

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: P724210

Luminaire Tested: **IFLD-L-SA8B-760-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724210
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-760-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (128) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

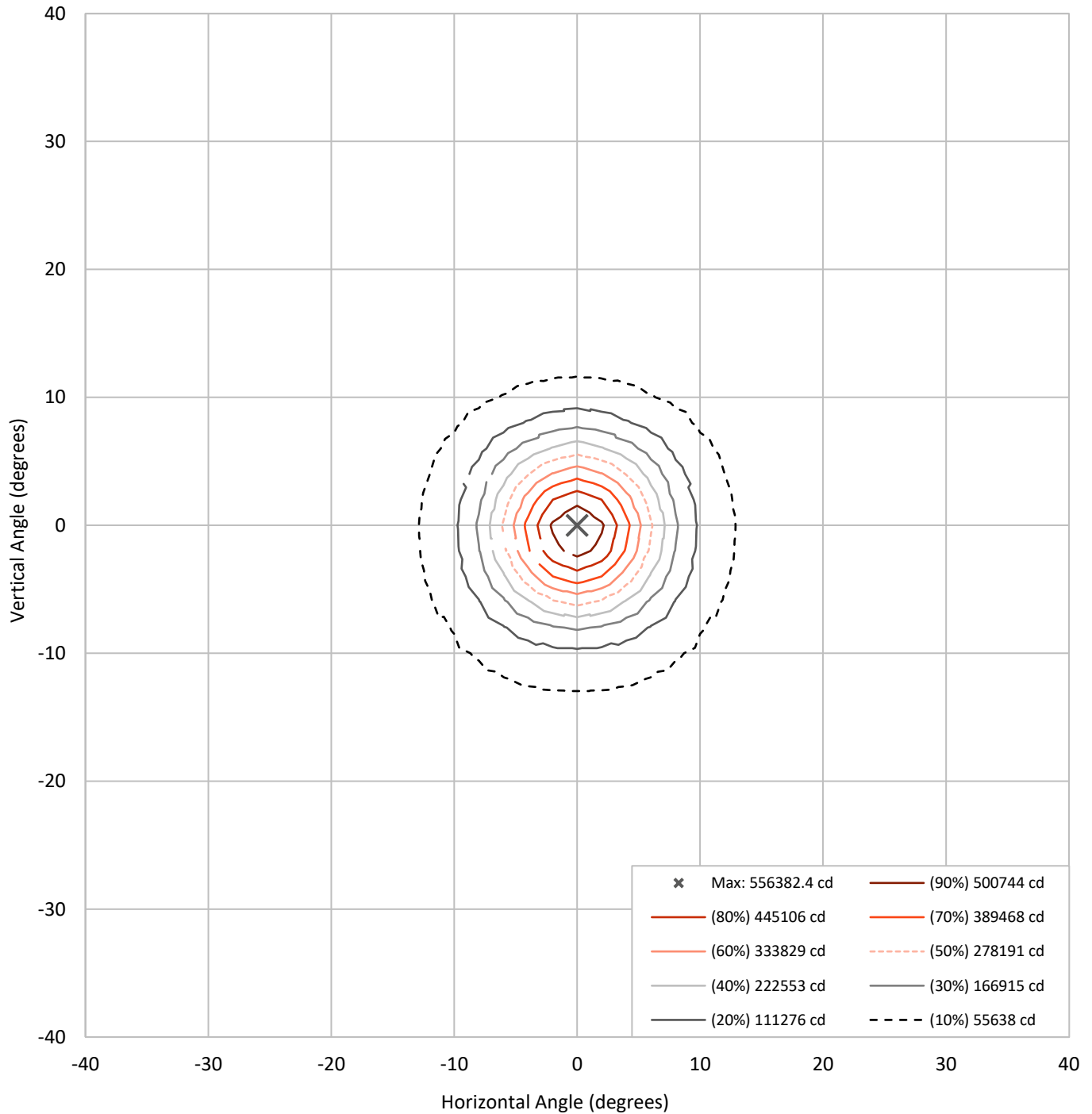
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	38863.6 lumens	Max Intensity:	556382.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	121.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	12158.3 lumens	Field Lumens:	27664.5 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 320
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



