

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: P724064

Luminaire Tested: **IFLD-L-SA8A-727-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724064
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-727-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (128) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

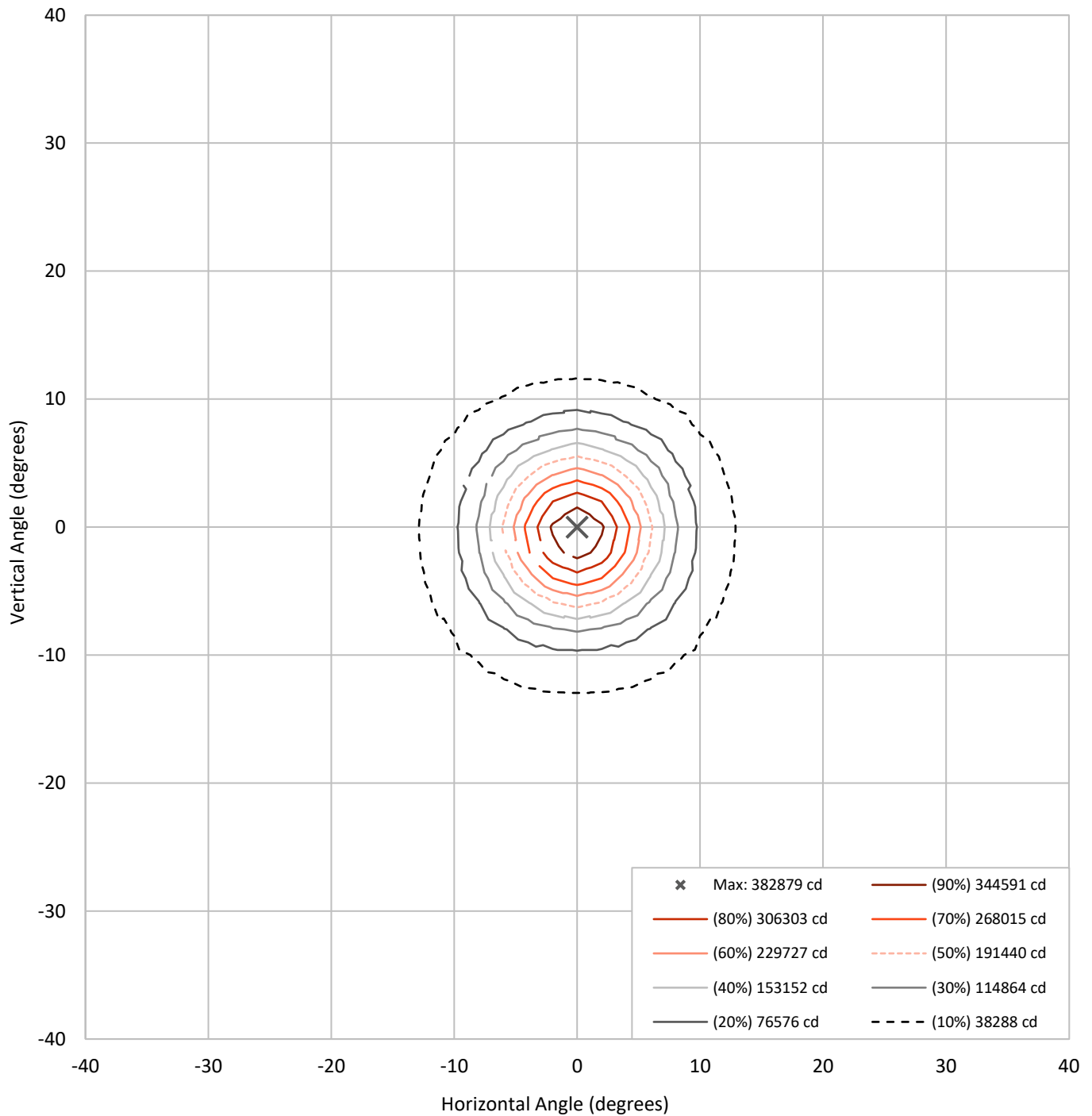
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	26744.3 lumens	Max Intensity:	382879 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	8366.8 lumens	Field Lumens:	19037.6 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 247.8
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





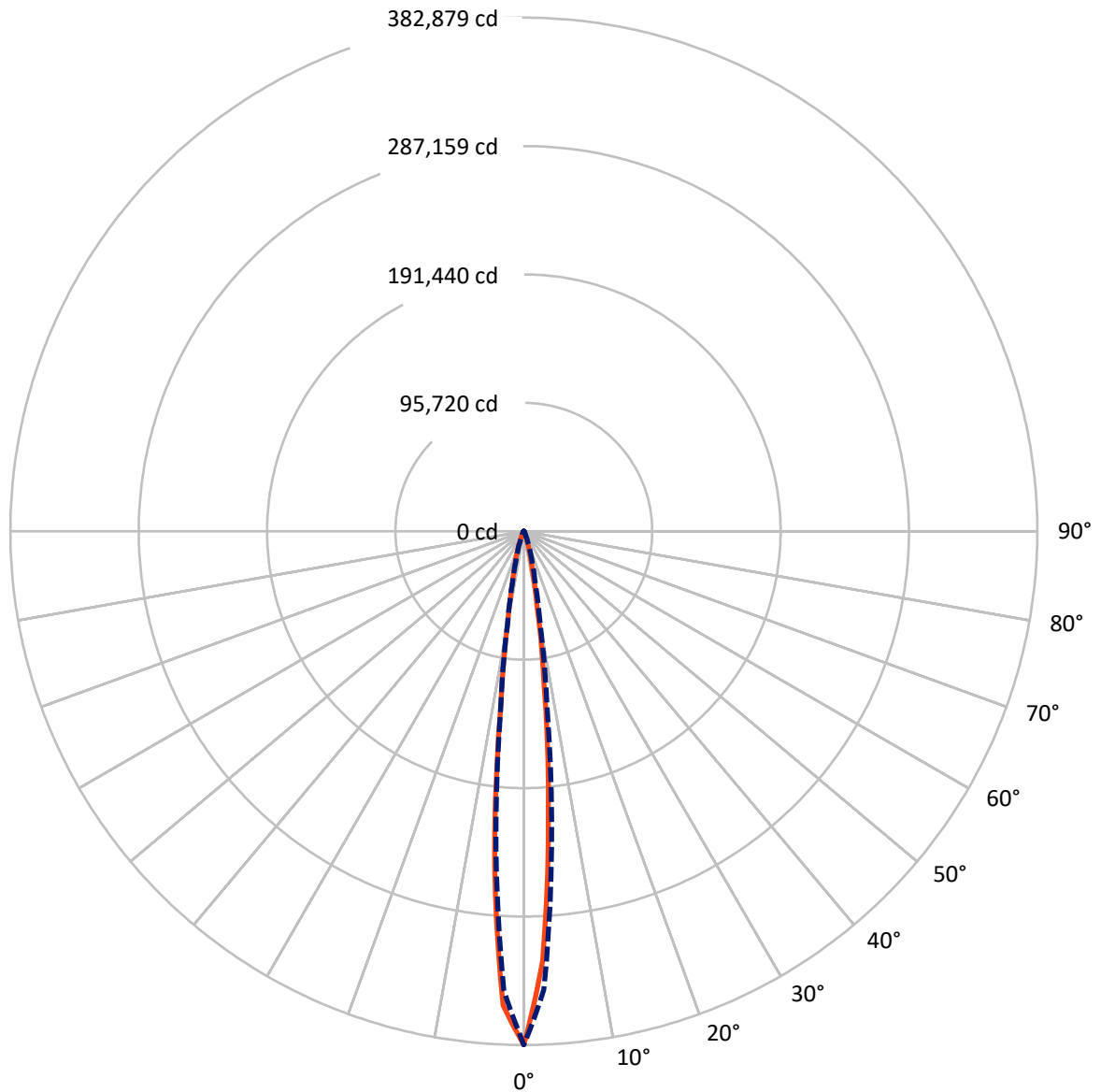
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Lumen Table

90	0.2	1.6		1.4		0.6		0.1		0.6		1.4		1.6		0.2			
80	0.2	1.6		1.4		0.6		0.1		0.6		1.4		1.6		0.2			
70	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.2			
60		0.2	0.3	0.7	1.4	2.1	2.6	3.0	3.0	2.6	2.1	1.4	0.7	0.3	0.2				
50	0.2	0.2	0.9	2.2	3.8	5.4	7.1	8.4	8.4	7.1	5.4	3.8	2.2	0.9	0.2	0.2			
40		0.4	1.9	4.0	6.8	10.8	16.3	19.4	19.4	16.3	10.8	6.8	4.0	1.9	0.4				
30	0.3	0.8	2.9	5.9	10.7	18.5	35.7	57.6	57.6	35.7	18.5	10.7	5.9	2.9	0.8	0.3			
20		1.2	3.8	8.0	16.3	40.3	210.7	533.1	533.1	210.7	40.3	16.3	8.0	3.8	1.2				
10	0.4	1.5	4.6	9.5	19.9	81.9	678.6	4181.8	4181.8	678.6	81.9	19.9	9.5	4.6	1.5	0.4			
0		1.7	5.0	10.0	20.7	93.4	746.7	4605.3	4605.3	746.7	93.4	20.7	10.0	5.0	1.7				
-10	0.6	1.8	5.2	9.9	19.4	56.0	335.2	807.7	807.7	335.2	56.0	19.4	9.9	5.2	1.8	0.6			
-20		1.8	5.1	9.4	16.4	28.5	69.3	130.1	130.1	69.3	28.5	16.4	9.4	5.1	1.8				
-30	0.6	1.6	4.7	8.7	13.7	20.2	28.6	33.6	33.6	28.6	20.2	13.7	8.7	4.7	1.6	0.6			
-40		1.4	4.1	7.8	11.9	15.7	19.9	22.1	22.1	19.9	15.7	11.9	7.8	4.1	1.4				
-50	0.5	1.2	3.3	6.6	10.4	13.7	16.9	18.4	18.4	16.9	13.7	10.4	6.6	3.3	1.2	0.5			
-60		0.9	2.4	4.8	8.0	11.0	13.8	15.3	15.3	13.8	11.0	8.0	4.8	2.4	0.9				
-70	0.3	3.6		10.0		18.5		22.3		18.5		10.0		3.6		0.3			
-80		3.6		10.0		18.5		22.3		18.5		10.0		3.6					
-90	0.3	3.6		10.0		18.5		22.3		18.5		10.0		3.6		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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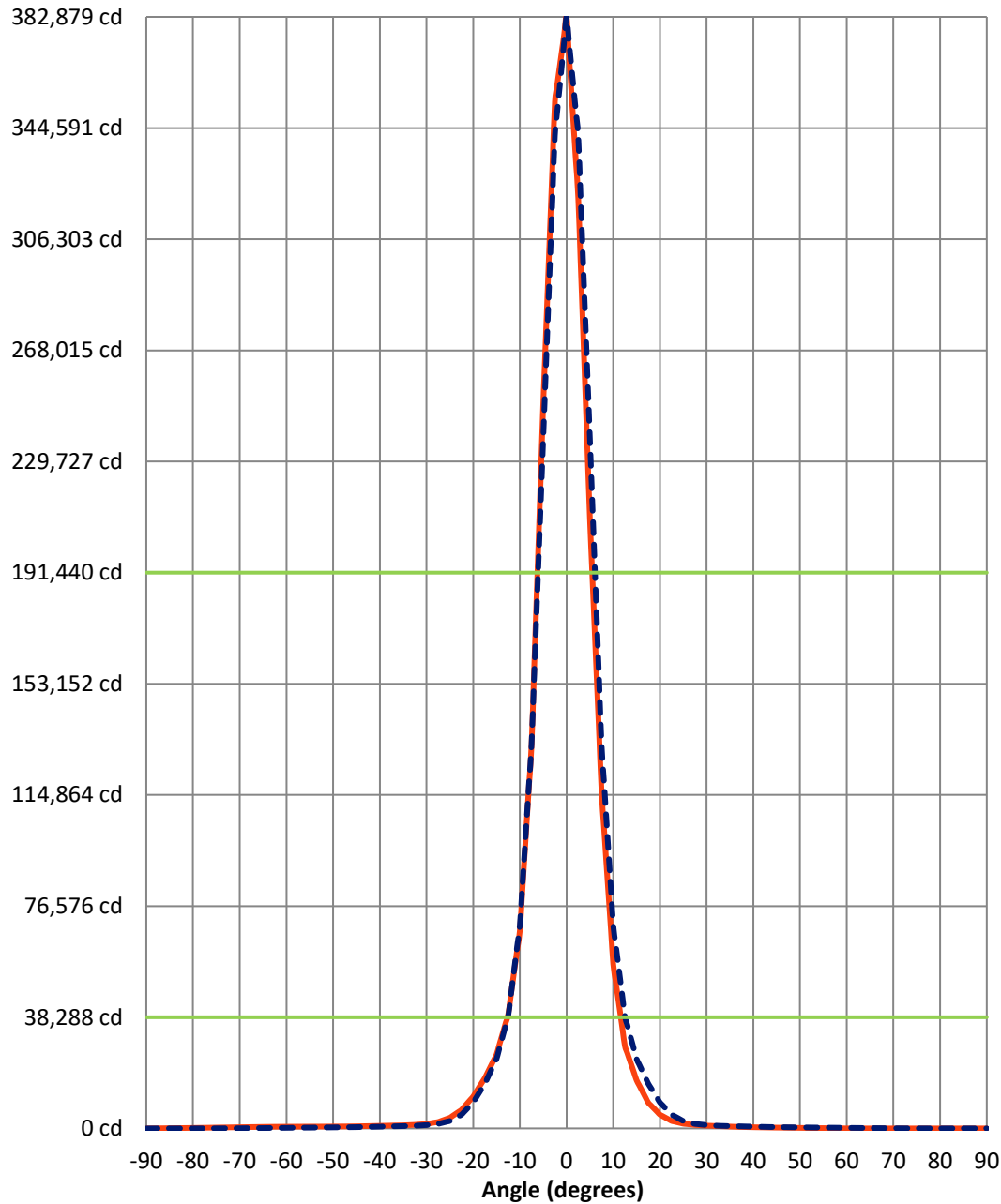
Luminous Intensity Polar Plot



— 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: 8366.8
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 19037.6
