

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: P724051

Luminaire Tested: **IFLD-S-SA6C-727-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724051
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-727-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (96) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

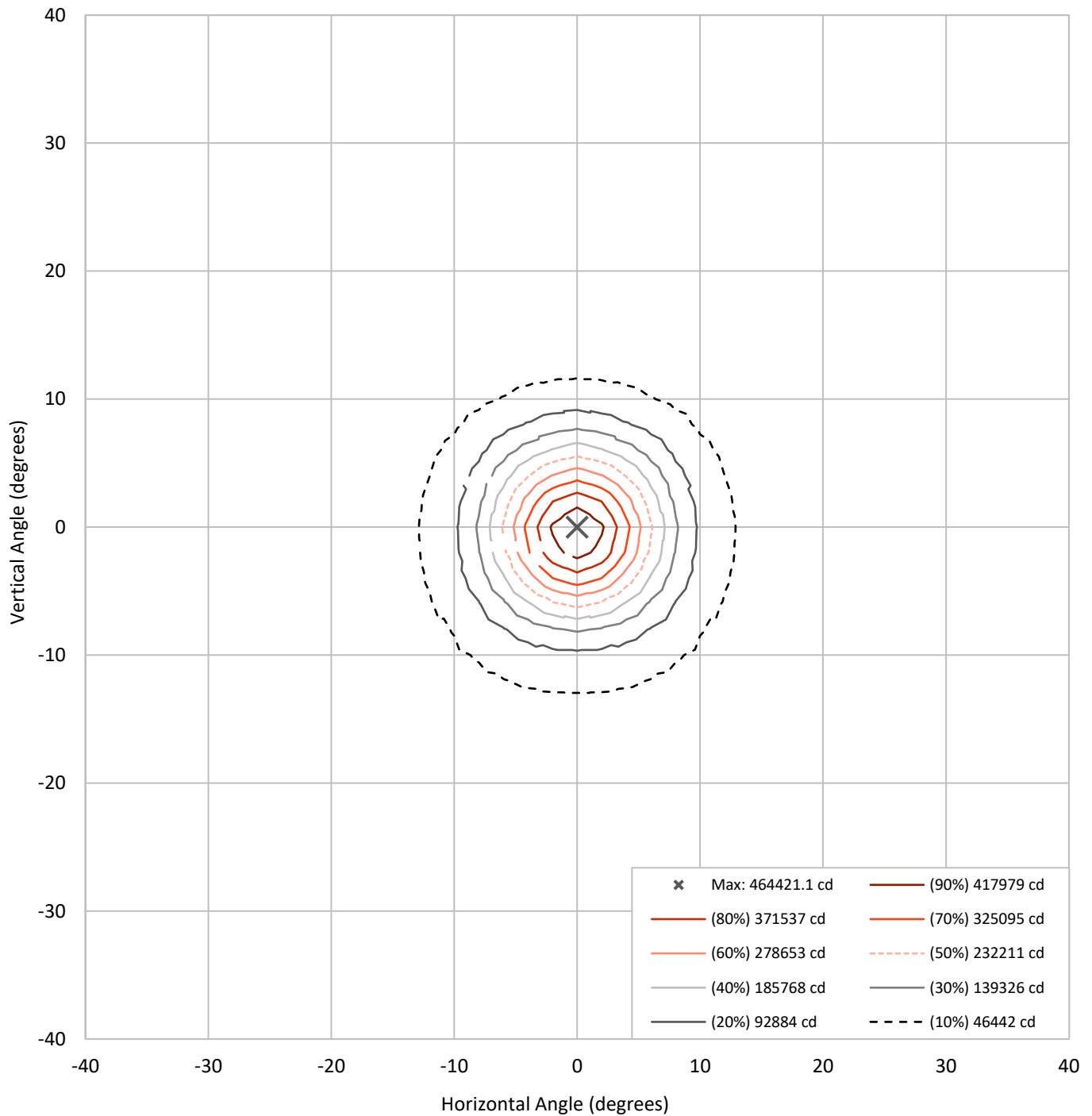
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	32440 lumens	Max Intensity:	464421.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	10148.7 lumens	Field Lumens:	23092 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 321.5
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





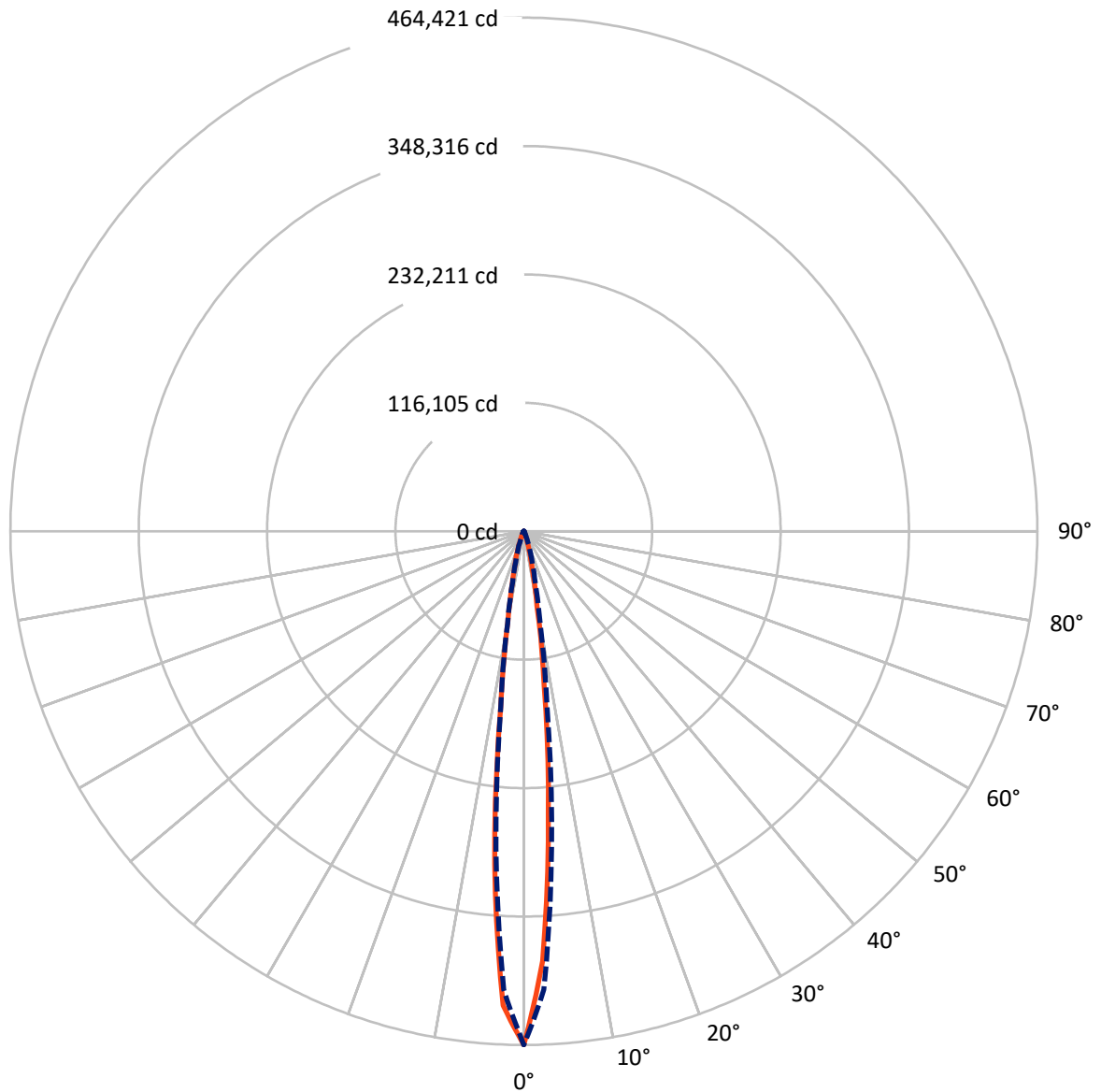
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Lumen Table

90	0.2	1.9	1.7	0.7	0.1	0.7	1.7	1.9	0.2							
80	0.2	1.9	1.7	0.7	0.1	0.7	1.7	1.9	0.2							
70	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.3	0.3
60		0.2	0.4	0.9	1.7	2.5	3.2	3.6	3.6	3.2	2.5	1.7	0.9	0.4	0.2	
50	0.2	0.3	1.0	2.7	4.6	6.5	8.6	10.2	10.2	8.6	6.5	4.6	2.7	1.0	0.3	0.2
40		0.5	2.3	4.9	8.3	13.0	19.7	23.6	23.6	19.7	13.0	8.3	4.9	2.3	0.5	
30	0.3	1.0	3.5	7.1	13.0	22.4	43.3	69.8	69.8	43.3	22.4	13.0	7.1	3.5	1.0	0.3
20		1.4	4.6	9.7	19.7	48.9	255.6	646.6	646.6	255.6	48.9	19.7	9.7	4.6	1.4	
10	0.5	1.8	5.5	11.5	24.1	99.4	823.1	5072.5	5072.5	823.1	99.4	24.1	11.5	5.5	1.8	0.5
0		2.1	6.0	12.1	25.1	113.3	905.8	5586.1	5586.1	905.8	113.3	25.1	12.1	6.0	2.1	
-10	0.7	2.2	6.3	12.0	23.6	67.9	406.6	979.7	979.7	406.6	67.9	23.6	12.0	6.3	2.2	0.7
-20		2.2	6.2	11.4	19.9	34.6	84.0	157.8	157.8	84.0	34.6	19.9	11.4	6.2	2.2	
-30	0.7	2.0	5.7	10.6	16.6	24.5	34.7	40.7	40.7	34.7	24.5	16.6	10.6	5.7	2.0	0.7
-40		1.7	5.0	9.5	14.4	19.1	24.1	26.8	26.8	24.1	19.1	14.4	9.5	5.0	1.7	
-50	0.6	1.4	4.0	8.0	12.6	16.7	20.5	22.3	22.3	20.5	16.7	12.6	8.0	4.0	1.4	0.6
-60		1.1	2.9	5.9	9.6	13.3	16.8	18.6	18.6	16.8	13.3	9.6	5.9	2.9	1.1	
-70	0.3	1.1	2.9	5.9	9.6	13.3	16.8	18.6	18.6	16.8	13.3	9.6	5.9	2.9	1.1	0.3
-80		0.3	4.4	12.1	22.4	27.0	22.4	12.1	4.4	0.3						
-90	0.3	4.4	12.1	22.4	27.0	22.4	12.1	4.4	0.3							

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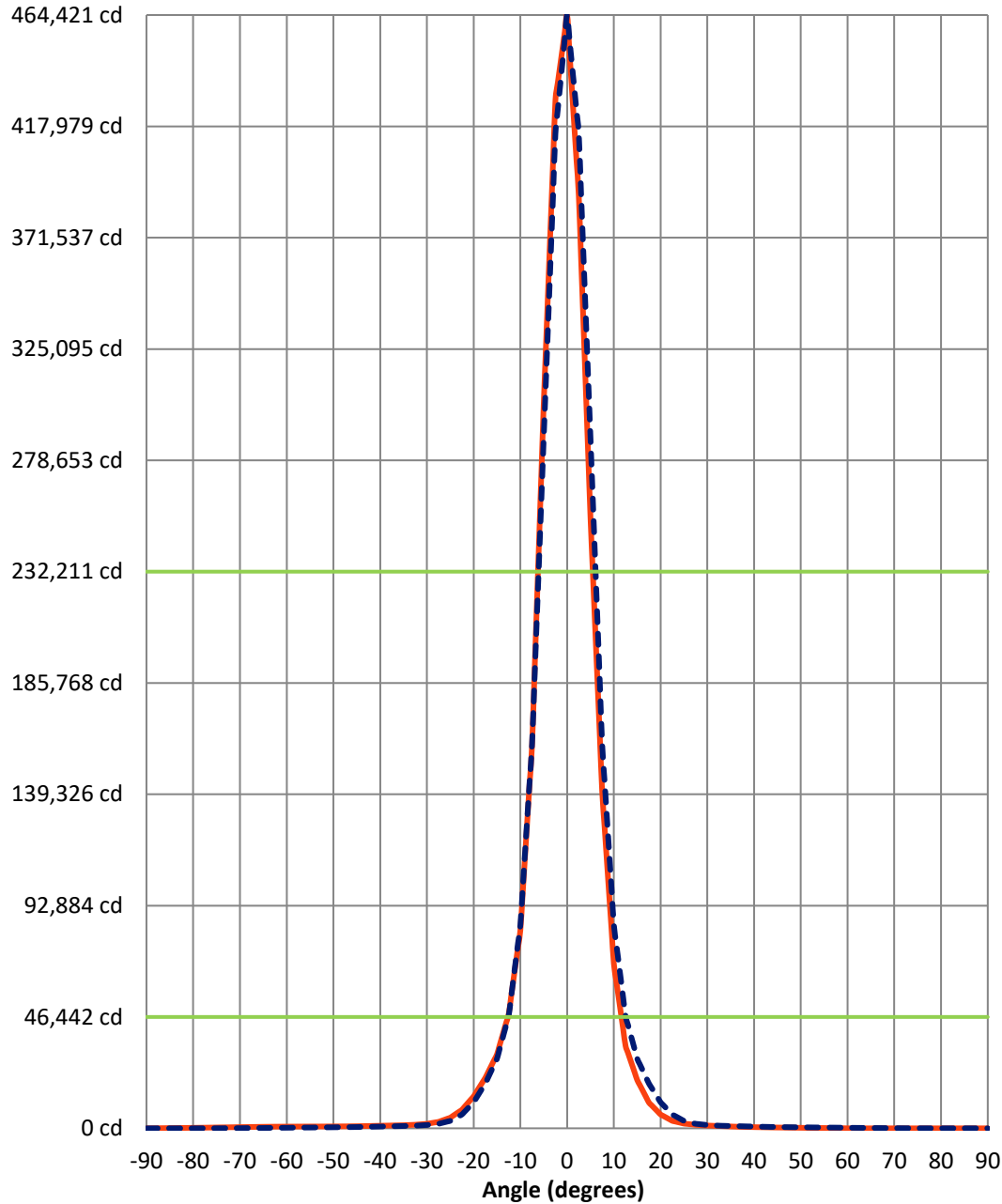
Luminous Intensity Polar Plot



— 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: 10148.7
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 23092
 Efficiency: 71.2%

Spill:
 Lumens: 9348
 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	5.8	5.8
