

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: P724207

Luminaire Tested: **IFLD-L-SA7D-760-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724207
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-760-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (112) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

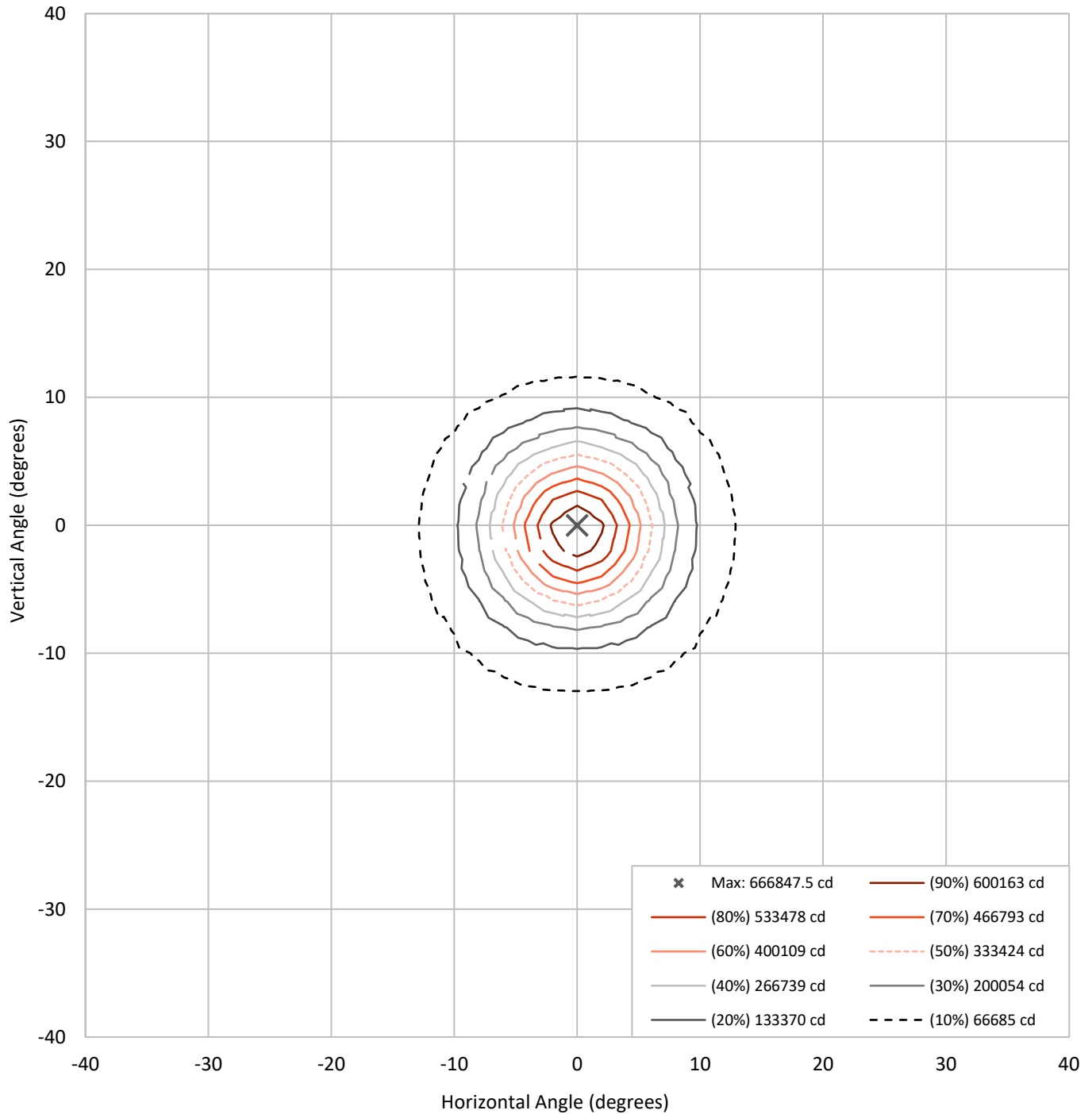
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	46579.6 lumens	Max Intensity:	666847.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	110.2 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	14572.2 lumens	Field Lumens:	33157.1 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





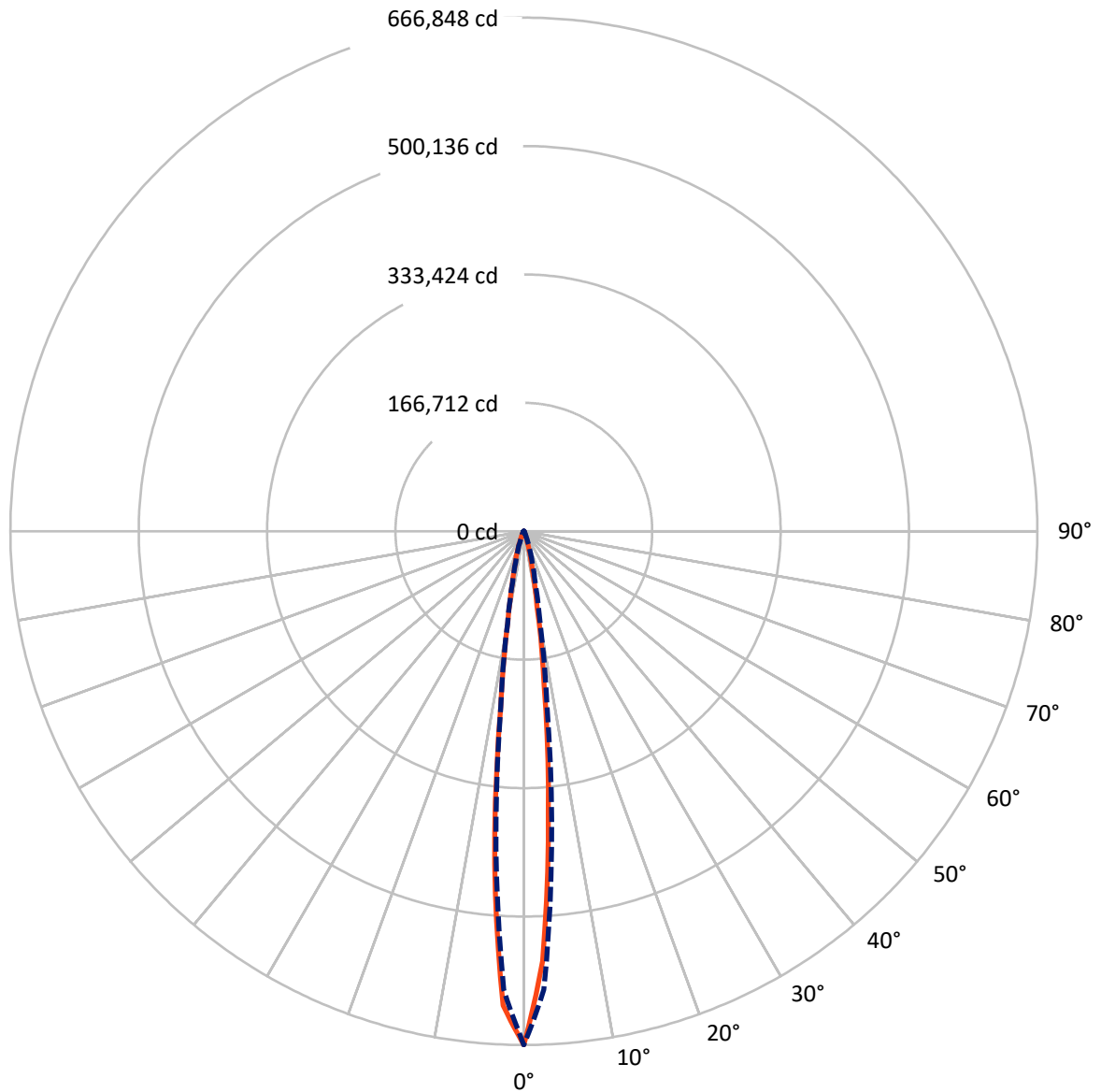
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Lumen Table

90	0.3	2.8		2.4		1.1		0.1		1.1		2.4		2.8		0.3			
80	0.3	2.8		2.4		1.1		0.1		1.1		2.4		2.8		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	0.5	1.3	2.4	3.6	4.5	5.2	5.2	4.5	3.6	2.4	1.3	0.5	0.3				
50	0.3	0.4	1.5	3.8	6.6	9.4	12.4	14.6	14.6	12.4	9.4	6.6	3.8	1.5	0.4	0.3			
40		0.8	3.2	7.0	11.9	18.7	28.3	33.9	33.9	28.3	18.7	11.9	7.0	3.2	0.8				
30	0.5	1.4	5.0	10.2	18.7	32.2	62.1	100.3	100.3	62.1	32.2	18.7	10.2	5.0	1.4	0.5			
20		2.0	6.7	14.0	28.4	70.3	367.0	928.4	928.4	367.0	70.3	28.4	14.0	6.7	2.0				
10	0.8	2.6	8.0	16.5	34.6	142.7	1181.9	7283.4	7283.4	1181.9	142.7	34.6	16.5	8.0	2.6	0.8			
0		3.0	8.7	17.4	36.1	162.6	1300.6	8021.0	8021.0	1300.6	162.6	36.1	17.4	8.7	3.0				
-10	1.0	3.2	9.1	17.3	33.8	97.5	583.8	1406.7	1406.7	583.8	97.5	33.8	17.3	9.1	3.2	1.0			
-20		3.2	8.9	16.4	28.6	49.7	120.6	226.6	226.6	120.6	49.7	28.6	16.4	8.9	3.2				
-30	1.0	2.9	8.2	15.2	23.8	35.2	49.8	58.5	58.5	49.8	35.2	23.8	15.2	8.2	2.9	1.0			
-40		2.5	7.2	13.6	20.7	27.4	34.6	38.5	38.5	34.6	27.4	20.7	13.6	7.2	2.5				
-50	0.8	2.0	5.7	11.5	18.2	23.9	29.4	32.0	32.0	29.4	23.9	18.2	11.5	5.7	2.0	0.8			
-60		1.6	4.2	8.4	13.9	19.1	24.1	26.7	26.7	24.1	19.1	13.9	8.4	4.2	1.6				
-70	0.5	6.3		17.4		32.2		38.8		32.2		17.4		6.3		0.5			
-80		6.3		17.4		32.2		38.8		32.2		17.4		6.3					
-90	0.5	6.3		17.4		32.2		38.8		32.2		17.4		6.3		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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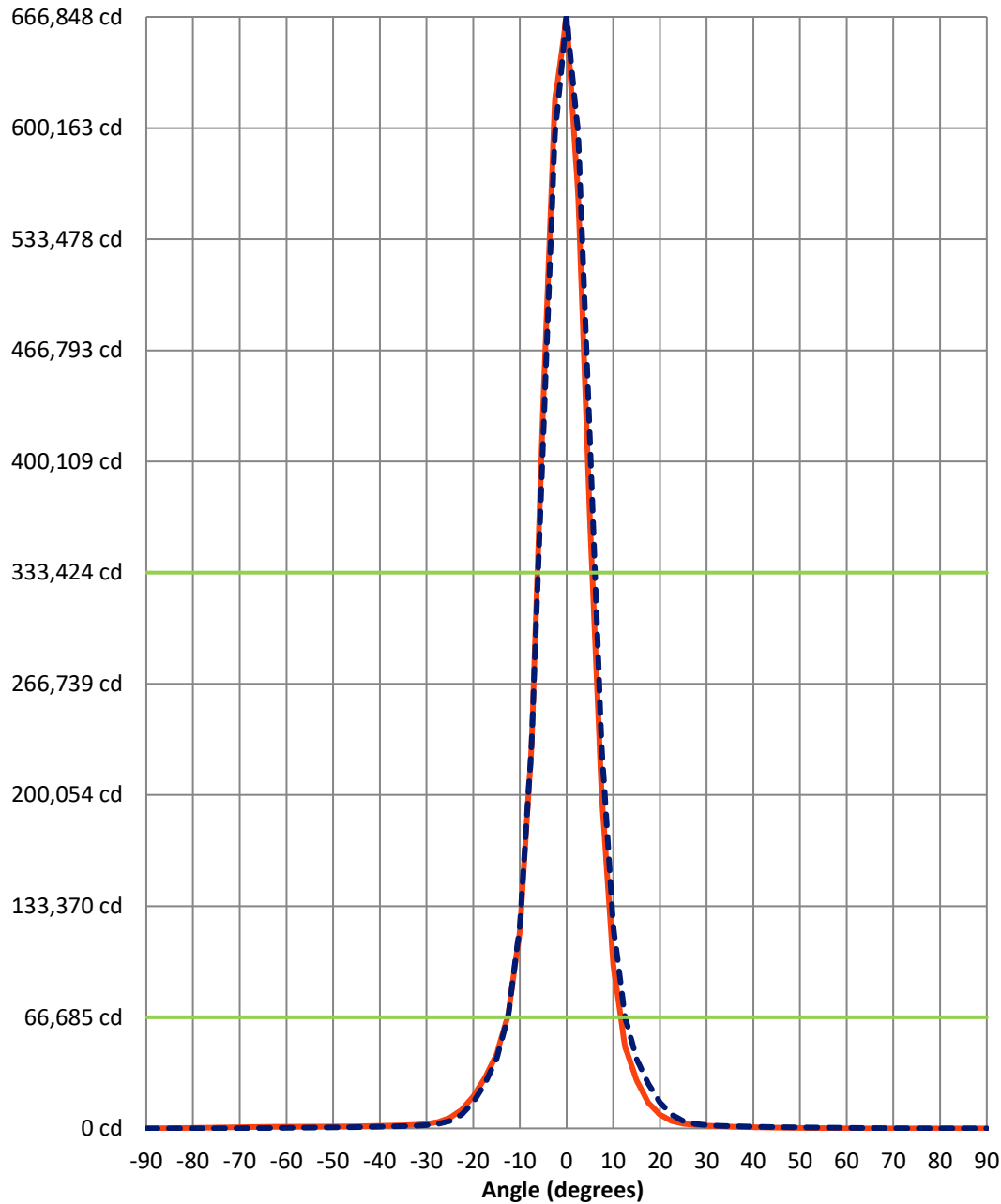
Luminous Intensity Polar Plot



— 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: 14572.2
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 33157.1
Efficiency: 71.2%

Spill:
Lumens: 13422.5
