

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: P724140

Luminaire Tested: **IFLD-S-SA6E-740-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724140
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-740-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (96) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

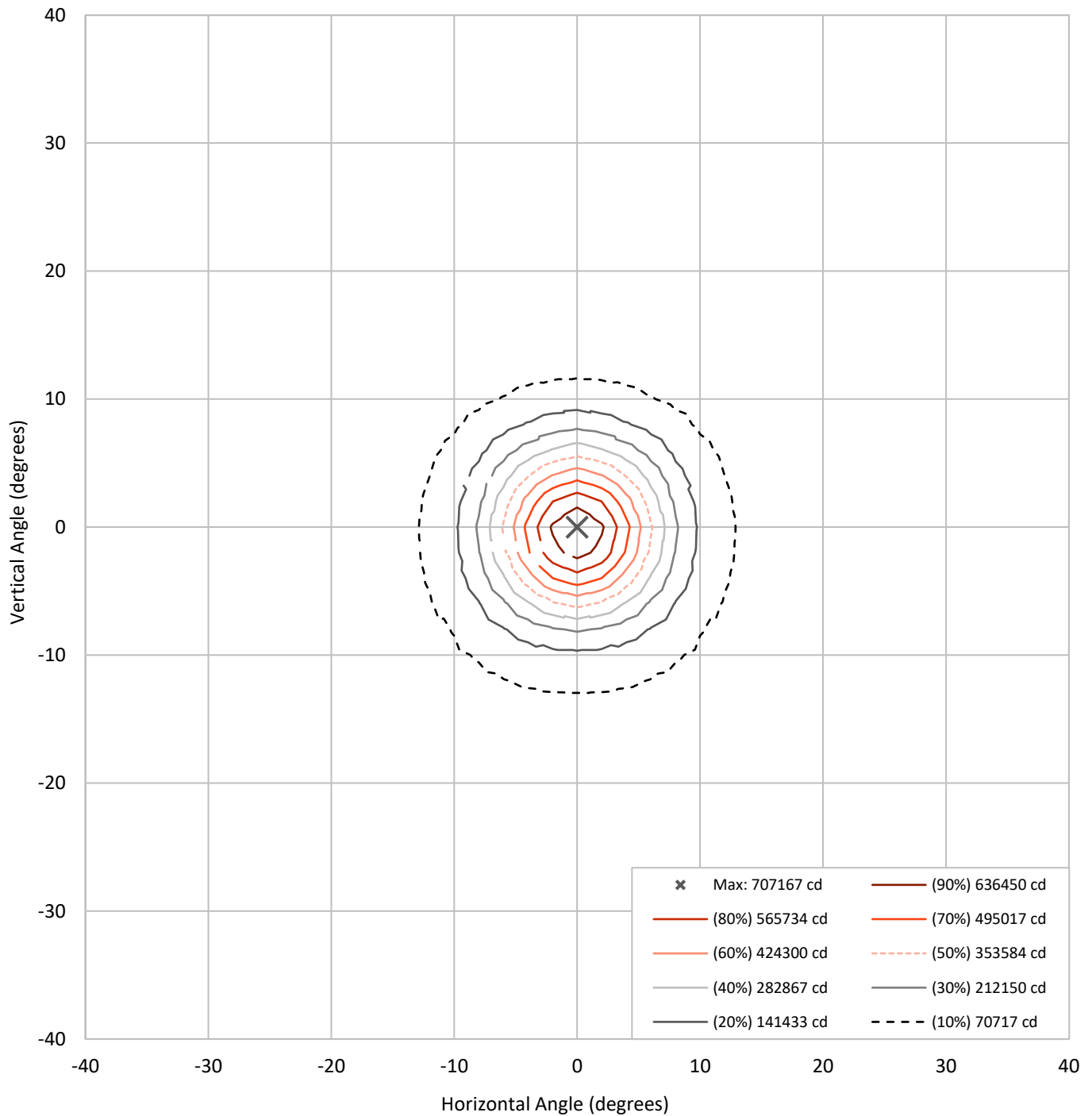
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	49395.9 lumens	Max Intensity:	707167 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	15453.3 lumens	Field Lumens:	35161.9 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





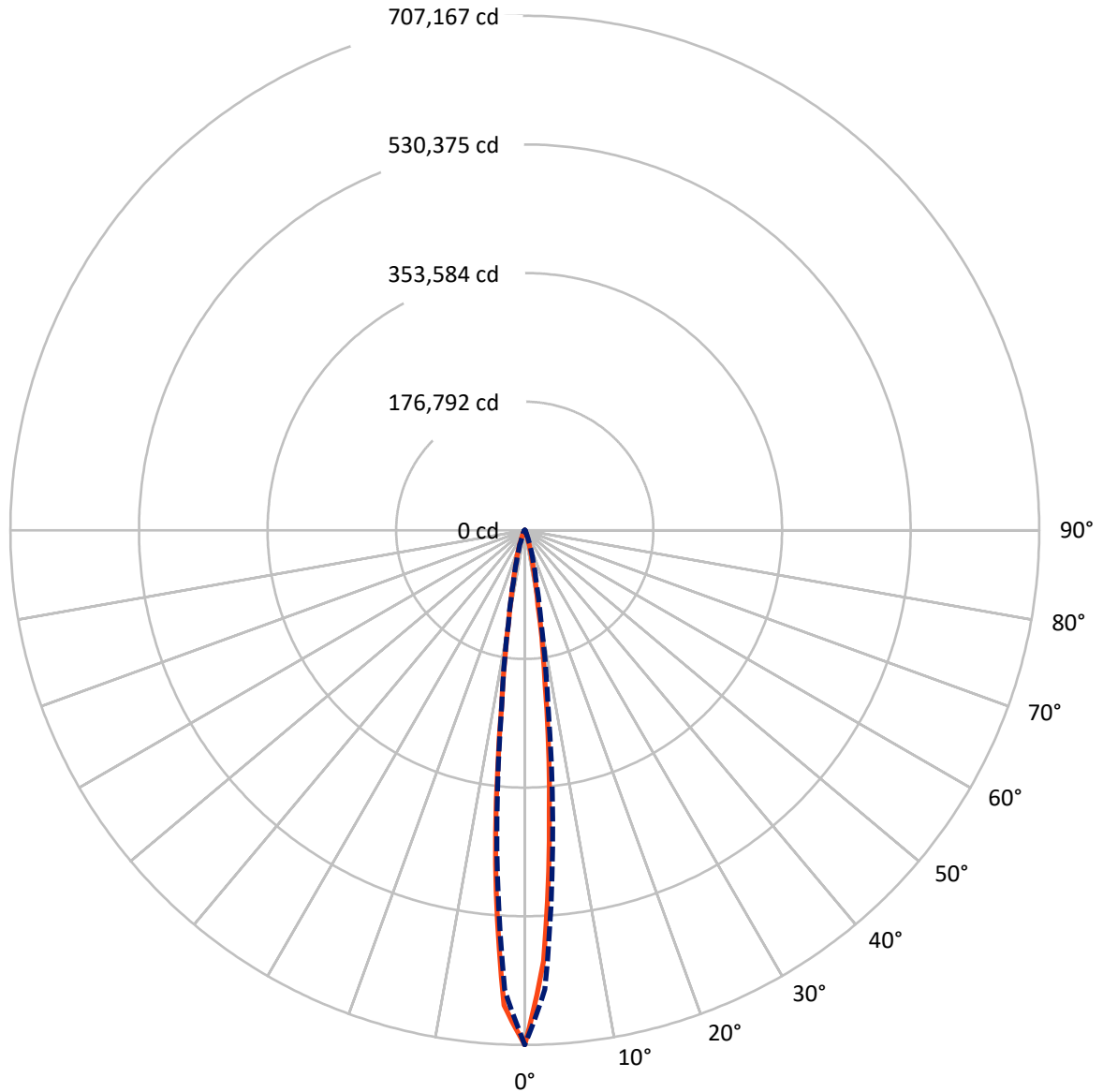
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Lumen Table

90	0.3	2.9		2.5		1.1		0.1		1.1		2.5		2.9		0.3			
80	0.3	2.9		2.5		1.1		0.1		1.1		2.5		2.9		0.3			
70	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.1	0.1	0.3	0.3	0.4	0.5	0.5	0.5	0.4			
60		0.3	0.6	1.4	2.5	3.8	4.8	5.5	5.5	4.8	3.8	2.5	1.4	0.6	0.3				
50	0.3	0.4	1.6	4.1	7.0	10.0	13.1	15.5	15.5	13.1	10.0	7.0	4.1	1.6	0.4	0.3			
40		0.8	3.4	7.5	12.6	19.9	30.0	35.9	35.9	30.0	19.9	12.6	7.5	3.4	0.8				
30	0.5	1.5	5.3	10.9	19.8	34.2	65.9	106.3	106.3	65.9	34.2	19.8	10.9	5.3	1.5	0.5			
20		2.2	7.1	14.8	30.1	74.5	389.2	984.6	984.6	389.2	74.5	30.1	14.8	7.1	2.2				
10	0.8	2.7	8.4	17.5	36.7	151.3	1253.4	7723.8	7723.8	1253.4	151.3	36.7	17.5	8.4	2.7	0.8			
0		3.2	9.2	18.5	38.3	172.5	1379.2	8505.9	8505.9	1379.2	172.5	38.3	18.5	9.2	3.2				
-10	1.0	3.4	9.6	18.3	35.9	103.4	619.1	1491.8	1491.8	619.1	103.4	35.9	18.3	9.6	3.4	1.0			
-20		3.4	9.5	17.4	30.4	52.7	127.9	240.3	240.3	127.9	52.7	30.4	17.4	9.5	3.4				
-30	1.0	3.0	8.7	16.2	25.2	37.3	52.8	62.0	62.0	52.8	37.3	25.2	16.2	8.7	3.0	1.0			
-40		2.6	7.6	14.4	22.0	29.0	36.7	40.8	40.8	36.7	29.0	22.0	14.4	7.6	2.6				
-50	0.9	2.2	6.1	12.2	19.3	25.4	31.2	34.0	34.0	31.2	25.4	19.3	12.2	6.1	2.2	0.9			
-60		1.7	4.4	8.9	14.7	20.3	25.5	28.3	28.3	25.5	20.3	14.7	8.9	4.4	1.7				
-70	0.5	6.7	18.5		34.1		41.2		34.1		18.5		6.7		0.5				
-80		6.7	18.5		34.1		41.2		34.1		18.5		6.7						
-90	0.5	6.7		18.5		34.1		41.2		34.1		18.5		6.7		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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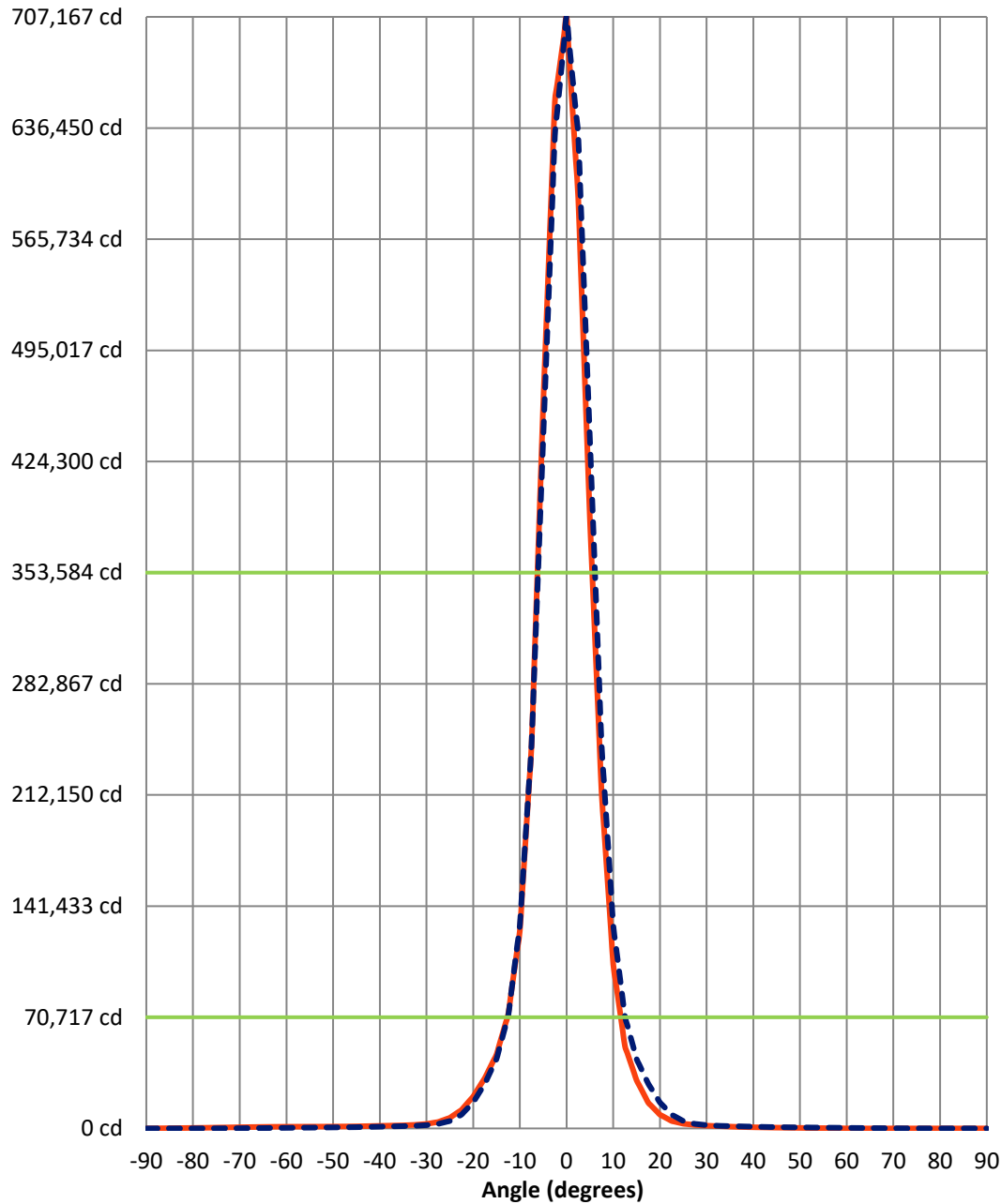
Luminous Intensity Polar Plot



— 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: 15453.3
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 35161.9
 Efficiency: 71.2%

Spill:
 Lumens: 14234