85°	0.0	0.0	0.0	0.0	5.8	5.8	5.8	5.8	5.8	11.6	11.6
82.5°	0.0	0.0	0.0	0.0	5.8	5.8	5.8	5.8	11.6	11.6	11.6
80°	0.0	0.0	0.0	0.0	5.8	5.8	5.8	5.8	11.6	11.6	11.6
77.5°	0.0	0.0	0.0	0.0	5.8	5.8	5.8	5.8	5.8	5.8	11.6
75°	0.0	0.0	0.0	0.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8
72.5°	0.0	0.0	0.0	0.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8
70°	0.0	0.0	0.0	0.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8
67.5°	0.0	0.0	0.0	0.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8
65°	0.0	0.0	0.0	0.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8
62.5°	0.0	0.0	0.0	0.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8
60°	11.6	11.6	11.6	11.6	17.4	17.4	23.2	23.2	23.2	11.6	23.2
57.5°	93.0	93.0	87.2	81.4	75.6	69.7	69.7	69.7	69.7	69.7	58.1
55°	127.9	127.9	127.9	122.0	122.0	116.2	110.4	104.6	104.6	98.8	93.0
52.5°	151.1	151.1	151.1	151.1	145.3	145.3	145.3	139.5	127.9	127.9	122.0
50°	215.0	209.2	209.2	209.2	209.2	197.6	191.8	180.2	174.4	168.5	162.7
47.5°	279.0	279.0	273.2	273.2	267.3	255.7	244.1	232.5	220.8	215.0	203.4
45°	331.3	331.3	325.5	325.5	319.6	308.0	290.6	273.2	261.5	249.9	238.3
42.5°	406.8	401.0	395.2	389.4	377.8	360.3	337.1	313.8	296.4	279.0	267.3
40°	488.2	488.2	482.4	476.6	459.1	441.7	412.6	383.6	354.5	319.6	302.2
37.5°	587.0	592.8	598.6	598.6	587.0	563.7	523.1	488.2	441.7	395.2	372.0
35°	767.1	767.1	778.8	778.8	761.3	732.3	703.2	627.7	569.5	511.4	459.1
32.5°	964.7	970.6	947.3	929.9	906.6	871.8	819.5	755.5	691.6	616.0	557.9
30°	1156.5	1156.5	1127.5	1092.6	1046.1	988.0	924.1	854.3	778.8	703.2	633.5
27.5°	1458.7	1429.7	1406.4	1348.3	1267.0	1156.5	1075.2	964.7	865.9	778.8	703.2
25°	1958.6	1952.7	1900.4	1801.6	1638.9	1464.6	1330.9	1144.9	993.8	860.1	773.0
22.5°	3115.1	3074.4	2952.4	2708.3	2324.7	2022.5	1749.3	1458.7	1185.6	1005.4	865.9
20°	5759.4	5625.8	5300.3	4626.1	3766.0	3173.2	2493.2	2005.0	1545.9	1208.8	999.6
17.5°	10745.9	10658.7	10536.7	8979.1	7229.8	5974.5	4446.0	3074.4	2196.8	1580.8	1185.6
15°	20143.5	19498.4	18150.0	16284.5	13837.7	10693.6	7863.3	4963.2	3138.3	2103.8	1505.2
12.5°	34434.5	33719.7	30238.4	25571.6	21172.1	16697.1	11722.3	7543.6	4469.2	2673.4	1784.2
10°	68613.3	63423.4	53677.1	40060.3	31267.1	23316.7	16458.8	10292.6	5817.5	3376.6	2115.5
7.5°	140533.4	123574.8	95225.2	67224.3	43512.4	30581.3	21021.0	13460.0	7752.8	4225.1	2417.7
5°	254710.7	224623.4	169225.9	101897.1	63185.1	38328.4	24943.9	16005.5	9176.7	4916.7	2719.9