REPORT NUMBER: P724210
CATALOG NUMBER: IFLD-L-SA8B-760-U-22-VI

Iso-Candela Plot





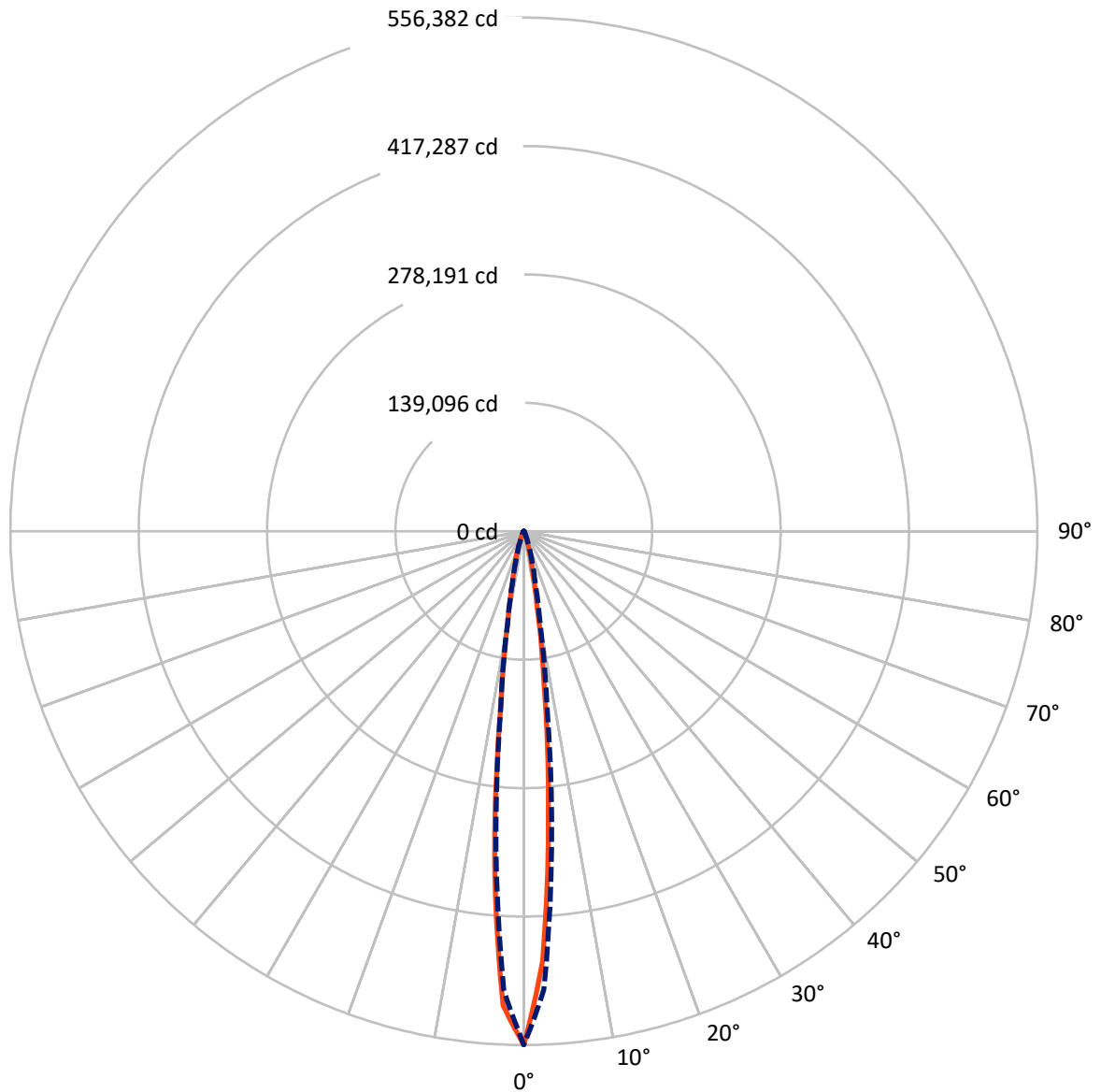
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Lumen Table