 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	8.8	8.8
85°	0.0	0.0	0.0	0.0	8.8	8.8	8.8	8.8	8.8	17.7	17.7
82.5°	0.0	0.0	0.0	0.0	8.8	8.8	8.8	8.8	17.7	17.7	17.7
80°	0.0	0.0	0.0	0.0	8.8	8.8	8.8	8.8	17.7	17.7	17.7
77.5°	0.0	0.0	0.0	0.0	8.8	8.8	8.8	8.8	8.8	8.8	17.7
75°	0.0	0.0	0.0	0.0	8.8	8.8	8.8	8.8	8.8	8.8	8.8
72.5°	0.0	0.0	0.0	0.0	8.8	8.8	8.8	8.8	8.8	8.8	8.8
70°	0.0	0.0	0.0	0.0	8.8	8.8	8.8	8.8	8.8	8.8	8.8
67.5°	0.0	0.0	0.0	0.0	8.8	8.8	8.8	8.8	8.8	8.8	8.8
65°	0.0	0.0	0.0	0.0	8.8	8.8	8.8	8.8	8.8	8.8	8.8
62.5°	0.0	0.0	0.0	0.0	8.8	8.8	8.8	8.8	8.8	8.8	8.8
60°	17.7	17.7	17.7	17.7	26.5	26.5	35.4	35.4	35.4	17.7	35.4
57.5°	141.6	141.6	132.7	123.9	115.0	106.2	106.2	106.2	106.2	106.2	88.5
55°	194.7	194.7	194.7	185.8	185.8	177.0	168.1	159.3	159.3	150.4	141.6
52.5°	230.1	230.1	230.1	230.1	221.2	221.2	221.2	212.4	194.7	194.7	185.8
50°	327.4	318.6	318.6	318.6	318.6	300.9	292.0	274.3	265.5	256.6	247.8
47.5°	424.8	424.8	415.9	415.9	407.1	389.4	371.7	354.0	336.3	327.4	309.7
45°	504.4	504.4	495.6	495.6	486.7	469.0	442.5	415.9	398.2	380.5	362.8
42.5°	619.5	610.6	601.8	592.9	575.2	548.7	513.3	477.9	451.3	424.8	407.1
40°	743.4	743.4	734.5	725.7	699.1	672.6	628.3	584.1	539.8	486.7	460.2
37.5°	893.8	902.6	911.5	911.5	893.8	858.4	796.4	743.4	672.6	601.8	566.4
35°	1168.1	1168.1	1185.8	1185.8	1159.3	1115.0	1070.8	955.7	867.2	778.8	699.1
32.5°	1469.0	1477.9	1442.5	1415.9	1380.5	1327.4	1247.8	1150.4	1053.1	938.0	849.5
30°	1761.0	1761.0	1716.8	1663.7	1592.9	1504.4	1407.1	1300.9	1185.8	1070.8	964.6
27.5°	2221.2	2177.0	2141.6	2053.1	1929.2	1761.0	1637.1	1469.0	1318.6	1185.8	1070.8
25°	2982.3	2973.4	2893.8	2743.3	2495.5	2230.1	2026.5	1743.3	1513.3	1309.7	1177.0
22.5°	4743.3	4681.3	4495.5	4123.8	3539.8	3079.6	2663.7	2221.2	1805.3	1531.0	1318.6
20°	8769.8	8566.3	8070.7	7044.1	5734.4	4831.8	3796.4	3053.1	2353.9	1840.7	1522.1
17.5°	16362.6	16229.9	16044.0	13672.4	11008.7	9097.2	6769.8	4681.3	3345.1	2407.0	1805.3
15°	30672.1	29689.8	27636.8	24796.1	21070.5	16283.0	11973.3	7557.4	4778.7	3203.5	2292.0
12.5°	52432.9	51344.4	46043.6	38937.5	32238.5	25424.4	17849.3	11486.6	6805.2	4070.7	2716.8
10°	104476.4	96573.9	81733.4	60999.1	47609.9	35503.9	25061.6	15672.3	8858.3	5141.5	3221.2
7.5°	213988.1	188165.5	144998.0	102361.4	66255.7	46565.7	32008.4	20495.3	11805.1	6433.5	3681.4
5°	387844.1	342030.6	257677.8	155157.1	96211.0	58362.0	37981.8	24371.3	13973.3	7486.6	4141.5
2.5°	592212.9	532948.2	372534.6	213351.0	118635.5	67494.6	42158.7	26920.0	15353.8	8203.4	4495.5
