

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: P724149

Luminaire Tested: **IFLD-L-SA7D-740-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724149
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-740-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (112) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

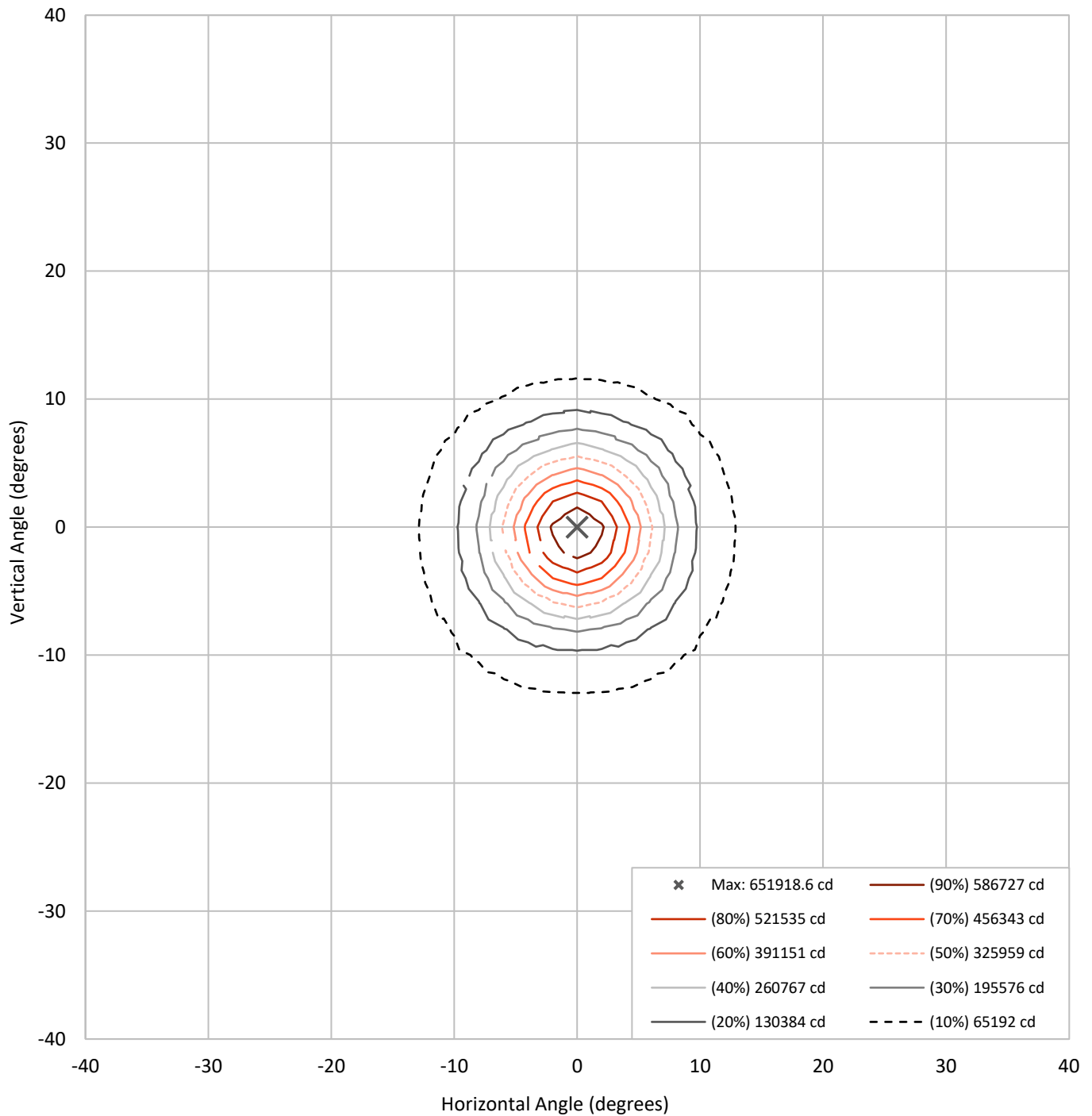
Lumens per Lamp: N/A	NEMA Type: 2H x 2V
Luminaire Lumens: 45536.8 lumens	Max Intensity: 651918.6 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 0°V
Efficacy: 107.8 lumens/watt	
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')	
Beam Angle (50%): 12.2°H x 11.7°V	Field Angle (10%): 25.1°H x 24.3°V
Beam Lumens: 14246 lumens	Field Lumens: 32414.8 lumens
Beam Efficiency: 31.3%	Field Efficiency: 71.2%

Input Watts (W): 422.6
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





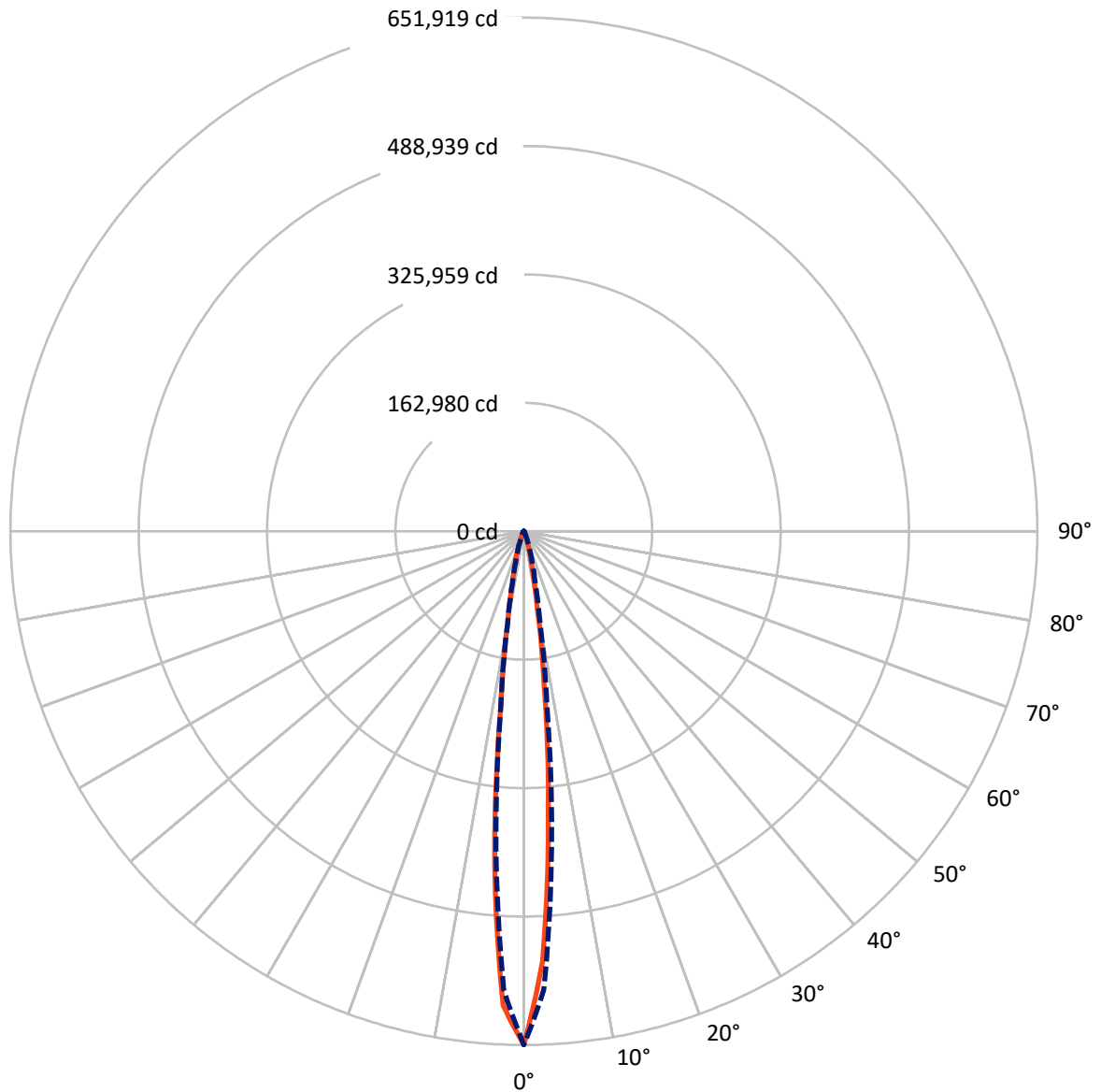
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Lumen Table

90	0.3	2.7		2.3		1.0		0.1		1.0		2.3		2.7		0.3			
80	0.3	2.7		2.3		1.0		0.1		1.0		2.3		2.7		0.3			
70	0.4	0.4	0.5	0.5	0.4	0.3	0.3	0.1	0.1	0.3	0.3	0.4	0.5	0.5	0.4	0.4			
60		0.3	0.5	1.3	2.4	3.5	4.4	5.0	5.0	4.4	3.5	2.4	1.3	0.5	0.3				
50	0.3	0.4	1.5	3.7	6.5	9.2	12.1	14.3	14.3	12.1	9.2	6.5	3.7	1.5	0.4	0.3			
40		0.7	3.2	6.9	11.6	18.3	27.7	33.1	33.1	27.7	18.3	11.6	6.9	3.2	0.7				
30	0.5	1.4	4.9	10.0	18.3	31.5	60.7	98.0	98.0	60.7	31.5	18.3	10.0	4.9	1.4	0.5			
20		2.0	6.5	13.7	27.7	68.7	358.8	907.6	907.6	358.8	68.7	27.7	13.7	6.5	2.0				
10	0.7	2.5	7.8	16.1	33.8	139.5	1155.5	7120.3	7120.3	1155.5	139.5	33.8	16.1	7.8	2.5	0.7			
0		2.9	8.5	17.0	35.3	159.0	1271.5	7841.4	7841.4	1271.5	159.0	35.3	17.0	8.5	2.9				
-10	1.0	3.1	8.8	16.9	33.1	95.3	570.7	1375.2	1375.2	570.7	95.3	33.1	16.9	8.8	3.1	1.0			
-20		3.1	8.7	16.1	28.0	48.5	117.9	221.6	221.6	117.9	48.5	28.0	16.1	8.7	3.1				
-30	1.0	2.8	8.1	14.9	23.3	34.4	48.7	57.2	57.2	48.7	34.4	23.3	14.9	8.1	2.8	1.0			
-40		2.4	7.0	13.3	20.3	26.8	33.9	37.6	37.6	33.9	26.8	20.3	13.3	7.0	2.4				
-50	0.8	2.0	5.6	11.2	17.8	23.4	28.7	31.3	31.3	28.7	23.4	17.8	11.2	5.6	2.0	0.8			
-60		1.5	4.1	8.2	13.5	18.7	23.5	26.1	26.1	23.5	18.7	13.5	8.2	4.1	1.5				
-70	0.5	6.2	17.0		31.5		37.9		31.5		17.0		6.2		0.5				
-80		6.2	17.0		31.5		37.9		31.5		17.0		6.2						
-90	0.5	6.2		17.0		31.5		37.9		31.5		17.0		6.2		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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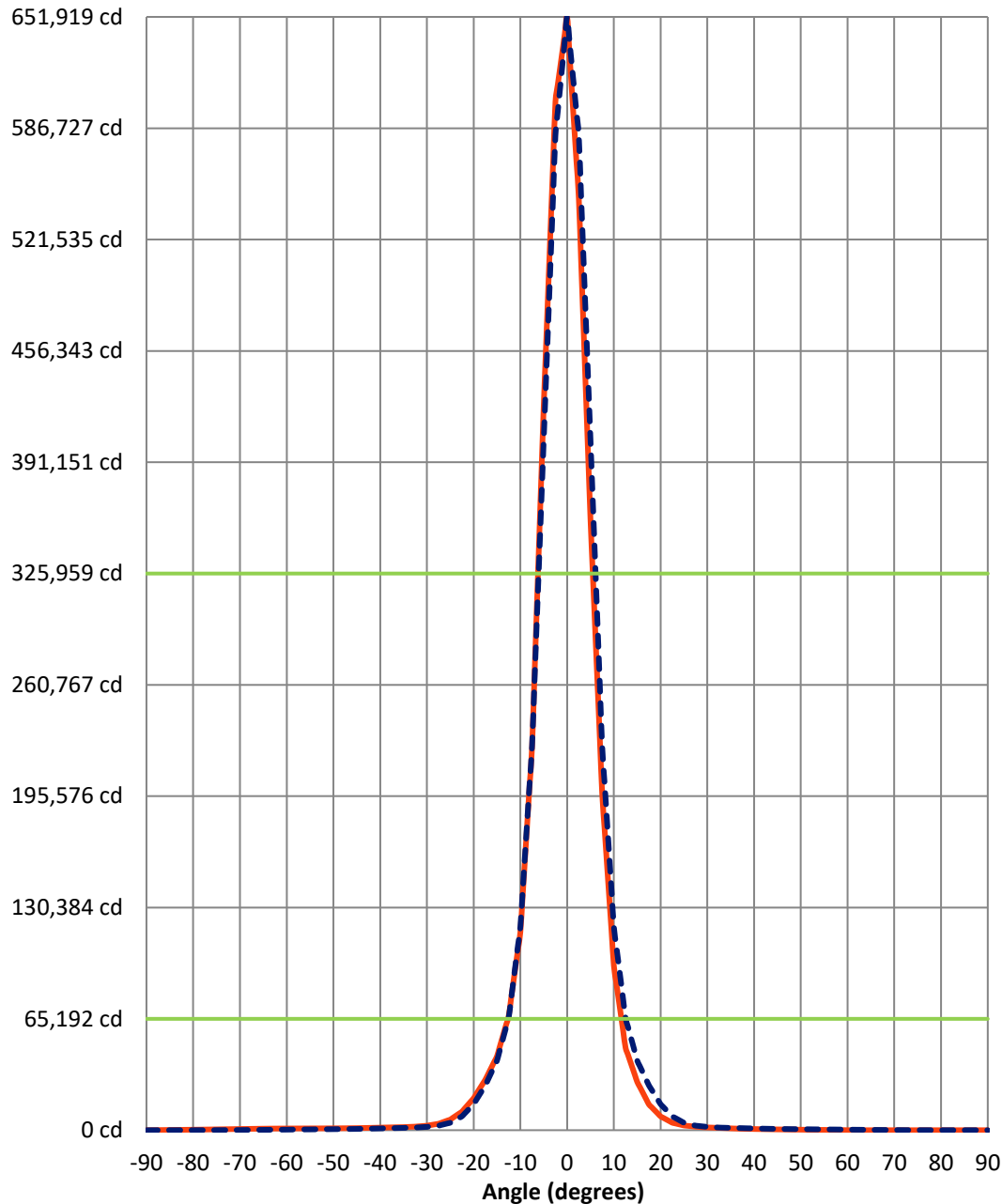
Luminous Intensity Polar Plot