2.5°	388926.8	350005.6	244656.4	140115.0	77912.0	44326.1	27687.1	17679.3	10083.4	5387.5	2952.4
0°	464421.1	414847.1	288122.3	160415.4	84926.8	46871.6	29029.6	18684.7	10850.5	5771.0	3103.5
-2.5°	429010.3	389101.1	264788.2	149012.7	81155.0	45755.7	29221.4	18934.6	10978.4	5875.7	3173.2
-5°	302366.9	269612.0	183214.8	109963.7	68857.4	42146.7	27570.8	17993.1	10623.8	5724.6	3144.1
-7.5°	159967.9	145147.9	108656.1	79016.3	50259.8	35672.4	24821.9	16325.1	9705.6	5317.7	2969.8
-10°	82648.6	79609.1	68601.7	51712.8	40670.5	29883.9	21183.8	13959.8	8113.2	4579.6	2673.4
-12.5°	47650.4	47133.1	43593.8	37421.7	31185.7	24548.7	17382.9	11385.2	6770.7	3795.1	2255.0
-15°	30854.5	31075.3	29843.2	27274.4	23723.5	18370.9	13355.4	8467.7	5009.7	3074.4	1987.6
-17.5°	21055.9	20997.8	20422.4	18661.5	15802.1	12408.0	8851.3	5980.3	3795.1	2394.4	1650.5
-20°	13320.5	13343.7	12809.1	11594.4	9490.6	7648.2	5509.5	4033.3	2690.8	1883.0	1458.7



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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°	7729.6	7747.0	7410.0	6724.2	5619.9	4533.1	3580.0	2667.6	1981.8	1569.2	1278.6
-25°	4440.2	4370.4	4236.8	3905.5	3388.2	2795.4	2377.0	1877.2	1586.6	1330.9	1168.2
-27.5°	2690.8	2644.3	2574.6	2429.3	2225.9	1929.5	1737.7	1516.9	1348.3	1197.2	1098.4
-30°	1877.2	1894.6	1836.5	1761.0	1668.0	1534.3	1429.7	1325.1	1214.7	1121.7	1028.7
-32.5°	1493.6	1505.2	1476.2	1447.1	1400.6	1348.3	1284.4	1208.8	1121.7	1034.5	947.3
-35°	1284.4	1290.2	1290.2	1284.4	1272.8	1232.1	1185.6	1115.9	1034.5	953.1	877.6
-37.5°	1179.8	1185.6	1185.6	1179.8	1162.3	1127.5	1081.0	1022.9	947.3	871.8	813.6
-40°	1069.4	1075.2	1069.4	1057.7	1040.3	1005.4	970.6	924.1	865.9	802.0	749.7
-42.5°	964.7	958.9	953.1	941.5	924.1	900.8	871.8	836.9	796.2	749.7	709.0
-45°	865.9	865.9	860.1	854.3	842.7	825.3	807.8	778.8	749.7	714.8	680.0
-47.5°	813.6	813.6	807.8	802.0	796.2	784.6	767.1	743.9	720.7	691.6	662.5
-50°	778.8	778.8	778.8	773.0	767.1	755.5	738.1	720.7	697.4	668.3	639.3
-52.5°	755.5	755.5	755.5	749.7	743.9	738.1	720.7	697.4	668.3	645.1	621.9
-55°	743.9	738.1	738.1	732.3	726.5	720.7	697.4	674.2	650.9	627.7	604.4
-57.5°	726.5	720.7	720.7	714.8	709.0	703.2	680.0	656.7	633.5	604.4	587.0
-60°	709.0	703.2	703.2	691.6	685.8	680.0	656.7	633.5	610.2	587.0	563.7
-62.5°	685.8	680.0	674.2	668.3	656.7	645.1	627.7	604.4	575.4	552.1	528.9
-65°	633.5	627.7	621.9	616.0	610.2	604.4	587.0	557.9	534.7	511.4	488.2
-67.5°	569.5	569.5	569.5	557.9	552.1	540.5	528.9	505.6	482.4	459.1	441.7