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	8.3	8.3
85°	0.0	0.0	0.0	0.0	8.3	8.3	8.3	8.3	8.3	16.7	16.7
82.5°	0.0	0.0	0.0	0.0	8.3	8.3	8.3	8.3	16.7	16.7	16.7
80°	0.0	0.0	0.0	0.0	8.3	8.3	8.3	8.3	16.7	16.7	16.7
77.5°	0.0	0.0	0.0	0.0	8.3	8.3	8.3	8.3	8.3	8.3	16.7
75°	0.0	0.0	0.0	0.0	8.3	8.3	8.3	8.3	8.3	8.3	8.3
72.5°	0.0	0.0	0.0	0.0	8.3	8.3	8.3	8.3	8.3	8.3	8.3
70°	0.0	0.0	0.0	0.0	8.3	8.3	8.3	8.3	8.3	8.3	8.3
67.5°	0.0	0.0	0.0	0.0	8.3	8.3	8.3	8.3	8.3	8.3	8.3
65°	0.0	0.0	0.0	0.0	8.3	8.3	8.3	8.3	8.3	8.3	8.3
62.5°	0.0	0.0	0.0	0.0	8.3	8.3	8.3	8.3	8.3	8.3	8.3
60°	16.7	16.7	16.7	16.7	25.0	25.0	33.4	33.4	33.4	16.7	33.4
57.5°	133.5	133.5	125.2	116.8	108.5	100.1	100.1	100.1	100.1	100.1	83.4
55°	183.6	183.6	183.6	175.2	175.2	166.9	158.6	150.2	150.2	141.9	133.5
52.5°	217.0	217.0	217.0	217.0	208.6	208.6	208.6	200.3	183.6	183.6	175.2
50°	308.8	300.4	300.4	300.4	300.4	283.7	275.4	258.7	250.3	242.0	233.7
47.5°	400.6	400.6	392.2	392.2	383.9	367.2	350.5	333.8	317.1	308.8	292.1
45°	475.7	475.7	467.3	467.3	459.0	442.3	417.2	392.2	375.5	358.8	342.1
42.5°	584.1	575.8	567.5	559.1	542.4	517.4	484.0	450.6	425.6	400.6	383.9
40°	701.0	701.0	692.6	684.3	659.2	634.2	592.5	550.8	509.0	459.0	433.9
37.5°	842.8	851.2	859.5	859.5	842.8	809.5	751.0	701.0	634.2	567.5	534.1
35°	1101.5	1101.5	1118.2	1118.2	1093.2	1051.5	1009.7	901.2	817.8	734.3	659.2
32.5°	1385.2	1393.6	1360.2	1335.2	1301.8	1251.7	1176.6	1084.8	993.0	884.6	801.1
30°	1660.6	1660.6	1618.9	1568.8	1502.1	1418.6	1326.8	1226.7	1118.2	1009.7	909.6
27.5°	2094.6	2052.8	2019.5	1936.0	1819.2	1660.6	1543.8	1385.2	1243.4	1118.2	1009.7
25°	2812.2	2803.9	2728.8	2586.9	2353.3	2102.9	1911.0	1643.9	1427.0	1235.0	1109.9
22.5°	4472.9	4414.4	4239.2	3888.7	3338.0	2904.0	2511.8	2094.6	1702.4	1443.7	1243.4
20°	8269.8	8077.8	7610.5	6642.5	5407.5	4556.3	3580.0	2879.0	2219.7	1735.7	1435.3
17.5°	15429.7	15304.5	15129.3	12892.8	10381.0	8578.5	6383.8	4414.4	3154.4	2269.8	1702.4
15°	28923.3	27997.1	26061.1	23382.3	19869.2	15354.6	11290.6	7126.5	4506.2	3020.8	2161.3
12.5°	49443.4	48417.0	43418.4	36717.5	30400.4	23974.8	16831.6	10831.7	6417.2	3838.6	2561.9
10°	98519.6	91067.6	77073.3	57521.2	44895.4	33479.6	23632.7	14778.8	8353.2	4848.4	3037.5
7.5°	201787.5	177437.1	136730.8	96525.2	62478.1	43910.7	30183.4	19326.7	11132.1	6066.7	3471.5
5°	365731.0	322529.5	242986.1	146310.7	90725.5	55034.5	35816.2	22981.8	13176.6	7059.8	3905.4
2.5°	558447.6	502561.9	351294.3	201186.7	111871.4	63646.4	39755.0	25385.1	14478.4	7735.7	4239.2