Efficiency: 71.2%

Spill:
Lumens: 7706.7
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	4.8	4.8
85°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	9.6	9.6
82.5°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	9.6	9.6	9.6
80°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	9.6	9.6	9.6
77.5°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	4.8	9.6
75°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8
72.5°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8
70°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8
67.5°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8
65°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8
62.5°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8
60°	9.6	9.6	9.6	9.6	14.4	14.4	19.2	19.2	19.2	9.6	19.2
57.5°	76.7	76.7	71.9	67.1	62.3	57.5	57.5	57.5	57.5	57.5	47.9
55°	105.4	105.4	105.4	100.6	100.6	95.8	91.0	86.2	86.2	81.5	76.7
52.5°	124.6	124.6	124.6	124.6	119.8	119.8	119.8	115.0	105.4	105.4	100.6
50°	177.3	172.5	172.5	172.5	172.5	162.9	158.1	148.5	143.7	138.9	134.2
47.5°	230.0	230.0	225.2	225.2	220.4	210.8	201.2	191.7	182.1	177.3	167.7
45°	273.1	273.1	268.3	268.3	263.5	253.9	239.6	225.2	215.6	206.0	196.4
42.5°	335.4	330.6	325.8	321.0	311.4	297.1	277.9	258.7	244.4	230.0	220.4
40°	402.5	402.5	397.7	392.9	378.5	364.1	340.2	316.2	292.3	263.5	249.1
37.5°	483.9	488.7	493.5	493.5	483.9	464.8	431.2	402.5	364.1	325.8	306.6
35°	632.5	632.5	642.0	642.0	627.7	603.7	579.7	517.5	469.5	421.6	378.5
32.5°	795.4	800.2	781.0	766.6	747.4	718.7	675.6	622.9	570.2	507.9	460.0
30°	953.5	953.5	929.5	900.8	862.4	814.5	761.8	704.3	642.0	579.7	522.3
27.5°	1202.6	1178.7	1159.5	1111.6	1044.5	953.5	886.4	795.4	713.9	642.0	579.7
25°	1614.7	1609.9	1566.8	1485.3	1351.2	1207.4	1097.2	943.9	819.3	709.1	637.2
22.5°	2568.1	2534.6	2434.0	2232.8	1916.5	1667.4	1442.2	1202.6	977.4	828.9	713.9
20°	4748.2	4638.0	4369.7	3813.9	3104.8	2616.1	2055.5	1653.0	1274.5	996.6	824.1
17.5°	8859.1	8787.3	8686.7	7402.6	5960.4	4925.5	3665.4	2534.6	1811.1	1303.2	977.4
15°	16606.7	16074.9	14963.3	13425.3	11408.1	8816.0	6482.7	4091.8	2587.3	1734.5	1241.0
12.5°	28388.6	27799.2	24929.2	21081.8	17454.8	13765.5	9664.1	6219.1	3684.5	2204.0	1470.9
10°	56566.3	52287.7	44252.6	33026.6	25777.3	19222.8	13569.0	8485.4	4796.1	2783.8	1744.0
7.5°	115858.9	101877.8	78505.8	55421.2	35872.6	25211.9	17330.2	11096.7	6391.6	3483.3	1993.2