-70°	494.0	494.0	494.0	482.4	476.6	470.8	453.3	435.9	418.4	401.0	377.8
-72.5°	418.4	412.6	412.6	406.8	395.2	389.4	377.8	366.1	348.7	337.1	319.6
-75°	342.9	337.1	337.1	331.3	325.5	319.6	308.0	302.2	290.6	279.0	261.5
-77.5°	273.2	273.2	273.2	267.3	261.5	255.7	249.9	244.1	238.3	226.7	215.0
-80°	209.2	209.2	209.2	209.2	209.2	209.2	209.2	203.4	191.8	186.0	180.2
-82.5°	151.1	156.9	156.9	156.9	156.9	156.9	156.9	156.9	151.1	145.3	139.5
-85°	98.8	104.6	104.6	110.4	116.2	116.2	122.0	116.2	110.4	98.8	93.0
-87.5°	52.3	52.3	52.3	52.3	52.3	52.3	52.3	46.5	46.5	46.5	40.7
-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°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	11.6	11.6	11.6
85°	11.6	11.6	11.6	11.6	17.4	17.4	17.4	23.2	23.2	23.2	23.2
82.5°	11.6	17.4	17.4	17.4	23.2	23.2	29.1	34.9	46.5	52.3	52.3
80°	11.6	17.4	17.4	17.4	23.2	23.2	29.1	29.1	34.9	40.7	52.3
77.5°	11.6	11.6	17.4	17.4	17.4	23.2	23.2	29.1	29.1	34.9	40.7
75°	5.8	11.6	11.6	11.6	17.4	17.4	23.2	23.2	29.1	29.1	34.9
72.5°	5.8	11.6	11.6	11.6	17.4	17.4	23.2	23.2	23.2	29.1	29.1
70°	5.8	11.6	11.6	11.6	11.6	17.4	17.4	17.4	23.2	23.2	23.2
67.5°	5.8	5.8	5.8	11.6	11.6	11.6	11.6	17.4	17.4	17.4	23.2
65°	5.8	5.8	5.8	5.8	11.6	11.6	11.6	11.6	17.4	17.4	17.4
62.5°	5.8	5.8	5.8	11.6	11.6	11.6	11.6	11.6	17.4	17.4	17.4
60°	23.2	23.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
57.5°	52.3	52.3	46.5	40.7	34.9	34.9	29.1	23.2	23.2	17.4	17.4
55°	87.2	81.4	75.6	63.9	58.1	52.3	46.5	34.9	29.1	23.2	17.4
52.5°	110.4	104.6	98.8	93.0	81.4	69.7	63.9	58.1	46.5	34.9	29.1
50°	162.7	145.3	133.7	122.0	110.4	98.8	87.2	81.4	63.9	52.3	40.7
47.5°	197.6	186.0	168.5	156.9	145.3	127.9	110.4	98.8	87.2	69.7	52.3
45°	226.7	215.0	197.6	186.0	174.4	156.9	139.5	122.0	110.4	93.0	69.7
42.5°	255.7	244.1	226.7	215.0	197.6	180.2	162.7	145.3	127.9	116.2	93.0
40°	296.4	279.0	255.7	244.1	232.5	209.2	186.0	168.5	151.1	133.7	110.4
37.5°	348.7	331.3	302.2	279.0	261.5	244.1	220.8	197.6	180.2	156.9	133.7
35°	430.1	401.0	360.3	325.5	302.2	279.0	249.9	226.7	203.4	180.2	156.9
32.5°	511.4	464.9	412.6	372.0	337.1	308.0	279.0	255.7	226.7	197.6	174.4
30°	575.4	523.1	470.8	412.6	372.0	337.1	308.0	279.0	249.9	220.8	191.8
27.5°	639.3	581.2	523.1	464.9	406.8	360.3	331.3	302.2	273.2	244.1	209.2
25°	703.2	639.3	581.2	517.2	447.5	395.2	354.5	331.3	302.2	267.3	226.7
22.5°	761.3	703.2	645.1	575.4	494.0	424.3	383.6	354.5	325.5	284.8	249.9