90	0.3	2.3		2.0		0.9		0.1		0.9		2.0		2.3		0.3			
80	0.3	2.3		2.0		0.9		0.1		0.9		2.0		2.3		0.3			
70	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.3	0.3	0.3	0.4	0.4	0.4	0.3			
60		0.3	0.4	1.1	2.0	3.0	3.8	4.3	4.3	3.8	3.0	2.0	1.1	0.4	0.3				
50	0.2	0.3	1.2	3.2	5.5	7.8	10.3	12.2	12.2	10.3	7.8	5.5	3.2	1.2	0.3	0.2			
40		0.6	2.7	5.9	9.9	15.6	23.6	28.3	28.3	23.6	15.6	9.9	5.9	2.7	0.6				
30	0.4	1.2	4.2	8.5	15.6	26.9	51.8	83.7	83.7	51.8	26.9	15.6	8.5	4.2	1.2	0.4			
20		1.7	5.6	11.7	23.7	58.6	306.2	774.6	774.6	306.2	58.6	23.7	11.7	5.6	1.7				
10	0.6	2.2	6.6	13.8	28.9	119.1	986.1	6076.9	6076.9	986.1	119.1	28.9	13.8	6.6	2.2	0.6			
0		2.5	7.2	14.6	30.1	135.7	1085.1	6692.3	6692.3	1085.1	135.7	30.1	14.6	7.2	2.5				
-10	0.8	2.7	7.6	14.4	28.2	81.3	487.1	1173.7	1173.7	487.1	81.3	28.2	14.4	7.6	2.7	0.8			
-20		2.7	7.5	13.7	23.9	41.4	100.6	189.1	189.1	100.6	41.4	23.9	13.7	7.5	2.7				
-30	0.8	2.4	6.9	12.7	19.9	29.4	41.5	48.8	48.8	41.5	29.4	19.9	12.7	6.9	2.4	0.8			
-40		2.1	6.0	11.4	17.3	22.8	28.9	32.1	32.1	28.9	22.8	17.3	11.4	6.0	2.1				
-50	0.7	1.7	4.8	9.6	15.1	20.0	24.5	26.7	26.7	24.5	20.0	15.1	9.6	4.8	1.7	0.7			
-60		1.3	3.5	7.0	11.6	15.9	20.1	22.3	22.3	20.1	15.9	11.6	7.0	3.5	1.3				
-70	0.4	1.7	4.8	9.6	15.1	20.0	24.5	26.7	26.7	24.5	20.0	15.1	9.6	4.8	1.7	0.4			
-80		1.3	3.5	7.0	11.6	15.9	20.1	22.3	22.3	20.1	15.9	11.6	7.0	3.5	1.3				
-90	0.4	5.3		14.5		26.9		32.4		26.9		14.5		5.3		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P724210
CATALOG NUMBER: IFLD-L-SA8B-760-U-22-VI