5°	209989.1	185184.5	139513.6	84006.2	52091.2	31598.7	20564.3	13195.3	7565.5	4053.5	2242.3
2.5°	320639.8	288552.4	201700.1	115513.9	64232.4	36543.4	22825.8	14575.2	8312.9	4441.6	2434.0
0°	382879.0	342009.1	237534.4	132250.0	70015.5	38642.0	23932.6	15404.1	8945.4	4757.8	2558.6
-2.5°	353685.5	320783.6	218297.3	122849.4	66906.0	37722.0	24090.7	15610.1	9050.8	4844.0	2616.1
-5°	249277.9	222274.1	151046.3	90656.5	56767.5	34746.6	22730.0	14833.9	8758.5	4719.4	2592.1
-7.5°	131881.0	119663.2	89578.5	65142.8	41435.3	29409.1	20463.7	13458.8	8001.5	4384.1	2448.4
-10°	68137.3	65631.5	56556.7	42633.2	33529.6	24637.0	17464.4	11508.7	6688.7	3775.6	2204.0
-12.5°	39284.0	38857.6	35939.7	30851.3	25710.2	20238.5	14330.8	9386.2	5581.9	3128.7	1859.0
-15°	25437.1	25619.2	24603.4	22485.7	19558.2	15145.4	11010.4	6981.0	4130.1	2534.6	1638.6
-17.5°	17358.9	17311.0	16836.7	15384.9	13027.6	10229.5	7297.2	4930.3	3128.7	1974.0	1360.7
-20°	10981.7	11000.9	10560.1	9558.7	7824.2	6305.4	4542.2	3325.2	2218.4	1552.4	1202.6



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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°	6372.5	6386.8	6108.9	5543.6	4633.2	3737.2	2951.5	2199.2	1633.8	1293.7	1054.1
-25°	3660.6	3603.1	3492.9	3219.8	2793.3	2304.6	1959.6	1547.6	1308.0	1097.2	963.1
-27.5°	2218.4	2180.0	2122.6	2002.8	1835.1	1590.7	1432.6	1250.5	1111.6	987.0	905.6
-30°	1547.6	1562.0	1514.1	1451.8	1375.1	1264.9	1178.7	1092.4	1001.4	924.7	848.1
-32.5°	1231.4	1241.0	1217.0	1193.0	1154.7	1111.6	1058.9	996.6	924.7	852.9	781.0
-35°	1058.9	1063.7	1063.7	1058.9	1049.3	1015.8	977.4	919.9	852.9	785.8	723.5
-37.5°	972.6	977.4	977.4	972.6	958.3	929.5	891.2	843.3	781.0	718.7	670.8
-40°	881.6	886.4	881.6	872.0	857.6	828.9	800.2	761.8	713.9	661.2	618.1
-42.5°	795.4	790.6	785.8	776.2	761.8	742.7	718.7	689.9	656.4	618.1	584.5
-45°	713.9	713.9	709.1	704.3	694.7	680.4	666.0	642.0	618.1	589.3	560.6
-47.5°	670.8	670.8	666.0	661.2	656.4	646.8	632.5	613.3	594.1	570.2	546.2
-50°	642.0	642.0	642.0	637.2	632.5	622.9	608.5	594.1	575.0	551.0	527.0
-52.5°	622.9	622.9	622.9	618.1	613.3	608.5	594.1	575.0	551.0	531.8	512.7
-55°	613.3	608.5	608.5	603.7	598.9	594.1	575.0	555.8	536.6	517.5	498.3
-57.5°	598.9	594.1	594.1	589.3	584.5	579.7	560.6	541.4	522.3	498.3	483.9
-60°	584.5	579.7	579.7	570.2	565.4	560.6	541.4	522.3	503.1	483.9	464.8
-62.5°	565.4	560.6	555.8	551.0	541.4	531.8	517.5	498.3	474.3	455.2	436.0