20°	871.8	796.2	726.5	639.3	546.3	476.6	424.3	383.6	348.7	308.0	267.3
17.5°	1017.1	906.6	813.6	714.8	621.9	534.7	459.1	412.6	377.8	331.3	284.8
15°	1203.0	1011.2	895.0	796.2	685.8	587.0	505.6	441.7	395.2	348.7	308.0
12.5°	1342.5	1092.6	964.7	871.8	755.5	645.1	540.5	464.9	412.6	366.1	319.6
10°	1499.4	1179.8	1022.9	918.3	796.2	674.2	563.7	482.4	424.3	383.6	337.1
7.5°	1627.3	1249.5	1051.9	935.7	819.5	697.4	587.0	499.8	441.7	395.2	348.7
5°	1743.5	1307.6	1075.2	941.5	831.1	714.8	598.6	511.4	453.3	406.8	360.3
2.5°	1824.9	1359.9	1098.4	953.1	842.7	726.5	616.0	523.1	464.9	418.4	372.0
0°	1894.6	1377.4	1092.6	953.1	848.5	726.5	621.9	528.9	470.8	424.3	377.8
-2.5°	1917.9	1406.4	1121.7	964.7	860.1	738.1	633.5	534.7	476.6	430.1	389.4
-5°	1917.9	1383.2	1121.7	976.4	865.9	743.9	633.5	540.5	482.4	435.9	389.4
-7.5°	1848.1	1348.3	1115.9	988.0	871.8	749.7	633.5	546.3	488.2	441.7	395.2
-10°	1726.1	1296.0	1110.0	993.8	871.8	743.9	633.5	546.3	488.2	441.7	401.0
-12.5°	1528.5	1226.3	1081.0	982.2	860.1	732.3	627.7	546.3	488.2	447.5	401.0
-15°	1429.7	1168.2	1046.1	947.3	831.1	714.8	616.0	540.5	488.2	447.5	406.8
-17.5°	1296.0	1121.7	1011.2	912.4	807.8	697.4	604.4	540.5	488.2	441.7	406.8
-20°	1203.0	1069.4	970.6	883.4	778.8	680.0	598.6	534.7	488.2	441.7	406.8



REPORT NUMBER: P724051
 CATALOG NUMBER: IFLD-S-SA6C-727-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°	1121.7	1011.2	924.1	836.9	743.9	656.7	587.0	528.9	482.4	441.7	406.8
-25°	1057.7	958.9	877.6	796.2	714.8	639.3	575.4	523.1	476.6	441.7	401.0
-27.5°	999.6	906.6	831.1	755.5	680.0	621.9	563.7	517.2	476.6	435.9	395.2
-30°	935.7	860.1	784.6	714.8	662.5	604.4	552.1	505.6	470.8	430.1	389.4
-32.5°	871.8	802.0	738.1	685.8	639.3	592.8	546.3	499.8	459.1	418.4	377.8
-35°	813.6	749.7	703.2	656.7	621.9	581.2	534.7	488.2	453.3	412.6	377.8
-37.5°	755.5	709.0	668.3	633.5	598.6	563.7	517.2	476.6	441.7	401.0	360.3
-40°	709.0	674.2	645.1	616.0	581.2	540.5	505.6	464.9	430.1	389.4	342.9
-42.5°	680.0	650.9	621.9	592.8	563.7	528.9	494.0	453.3	418.4	377.8	331.3
-45°	650.9	627.7	604.4	581.2	552.1	517.2	476.6	435.9	401.0	360.3	325.5
-47.5°	633.5	610.2	587.0	569.5	546.3	499.8	464.9	424.3	383.6	348.7	308.0
-50°	616.0	592.8	575.4	552.1	523.1	482.4	447.5	406.8	372.0	331.3	296.4
-52.5°	598.6	575.4	552.1	528.9	499.8	464.9	430.1	395.2	354.5	313.8	279.0
-55°	581.2	557.9	534.7	511.4	482.4	453.3	418.4	372.0	331.3	290.6	255.7
-57.5°	563.7	546.3	517.2	488.2	459.1	430.1	389.4	348.7	308.0	267.3	238.3