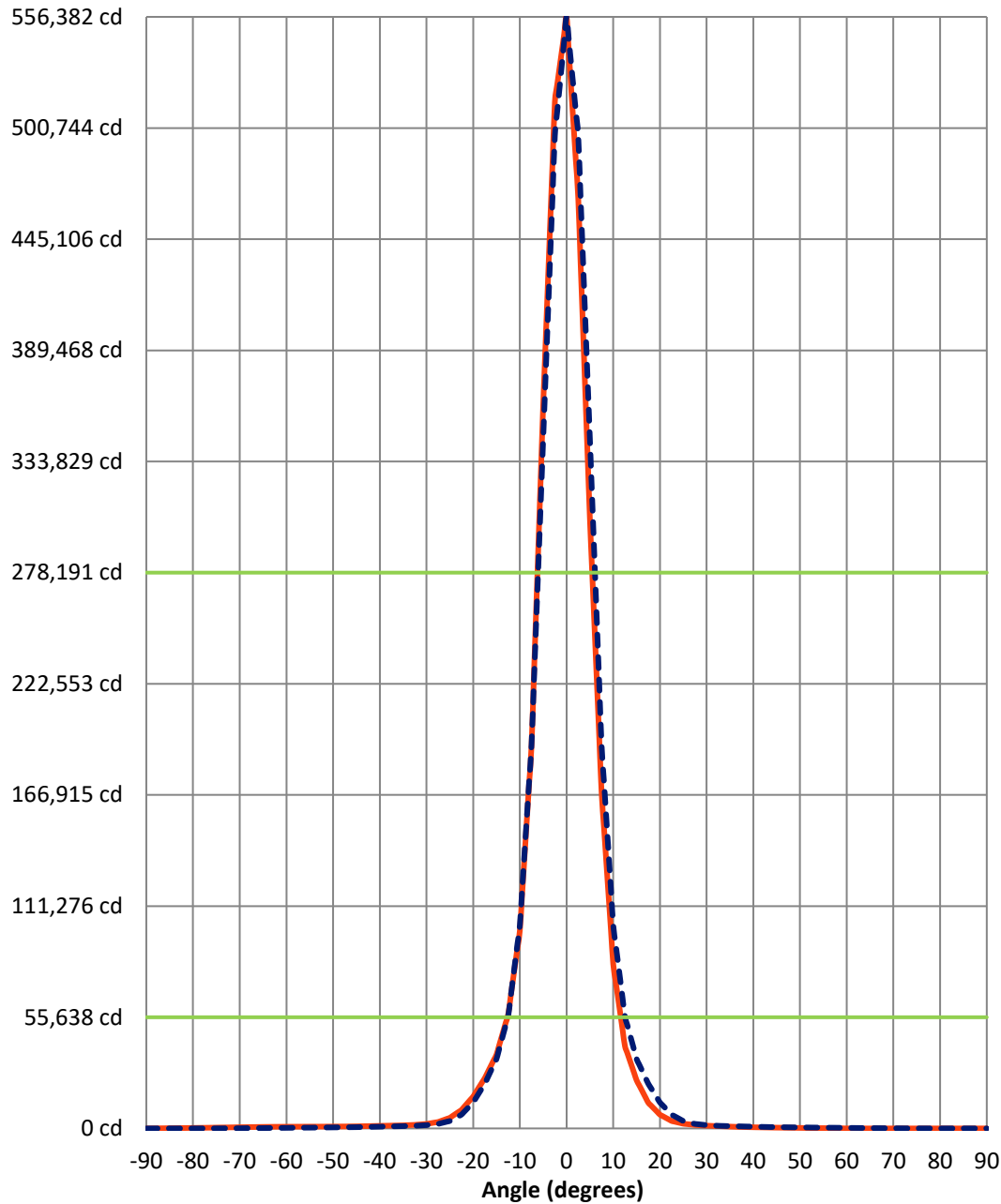
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P724210
 CATALOG NUMBER: IFLD-L-SA8B-760-U-22-VI

Luminous Intensity Plot



Beam:
 H Angle: 12.2°
 V Angle: 11.7°
 Lumens: 12158.3
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 27664.5
 Efficiency: 71.2%