-65°	522.3	517.5	512.7	507.9	503.1	498.3	483.9	460.0	440.8	421.6	402.5
-67.5°	469.5	469.5	469.5	460.0	455.2	445.6	436.0	416.8	397.7	378.5	364.1
-70°	407.3	407.3	407.3	397.7	392.9	388.1	373.7	359.3	345.0	330.6	311.4
-72.5°	345.0	340.2	340.2	335.4	325.8	321.0	311.4	301.9	287.5	277.9	263.5
-75°	282.7	277.9	277.9	273.1	268.3	263.5	253.9	249.1	239.6	230.0	215.6
-77.5°	225.2	225.2	225.2	220.4	215.6	210.8	206.0	201.2	196.4	186.9	177.3
-80°	172.5	172.5	172.5	172.5	172.5	172.5	172.5	167.7	158.1	153.3	148.5
-82.5°	124.6	129.4	129.4	129.4	129.4	129.4	129.4	129.4	124.6	119.8	115.0
-85°	81.5	86.2	86.2	91.0	95.8	95.8	100.6	95.8	91.0	81.5	76.7
-87.5°	43.1	43.1	43.1	43.1	43.1	43.1	43.1	38.3	38.3	38.3	33.5
-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°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	9.6	9.6	9.6
85°	9.6	9.6	9.6	9.6	14.4	14.4	14.4	19.2	19.2	19.2	19.2
82.5°	9.6	14.4	14.4	14.4	19.2	19.2	24.0	28.7	38.3	43.1	43.1
80°	9.6	14.4	14.4	14.4	19.2	19.2	24.0	24.0	28.7	33.5	43.1
77.5°	9.6	9.6	14.4	14.4	14.4	19.2	19.2	24.0	24.0	28.7	33.5
75°	4.8	9.6	9.6	9.6	14.4	14.4	19.2	19.2	24.0	24.0	28.7
72.5°	4.8	9.6	9.6	9.6	14.4	14.4	19.2	19.2	19.2	24.0	24.0
70°	4.8	9.6	9.6	9.6	9.6	14.4	14.4	14.4	19.2	19.2	19.2
67.5°	4.8	4.8	4.8	9.6	9.6	9.6	9.6	14.4	14.4	14.4	19.2
65°	4.8	4.8	4.8	4.8	9.6	9.6	9.6	9.6	14.4	14.4	14.4
62.5°	4.8	4.8	4.8	9.6	9.6	9.6	9.6	9.6	14.4	14.4	14.4
60°	19.2	19.2	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
57.5°	43.1	43.1	38.3	33.5	28.7	28.7	24.0	19.2	19.2	14.4	14.4
55°	71.9	67.1	62.3	52.7	47.9	43.1	38.3	28.7	24.0	19.2	14.4
52.5°	91.0	86.2	81.5	76.7	67.1	57.5	52.7	47.9	38.3	28.7	24.0
50°	134.2	119.8	110.2	100.6	91.0	81.5	71.9	67.1	52.7	43.1	33.5
47.5°	162.9	153.3	138.9	129.4	119.8	105.4	91.0	81.5	71.9	57.5	43.1
45°	186.9	177.3	162.9	153.3	143.7	129.4	115.0	100.6	91.0	76.7	57.5
42.5°	210.8	201.2	186.9	177.3	162.9	148.5	134.2	119.8	105.4	95.8	76.7
40°	244.4	230.0	210.8	201.2	191.7	172.5	153.3	138.9	124.6	110.2	91.0
37.5°	287.5	273.1	249.1	230.0	215.6	201.2	182.1	162.9	148.5	129.4	110.2
35°	354.6	330.6	297.1	268.3	249.1	230.0	206.0	186.9	167.7	148.5	129.4
32.5°	421.6	383.3	340.2	306.6	277.9	253.9	230.0	210.8	186.9	162.9	143.7
30°	474.3	431.2	388.1	340.2	306.6	277.9	253.9	230.0	206.0	182.1	158.1
27.5°	527.0	479.1	431.2	383.3	335.4	297.1	273.1	249.1	225.2	201.2	172.5
25°	579.7	527.0	479.1	426.4	368.9	325.8	292.3	273.1	249.1	220.4	186.9