— 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: 14246
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 32414.8
 Efficiency: 71.2%

Spill:
 Lumens: 13122
 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	8.2	8.2
85°	0.0	0.0	0.0	0.0	8.2	8.2	8.2	8.2	8.2	16.3	16.3
82.5°	0.0	0.0	0.0	0.0	8.2	8.2	8.2	8.2	16.3	16.3	16.3
80°	0.0	0.0	0.0	0.0	8.2	8.2	8.2	8.2	16.3	16.3	16.3
77.5°	0.0	0.0	0.0	0.0	8.2	8.2	8.2	8.2	8.2	8.2	16.3
75°	0.0	0.0	0.0	0.0	8.2	8.2	8.2	8.2	8.2	8.2	8.2
72.5°	0.0	0.0	0.0	0.0	8.2	8.2	8.2	8.2	8.2	8.2	8.2
70°	0.0	0.0	0.0	0.0	8.2	8.2	8.2	8.2	8.2	8.2	8.2
67.5°	0.0	0.0	0.0	0.0	8.2	8.2	8.2	8.2	8.2	8.2	8.2
65°	0.0	0.0	0.0	0.0	8.2	8.2	8.2	8.2	8.2	8.2	8.2
62.5°	0.0	0.0	0.0	0.0	8.2	8.2	8.2	8.2	8.2	8.2	8.2
60°	16.3	16.3	16.3	16.3	24.5	24.5	32.6	32.6	32.6	16.3	32.6
57.5°	130.5	130.5	122.4	114.2	106.1	97.9	97.9	97.9	97.9	97.9	81.6
55°	179.5	179.5	179.5	171.3	171.3	163.2	155.0	146.8	146.8	138.7	130.5
52.5°	212.1	212.1	212.1	212.1	204.0	204.0	204.0	195.8	179.5	179.5	171.3
50°	301.8	293.7	293.7	293.7	293.7	277.4	269.2	252.9	244.7	236.6	228.4
47.5°	391.6	391.6	383.4	383.4	375.3	359.0	342.6	326.3	310.0	301.8	285.5
45°	465.0	465.0	456.9	456.9	448.7	432.4	407.9	383.4	367.1	350.8	334.5
42.5°	571.1	562.9	554.7	546.6	530.3	505.8	473.2	440.5	416.1	391.6	375.3
40°	685.3	685.3	677.1	669.0	644.5	620.0	579.2	538.4	497.6	448.7	424.2
37.5°	824.0	832.1	840.3	840.3	824.0	791.3	734.2	685.3	620.0	554.7	522.1
35°	1076.9	1076.9	1093.2	1093.2	1068.7	1027.9	987.1	881.1	799.5	717.9	644.5
32.5°	1354.2	1362.4	1329.8	1305.3	1272.7	1223.7	1150.3	1060.5	970.8	864.8	783.2
30°	1623.5	1623.5	1582.7	1533.7	1468.5	1386.9	1297.1	1199.2	1093.2	987.1	889.2
27.5°	2047.7	2006.9	1974.3	1892.7	1778.5	1623.5	1509.2	1354.2	1215.6	1093.2	987.1
25°	2749.3	2741.1	2667.7	2529.0	2300.6	2055.8	1868.2	1607.1	1395.0	1207.4	1085.0
22.5°	4372.7	4315.6	4144.3	3801.7	3263.2	2839.0	2455.6	2047.7	1664.2	1411.3	1215.6
20°	8084.6	7897.0	7440.1	6493.8	5286.4	4454.3	3499.8	2814.5	2170.0	1696.9	1403.2
17.5°	15084.2	14961.9	14790.6	12604.2	10148.6	8386.5	6240.9	4315.6	3083.7	2219.0	1664.2
15°	28275.8	27370.3	25477.6	22858.9	19424.3	15010.8	11037.9	6967.0	4405.4	2953.2	2112.9
12.5°	48336.5	47333.1	42446.4	35895.5	29719.8	23438.1	16454.8	10589.2	6273.5	3752.7	2504.5
10°	96314.0	89028.9	75347.8	56233.5	43890.4	32730.1	23103.6	14447.9	8166.2	4739.8	2969.5
7.5°	197270.0	173464.8	133669.8	94364.3	61079.4	42927.7	29507.7	18894.1	10882.8	5930.9	3393.8