0°	707167.0	631681.4	438719.5	244262.0	129316.8	71370.7	44202.9	28450.9	16521.9	8787.5	4725.6
-2.5°	653247.4	592478.4	403189.0	226899.5	123573.5	69671.6	44494.9	28831.5	16716.6	8946.8	4831.8
-5°	460409.4	410534.0	278978.4	167440.1	104848.1	64176.1	41981.7	27397.8	16176.8	8716.7	4787.5
-7.5°	243580.6	221014.6	165449.0	120316.9	76529.9	54317.8	37795.9	24858.1	14778.6	8097.2	4522.1
-10°	125847.8	121219.5	104458.7	78742.3	61928.3	45503.8	32256.2	21256.3	12353.8	6973.4	4070.7
-12.5°	72556.5	71768.9	66379.6	56981.5	47486.1	37380.0	26468.7	17336.0	10309.6	5778.7	3433.6
-15°	46981.6	47317.9	45441.8	41530.4	36123.4	27973.1	20336.0	12893.6	7628.2	4681.3	3026.5
-17.5°	32061.5	31973.0	31096.9	28415.5	24061.6	18893.5	13477.7	9106.1	5778.7	3646.0	2513.2
-20°	20282.9	20318.3	19504.1	17654.6	14451.1	11645.9	8389.3	6141.5	4097.3	2867.2	2221.2



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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°	11769.7	11796.3	11283.0	10238.8	8557.4	6902.6	5451.3	4061.9	3017.7	2389.3	1946.9
-25°	6761.0	6654.8	6451.2	5946.8	5159.2	4256.6	3619.4	2858.4	2415.9	2026.5	1778.7
-27.5°	4097.3	4026.5	3920.3	3699.1	3389.3	2938.0	2646.0	2309.7	2053.1	1823.0	1672.5
-30°	2858.4	2884.9	2796.4	2681.4	2539.8	2336.3	2177.0	2017.7	1849.5	1707.9	1566.3
-32.5°	2274.3	2292.0	2247.8	2203.5	2132.7	2053.1	1955.7	1840.7	1707.9	1575.2	1442.5
-35°	1955.7	1964.6	1964.6	1955.7	1938.0	1876.1	1805.3	1699.1	1575.2	1451.3	1336.3
-37.5°	1796.4	1805.3	1805.3	1796.4	1769.9	1716.8	1646.0	1557.5	1442.5	1327.4	1238.9
-40°	1628.3	1637.1	1628.3	1610.6	1584.0	1531.0	1477.9	1407.1	1318.6	1221.2	1141.6
-42.5°	1469.0	1460.2	1451.3	1433.6	1407.1	1371.7	1327.4	1274.3	1212.4	1141.6	1079.6
-45°	1318.6	1318.6	1309.7	1300.9	1283.2	1256.6	1230.1	1185.8	1141.6	1088.5	1035.4
-47.5°	1238.9	1238.9	1230.1	1221.2	1212.4	1194.7	1168.1	1132.7	1097.3	1053.1	1008.8
-50°	1185.8	1185.8	1185.8	1177.0	1168.1	1150.4	1123.9	1097.3	1061.9	1017.7	973.4
-52.5°	1150.4	1150.4	1150.4	1141.6	1132.7	1123.9	1097.3	1061.9	1017.7	982.3	946.9
-55°	1132.7	1123.9	1123.9	1115.0	1106.2	1097.3	1061.9	1026.5	991.1	955.7	920.3
-57.5°	1106.2	1097.3	1097.3	1088.5	1079.6	1070.8	1035.4	1000.0	964.6	920.3	893.8
-60°	1079.6	1070.8	1070.8	1053.1	1044.2	1035.4	1000.0	964.6	929.2	893.8	858.4
-62.5°	1044.2	1035.4	1026.5	1017.7	1000.0	982.3	955.7	920.3	876.1	840.7	805.3
-65°	964.6	955.7	946.9	938.0	929.2	920.3	893.8	849.5	814.1	778.8	743.4
-67.5°	867.2	867.2	867.2	849.5	840.7	823.0	805.3	769.9	734.5	699.1	672.6