0°	666847.5	595665.7	413705.7	230335.3	121943.7	67301.4	41682.7	26828.8	15579.9	8286.5	4456.2
-2.5°	616002.2	558697.9	380201.0	213962.7	116527.9	65699.2	41958.0	27187.6	15763.5	8436.7	4556.3
-5°	434158.9	387127.2	263072.3	157893.4	98870.1	60517.1	39588.1	25835.7	15254.4	8219.7	4514.6
-7.5°	229692.8	208413.3	156015.8	113457.0	72166.5	51220.9	35641.0	23440.8	13935.9	7635.6	4264.2
-10°	118672.5	114308.1	98502.9	74252.7	58397.5	42909.4	30417.1	20044.4	11649.4	6575.8	3838.6
-12.5°	68419.7	67677.0	62594.9	53732.7	44778.6	35248.8	24959.5	16347.6	9721.8	5449.2	3237.8
-15°	44303.0	44620.1	42850.9	39162.5	34063.8	26378.2	19176.5	12158.5	7193.3	4414.4	2853.9
-17.5°	30233.5	30150.0	29323.9	26795.4	22689.7	17816.3	12709.2	8586.9	5449.2	3438.1	2369.9
-20°	19126.5	19159.8	18392.1	16648.0	13627.2	10981.9	7910.9	5791.3	3863.7	2703.7	2094.6



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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°	11098.7	11123.7	10639.7	9655.0	8069.5	6509.0	5140.4	3830.3	2845.6	2253.1	1835.9
-25°	6375.5	6275.3	6083.4	5607.8	4865.1	4013.9	3413.1	2695.4	2278.2	1911.0	1677.3
-27.5°	3863.7	3796.9	3696.8	3488.2	3196.1	2770.5	2495.1	2178.0	1936.0	1719.0	1577.2
-30°	2695.4	2720.4	2637.0	2528.5	2395.0	2203.0	2052.8	1902.6	1744.1	1610.6	1477.0
-32.5°	2144.6	2161.3	2119.6	2077.9	2011.1	1936.0	1844.2	1735.7	1610.6	1485.4	1360.2
-35°	1844.2	1852.6	1852.6	1844.2	1827.5	1769.1	1702.4	1602.2	1485.4	1368.6	1260.1
-37.5°	1694.0	1702.4	1702.4	1694.0	1669.0	1618.9	1552.1	1468.7	1360.2	1251.7	1168.3
-40°	1535.5	1543.8	1535.5	1518.8	1493.7	1443.7	1393.6	1326.8	1243.4	1151.6	1076.5
-42.5°	1385.2	1376.9	1368.6	1351.9	1326.8	1293.5	1251.7	1201.7	1143.2	1076.5	1018.1
-45°	1243.4	1243.4	1235.0	1226.7	1210.0	1185.0	1159.9	1118.2	1076.5	1026.4	976.4
-47.5°	1168.3	1168.3	1159.9	1151.6	1143.2	1126.6	1101.5	1068.1	1034.8	993.0	951.3
-50°	1118.2	1118.2	1118.2	1109.9	1101.5	1084.8	1059.8	1034.8	1001.4	959.7	917.9
-52.5°	1084.8	1084.8	1084.8	1076.5	1068.1	1059.8	1034.8	1001.4	959.7	926.3	892.9
-55°	1068.1	1059.8	1059.8	1051.5	1043.1	1034.8	1001.4	968.0	934.6	901.2	867.9
-57.5°	1043.1	1034.8	1034.8	1026.4	1018.1	1009.7	976.4	943.0	909.6	867.9	842.8
-60°	1018.1	1009.7	1009.7	993.0	984.7	976.4	943.0	909.6	876.2	842.8	809.5
-62.5°	984.7	976.4	968.0	959.7	943.0	926.3	901.2	867.9	826.1	792.8	759.4
-65°	909.6	901.2	892.9	884.6	876.2	867.9	842.8	801.1	767.7	734.3	701.0
-67.5°	817.8	817.8	817.8	801.1	792.8	776.1	759.4	726.0	692.6	659.2	634.2