5°	357543.2	315308.9	237546.3	143035.2	88694.4	53802.4	35014.4	22467.3	12881.6	6901.7	3818.0
2.5°	545945.4	491310.9	343429.8	196682.6	109366.9	62221.5	38865.0	24816.8	14154.2	7562.5	4144.3
0°	651918.6	582330.3	404443.9	225178.7	119213.7	65794.7	40749.5	26228.2	15231.1	8101.0	4356.4
-2.5°	602211.5	546190.1	371689.3	209172.6	113919.1	64228.4	41018.7	26579.0	15410.6	8247.8	4454.3
-5°	424439.3	378460.5	257182.8	154358.6	96656.7	59162.2	38701.8	25257.3	14912.9	8035.7	4413.5
-7.5°	224550.5	203747.5	152523.1	110917.0	70550.9	50074.2	34843.1	22916.0	13624.0	7464.6	4168.8
-10°	116015.7	111749.1	96297.7	72590.4	57090.1	41948.7	29736.1	19595.7	11388.6	6428.5	3752.7
-12.5°	66887.9	66161.9	61193.6	52529.7	43776.1	34459.6	24400.8	15981.6	9504.1	5327.2	3165.3
-15°	43311.1	43621.1	41891.6	38285.8	33301.2	25787.6	18747.2	11886.3	7032.2	4315.6	2790.1
-17.5°	29556.6	29475.1	28667.4	26195.5	22181.8	17417.5	12424.7	8394.6	5327.2	3361.1	2316.9
-20°	18698.3	18730.9	17980.4	16275.3	13322.1	10736.0	7733.8	5661.7	3777.2	2643.2	2047.7



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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°	10850.2	10874.7	10401.5	9438.9	7888.8	6363.3	5025.4	3744.5	2781.9	2202.7	1794.8
-25°	6232.8	6134.9	5947.2	5482.2	4756.1	3924.0	3336.6	2635.1	2227.1	1868.2	1639.8
-27.5°	3777.2	3711.9	3614.0	3410.1	3124.5	2708.5	2439.3	2129.3	1892.7	1680.6	1541.9
-30°	2635.1	2659.5	2577.9	2471.9	2341.4	2153.7	2006.9	1860.0	1705.0	1574.5	1444.0
-32.5°	2096.6	2112.9	2072.1	2031.4	1966.1	1892.7	1802.9	1696.9	1574.5	1452.1	1329.8
-35°	1802.9	1811.1	1811.1	1802.9	1786.6	1729.5	1664.2	1566.3	1452.1	1337.9	1231.9
-37.5°	1656.1	1664.2	1664.2	1656.1	1631.6	1582.7	1517.4	1435.8	1329.8	1223.7	1142.1
-40°	1501.1	1509.2	1501.1	1484.8	1460.3	1411.3	1362.4	1297.1	1215.6	1125.8	1052.4
-42.5°	1354.2	1346.1	1337.9	1321.6	1297.1	1264.5	1223.7	1174.8	1117.7	1052.4	995.3
-45°	1215.6	1215.6	1207.4	1199.2	1182.9	1158.4	1134.0	1093.2	1052.4	1003.4	954.5
-47.5°	1142.1	1142.1	1134.0	1125.8	1117.7	1101.3	1076.9	1044.2	1011.6	970.8	930.0
-50°	1093.2	1093.2	1093.2	1085.0	1076.9	1060.5	1036.1	1011.6	979.0	938.2	897.4
-52.5°	1060.5	1060.5	1060.5	1052.4	1044.2	1036.1	1011.6	979.0	938.2	905.5	872.9
-55°	1044.2	1036.1	1036.1	1027.9	1019.8	1011.6	979.0	946.3	913.7	881.1	848.4
-57.5°	1019.8	1011.6	1011.6	1003.4	995.3	987.1	954.5	921.9	889.2	848.4	824.0
-60°	995.3	987.1	987.1	970.8	962.7	954.5	921.9	889.2	856.6	824.0	791.3
-62.5°	962.7	954.5	946.3	938.2	921.9	905.5	881.1	848.4	807.6	775.0	742.4