-70°	752.2	752.2	752.2	734.5	725.7	716.8	690.3	663.7	637.2	610.6	575.2
-72.5°	637.2	628.3	628.3	619.5	601.8	592.9	575.2	557.5	531.0	513.3	486.7
-75°	522.1	513.3	513.3	504.4	495.6	486.7	469.0	460.2	442.5	424.8	398.2
-77.5°	415.9	415.9	415.9	407.1	398.2	389.4	380.5	371.7	362.8	345.1	327.4
-80°	318.6	318.6	318.6	318.6	318.6	318.6	318.6	309.7	292.0	283.2	274.3
-82.5°	230.1	238.9	238.9	238.9	238.9	238.9	238.9	238.9	230.1	221.2	212.4
-85°	150.4	159.3	159.3	168.1	177.0	177.0	185.8	177.0	168.1	150.4	141.6
-87.5°	79.6	79.6	79.6	79.6	79.6	79.6	79.6	70.8	70.8	70.8	61.9
-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°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	17.7	17.7	17.7
85°	17.7	17.7	17.7	17.7	26.5	26.5	26.5	35.4	35.4	35.4	35.4
82.5°	17.7	26.5	26.5	26.5	35.4	35.4	44.2	53.1	70.8	79.6	79.6
80°	17.7	26.5	26.5	26.5	35.4	35.4	44.2	44.2	53.1	61.9	79.6
77.5°	17.7	17.7	26.5	26.5	26.5	35.4	35.4	44.2	44.2	53.1	61.9
75°	8.8	17.7	17.7	17.7	26.5	26.5	35.4	35.4	44.2	44.2	53.1
72.5°	8.8	17.7	17.7	17.7	26.5	26.5	35.4	35.4	35.4	44.2	44.2
70°	8.8	17.7	17.7	17.7	17.7	26.5	26.5	26.5	35.4	35.4	35.4
67.5°	8.8	8.8	8.8	17.7	17.7	17.7	17.7	26.5	26.5	26.5	35.4
65°	8.8	8.8	8.8	8.8	17.7	17.7	17.7	17.7	26.5	26.5	26.5
62.5°	8.8	8.8	8.8	17.7	17.7	17.7	17.7	17.7	26.5	26.5	26.5
60°	35.4	35.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
57.5°	79.6	79.6	70.8	61.9	53.1	53.1	44.2	35.4	35.4	26.5	26.5
55°	132.7	123.9	115.0	97.3	88.5	79.6	70.8	53.1	44.2	35.4	26.5
52.5°	168.1	159.3	150.4	141.6	123.9	106.2	97.3	88.5	70.8	53.1	44.2
50°	247.8	221.2	203.5	185.8	168.1	150.4	132.7	123.9	97.3	79.6	61.9
47.5°	300.9	283.2	256.6	238.9	221.2	194.7	168.1	150.4	132.7	106.2	79.6
45°	345.1	327.4	300.9	283.2	265.5	238.9	212.4	185.8	168.1	141.6	106.2
42.5°	389.4	371.7	345.1	327.4	300.9	274.3	247.8	221.2	194.7	177.0	141.6
40°	451.3	424.8	389.4	371.7	354.0	318.6	283.2	256.6	230.1	203.5	168.1
37.5°	531.0	504.4	460.2	424.8	398.2	371.7	336.3	300.9	274.3	238.9	203.5
35°	654.9	610.6	548.7	495.6	460.2	424.8	380.5	345.1	309.7	274.3	238.9
32.5°	778.8	708.0	628.3	566.4	513.3	469.0	424.8	389.4	345.1	300.9	265.5
30°	876.1	796.4	716.8	628.3	566.4	513.3	469.0	424.8	380.5	336.3	292.0
27.5°	973.4	884.9	796.4	708.0	619.5	548.7	504.4	460.2	415.9	371.7	318.6
25°	1070.8	973.4	884.9	787.6	681.4	601.8	539.8	504.4	460.2	407.1	345.1
22.5°	1159.3	1070.8	982.3	876.1	752.2	646.0	584.1	539.8	495.6	433.6	380.5
20°	1327.4	1212.4	1106.2	973.4	831.8	725.7	646.0	584.1	531.0	469.0	407.1