-70°	709.3	709.3	709.3	692.6	684.3	675.9	650.9	625.9	600.8	575.8	542.4
-72.5°	600.8	592.5	592.5	584.1	567.5	559.1	542.4	525.7	500.7	484.0	459.0
-75°	492.3	484.0	484.0	475.7	467.3	459.0	442.3	433.9	417.2	400.6	375.5
-77.5°	392.2	392.2	392.2	383.9	375.5	367.2	358.8	350.5	342.1	325.5	308.8
-80°	300.4	300.4	300.4	300.4	300.4	300.4	300.4	292.1	275.4	267.0	258.7
-82.5°	217.0	225.3	225.3	225.3	225.3	225.3	225.3	225.3	217.0	208.6	200.3
-85°	141.9	150.2	150.2	158.6	166.9	166.9	175.2	166.9	158.6	141.9	133.5
-87.5°	75.1	75.1	75.1	75.1	75.1	75.1	75.1	66.8	66.8	66.8	58.4
-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°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	16.7	16.7	16.7
85°	16.7	16.7	16.7	16.7	25.0	25.0	25.0	33.4	33.4	33.4	33.4
82.5°	16.7	25.0	25.0	25.0	33.4	33.4	41.7	50.1	66.8	75.1	75.1
80°	16.7	25.0	25.0	25.0	33.4	33.4	41.7	41.7	50.1	58.4	75.1
77.5°	16.7	16.7	25.0	25.0	25.0	33.4	33.4	41.7	41.7	50.1	58.4
75°	8.3	16.7	16.7	16.7	25.0	25.0	33.4	33.4	41.7	41.7	50.1
72.5°	8.3	16.7	16.7	16.7	25.0	25.0	33.4	33.4	33.4	41.7	41.7
70°	8.3	16.7	16.7	16.7	16.7	25.0	25.0	25.0	33.4	33.4	33.4
67.5°	8.3	8.3	8.3	16.7	16.7	16.7	16.7	25.0	25.0	25.0	33.4
65°	8.3	8.3	8.3	8.3	16.7	16.7	16.7	16.7	25.0	25.0	25.0
62.5°	8.3	8.3	8.3	16.7	16.7	16.7	16.7	16.7	25.0	25.0	25.0
60°	33.4	33.4	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
57.5°	75.1	75.1	66.8	58.4	50.1	50.1	41.7	33.4	33.4	25.0	25.0
55°	125.2	116.8	108.5	91.8	83.4	75.1	66.8	50.1	41.7	33.4	25.0
52.5°	158.6	150.2	141.9	133.5	116.8	100.1	91.8	83.4	66.8	50.1	41.7
50°	233.7	208.6	191.9	175.2	158.6	141.9	125.2	116.8	91.8	75.1	58.4
47.5°	283.7	267.0	242.0	225.3	208.6	183.6	158.6	141.9	125.2	100.1	75.1
45°	325.5	308.8	283.7	267.0	250.3	225.3	200.3	175.2	158.6	133.5	100.1
42.5°	367.2	350.5	325.5	308.8	283.7	258.7	233.7	208.6	183.6	166.9	133.5
40°	425.6	400.6	367.2	350.5	333.8	300.4	267.0	242.0	217.0	191.9	158.6
37.5°	500.7	475.7	433.9	400.6	375.5	350.5	317.1	283.7	258.7	225.3	191.9
35°	617.5	575.8	517.4	467.3	433.9	400.6	358.8	325.5	292.1	258.7	225.3
32.5°	734.3	667.6	592.5	534.1	484.0	442.3	400.6	367.2	325.5	283.7	250.3
30°	826.1	751.0	675.9	592.5	534.1	484.0	442.3	400.6	358.8	317.1	275.4
27.5°	917.9	834.5	751.0	667.6	584.1	517.4	475.7	433.9	392.2	350.5	300.4
25°	1009.7	917.9	834.5	742.7	642.6	567.5	509.0	475.7	433.9	383.9	325.5
22.5°	1093.2	1009.7	926.3	826.1	709.3	609.2	550.8	509.0	467.3	408.9	358.8
20°	1251.7	1143.2	1043.1	917.9	784.4	684.3	609.2	550.8	500.7	442.3	383.9