-65°	889.2	881.1	872.9	864.8	856.6	848.4	824.0	783.2	750.5	717.9	685.3
-67.5°	799.5	799.5	799.5	783.2	775.0	758.7	742.4	709.8	677.1	644.5	620.0
-70°	693.4	693.4	693.4	677.1	669.0	660.8	636.3	611.9	587.4	562.9	530.3
-72.5°	587.4	579.2	579.2	571.1	554.7	546.6	530.3	514.0	489.5	473.2	448.7
-75°	481.3	473.2	473.2	465.0	456.9	448.7	432.4	424.2	407.9	391.6	367.1
-77.5°	383.4	383.4	383.4	375.3	367.1	359.0	350.8	342.6	334.5	318.2	301.8
-80°	293.7	293.7	293.7	293.7	293.7	293.7	293.7	285.5	269.2	261.1	252.9
-82.5°	212.1	220.3	220.3	220.3	220.3	220.3	220.3	220.3	212.1	204.0	195.8
-85°	138.7	146.8	146.8	155.0	163.2	163.2	171.3	163.2	155.0	138.7	130.5
-87.5°	73.4	73.4	73.4	73.4	73.4	73.4	73.4	65.3	65.3	65.3	57.1
-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°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	16.3	16.3	16.3
85°	16.3	16.3	16.3	16.3	24.5	24.5	24.5	32.6	32.6	32.6	32.6
82.5°	16.3	24.5	24.5	24.5	32.6	32.6	40.8	48.9	65.3	73.4	73.4
80°	16.3	24.5	24.5	24.5	32.6	32.6	40.8	40.8	48.9	57.1	73.4
77.5°	16.3	16.3	24.5	24.5	24.5	32.6	32.6	40.8	40.8	48.9	57.1
75°	8.2	16.3	16.3	16.3	24.5	24.5	32.6	32.6	40.8	40.8	48.9
72.5°	8.2	16.3	16.3	16.3	24.5	24.5	32.6	32.6	32.6	40.8	40.8
70°	8.2	16.3	16.3	16.3	16.3	24.5	24.5	24.5	32.6	32.6	32.6
67.5°	8.2	8.2	8.2	16.3	16.3	16.3	16.3	24.5	24.5	24.5	32.6
65°	8.2	8.2	8.2	8.2	16.3	16.3	16.3	16.3	24.5	24.5	24.5
62.5°	8.2	8.2	8.2	16.3	16.3	16.3	16.3	16.3	24.5	24.5	24.5
60°	32.6	32.6	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
57.5°	73.4	73.4	65.3	57.1	48.9	48.9	40.8	32.6	32.6	24.5	24.5
55°	122.4	114.2	106.1	89.7	81.6	73.4	65.3	48.9	40.8	32.6	24.5
52.5°	155.0	146.8	138.7	130.5	114.2	97.9	89.7	81.6	65.3	48.9	40.8
50°	228.4	204.0	187.6	171.3	155.0	138.7	122.4	114.2	89.7	73.4	57.1
47.5°	277.4	261.1	236.6	220.3	204.0	179.5	155.0	138.7	122.4	97.9	73.4
45°	318.2	301.8	277.4	261.1	244.7	220.3	195.8	171.3	155.0	130.5	97.9
42.5°	359.0	342.6	318.2	301.8	277.4	252.9	228.4	204.0	179.5	163.2	130.5
40°	416.1	391.6	359.0	342.6	326.3	293.7	261.1	236.6	212.1	187.6	155.0
37.5°	489.5	465.0	424.2	391.6	367.1	342.6	310.0	277.4	252.9	220.3	187.6
35°	603.7	562.9	505.8	456.9	424.2	391.6	350.8	318.2	285.5	252.9	220.3
32.5°	717.9	652.6	579.2	522.1	473.2	432.4	391.6	359.0	318.2	277.4	244.7
30°	807.6	734.2	660.8	579.2	522.1	473.2	432.4	391.6	350.8	310.0	269.2
27.5°	897.4	815.8	734.2	652.6	571.1	505.8	465.0	424.2	383.4	342.6	293.7
25°	987.1	897.4	815.8	726.1	628.2	554.7	497.6	465.0	424.2	375.3	318.2
22.5°	1068.7	987.1	905.5	807.6	693.4	595.5	538.4	497.6	456.9	399.7	350.8
