.0	0.0
2.5°	7.0	7.0	7.0	0.0
0°	7.0	7.0	7.0	0.0
-2.5°	7.0	7.0	7.0	0.0
-5°	7.0	7.0	7.0	0.0
-7.5°	7.0	7.0	7.0	0.0
-10°	7.0	7.0	7.0	0.0
-12.5°	7.0	7.0	7.0	0.0
-15°	7.0	7.0	7.0	0.0
-17.5°	7.0	7.0	7.0	0.0
-20°	7.0	7.0	7.0	0.0



REPORT NUMBER: P724256

CATALOG NUMBER: IFLD-S-SA6E-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	7.0	7.0	7.0	0.0
-25°	7.0	7.0	7.0	0.0
-27.5°	7.0	7.0	7.0	0.0
-30°	7.0	7.0	7.0	0.0
-32.5°	7.0	7.0	7.0	0.0
-35°	7.0	7.0	7.0	0.0
-37.5°	7.0	7.0	7.0	0.0
-40°	7.0	7.0	7.0	0.0
-42.5°	7.0	7.0	7.0	0.0
-45°	7.0	7.0	7.0	0.0
-47.5°	7.0	7.0	7.0	0.0
-50°	7.0	7.0	7.0	0.0
-52.5°	7.0	7.0	7.0	0.0
-55°	7.0	7.0	7.0	0.0
-57.5°	7.0	7.0	7.0	0.0
-60°	7.0	7.0	0.0	0.0
-62.5°	7.0	7.0	0.0	0.0
-65°	7.0	7.0	0.0	0.0
-67.5°	7.0	7.0	0.0	0.0
-70°	7.0	7.0	0.0	0.0
-72.5°	7.0	7.0	0.0	0.0
-75°	7.0	7.0	0.0	0.0
-77.5°	7.0	0.0	0.0	0.0
-80°	7.0	0.0	0.0	0.0
-82.5°	7.0	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)