17.5°	1460.4	1301.8	1168.3	1026.4	892.9	767.7	659.2	592.5	542.4	475.7	408.9
15°	1727.4	1452.0	1285.1	1143.2	984.7	842.8	726.0	634.2	567.5	500.7	442.3
12.5°	1927.7	1568.8	1385.2	1251.7	1084.8	926.3	776.1	667.6	592.5	525.7	459.0
10°	2153.0	1694.0	1468.7	1318.5	1143.2	968.0	809.5	692.6	609.2	550.8	484.0
7.5°	2336.6	1794.1	1510.4	1343.5	1176.6	1001.4	842.8	717.7	634.2	567.5	500.7
5°	2503.5	1877.6	1543.8	1351.9	1193.3	1026.4	859.5	734.3	650.9	584.1	517.4
2.5°	2620.3	1952.7	1577.2	1368.6	1210.0	1043.1	884.6	751.0	667.6	600.8	534.1
0°	2720.4	1977.7	1568.8	1368.6	1218.4	1043.1	892.9	759.4	675.9	609.2	542.4
-2.5°	2753.8	2019.5	1610.6	1385.2	1235.0	1059.8	909.6	767.7	684.3	617.5	559.1
-5°	2753.8	1986.1	1610.6	1401.9	1243.4	1068.1	909.6	776.1	692.6	625.9	559.1
-7.5°	2653.7	1936.0	1602.2	1418.6	1251.7	1076.5	909.6	784.4	701.0	634.2	567.5
-10°	2478.4	1860.9	1593.9	1427.0	1251.7	1068.1	909.6	784.4	701.0	634.2	575.8
-12.5°	2194.7	1760.8	1552.1	1410.3	1235.0	1051.5	901.2	784.4	701.0	642.6	575.8
-15°	2052.8	1677.3	1502.1	1360.2	1193.3	1026.4	884.6	776.1	701.0	642.6	584.1
-17.5°	1860.9	1610.6	1452.0	1310.1	1159.9	1001.4	867.9	776.1	701.0	634.2	584.1
-20°	1727.4	1535.5	1393.6	1268.4	1118.2	976.4	859.5	767.7	701.0	634.2	584.1



REPORT NUMBER: P724207

CATALOG NUMBER: IFLD-L-SA7D-760-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°	1610.6	1452.0	1326.8	1201.7	1068.1	943.0	842.8	759.4	692.6	634.2	584.1
-25°	1518.8	1376.9	1260.1	1143.2	1026.4	917.9	826.1	751.0	684.3	634.2	575.8
-27.5°	1435.3	1301.8	1193.3	1084.8	976.4	892.9	809.5	742.7	684.3	625.9	567.5
-30°	1343.5	1235.0	1126.6	1026.4	951.3	867.9	792.8	726.0	675.9	617.5	559.1
-32.5°	1251.7	1151.6	1059.8	984.7	917.9	851.2	784.4	717.7	659.2	600.8	542.4
-35°	1168.3	1076.5	1009.7	943.0	892.9	834.5	767.7	701.0	650.9	592.5	542.4
-37.5°	1084.8	1018.1	959.7	909.6	859.5	809.5	742.7	684.3	634.2	575.8	517.4
-40°	1018.1	968.0	926.3	884.6	834.5	776.1	726.0	667.6	617.5	559.1	492.3
-42.5°	976.4	934.6	892.9	851.2	809.5	759.4	709.3	650.9	600.8	542.4	475.7
-45°	934.6	901.2	867.9	834.5	792.8	742.7	684.3	625.9	575.8	517.4	467.3
-47.5°	909.6	876.2	842.8	817.8	784.4	717.7	667.6	609.2	550.8	500.7	442.3
-50°	884.6	851.2	826.1	792.8	751.0	692.6	642.6	584.1	534.1	475.7	425.6
-52.5°	859.5	826.1	792.8	759.4	717.7	667.6	617.5	567.5	509.0	450.6	400.6
-55°	834.5	801.1	767.7	734.3	692.6	650.9	600.8	534.1	475.7	417.2	367.2
-57.5°	809.5	784.4	742.7	701.0	659.2	617.5	559.1	500.7	442.3	383.9	342.1