20°	1223.7	1117.7	1019.8	897.4	766.9	669.0	595.5	538.4	489.5	432.4	375.3
17.5°	1427.7	1272.7	1142.1	1003.4	872.9	750.5	644.5	579.2	530.3	465.0	399.7
15°	1688.7	1419.5	1256.3	1117.7	962.7	824.0	709.8	620.0	554.7	489.5	432.4
12.5°	1884.5	1533.7	1354.2	1223.7	1060.5	905.5	758.7	652.6	579.2	514.0	448.7
10°	2104.8	1656.1	1435.8	1289.0	1117.7	946.3	791.3	677.1	595.5	538.4	473.2
7.5°	2284.3	1754.0	1476.6	1313.4	1150.3	979.0	824.0	701.6	620.0	554.7	489.5
5°	2447.4	1835.6	1509.2	1321.6	1166.6	1003.4	840.3	717.9	636.3	571.1	505.8
2.5°	2561.6	1909.0	1541.9	1337.9	1182.9	1019.8	864.8	734.2	652.6	587.4	522.1
0°	2659.5	1933.5	1533.7	1337.9	1191.1	1019.8	872.9	742.4	660.8	595.5	530.3
-2.5°	2692.2	1974.3	1574.5	1354.2	1207.4	1036.1	889.2	750.5	669.0	603.7	546.6
-5°	2692.2	1941.6	1574.5	1370.6	1215.6	1044.2	889.2	758.7	677.1	611.9	546.6
-7.5°	2594.3	1892.7	1566.3	1386.9	1223.7	1052.4	889.2	766.9	685.3	620.0	554.7
-10°	2422.9	1819.2	1558.2	1395.0	1223.7	1044.2	889.2	766.9	685.3	620.0	562.9
-12.5°	2145.6	1721.4	1517.4	1378.7	1207.4	1027.9	881.1	766.9	685.3	628.2	562.9
-15°	2006.9	1639.8	1468.5	1329.8	1166.6	1003.4	864.8	758.7	685.3	628.2	571.1
-17.5°	1819.2	1574.5	1419.5	1280.8	1134.0	979.0	848.4	758.7	685.3	620.0	571.1
-20°	1688.7	1501.1	1362.4	1240.0	1093.2	954.5	840.3	750.5	685.3	620.0	571.1



REPORT NUMBER: P724149
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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1574.5	1419.5	1297.1	1174.8	1044.2	921.9	824.0	742.4	677.1	620.0	571.1
-25°	1484.8	1346.1	1231.9	1117.7	1003.4	897.4	807.6	734.2	669.0	620.0	562.9
-27.5°	1403.2	1272.7	1166.6	1060.5	954.5	872.9	791.3	726.1	669.0	611.9	554.7
-30°	1313.4	1207.4	1101.3	1003.4	930.0	848.4	775.0	709.8	660.8	603.7	546.6
-32.5°	1223.7	1125.8	1036.1	962.7	897.4	832.1	766.9	701.6	644.5	587.4	530.3
-35°	1142.1	1052.4	987.1	921.9	872.9	815.8	750.5	685.3	636.3	579.2	530.3
-37.5°	1060.5	995.3	938.2	889.2	840.3	791.3	726.1	669.0	620.0	562.9	505.8
-40°	995.3	946.3	905.5	864.8	815.8	758.7	709.8	652.6	603.7	546.6	481.3
-42.5°	954.5	913.7	872.9	832.1	791.3	742.4	693.4	636.3	587.4	530.3	465.0
-45°	913.7	881.1	848.4	815.8	775.0	726.1	669.0	611.9	562.9	505.8	456.9
-47.5°	889.2	856.6	824.0	799.5	766.9	701.6	652.6	595.5	538.4	489.5	432.4
-50°	864.8	832.1	807.6	775.0	734.2	677.1	628.2	571.1	522.1	465.0	416.1
-52.5°	840.3	807.6	775.0	742.4	701.6	652.6	603.7	554.7	497.6	440.5	391.6
-55°	815.8	783.2	750.5	717.9	677.1	636.3	587.4	522.1	465.0	407.9	359.0