22.5°	627.7	579.7	531.8	474.3	407.3	349.8	316.2	292.3	268.3	234.8	206.0
20°	718.7	656.4	598.9	527.0	450.4	392.9	349.8	316.2	287.5	253.9	220.4
17.5°	838.5	747.4	670.8	589.3	512.7	440.8	378.5	340.2	311.4	273.1	234.8
15°	991.8	833.7	737.9	656.4	565.4	483.9	416.8	364.1	325.8	287.5	253.9
12.5°	1106.8	900.8	795.4	718.7	622.9	531.8	445.6	383.3	340.2	301.9	263.5
10°	1236.2	972.6	843.3	757.0	656.4	555.8	464.8	397.7	349.8	316.2	277.9
7.5°	1341.6	1030.1	867.2	771.4	675.6	575.0	483.9	412.1	364.1	325.8	287.5
5°	1437.4	1078.0	886.4	776.2	685.2	589.3	493.5	421.6	373.7	335.4	297.1
2.5°	1504.5	1121.2	905.6	785.8	694.7	598.9	507.9	431.2	383.3	345.0	306.6
0°	1562.0	1135.5	900.8	785.8	699.5	598.9	512.7	436.0	388.1	349.8	311.4
-2.5°	1581.1	1159.5	924.7	795.4	709.1	608.5	522.3	440.8	392.9	354.6	321.0
-5°	1581.1	1140.3	924.7	804.9	713.9	613.3	522.3	445.6	397.7	359.3	321.0
-7.5°	1523.6	1111.6	919.9	814.5	718.7	618.1	522.3	450.4	402.5	364.1	325.8
-10°	1423.0	1068.5	915.1	819.3	718.7	613.3	522.3	450.4	402.5	364.1	330.6
-12.5°	1260.1	1011.0	891.2	809.7	709.1	603.7	517.5	450.4	402.5	368.9	330.6
-15°	1178.7	963.1	862.4	781.0	685.2	589.3	507.9	445.6	402.5	368.9	335.4
-17.5°	1068.5	924.7	833.7	752.2	666.0	575.0	498.3	445.6	402.5	364.1	335.4
-20°	991.8	881.6	800.2	728.3	642.0	560.6	493.5	440.8	402.5	364.1	335.4



REPORT NUMBER: P724064

CATALOG NUMBER: IFLD-L-SA8A-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°	924.7	833.7	761.8	689.9	613.3	541.4	483.9	436.0	397.7	364.1	335.4
-25°	872.0	790.6	723.5	656.4	589.3	527.0	474.3	431.2	392.9	364.1	330.6
-27.5°	824.1	747.4	685.2	622.9	560.6	512.7	464.8	426.4	392.9	359.3	325.8
-30°	771.4	709.1	646.8	589.3	546.2	498.3	455.2	416.8	388.1	354.6	321.0
-32.5°	718.7	661.2	608.5	565.4	527.0	488.7	450.4	412.1	378.5	345.0	311.4
-35°	670.8	618.1	579.7	541.4	512.7	479.1	440.8	402.5	373.7	340.2	311.4
-37.5°	622.9	584.5	551.0	522.3	493.5	464.8	426.4	392.9	364.1	330.6	297.1
-40°	584.5	555.8	531.8	507.9	479.1	445.6	416.8	383.3	354.6	321.0	282.7
-42.5°	560.6	536.6	512.7	488.7	464.8	436.0	407.3	373.7	345.0	311.4	273.1
-45°	536.6	517.5	498.3	479.1	455.2	426.4	392.9	359.3	330.6	297.1	268.3
-47.5°	522.3	503.1	483.9	469.5	450.4	412.1	383.3	349.8	316.2	287.5	253.9
-50°	507.9	488.7	474.3	455.2	431.2	397.7	368.9	335.4	306.6	273.1	244.4
-52.5°	493.5	474.3	455.2	436.0	412.1	383.3	354.6	325.8	292.3	258.7	230.0
-55°	479.1	460.0	440.8	421.6	397.7	373.7	345.0	306.6	273.1	239.6	210.8