17.5°	1548.7	1380.5	1238.9	1088.5	946.9	814.1	699.1	628.3	575.2	504.4	433.6
15°	1831.8	1539.8	1362.8	1212.4	1044.2	893.8	769.9	672.6	601.8	531.0	469.0
12.5°	2044.2	1663.7	1469.0	1327.4	1150.4	982.3	823.0	708.0	628.3	557.5	486.7
10°	2283.2	1796.4	1557.5	1398.2	1212.4	1026.5	858.4	734.5	646.0	584.1	513.3
7.5°	2477.8	1902.6	1601.7	1424.8	1247.8	1061.9	893.8	761.1	672.6	601.8	531.0
5°	2654.8	1991.1	1637.1	1433.6	1265.5	1088.5	911.5	778.8	690.3	619.5	548.7
2.5°	2778.7	2070.8	1672.5	1451.3	1283.2	1106.2	938.0	796.4	708.0	637.2	566.4
0°	2884.9	2097.3	1663.7	1451.3	1292.0	1106.2	946.9	805.3	716.8	646.0	575.2
-2.5°	2920.3	2141.6	1707.9	1469.0	1309.7	1123.9	964.6	814.1	725.7	654.9	592.9
-5°	2920.3	2106.2	1707.9	1486.7	1318.6	1132.7	964.6	823.0	734.5	663.7	592.9
-7.5°	2814.1	2053.1	1699.1	1504.4	1327.4	1141.6	964.6	831.8	743.4	672.6	601.8
-10°	2628.3	1973.4	1690.2	1513.3	1327.4	1132.7	964.6	831.8	743.4	672.6	610.6
-12.5°	2327.4	1867.2	1646.0	1495.6	1309.7	1115.0	955.7	831.8	743.4	681.4	610.6
-15°	2177.0	1778.7	1592.9	1442.5	1265.5	1088.5	938.0	823.0	743.4	681.4	619.5
-17.5°	1973.4	1707.9	1539.8	1389.4	1230.1	1061.9	920.3	823.0	743.4	672.6	619.5
-20°	1831.8	1628.3	1477.9	1345.1	1185.8	1035.4	911.5	814.1	743.4	672.6	619.5



REPORT NUMBER: P724140
 CATALOG NUMBER: IFLD-S-SA6E-740-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°	1707.9	1539.8	1407.1	1274.3	1132.7	1000.0	893.8	805.3	734.5	672.6	619.5
-25°	1610.6	1460.2	1336.3	1212.4	1088.5	973.4	876.1	796.4	725.7	672.6	610.6
-27.5°	1522.1	1380.5	1265.5	1150.4	1035.4	946.9	858.4	787.6	725.7	663.7	601.8
-30°	1424.8	1309.7	1194.7	1088.5	1008.8	920.3	840.7	769.9	716.8	654.9	592.9
-32.5°	1327.4	1221.2	1123.9	1044.2	973.4	902.6	831.8	761.1	699.1	637.2	575.2
-35°	1238.9	1141.6	1070.8	1000.0	946.9	884.9	814.1	743.4	690.3	628.3	575.2
-37.5°	1150.4	1079.6	1017.7	964.6	911.5	858.4	787.6	725.7	672.6	610.6	548.7
-40°	1079.6	1026.5	982.3	938.0	884.9	823.0	769.9	708.0	654.9	592.9	522.1
-42.5°	1035.4	991.1	946.9	902.6	858.4	805.3	752.2	690.3	637.2	575.2	504.4
-45°	991.1	955.7	920.3	884.9	840.7	787.6	725.7	663.7	610.6	548.7	495.6
-47.5°	964.6	929.2	893.8	867.2	831.8	761.1	708.0	646.0	584.1	531.0	469.0
-50°	938.0	902.6	876.1	840.7	796.4	734.5	681.4	619.5	566.4	504.4	451.3
-52.5°	911.5	876.1	840.7	805.3	761.1	708.0	654.9	601.8	539.8	477.9	424.8
-55°	884.9	849.5	814.1	778.8	734.5	690.3	637.2	566.4	504.4	442.5	389.4
-57.5°	858.4	831.8	787.6	743.4	699.1	654.9	592.9	531.0	469.0	407.1	362.8