-57.5°	791.3	766.9	726.1	685.3	644.5	603.7	546.6	489.5	432.4	375.3	334.5
-60°	758.7	726.1	693.4	644.5	603.7	554.7	505.8	456.9	399.7	350.8	310.0
-62.5°	709.8	677.1	644.5	595.5	554.7	514.0	473.2	416.1	375.3	326.3	285.5
-65°	652.6	620.0	587.4	546.6	505.8	465.0	432.4	383.4	342.6	301.8	269.2
-67.5°	587.4	554.7	530.3	489.5	456.9	416.1	383.4	342.6	301.8	269.2	236.6
-70°	505.8	481.3	456.9	424.2	391.6	359.0	326.3	293.7	261.1	236.6	204.0
-72.5°	432.4	407.9	383.4	359.0	334.5	301.8	277.4	252.9	228.4	204.0	187.6
-75°	350.8	334.5	318.2	301.8	277.4	252.9	236.6	212.1	195.8	179.5	171.3
-77.5°	293.7	277.4	261.1	244.7	228.4	212.1	195.8	179.5	171.3	163.2	155.0
-80°	236.6	228.4	220.3	204.0	195.8	179.5	171.3	155.0	155.0	155.0	155.0
-82.5°	187.6	179.5	171.3	163.2	155.0	146.8	146.8	138.7	146.8	146.8	138.7
-85°	130.5	122.4	114.2	114.2	106.1	106.1	97.9	97.9	97.9	89.7	89.7
-87.5°	57.1	57.1	57.1	57.1	48.9	48.9	48.9	48.9	48.9	40.8	40.8
-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: P724149
 CATALOG NUMBER: IFLD-L-SA7D-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°	16.3	16.3	8.2	8.2	8.2	8.2	8.2	8.2	8.2	0.0	0.0
85°	32.6	32.6	24.5	24.5	24.5	16.3	16.3	8.2	8.2	8.2	8.2
82.5°	73.4	65.3	57.1	48.9	40.8	32.6	24.5	16.3	16.3	8.2	8.2
80°	89.7	89.7	89.7	81.6	65.3	48.9	32.6	24.5	16.3	8.2	8.2
77.5°	65.3	65.3	73.4	81.6	81.6	65.3	40.8	24.5	16.3	16.3	8.2
75°	48.9	48.9	48.9	57.1	65.3	65.3	48.9	32.6	16.3	16.3	8.2
72.5°	48.9	48.9	48.9	48.9	48.9	48.9	48.9	32.6	24.5	16.3	16.3
70°	40.8	40.8	40.8	40.8	40.8	40.8	40.8	32.6	24.5	16.3	16.3
67.5°	32.6	32.6	40.8	40.8	40.8	32.6	32.6	32.6	24.5	16.3	16.3
65°	24.5	32.6	32.6	40.8	32.6	32.6	32.6	24.5	24.5	16.3	16.3
62.5°	24.5	24.5	32.6	32.6	32.6	32.6	24.5	24.5	24.5	16.3	16.3
60°	24.5	24.5	24.5	32.6	24.5	24.5	24.5	24.5	24.5	16.3	16.3
57.5°	24.5	24.5	24.5	24.5	24.5	24.5	24.5	16.3	16.3	16.3	16.3
55°	24.5	24.5	24.5	24.5	24.5	24.5	16.3	16.3	16.3	16.3	16.3
52.5°	32.6	24.5	24.5	24.5	24.5	24.5	16.3	16.3	16.3	16.3	16.3
50°	40.8	24.5	24.5	24.5	24.5	16.3	16.3	16.3	16.3	16.3	16.3
47.5°	57.1	40.8	32.6	24.5	24.5	16.3	16.3	16.3	16.3	16.3	8.2
45°	81.6	57.1	40.8	32.6	24.5	16.3	16.3	16.3	16.3	16.3	8.2
42.5°	97.9	73.4	48.9	40.8	32.6	24.5	16.3	16.3	16.3	8.2	8.2
40°	122.4	97.9	65.3	48.9	32.6	24.5	16.3	16.3	16.3	8.2	8.2
37.5°	155.0	122.4	81.6	57.1	40.8	24.5	24.5	16.3	16.3	8.2	8.2
35°	179.5	138.7	106.1	65.3	48.9	32.6	24.5	16.3	16.3	8.2	8.2
32.5°	204.0	163.2	130.5	81.6	57.1	40.8	32.6	16.3	16.3	8.2	8.2
30°	228.4	187.6	146.8	106.1	73.4	48.9	32.6	16.3	16.3	8.2	8.2