-60°	540.5	517.2	494.0	459.1	430.1	395.2	360.3	325.5	284.8	249.9	220.8
-62.5°	505.6	482.4	459.1	424.3	395.2	366.1	337.1	296.4	267.3	232.5	203.4
-65°	464.9	441.7	418.4	389.4	360.3	331.3	308.0	273.2	244.1	215.0	191.8
-67.5°	418.4	395.2	377.8	348.7	325.5	296.4	273.2	244.1	215.0	191.8	168.5
-70°	360.3	342.9	325.5	302.2	279.0	255.7	232.5	209.2	186.0	168.5	145.3
-72.5°	308.0	290.6	273.2	255.7	238.3	215.0	197.6	180.2	162.7	145.3	133.7
-75°	249.9	238.3	226.7	215.0	197.6	180.2	168.5	151.1	139.5	127.9	122.0
-77.5°	209.2	197.6	186.0	174.4	162.7	151.1	139.5	127.9	122.0	116.2	110.4
-80°	168.5	162.7	156.9	145.3	139.5	127.9	122.0	110.4	110.4	110.4	110.4
-82.5°	133.7	127.9	122.0	116.2	110.4	104.6	104.6	98.8	104.6	104.6	98.8
-85°	93.0	87.2	81.4	81.4	75.6	75.6	69.7	69.7	69.7	63.9	63.9
-87.5°	40.7	40.7	40.7	40.7	34.9	34.9	34.9	34.9	34.9	29.1	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



REPORT NUMBER: P724051
 CATALOG NUMBER: IFLD-S-SA6C-727-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°	11.6	11.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	0.0	0.0
85°	23.2	23.2	17.4	17.4	17.4	11.6	11.6	5.8	5.8	5.8	5.8
82.5°	52.3	46.5	40.7	34.9	29.1	23.2	17.4	11.6	11.6	5.8	5.8
80°	63.9	63.9	63.9	58.1	46.5	34.9	23.2	17.4	11.6	5.8	5.8
77.5°	46.5	46.5	52.3	58.1	58.1	46.5	29.1	17.4	11.6	11.6	5.8
75°	34.9	34.9	34.9	40.7	46.5	46.5	34.9	23.2	11.6	11.6	5.8
72.5°	34.9	34.9	34.9	34.9	34.9	34.9	34.9	23.2	17.4	11.6	11.6
70°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	23.2	17.4	11.6	11.6
67.5°	23.2	23.2	29.1	29.1	29.1	23.2	23.2	23.2	17.4	11.6	11.6
65°	17.4	23.2	23.2	29.1	23.2	23.2	23.2	17.4	17.4	11.6	11.6
62.5°	17.4	17.4	23.2	23.2	23.2	23.2	17.4	17.4	17.4	11.6	11.6
60°	17.4	17.4	17.4	23.2	17.4	17.4	17.4	17.4	17.4	11.6	11.6
57.5°	17.4	17.4	17.4	17.4	17.4	17.4	17.4	11.6	11.6	11.6	11.6
55°	17.4	17.4	17.4	17.4	17.4	17.4	11.6	11.6	11.6	11.6	11.6
52.5°	23.2	17.4	17.4	17.4	17.4	17.4	11.6	11.6	11.6	11.6	11.6
50°	29.1	17.4	17.4	17.4	17.4	11.6	11.6	11.6	11.6	11.6	11.6
47.5°	40.7	29.1	23.2	17.4	17.4	11.6	11.6	11.6	11.6	11.6	5.8
45°	58.1	40.7	29.1	23.2	17.4	11.6	11.6	11.6	11.6	11.6	5.8
42.5°	69.7	52.3	34.9	29.1	23.2	17.4	11.6	11.6	11.6	5.8	5.8
40°	87.2	69.7	46.5	34.9	23.2	17.4	11.6	11.6	11.6	5.8	5.8
37.5°	110.4	87.2	58.1	40.7	29.1	17.4	17.4	11.6	11.6	5.8	5.8
35°	127.9	98.8	75.6	46.5	34.9	23.2	17.4	11.6	11.6	5.8	5.8
32.5°	145.3	116.2	93.0	58.1	40.7	29.1	23.2	11.6	11.6	5.8	5.8
30°	162.7	133.7	104.6	75.6	52.3	34.9	23.2	11.6	11.6	5.8	5.8