-60°	823.0	787.6	752.2	699.1	654.9	601.8	548.7	495.6	433.6	380.5	336.3
-62.5°	769.9	734.5	699.1	646.0	601.8	557.5	513.3	451.3	407.1	354.0	309.7
-65°	708.0	672.6	637.2	592.9	548.7	504.4	469.0	415.9	371.7	327.4	292.0
-67.5°	637.2	601.8	575.2	531.0	495.6	451.3	415.9	371.7	327.4	292.0	256.6
-70°	548.7	522.1	495.6	460.2	424.8	389.4	354.0	318.6	283.2	256.6	221.2
-72.5°	469.0	442.5	415.9	389.4	362.8	327.4	300.9	274.3	247.8	221.2	203.5
-75°	380.5	362.8	345.1	327.4	300.9	274.3	256.6	230.1	212.4	194.7	185.8
-77.5°	318.6	300.9	283.2	265.5	247.8	230.1	212.4	194.7	185.8	177.0	168.1
-80°	256.6	247.8	238.9	221.2	212.4	194.7	185.8	168.1	168.1	168.1	168.1
-82.5°	203.5	194.7	185.8	177.0	168.1	159.3	159.3	150.4	159.3	159.3	150.4
-85°	141.6	132.7	123.9	123.9	115.0	115.0	106.2	106.2	106.2	97.3	97.3
-87.5°	61.9	61.9	61.9	61.9	53.1	53.1	53.1	53.1	53.1	44.2	44.2
-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: P724140
 CATALOG NUMBER: IFLD-S-SA6E-740-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°	17.7	17.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	0.0	0.0
85°	35.4	35.4	26.5	26.5	26.5	17.7	17.7	8.8	8.8	8.8	8.8
82.5°	79.6	70.8	61.9	53.1	44.2	35.4	26.5	17.7	17.7	8.8	8.8
80°	97.3	97.3	97.3	88.5	70.8	53.1	35.4	26.5	17.7	8.8	8.8
77.5°	70.8	70.8	79.6	88.5	88.5	70.8	44.2	26.5	17.7	17.7	8.8
75°	53.1	53.1	53.1	61.9	70.8	70.8	53.1	35.4	17.7	17.7	8.8
72.5°	53.1	53.1	53.1	53.1	53.1	53.1	53.1	35.4	26.5	17.7	17.7
70°	44.2	44.2	44.2	44.2	44.2	44.2	44.2	35.4	26.5	17.7	17.7
67.5°	35.4	35.4	44.2	44.2	44.2	35.4	35.4	35.4	26.5	17.7	17.7
65°	26.5	35.4	35.4	44.2	35.4	35.4	35.4	26.5	26.5	17.7	17.7
62.5°	26.5	26.5	35.4	35.4	35.4	35.4	26.5	26.5	26.5	17.7	17.7
60°	26.5	26.5	26.5	35.4	26.5	26.5	26.5	26.5	26.5	17.7	17.7
57.5°	26.5	26.5	26.5	26.5	26.5	26.5	26.5	17.7	17.7	17.7	17.7
55°	26.5	26.5	26.5	26.5	26.5	26.5	17.7	17.7	17.7	17.7	17.7
52.5°	35.4	26.5	26.5	26.5	26.5	26.5	17.7	17.7	17.7	17.7	17.7
50°	44.2	26.5	26.5	26.5	26.5	17.7	17.7	17.7	17.7	17.7	17.7
47.5°	61.9	44.2	35.4	26.5	26.5	17.7	17.7	17.7	17.7	17.7	8.8
45°	88.5	61.9	44.2	35.4	26.5	17.7	17.7	17.7	17.7	17.7	8.8
42.5°	106.2	79.6	53.1	44.2	35.4	26.5	17.7	17.7	17.7	8.8	8.8
40°	132.7	106.2	70.8	53.1	35.4	26.5	17.7	17.7	17.7	8.8	8.8
37.5°	168.1	132.7	88.5	61.9	44.2	26.5	26.5	17.7	17.7	8.8	8.8
35°	194.7	150.4	115.0	70.8	53.1	35.4	26.5	17.7	17.7	8.8	8.8
32.5°	221.2	177.0	141.6	88.5	61.9	44.2	35.4	17.7	17.7	8.8	8.8
30°	247.8	203.5	159.3	115.0	79.6	53.1	35.4	17.7	17.7	8.8	8.8