27.5°	252.9	204.0	163.2	122.4	81.6	57.1	40.8	24.5	16.3	8.2	8.2
25°	277.4	228.4	179.5	138.7	89.7	65.3	40.8	24.5	16.3	16.3	8.2
22.5°	293.7	252.9	204.0	155.0	106.1	73.4	48.9	32.6	16.3	16.3	8.2
20°	318.2	277.4	220.3	171.3	122.4	81.6	48.9	32.6	16.3	16.3	8.2
17.5°	342.6	293.7	236.6	187.6	138.7	89.7	57.1	40.8	16.3	16.3	8.2
15°	367.1	310.0	252.9	195.8	146.8	97.9	57.1	40.8	16.3	16.3	8.2
12.5°	391.6	334.5	269.2	212.1	155.0	106.1	65.3	48.9	24.5	16.3	8.2
10°	407.9	350.8	285.5	220.3	163.2	122.4	73.4	48.9	24.5	16.3	8.2
7.5°	432.4	367.1	301.8	236.6	171.3	130.5	81.6	48.9	24.5	16.3	8.2
5°	440.5	383.4	310.0	252.9	179.5	138.7	89.7	57.1	24.5	16.3	8.2
2.5°	448.7	399.7	318.2	261.1	187.6	138.7	89.7	57.1	32.6	16.3	8.2
0°	456.9	407.9	326.3	269.2	195.8	146.8	97.9	57.1	32.6	16.3	8.2
-2.5°	465.0	416.1	342.6	277.4	204.0	155.0	106.1	57.1	32.6	16.3	8.2
-5°	473.2	416.1	359.0	285.5	212.1	155.0	106.1	65.3	40.8	16.3	8.2
-7.5°	481.3	424.2	367.1	293.7	220.3	155.0	114.2	65.3	40.8	24.5	8.2
-10°	489.5	432.4	375.3	301.8	220.3	163.2	114.2	65.3	40.8	24.5	8.2
-12.5°	497.6	440.5	375.3	301.8	228.4	163.2	114.2	73.4	40.8	24.5	8.2
-15°	505.8	440.5	375.3	301.8	228.4	171.3	122.4	73.4	40.8	24.5	16.3
-17.5°	505.8	440.5	375.3	310.0	228.4	171.3	122.4	73.4	40.8	24.5	16.3
-20°	505.8	440.5	375.3	310.0	228.4	171.3	122.4	73.4	40.8	24.5	16.3



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CATALOG NUMBER: IFLD-L-SA7D-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°	497.6	432.4	375.3	301.8	228.4	171.3	122.4	73.4	48.9	24.5	16.3
-25°	497.6	432.4	375.3	301.8	228.4	171.3	114.2	73.4	48.9	24.5	16.3
-27.5°	489.5	432.4	367.1	293.7	220.3	163.2	114.2	73.4	48.9	24.5	16.3
-30°	481.3	424.2	359.0	285.5	220.3	163.2	114.2	73.4	48.9	24.5	16.3
-32.5°	473.2	407.9	350.8	277.4	212.1	155.0	114.2	73.4	48.9	24.5	16.3
-35°	456.9	399.7	334.5	269.2	204.0	155.0	106.1	73.4	48.9	32.6	16.3
-37.5°	440.5	383.4	326.3	261.1	195.8	146.8	106.1	73.4	48.9	32.6	16.3
-40°	424.2	375.3	310.0	244.7	187.6	138.7	106.1	73.4	48.9	32.6	24.5
-42.5°	407.9	359.0	301.8	236.6	187.6	138.7	97.9	73.4	48.9	32.6	24.5
-45°	399.7	350.8	285.5	228.4	179.5	138.7	97.9	65.3	48.9	32.6	24.5
-47.5°	383.4	326.3	269.2	220.3	171.3	130.5	89.7	65.3	48.9	32.6	24.5
-50°	359.0	310.0	261.1	212.1	163.2	122.4	89.7	65.3	48.9	32.6	24.5
-52.5°	334.5	285.5	244.7	195.8	155.0	122.4	89.7	65.3	48.9	32.6	24.5
-55°	310.0	269.2	228.4	187.6	146.8	114.2	81.6	65.3	48.9	32.6	24.5
-57.5°	293.7	252.9	212.1	171.3	138.7	106.1	81.6	57.1	40.8	32.6	24.5
-60°	277.4	236.6	195.8	163.2	130.5	106.1	81.6	57.1	40.8	32.6	16.3