-60°	776.1	742.7	709.3	659.2	617.5	567.5	517.4	467.3	408.9	358.8	317.1
-62.5°	726.0	692.6	659.2	609.2	567.5	525.7	484.0	425.6	383.9	333.8	292.1
-65°	667.6	634.2	600.8	559.1	517.4	475.7	442.3	392.2	350.5	308.8	275.4
-67.5°	600.8	567.5	542.4	500.7	467.3	425.6	392.2	350.5	308.8	275.4	242.0
-70°	517.4	492.3	467.3	433.9	400.6	367.2	333.8	300.4	267.0	242.0	208.6
-72.5°	442.3	417.2	392.2	367.2	342.1	308.8	283.7	258.7	233.7	208.6	191.9
-75°	358.8	342.1	325.5	308.8	283.7	258.7	242.0	217.0	200.3	183.6	175.2
-77.5°	300.4	283.7	267.0	250.3	233.7	217.0	200.3	183.6	175.2	166.9	158.6
-80°	242.0	233.7	225.3	208.6	200.3	183.6	175.2	158.6	158.6	158.6	158.6
-82.5°	191.9	183.6	175.2	166.9	158.6	150.2	150.2	141.9	150.2	150.2	141.9
-85°	133.5	125.2	116.8	116.8	108.5	108.5	100.1	100.1	100.1	91.8	91.8
-87.5°	58.4	58.4	58.4	58.4	50.1	50.1	50.1	50.1	50.1	41.7	41.7
-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: P724207
 CATALOG NUMBER: IFLD-L-SA7D-760-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°	16.7	16.7	8.3	8.3	8.3	8.3	8.3	8.3	8.3	0.0	0.0
85°	33.4	33.4	25.0	25.0	25.0	16.7	16.7	8.3	8.3	8.3	8.3
82.5°	75.1	66.8	58.4	50.1	41.7	33.4	25.0	16.7	16.7	8.3	8.3
80°	91.8	91.8	91.8	83.4	66.8	50.1	33.4	25.0	16.7	8.3	8.3
77.5°	66.8	66.8	75.1	83.4	83.4	66.8	41.7	25.0	16.7	16.7	8.3
75°	50.1	50.1	50.1	58.4	66.8	66.8	50.1	33.4	16.7	16.7	8.3
72.5°	50.1	50.1	50.1	50.1	50.1	50.1	50.1	33.4	25.0	16.7	16.7
70°	41.7	41.7	41.7	41.7	41.7	41.7	41.7	33.4	25.0	16.7	16.7
67.5°	33.4	33.4	41.7	41.7	41.7	33.4	33.4	33.4	25.0	16.7	16.7
65°	25.0	33.4	33.4	41.7	33.4	33.4	33.4	25.0	25.0	16.7	16.7
62.5°	25.0	25.0	33.4	33.4	33.4	33.4	25.0	25.0	25.0	16.7	16.7
60°	25.0	25.0	25.0	33.4	25.0	25.0	25.0	25.0	25.0	16.7	16.7
57.5°	25.0	25.0	25.0	25.0	25.0	25.0	25.0	16.7	16.7	16.7	16.7
55°	25.0	25.0	25.0	25.0	25.0	25.0	16.7	16.7	16.7	16.7	16.7
52.5°	33.4	25.0	25.0	25.0	25.0	25.0	16.7	16.7	16.7	16.7	16.7
50°	41.7	25.0	25.0	25.0	25.0	16.7	16.7	16.7	16.7	16.7	16.7
47.5°	58.4	41.7	33.4	25.0	25.0	16.7	16.7	16.7	16.7	16.7	8.3
45°	83.4	58.4	41.7	33.4	25.0	16.7	16.7	16.7	16.7	16.7	8.3
42.5°	100.1	75.1	50.1	41.7	33.4	25.0	16.7	16.7	16.7	8.3	8.3
40°	125.2	100.1	66.8	50.1	33.4	25.0	16.7	16.7	16.7	8.3	8.3
37.5°	158.6	125.2	83.4	58.4	41.7	25.0	25.0	16.7	16.7	8.3	8.3
35°	183.6	141.9	108.5	66.8	50.1	33.4	25.0	16.7	16.7	8.3	8.3
32.5°	208.6	166.9	133.5	83.4	58.4	41.7	33.4	16.7	16.7	8.3	8.3
30°	233.7	191.9	150.2	108.5	75.1	50.1	33.4	16.7	16.7	8.3	8.3