-57.5°	464.8	450.4	426.4	402.5	378.5	354.6	321.0	287.5	253.9	220.4	196.4
-60°	445.6	426.4	407.3	378.5	354.6	325.8	297.1	268.3	234.8	206.0	182.1
-62.5°	416.8	397.7	378.5	349.8	325.8	301.9	277.9	244.4	220.4	191.7	167.7
-65°	383.3	364.1	345.0	321.0	297.1	273.1	253.9	225.2	201.2	177.3	158.1
-67.5°	345.0	325.8	311.4	287.5	268.3	244.4	225.2	201.2	177.3	158.1	138.9
-70°	297.1	282.7	268.3	249.1	230.0	210.8	191.7	172.5	153.3	138.9	119.8
-72.5°	253.9	239.6	225.2	210.8	196.4	177.3	162.9	148.5	134.2	119.8	110.2
-75°	206.0	196.4	186.9	177.3	162.9	148.5	138.9	124.6	115.0	105.4	100.6
-77.5°	172.5	162.9	153.3	143.7	134.2	124.6	115.0	105.4	100.6	95.8	91.0
-80°	138.9	134.2	129.4	119.8	115.0	105.4	100.6	91.0	91.0	91.0	91.0
-82.5°	110.2	105.4	100.6	95.8	91.0	86.2	86.2	81.5	86.2	86.2	81.5
-85°	76.7	71.9	67.1	67.1	62.3	62.3	57.5	57.5	57.5	52.7	52.7
-87.5°	33.5	33.5	33.5	33.5	28.7	28.7	28.7	28.7	28.7	24.0	24.0
-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: P724064
 CATALOG NUMBER: IFLD-L-SA8A-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°	9.6	9.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0	0.0
85°	19.2	19.2	14.4	14.4	14.4	9.6	9.6	4.8	4.8	4.8	4.8
82.5°	43.1	38.3	33.5	28.7	24.0	19.2	14.4	9.6	9.6	4.8	4.8
80°	52.7	52.7	52.7	47.9	38.3	28.7	19.2	14.4	9.6	4.8	4.8
77.5°	38.3	38.3	43.1	47.9	47.9	38.3	24.0	14.4	9.6	9.6	4.8
75°	28.7	28.7	28.7	33.5	38.3	38.3	28.7	19.2	9.6	9.6	4.8
72.5°	28.7	28.7	28.7	28.7	28.7	28.7	28.7	19.2	14.4	9.6	9.6
70°	24.0	24.0	24.0	24.0	24.0	24.0	24.0	19.2	14.4	9.6	9.6
67.5°	19.2	19.2	24.0	24.0	24.0	19.2	19.2	19.2	14.4	9.6	9.6
65°	14.4	19.2	19.2	24.0	19.2	19.2	19.2	14.4	14.4	9.6	9.6
62.5°	14.4	14.4	19.2	19.2	19.2	19.2	14.4	14.4	14.4	9.6	9.6
60°	14.4	14.4	14.4	19.2	14.4	14.4	14.4	14.4	14.4	9.6	9.6
57.5°	14.4	14.4	14.4	14.4	14.4	14.4	14.4	9.6	9.6	9.6	9.6
55°	14.4	14.4	14.4	14.4	14.4	14.4	9.6	9.6	9.6	9.6	9.6
52.5°	19.2	14.4	14.4	14.4	14.4	14.4	9.6	9.6	9.6	9.6	9.6
50°	24.0	14.4	14.4	14.4	14.4	9.6	9.6	9.6	9.6	9.6	9.6
47.5°	33.5	24.0	19.2	14.4	14.4	9.6	9.6	9.6	9.6	9.6	4.8
45°	47.9	33.5	24.0	19.2	14.4	9.6	9.6	9.6	9.6	9.6	4.8
42.5°	57.5	43.1	28.7	24.0	19.2	14.4	9.6	9.6	9.6	4.8	4.8
40°	71.9	57.5	38.3	28.7	19.2	14.4	9.6	9.6	9.6	4.8	4.8
37.5°	91.0	71.9	47.9	33.5	24.0	14.4	14.4	9.6	9.6	4.8	4.8
35°	105.4	81.5	62.3	38.3	28.7	19.2	14.4	9.6	9.6	4.8	4.8
32.5°	119.8	95.8	76.7	47.9	33.5	24.0	19.2	9.6	9.6	4.8	4.8
30°	134.2	110.2	86.2	62.3	43.1	28.7	19.2	9.6	9.6	4.8	4.8