-62.5°	252.9	220.3	179.5	155.0	122.4	97.9	73.4	57.1	40.8	32.6	16.3
-65°	228.4	195.8	163.2	138.7	114.2	89.7	73.4	57.1	40.8	32.6	16.3
-67.5°	204.0	179.5	155.0	130.5	106.1	89.7	73.4	57.1	40.8	24.5	16.3
-70°	187.6	163.2	138.7	122.4	106.1	81.6	73.4	57.1	40.8	24.5	16.3
-72.5°	163.2	146.8	130.5	114.2	97.9	89.7	73.4	57.1	32.6	24.5	16.3
-75°	155.0	138.7	122.4	114.2	106.1	89.7	73.4	48.9	32.6	24.5	16.3
-77.5°	155.0	138.7	130.5	122.4	106.1	89.7	65.3	40.8	24.5	24.5	16.3
-80°	155.0	146.8	138.7	114.2	97.9	73.4	48.9	40.8	24.5	16.3	8.2
-82.5°	138.7	114.2	97.9	81.6	73.4	57.1	40.8	32.6	16.3	16.3	8.2
-85°	89.7	73.4	65.3	57.1	48.9	40.8	24.5	16.3	16.3	8.2	8.2
-87.5°	40.8	40.8	32.6	24.5	24.5	16.3	16.3	8.2	8.2	8.2	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



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 CATALOG NUMBER: IFLD-L-SA7D-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°	8.2	0.0	0.0	0.0
77.5°	8.2	0.0	0.0	0.0
75°	8.2	8.2	0.0	0.0
72.5°	8.2	8.2	0.0	0.0
70°	8.2	8.2	0.0	0.0
67.5°	8.2	8.2	0.0	0.0
65°	8.2	8.2	0.0	0.0
62.5°	8.2	8.2	0.0	0.0
60°	8.2	8.2	0.0	0.0
57.5°	8.2	8.2	8.2	0.0
55°	8.2	8.2	8.2	0.0
52.5°	8.2	8.2	8.2	0.0
50°	8.2	8.2	8.2	0.0
47.5°	8.2	8.2	8.2	0.0
45°	8.2	8.2	8.2	0.0
42.5°	8.2	8.2	8.2	0.0
40°	8.2	8.2	8.2	0.0
37.5°	8.2	8.2	8.2	0.0
35°	8.2	8.2	8.2	0.0
32.5°	8.2	8.2	8.2	0.0
30°	8.2	8.2	8.2	0.0
27.5°	8.2	8.2	8.2	0.0
25°	8.2	8.2	8.2	0.0
22.5°	8.2	8.2	8.2	0.0
20°	8.2	8.2	8.2	0.0
17.5°	8.2	8.2	8.2	0.0
15°	8.2	8.2	8.2	0.0
12.5°	8.2	8.2	8.2	0.0
10°	8.2	8.2	8.2	0.0
7.5°	8.2	8.2	8.2	0.0
5°	8.2	8.2	8.2	0.0
2.5°	8.2	8.2	8.2	0.0
0°	8.2	8.2	8.2	0.0
-2.5°	8.2	8.2	8.2	0.0
-5°	8.2	8.2	8.2	0.0
-7.5°	8.2	8.2	8.2	0.0
-10°	8.2	8.2	8.2	0.0
-12.5°	8.2	8.2	8.2	0.0
-15°	8.2	8.2	8.2	0.0
-17.5°	8.2	8.2	8.2	0.0
-20°	8.2	8.2	8.2	0.0



REPORT NUMBER: P724149

CATALOG NUMBER: IFLD-L-SA7D-740-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	8.2	8.2	8.2	0.0
-25°	8.2	8.2	8.2	0.0
-27.5°	8.2	8.2	8.2	0.0
-30°	8.2	8.2	8.2	0.0
-32.5°	8.2	8.2	8.2	0.0
-35°	8.2	8.2	8.2	0.0
-37.5°	8.2	8.2	8.2	0.0
-40°	8.2	8.2	8.2	0.0
-42.5°	8.2	8.2	8.2	0.0
-45°	8.2	8.2	8.2	0.0
-47.5°	8.2	8.2	8.2	0.0
-50°	8.2	8.2	8.2	0.0
-52.5°	8.2	8.2	8.2	0.0
-55°	8.2	8.2	8.2	0.0
-57.5°	8.2	8.2	8.2	0.0
-60°	8.2	8.2	0.0	0.0
-62.5°	8.2	8.2	0.0	0.0
-65°	8.2	8.2	0.0	0.0
-67.5°	8.2	8.2	0.0	0.0
-70°	8.2	8.2	0.0	0.0
-72.5°	8.2	8.2	0.0	0.0
-75°	8.2	8.2	0.0	0.0
-77.5°	8.2	0.0	0.0	0.0
-80°	8.2	0.0	0.0	0.0
-82.5°	8.2	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)