27.5°	258.7	208.6	166.9	125.2	83.4	58.4	41.7	25.0	16.7	8.3	8.3
25°	283.7	233.7	183.6	141.9	91.8	66.8	41.7	25.0	16.7	16.7	8.3
22.5°	300.4	258.7	208.6	158.6	108.5	75.1	50.1	33.4	16.7	16.7	8.3
20°	325.5	283.7	225.3	175.2	125.2	83.4	50.1	33.4	16.7	16.7	8.3
17.5°	350.5	300.4	242.0	191.9	141.9	91.8	58.4	41.7	16.7	16.7	8.3
15°	375.5	317.1	258.7	200.3	150.2	100.1	58.4	41.7	16.7	16.7	8.3
12.5°	400.6	342.1	275.4	217.0	158.6	108.5	66.8	50.1	25.0	16.7	8.3
10°	417.2	358.8	292.1	225.3	166.9	125.2	75.1	50.1	25.0	16.7	8.3
7.5°	442.3	375.5	308.8	242.0	175.2	133.5	83.4	50.1	25.0	16.7	8.3
5°	450.6	392.2	317.1	258.7	183.6	141.9	91.8	58.4	25.0	16.7	8.3
2.5°	459.0	408.9	325.5	267.0	191.9	141.9	91.8	58.4	33.4	16.7	8.3
0°	467.3	417.2	333.8	275.4	200.3	150.2	100.1	58.4	33.4	16.7	8.3
-2.5°	475.7	425.6	350.5	283.7	208.6	158.6	108.5	58.4	33.4	16.7	8.3
-5°	484.0	425.6	367.2	292.1	217.0	158.6	108.5	66.8	41.7	16.7	8.3
-7.5°	492.3	433.9	375.5	300.4	225.3	158.6	116.8	66.8	41.7	25.0	8.3
-10°	500.7	442.3	383.9	308.8	225.3	166.9	116.8	66.8	41.7	25.0	8.3
-12.5°	509.0	450.6	383.9	308.8	233.7	166.9	116.8	75.1	41.7	25.0	8.3
-15°	517.4	450.6	383.9	308.8	233.7	175.2	125.2	75.1	41.7	25.0	16.7
-17.5°	517.4	450.6	383.9	317.1	233.7	175.2	125.2	75.1	41.7	25.0	16.7
-20°	517.4	450.6	383.9	317.1	233.7	175.2	125.2	75.1	41.7	25.0	16.7



REPORT NUMBER: P724207

CATALOG NUMBER: IFLD-L-SA7D-760-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	509.0	442.3	383.9	308.8	233.7	175.2	125.2	75.1	50.1	25.0	16.7
-25°	509.0	442.3	383.9	308.8	233.7	175.2	116.8	75.1	50.1	25.0	16.7
-27.5°	500.7	442.3	375.5	300.4	225.3	166.9	116.8	75.1	50.1	25.0	16.7
-30°	492.3	433.9	367.2	292.1	225.3	166.9	116.8	75.1	50.1	25.0	16.7
-32.5°	484.0	417.2	358.8	283.7	217.0	158.6	116.8	75.1	50.1	25.0	16.7
-35°	467.3	408.9	342.1	275.4	208.6	158.6	108.5	75.1	50.1	33.4	16.7
-37.5°	450.6	392.2	333.8	267.0	200.3	150.2	108.5	75.1	50.1	33.4	16.7
-40°	433.9	383.9	317.1	250.3	191.9	141.9	108.5	75.1	50.1	33.4	25.0
-42.5°	417.2	367.2	308.8	242.0	191.9	141.9	100.1	75.1	50.1	33.4	25.0
-45°	408.9	358.8	292.1	233.7	183.6	141.9	100.1	66.8	50.1	33.4	25.0
-47.5°	392.2	333.8	275.4	225.3	175.2	133.5	91.8	66.8	50.1	33.4	25.0
-50°	367.2	317.1	267.0	217.0	166.9	125.2	91.8	66.8	50.1	33.4	25.0
-52.5°	342.1	292.1	250.3	200.3	158.6	125.2	91.8	66.8	50.1	33.4	25.0
-55°	317.1	275.4	233.7	191.9	150.2	116.8	83.4	66.8	50.1	33.4	25.0
-57.5°	300.4	258.7	217.0	175.2	141.9	108.5	83.4	58.4	41.7	33.4	25.0