27.5°	148.5	119.8	95.8	71.9	47.9	33.5	24.0	14.4	9.6	4.8	4.8
25°	162.9	134.2	105.4	81.5	52.7	38.3	24.0	14.4	9.6	9.6	4.8
22.5°	172.5	148.5	119.8	91.0	62.3	43.1	28.7	19.2	9.6	9.6	4.8
20°	186.9	162.9	129.4	100.6	71.9	47.9	28.7	19.2	9.6	9.6	4.8
17.5°	201.2	172.5	138.9	110.2	81.5	52.7	33.5	24.0	9.6	9.6	4.8
15°	215.6	182.1	148.5	115.0	86.2	57.5	33.5	24.0	9.6	9.6	4.8
12.5°	230.0	196.4	158.1	124.6	91.0	62.3	38.3	28.7	14.4	9.6	4.8
10°	239.6	206.0	167.7	129.4	95.8	71.9	43.1	28.7	14.4	9.6	4.8
7.5°	253.9	215.6	177.3	138.9	100.6	76.7	47.9	28.7	14.4	9.6	4.8
5°	258.7	225.2	182.1	148.5	105.4	81.5	52.7	33.5	14.4	9.6	4.8
2.5°	263.5	234.8	186.9	153.3	110.2	81.5	52.7	33.5	19.2	9.6	4.8
0°	268.3	239.6	191.7	158.1	115.0	86.2	57.5	33.5	19.2	9.6	4.8
-2.5°	273.1	244.4	201.2	162.9	119.8	91.0	62.3	33.5	19.2	9.6	4.8
-5°	277.9	244.4	210.8	167.7	124.6	91.0	62.3	38.3	24.0	9.6	4.8
-7.5°	282.7	249.1	215.6	172.5	129.4	91.0	67.1	38.3	24.0	14.4	4.8
-10°	287.5	253.9	220.4	177.3	129.4	95.8	67.1	38.3	24.0	14.4	4.8
-12.5°	292.3	258.7	220.4	177.3	134.2	95.8	67.1	43.1	24.0	14.4	4.8
-15°	297.1	258.7	220.4	177.3	134.2	100.6	71.9	43.1	24.0	14.4	9.6
-17.5°	297.1	258.7	220.4	182.1	134.2	100.6	71.9	43.1	24.0	14.4	9.6
-20°	297.1	258.7	220.4	182.1	134.2	100.6	71.9	43.1	24.0	14.4	9.6



REPORT NUMBER: P724064

CATALOG NUMBER: IFLD-L-SA8A-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°	292.3	253.9	220.4	177.3	134.2	100.6	71.9	43.1	28.7	14.4	9.6
-25°	292.3	253.9	220.4	177.3	134.2	100.6	67.1	43.1	28.7	14.4	9.6
-27.5°	287.5	253.9	215.6	172.5	129.4	95.8	67.1	43.1	28.7	14.4	9.6
-30°	282.7	249.1	210.8	167.7	129.4	95.8	67.1	43.1	28.7	14.4	9.6
-32.5°	277.9	239.6	206.0	162.9	124.6	91.0	67.1	43.1	28.7	14.4	9.6
-35°	268.3	234.8	196.4	158.1	119.8	91.0	62.3	43.1	28.7	19.2	9.6
-37.5°	258.7	225.2	191.7	153.3	115.0	86.2	62.3	43.1	28.7	19.2	9.6
-40°	249.1	220.4	182.1	143.7	110.2	81.5	62.3	43.1	28.7	19.2	14.4
-42.5°	239.6	210.8	177.3	138.9	110.2	81.5	57.5	43.1	28.7	19.2	14.4
-45°	234.8	206.0	167.7	134.2	105.4	81.5	57.5	38.3	28.7	19.2	14.4
-47.5°	225.2	191.7	158.1	129.4	100.6	76.7	52.7	38.3	28.7	19.2	14.4
-50°	210.8	182.1	153.3	124.6	95.8	71.9	52.7	38.3	28.7	19.2	14.4
-52.5°	196.4	167.7	143.7	115.0	91.0	71.9	52.7	38.3	28.7	19.2	14.4
-55°	182.1	158.1	134.2	110.2	86.2	67.1	47.9	38.3	28.7	19.2	14.4
-57.5°	172.5	148.5	124.6	100.6	81.5	62.3	47.9	33.5	24.0	19.2	14.4