27.5°	180.2	145.3	116.2	87.2	58.1	40.7	29.1	17.4	11.6	5.8	5.8
25°	197.6	162.7	127.9	98.8	63.9	46.5	29.1	17.4	11.6	11.6	5.8
22.5°	209.2	180.2	145.3	110.4	75.6	52.3	34.9	23.2	11.6	11.6	5.8
20°	226.7	197.6	156.9	122.0	87.2	58.1	34.9	23.2	11.6	11.6	5.8
17.5°	244.1	209.2	168.5	133.7	98.8	63.9	40.7	29.1	11.6	11.6	5.8
15°	261.5	220.8	180.2	139.5	104.6	69.7	40.7	29.1	11.6	11.6	5.8
12.5°	279.0	238.3	191.8	151.1	110.4	75.6	46.5	34.9	17.4	11.6	5.8
10°	290.6	249.9	203.4	156.9	116.2	87.2	52.3	34.9	17.4	11.6	5.8
7.5°	308.0	261.5	215.0	168.5	122.0	93.0	58.1	34.9	17.4	11.6	5.8
5°	313.8	273.2	220.8	180.2	127.9	98.8	63.9	40.7	17.4	11.6	5.8
2.5°	319.6	284.8	226.7	186.0	133.7	98.8	63.9	40.7	23.2	11.6	5.8
0°	325.5	290.6	232.5	191.8	139.5	104.6	69.7	40.7	23.2	11.6	5.8
-2.5°	331.3	296.4	244.1	197.6	145.3	110.4	75.6	40.7	23.2	11.6	5.8
-5°	337.1	296.4	255.7	203.4	151.1	110.4	75.6	46.5	29.1	11.6	5.8
-7.5°	342.9	302.2	261.5	209.2	156.9	110.4	81.4	46.5	29.1	17.4	5.8
-10°	348.7	308.0	267.3	215.0	156.9	116.2	81.4	46.5	29.1	17.4	5.8
-12.5°	354.5	313.8	267.3	215.0	162.7	116.2	81.4	52.3	29.1	17.4	5.8
-15°	360.3	313.8	267.3	215.0	162.7	122.0	87.2	52.3	29.1	17.4	11.6
-17.5°	360.3	313.8	267.3	220.8	162.7	122.0	87.2	52.3	29.1	17.4	11.6
-20°	360.3	313.8	267.3	220.8	162.7	122.0	87.2	52.3	29.1	17.4	11.6



REPORT NUMBER: P724051
 CATALOG NUMBER: IFLD-S-SA6C-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	354.5	308.0	267.3	215.0	162.7	122.0	87.2	52.3	34.9	17.4	11.6
-25°	354.5	308.0	267.3	215.0	162.7	122.0	81.4	52.3	34.9	17.4	11.6
-27.5°	348.7	308.0	261.5	209.2	156.9	116.2	81.4	52.3	34.9	17.4	11.6
-30°	342.9	302.2	255.7	203.4	156.9	116.2	81.4	52.3	34.9	17.4	11.6
-32.5°	337.1	290.6	249.9	197.6	151.1	110.4	81.4	52.3	34.9	17.4	11.6
-35°	325.5	284.8	238.3	191.8	145.3	110.4	75.6	52.3	34.9	23.2	11.6
-37.5°	313.8	273.2	232.5	186.0	139.5	104.6	75.6	52.3	34.9	23.2	11.6
-40°	302.2	267.3	220.8	174.4	133.7	98.8	75.6	52.3	34.9	23.2	17.4
-42.5°	290.6	255.7	215.0	168.5	133.7	98.8	69.7	52.3	34.9	23.2	17.4
-45°	284.8	249.9	203.4	162.7	127.9	98.8	69.7	46.5	34.9	23.2	17.4
-47.5°	273.2	232.5	191.8	156.9	122.0	93.0	63.9	46.5	34.9	23.2	17.4
-50°	255.7	220.8	186.0	151.1	116.2	87.2	63.9	46.5	34.9	23.2	17.4
-52.5°	238.3	203.4	174.4	139.5	110.4	87.2	63.9	46.5	34.9	23.2	17.4
-55°	220.8	191.8	162.7	133.7	104.6	81.4	58.1	46.5	34.9	23.2	17.4
-57.5°	209.2	180.2	151.1	122.0	98.8	75.6	58.1	40.7	29.1	23.2	17.4