-60°	283.7	242.0	200.3	166.9	133.5	108.5	83.4	58.4	41.7	33.4	16.7
-62.5°	258.7	225.3	183.6	158.6	125.2	100.1	75.1	58.4	41.7	33.4	16.7
-65°	233.7	200.3	166.9	141.9	116.8	91.8	75.1	58.4	41.7	33.4	16.7
-67.5°	208.6	183.6	158.6	133.5	108.5	91.8	75.1	58.4	41.7	25.0	16.7
-70°	191.9	166.9	141.9	125.2	108.5	83.4	75.1	58.4	41.7	25.0	16.7
-72.5°	166.9	150.2	133.5	116.8	100.1	91.8	75.1	58.4	33.4	25.0	16.7
-75°	158.6	141.9	125.2	116.8	108.5	91.8	75.1	50.1	33.4	25.0	16.7
-77.5°	158.6	141.9	133.5	125.2	108.5	91.8	66.8	41.7	25.0	25.0	16.7
-80°	158.6	150.2	141.9	116.8	100.1	75.1	50.1	41.7	25.0	16.7	8.3
-82.5°	141.9	116.8	100.1	83.4	75.1	58.4	41.7	33.4	16.7	16.7	8.3
-85°	91.8	75.1	66.8	58.4	50.1	41.7	25.0	16.7	16.7	8.3	8.3
-87.5°	41.7	41.7	33.4	25.0	25.0	16.7	16.7	8.3	8.3	8.3	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: P724207
 CATALOG NUMBER: IFLD-L-SA7D-760-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°	8.3	0.0	0.0	0.0
77.5°	8.3	0.0	0.0	0.0
75°	8.3	8.3	0.0	0.0
72.5°	8.3	8.3	0.0	0.0
70°	8.3	8.3	0.0	0.0
67.5°	8.3	8.3	0.0	0.0
65°	8.3	8.3	0.0	0.0
62.5°	8.3	8.3	0.0	0.0
60°	8.3	8.3	0.0	0.0
57.5°	8.3	8.3	8.3	0.0
55°	8.3	8.3	8.3	0.0
52.5°	8.3	8.3	8.3	0.0
50°	8.3	8.3	8.3	0.0
47.5°	8.3	8.3	8.3	0.0
45°	8.3	8.3	8.3	0.0
42.5°	8.3	8.3	8.3	0.0
40°	8.3	8.3	8.3	0.0
37.5°	8.3	8.3	8.3	0.0
35°	8.3	8.3	8.3	0.0
32.5°	8.3	8.3	8.3	0.0
30°	8.3	8.3	8.3	0.0
27.5°	8.3	8.3	8.3	0.0
25°	8.3	8.3	8.3	0.0
22.5°	8.3	8.3	8.3	0.0
20°	8.3	8.3	8.3	0.0
17.5°	8.3	8.3	8.3	0.0
15°	8.3	8.3	8.3	0.0
12.5°	8.3	8.3	8.3	0.0
10°	8.3	8.3	8.3	0.0
7.5°	8.3	8.3	8.3	0.0
5°	8.3	8.3	8.3	0.0
2.5°	8.3	8.3	8.3	0.0
0°	8.3	8.3	8.3	0.0
-2.5°	8.3	8.3	8.3	0.0
-5°	8.3	8.3	8.3	0.0
-7.5°	8.3	8.3	8.3	0.0
-10°	8.3	8.3	8.3	0.0
-12.5°	8.3	8.3	8.3	0.0
-15°	8.3	8.3	8.3	0.0
-17.5°	8.3	8.3	8.3	0.0
-20°	8.3	8.3	8.3	0.0



REPORT NUMBER: P724207
 CATALOG NUMBER: IFLD-L-SA7D-760-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	8.3	8.3	8.3	0.0
-25°	8.3	8.3	8.3	0.0
-27.5°	8.3	8.3	8.3	0.0
-30°	8.3	8.3	8.3	0.0
-32.5°	8.3	8.3	8.3	0.0
-35°	8.3	8.3	8.3	0.0
-37.5°	8.3	8.3	8.3	0.0
-40°	8.3	8.3	8.3	0.0
-42.5°	8.3	8.3	8.3	0.0
-45°	8.3	8.3	8.3	0.0
-47.5°	8.3	8.3	8.3	0.0
-50°	8.3	8.3	8.3	0.0
-52.5°	8.3	8.3	8.3	0.0
-55°	8.3	8.3	8.3	0.0
-57.5°	8.3	8.3	8.3	0.0
-60°	8.3	8.3	0.0	0.0
-62.5°	8.3	8.3	0.0	0.0
-65°	8.3	8.3	0.0	0.0
-67.5°	8.3	8.3	0.0	0.0
-70°	8.3	8.3	0.0	0.0
-72.5°	8.3	8.3	0.0	0.0
-75°	8.3	8.3	0.0	0.0
-77.5°	8.3	0.0	0.0	0.0
-80°	8.3	0.0	0.0	0.0
-82.5°	8.3	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)