-60°	162.9	138.9	115.0	95.8	76.7	62.3	47.9	33.5	24.0	19.2	9.6
-62.5°	148.5	129.4	105.4	91.0	71.9	57.5	43.1	33.5	24.0	19.2	9.6
-65°	134.2	115.0	95.8	81.5	67.1	52.7	43.1	33.5	24.0	19.2	9.6
-67.5°	119.8	105.4	91.0	76.7	62.3	52.7	43.1	33.5	24.0	14.4	9.6
-70°	110.2	95.8	81.5	71.9	62.3	47.9	43.1	33.5	24.0	14.4	9.6
-72.5°	95.8	86.2	76.7	67.1	57.5	52.7	43.1	33.5	19.2	14.4	9.6
-75°	91.0	81.5	71.9	67.1	62.3	52.7	43.1	28.7	19.2	14.4	9.6
-77.5°	91.0	81.5	76.7	71.9	62.3	52.7	38.3	24.0	14.4	14.4	9.6
-80°	91.0	86.2	81.5	67.1	57.5	43.1	28.7	24.0	14.4	9.6	4.8
-82.5°	81.5	67.1	57.5	47.9	43.1	33.5	24.0	19.2	9.6	9.6	4.8
-85°	52.7	43.1	38.3	33.5	28.7	24.0	14.4	9.6	9.6	4.8	4.8
-87.5°	24.0	24.0	19.2	14.4	14.4	9.6	9.6	4.8	4.8	4.8	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: P724064
 CATALOG NUMBER: IFLD-L-SA8A-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°	4.8	0.0	0.0	0.0
77.5°	4.8	0.0	0.0	0.0
75°	4.8	4.8	0.0	0.0
72.5°	4.8	4.8	0.0	0.0
70°	4.8	4.8	0.0	0.0
67.5°	4.8	4.8	0.0	0.0
65°	4.8	4.8	0.0	0.0
62.5°	4.8	4.8	0.0	0.0
60°	4.8	4.8	0.0	0.0
57.5°	4.8	4.8	4.8	0.0
55°	4.8	4.8	4.8	0.0
52.5°	4.8	4.8	4.8	0.0
50°	4.8	4.8	4.8	0.0
47.5°	4.8	4.8	4.8	0.0
45°	4.8	4.8	4.8	0.0
42.5°	4.8	4.8	4.8	0.0
40°	4.8	4.8	4.8	0.0
37.5°	4.8	4.8	4.8	0.0
35°	4.8	4.8	4.8	0.0
32.5°	4.8	4.8	4.8	0.0
30°	4.8	4.8	4.8	0.0
27.5°	4.8	4.8	4.8	0.0
25°	4.8	4.8	4.8	0.0
22.5°	4.8	4.8	4.8	0.0
20°	4.8	4.8	4.8	0.0
17.5°	4.8	4.8	4.8	0.0
15°	4.8	4.8	4.8	0.0
12.5°	4.8	4.8	4.8	0.0
10°	4.8	4.8	4.8	0.0
7.5°	4.8	4.8	4.8	0.0
5°	4.8	4.8	4.8	0.0
2.5°	4.8	4.8	4.8	0.0
0°	4.8	4.8	4.8	0.0
-2.5°	4.8	4.8	4.8	0.0
-5°	4.8	4.8	4.8	0.0
-7.5°	4.8	4.8	4.8	0.0
-10°	4.8	4.8	4.8	0.0
-12.5°	4.8	4.8	4.8	0.0
-15°	4.8	4.8	4.8	0.0
-17.5°	4.8	4.8	4.8	0.0
-20°	4.8	4.8	4.8	0.0



REPORT NUMBER: P724064

CATALOG NUMBER: IFLD-L-SA8A-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	4.8	4.8	4.8	0.0
-25°	4.8	4.8	4.8	0.0
-27.5°	4.8	4.8	4.8	0.0
-30°	4.8	4.8	4.8	0.0
-32.5°	4.8	4.8	4.8	0.0
-35°	4.8	4.8	4.8	0.0
-37.5°	4.8	4.8	4.8	0.0
-40°	4.8	4.8	4.8	0.0
-42.5°	4.8	4.8	4.8	0.0
-45°	4.8	4.8	4.8	0.0
-47.5°	4.8	4.8	4.8	0.0
-50°	4.8	4.8	4.8	0.0
-52.5°	4.8	4.8	4.8	0.0
-55°	4.8	4.8	4.8	0.0
-57.5°	4.8	4.8	4.8	0.0
-60°	4.8	4.8	0.0	0.0
-62.5°	4.8	4.8	0.0	0.0
-65°	4.8	4.8	0.0	0.0
-67.5°	4.8	4.8	0.0	0.0
-70°	4.8	4.8	0.0	0.0
-72.5°	4.8	4.8	0.0	0.0
-75°	4.8	4.8	0.0	0.0
-77.5°	4.8	0.0	0.0	0.0
-80°	4.8	0.0	0.0	0.0
-82.5°	4.8	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)