-60°	197.6	168.5	139.5	116.2	93.0	75.6	58.1	40.7	29.1	23.2	11.6
-62.5°	180.2	156.9	127.9	110.4	87.2	69.7	52.3	40.7	29.1	23.2	11.6
-65°	162.7	139.5	116.2	98.8	81.4	63.9	52.3	40.7	29.1	23.2	11.6
-67.5°	145.3	127.9	110.4	93.0	75.6	63.9	52.3	40.7	29.1	17.4	11.6
-70°	133.7	116.2	98.8	87.2	75.6	58.1	52.3	40.7	29.1	17.4	11.6
-72.5°	116.2	104.6	93.0	81.4	69.7	63.9	52.3	40.7	23.2	17.4	11.6
-75°	110.4	98.8	87.2	81.4	75.6	63.9	52.3	34.9	23.2	17.4	11.6
-77.5°	110.4	98.8	93.0	87.2	75.6	63.9	46.5	29.1	17.4	17.4	11.6
-80°	110.4	104.6	98.8	81.4	69.7	52.3	34.9	29.1	17.4	11.6	5.8
-82.5°	98.8	81.4	69.7	58.1	52.3	40.7	29.1	23.2	11.6	11.6	5.8
-85°	63.9	52.3	46.5	40.7	34.9	29.1	17.4	11.6	11.6	5.8	5.8
-87.5°	29.1	29.1	23.2	17.4	17.4	11.6	11.6	5.8	5.8	5.8	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: P724051
 CATALOG NUMBER: IFLD-S-SA6C-727-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°	5.8	0.0	0.0	0.0
77.5°	5.8	0.0	0.0	0.0
75°	5.8	5.8	0.0	0.0
72.5°	5.8	5.8	0.0	0.0
70°	5.8	5.8	0.0	0.0
67.5°	5.8	5.8	0.0	0.0
65°	5.8	5.8	0.0	0.0
62.5°	5.8	5.8	0.0	0.0
60°	5.8	5.8	0.0	0.0
57.5°	5.8	5.8	5.8	0.0
55°	5.8	5.8	5.8	0.0
52.5°	5.8	5.8	5.8	0.0
50°	5.8	5.8	5.8	0.0
47.5°	5.8	5.8	5.8	0.0
45°	5.8	5.8	5.8	0.0
42.5°	5.8	5.8	5.8	0.0
40°	5.8	5.8	5.8	0.0
37.5°	5.8	5.8	5.8	0.0
35°	5.8	5.8	5.8	0.0
32.5°	5.8	5.8	5.8	0.0
30°	5.8	5.8	5.8	0.0
27.5°	5.8	5.8	5.8	0.0
25°	5.8	5.8	5.8	0.0
22.5°	5.8	5.8	5.8	0.0
20°	5.8	5.8	5.8	0.0
17.5°	5.8	5.8	5.8	0.0
15°	5.8	5.8	5.8	0.0
12.5°	5.8	5.8	5.8	0.0
10°	5.8	5.8	5.8	0.0
7.5°	5.8	5.8	5.8	0.0
5°	5.8	5.8	5.8	0.0
2.5°	5.8	5.8	5.8	0.0
0°	5.8	5.8	5.8	0.0
-2.5°	5.8	5.8	5.8	0.0
-5°	5.8	5.8	5.8	0.0
-7.5°	5.8	5.8	5.8	0.0
-10°	5.8	5.8	5.8	0.0
-12.5°	5.8	5.8	5.8	0.0
-15°	5.8	5.8	5.8	0.0
-17.5°	5.8	5.8	5.8	0.0
-20°	5.8	5.8	5.8	0.0



REPORT NUMBER: P724051

CATALOG NUMBER: IFLD-S-SA6C-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	5.8	5.8	5.8	0.0
-25°	5.8	5.8	5.8	0.0
-27.5°	5.8	5.8	5.8	0.0
-30°	5.8	5.8	5.8	0.0
-32.5°	5.8	5.8	5.8	0.0
-35°	5.8	5.8	5.8	0.0
-37.5°	5.8	5.8	5.8	0.0
-40°	5.8	5.8	5.8	0.0
-42.5°	5.8	5.8	5.8	0.0
-45°	5.8	5.8	5.8	0.0
-47.5°	5.8	5.8	5.8	0.0
-50°	5.8	5.8	5.8	0.0
-52.5°	5.8	5.8	5.8	0.0
-55°	5.8	5.8	5.8	0.0
-57.5°	5.8	5.8	5.8	0.0
-60°	5.8	5.8	0.0	0.0
-62.5°	5.8	5.8	0.0	0.0
-65°	5.8	5.8	0.0	0.0
-67.5°	5.8	5.8	0.0	0.0
-70°	5.8	5.8	0.0	0.0
-72.5°	5.8	5.8	0.0	0.0
-75°	5.8	5.8	0.0	0.0
-77.5°	5.8	0.0	0.0	0.0
-80°	5.8	0.0	0.0	0.0
-82.5°	5.8	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)