27.5°	274.3	221.2	177.0	132.7	88.5	61.9	44.2	26.5	17.7	8.8	8.8
25°	300.9	247.8	194.7	150.4	97.3	70.8	44.2	26.5	17.7	17.7	8.8
22.5°	318.6	274.3	221.2	168.1	115.0	79.6	53.1	35.4	17.7	17.7	8.8
20°	345.1	300.9	238.9	185.8	132.7	88.5	53.1	35.4	17.7	17.7	8.8
17.5°	371.7	318.6	256.6	203.5	150.4	97.3	61.9	44.2	17.7	17.7	8.8
15°	398.2	336.3	274.3	212.4	159.3	106.2	61.9	44.2	17.7	17.7	8.8
12.5°	424.8	362.8	292.0	230.1	168.1	115.0	70.8	53.1	26.5	17.7	8.8
10°	442.5	380.5	309.7	238.9	177.0	132.7	79.6	53.1	26.5	17.7	8.8
7.5°	469.0	398.2	327.4	256.6	185.8	141.6	88.5	53.1	26.5	17.7	8.8
5°	477.9	415.9	336.3	274.3	194.7	150.4	97.3	61.9	26.5	17.7	8.8
2.5°	486.7	433.6	345.1	283.2	203.5	150.4	97.3	61.9	35.4	17.7	8.8
0°	495.6	442.5	354.0	292.0	212.4	159.3	106.2	61.9	35.4	17.7	8.8
-2.5°	504.4	451.3	371.7	300.9	221.2	168.1	115.0	61.9	35.4	17.7	8.8
-5°	513.3	451.3	389.4	309.7	230.1	168.1	115.0	70.8	44.2	17.7	8.8
-7.5°	522.1	460.2	398.2	318.6	238.9	168.1	123.9	70.8	44.2	26.5	8.8
-10°	531.0	469.0	407.1	327.4	238.9	177.0	123.9	70.8	44.2	26.5	8.8
-12.5°	539.8	477.9	407.1	327.4	247.8	177.0	123.9	79.6	44.2	26.5	8.8
-15°	548.7	477.9	407.1	327.4	247.8	185.8	132.7	79.6	44.2	26.5	17.7
-17.5°	548.7	477.9	407.1	336.3	247.8	185.8	132.7	79.6	44.2	26.5	17.7
-20°	548.7	477.9	407.1	336.3	247.8	185.8	132.7	79.6	44.2	26.5	17.7



REPORT NUMBER: P724140
 CATALOG NUMBER: IFLD-S-SA6E-740-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	539.8	469.0	407.1	327.4	247.8	185.8	132.7	79.6	53.1	26.5	17.7
-25°	539.8	469.0	407.1	327.4	247.8	185.8	123.9	79.6	53.1	26.5	17.7
-27.5°	531.0	469.0	398.2	318.6	238.9	177.0	123.9	79.6	53.1	26.5	17.7
-30°	522.1	460.2	389.4	309.7	238.9	177.0	123.9	79.6	53.1	26.5	17.7
-32.5°	513.3	442.5	380.5	300.9	230.1	168.1	123.9	79.6	53.1	26.5	17.7
-35°	495.6	433.6	362.8	292.0	221.2	168.1	115.0	79.6	53.1	35.4	17.7
-37.5°	477.9	415.9	354.0	283.2	212.4	159.3	115.0	79.6	53.1	35.4	17.7
-40°	460.2	407.1	336.3	265.5	203.5	150.4	115.0	79.6	53.1	35.4	26.5
-42.5°	442.5	389.4	327.4	256.6	203.5	150.4	106.2	79.6	53.1	35.4	26.5
-45°	433.6	380.5	309.7	247.8	194.7	150.4	106.2	70.8	53.1	35.4	26.5
-47.5°	415.9	354.0	292.0	238.9	185.8	141.6	97.3	70.8	53.1	35.4	26.5
-50°	389.4	336.3	283.2	230.1	177.0	132.7	97.3	70.8	53.1	35.4	26.5
-52.5°	362.8	309.7	265.5	212.4	168.1	132.7	97.3	70.8	53.1	35.4	26.5
-55°	336.3	292.0	247.8	203.5	159.3	123.9	88.5	70.8	53.1	35.4	26.5
-57.5°	318.6	274.3	230.1	185.8	150.4	115.0	88.5	61.9	44.2	35.4	26.5
-60°	300.9	256.6	212.4	177.0	141.6	115.0	88.5	61.9	44.2	35.4	17.7
-62.5°	274.3	238.9	194.7	168.1	132.7	106.2	79.6	61.9	44.2	35.4	17.7
-65°	247.8	212.4	177.0	150.4	123.9	97.3	79.6	61.9	44.2	35.4	17.7
-67.5°	221.2	194.7	168.1	141.6	115.0	97.3	79.6	61.9	44.2	26.5	17.7
-70°	203.5	177.0	150.4	132.7	115.0	88.5	79.6	61.9	44.2	26.5	17.7
-72.5°	177.0	159.3	141.6	123.9	106.2	97.3	79.6	61.9	35.4	26.5	17.7
-75°	168.1	150.4	132.7	123.9	115.0	97.3	79.6	53.1	35.4	26.5	17.7
-77.5°	168.1	150.4	141.6	132.7	115.0	97.3	70.8	44.2	26.5	26.5	17.7
-80°	168.1	159.3	150.4	123.9	106.2	79.6	53.1	44.2	26.5	17.7	8.8
-82.5°	150.4	123.9	106.2	88.5	79.6	61.9	44.2	35.4	17.7	17.7	8.8
-85°	97.3	79.6	70.8	61.9	53.1	44.2	26.5	17.7	17.7	8.8	8.8
-87.5°	44.2	44.2	35.4	26.5	26.5	17.7	17.7	8.8	8.8	8.8	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: P724140
 CATALOG NUMBER: IFLD-S-SA6E-740-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°	8.8	0.0	0.0	0.0
77.5°	8.8	0.0	0.0	0.0
75°	8.8	8.8	0.0	0.0
72.5°	8.8	8.8	0.0	0.0
70°	8.8	8.8	0.0	0.0
67.5°	8.8	8.8	0.0	0.0
65°	8.8	8.8	0.0	0.0
62.5°	8.8	8.8	0.0	0.0
60°	8.8	8.8	0.0	0.0
57.5°	8.8	8.8	8.8	0.0
55°	8.8	8.8	8.8	0.0
52.5°	8.8	8.8	8.8	0.0
50°	8.8	8.8	8.8	0.0
47.5°	8.8	8.8	8.8	0.0
45°	8.8	8.8	8.8	0.0
42.5°	8.8	8.8	8.8	0.0
40°	8.8	8.8	8.8	0.0
37.5°	8.8	8.8	8.8	0.0
35°	8.8	8.8	8.8	0.0
32.5°	8.8	8.8	8.8	0.0
30°	8.8	8.8	8.8	0.0
27.5°	8.8	8.8	8.8	0.0
25°	8.8	8.8	8.8	0.0
22.5°	8.8	8.8	8.8	0.0
20°	8.8	8.8	8.8	0.0
17.5°	8.8	8.8	8.8	0.0
15°	8.8	8.8	8.8	0.0
12.5°	8.8	8.8	8.8	0.0
10°	8.8	8.8	8.8	0.0
7.5°	8.8	8.8	8.8	0.0
5°	8.8	8.8	8.8	0.0
2.5°	8.8	8.8	8.8	0.0
0°	8.8	8.8	8.8	0.0
-2.5°	8.8	8.8	8.8	0.0
-5°	8.8	8.8	8.8	0.0
-7.5°	8.8	8.8	8.8	0.0
-10°	8.8	8.8	8.8	0.0
-12.5°	8.8	8.8	8.8	0.0
-15°	8.8	8.8	8.8	0.0
-17.5°	8.8	8.8	8.8	0.0
-20°	8.8	8.8	8.8	0.0



REPORT NUMBER: P724140

CATALOG NUMBER: IFLD-S-SA6E-740-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	8.8	8.8	8.8	0.0
-25°	8.8	8.8	8.8	0.0
-27.5°	8.8	8.8	8.8	0.0
-30°	8.8	8.8	8.8	0.0
-32.5°	8.8	8.8	8.8	0.0
-35°	8.8	8.8	8.8	0.0
-37.5°	8.8	8.8	8.8	0.0
-40°	8.8	8.8	8.8	0.0
-42.5°	8.8	8.8	8.8	0.0
-45°	8.8	8.8	8.8	0.0
-47.5°	8.8	8.8	8.8	0.0
-50°	8.8	8.8	8.8	0.0
-52.5°	8.8	8.8	8.8	0.0
-55°	8.8	8.8	8.8	0.0
-57.5°	8.8	8.8	8.8	0.0
-60°	8.8	8.8	0.0	0.0
-62.5°	8.8	8.8	0.0	0.0
-65°	8.8	8.8	0.0	0.0
-67.5°	8.8	8.8	0.0	0.0
-70°	8.8	8.8	0.0	0.0
-72.5°	8.8	8.8	0.0	0.0
-75°	8.8	8.8	0.0	0.0
-77.5°	8.8	0.0	0.0	0.0
-80°	8.8	0.0	0.0	0.0
-82.5°	8.8	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)