Spill:
 Lumens: 11199.1
 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	7.0	7.0
85°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	13.9	13.9
82.5°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	13.9	13.9	13.9
80°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	13.9	13.9	13.9
77.5°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	7.0	13.9
75°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
72.5°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
70°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
67.5°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
65°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
62.5°	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
60°	13.9	13.9	13.9	13.9	20.9	20.9	27.9	27.9	27.9	13.9	27.9
57.5°	111.4	111.4	104.4	97.5	90.5	83.6	83.6	83.6	83.6	83.6	69.6
55°	153.2	153.2	153.2	146.2	146.2	139.3	132.3	125.3	125.3	118.4	111.4
52.5°	181.0	181.0	181.0	181.0	174.1	174.1	174.1	167.1	153.2	153.2	146.2
50°	257.6	250.7	250.7	250.7	250.7	236.7	229.8	215.8	208.9	201.9	195.0
47.5°	334.2	334.2	327.2	327.2	320.3	306.4	292.4	278.5	264.6	257.6	243.7
45°	396.9	396.9	389.9	389.9	382.9	369.0	348.1	327.2	313.3	299.4	285.5
42.5°	487.4	480.4	473.5	466.5	452.6	431.7	403.8	376.0	355.1	334.2	320.3
40°	584.9	584.9	577.9	570.9	550.0	529.2	494.3	459.5	424.7	382.9	362.1
37.5°	703.2	710.2	717.1	717.1	703.2	675.4	626.6	584.9	529.2	473.5	445.6
35°	919.1	919.1	933.0	933.0	912.1	877.3	842.5	752.0	682.3	612.7	550.0
32.5°	1155.8	1162.7	1134.9	1114.0	1086.2	1044.4	981.7	905.1	828.5	738.0	668.4
30°	1385.5	1385.5	1350.7	1309.0	1253.3	1183.6	1107.0	1023.5	933.0	842.5	758.9
27.5°	1747.6	1712.8	1684.9	1615.3	1517.8	1385.5	1288.1	1155.8	1037.4	933.0	842.5
25°	2346.4	2339.4	2276.7	2158.4	1963.4	1754.6	1594.4	1371.6	1190.6	1030.5	926.0
22.5°	3731.9	3683.2	3537.0	3244.5	2785.0	2423.0	2095.7	1747.6	1420.4	1204.5	1037.4
20°	6899.9	6739.7	6349.8	5542.2	4511.7	3801.5	2986.9	2402.1	1852.0	1448.2	1197.6
17.5°	12873.7	12769.3	12623.1	10757.1	8661.4	7157.5	5326.3	3683.2	2631.8	1893.8	1420.4
15°	24132.1	23359.3	21744.0	19509.0	16577.8	12811.0	9420.3	5946.0	3759.8	2520.4	1803.3
12.5°	41253.0	40396.6	36226.0	30635.1	25364.5	20003.3	14043.4	9037.4	5354.2	3202.8	2137.5
10°	82199.6	75982.0	64305.9	47992.7	37458.4	27933.7	19717.9	12330.6	6969.5	4045.2	2534.4
7.5°	168360.8	148044.2	114081.0	80535.5	52128.4	36636.8	25183.5	16125.2	9288.0	5061.8	2896.4
5°	305146.6	269101.6	202734.8	122074.0	75696.6	45917.9	29883.2	19174.8	10993.8	5890.3	3258.5
2.5°	465939.2	419311.1	293101.4	167859.5	93339.6	53103.2	33169.5	21180.0	12080.0	6454.3	3537.0
0°	556382.4	496992.0	345174.2	192179.6	101743.4	56152.8	34777.8	22384.5	12999.0	6913.8	3718.0
-2.5°	513959.7	466148.0	317219.6	178519.2	97224.7	54816.0	35007.6	22683.9	13152.2	7039.1	3801.5
-5°	362239.3	322998.5	219493.6	131737.9	82492.0	50492.2	33030.2	21556.0	12727.5	6858.1	3766.7
-7.5°	191643.5	173889.1	130171.4	94662.5	60211.9	42736.0	29736.9	19557.7	11627.4	6370.7	3557.9
-10°	99014.1	95372.7	82185.7	61952.6	48723.8	35801.3	25378.4	16724.0	9719.7	5486.5	3202.8
-12.5°	57085.7	56466.1	52225.9	44831.7	37360.9	29409.7	20824.9	13639.6	8111.3	4546.5	2701.5
-15°	36964.0	37228.6	35752.6	32675.1	28421.0	22008.5	15999.9	10144.4	6001.7	3683.2	2381.2
-17.5°	25225.2	25155.6	24466.3	22356.7	18931.1	14865.0	10603.9	7164.4	4546.5	2868.6	1977.4
-20°	15958.1	15986.0	15345.4	13890.2	11369.8	9162.7	6600.5	4832.0	3223.6	2255.9	1747.6



REPORT NUMBER: P724210
 CATALOG NUMBER: IFLD-L-SA8B-760-U-22-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	9260.2	9281.0	8877.2	8055.6	6732.8	5430.8	4288.9	3195.8	2374.2	1879.9	1531.8
-25°	5319.4	5235.8	5075.7	4678.8	4059.2	3349.0	2847.7	2248.9	1900.8	1594.4	1399.5
-27.5°	3223.6	3167.9	3084.4	2910.3	2666.6	2311.6	2081.8	1817.2	1615.3	1434.3	1315.9
-30°	2248.9	2269.8	2200.2	2109.6	1998.2	1838.1	1712.8	1587.5	1455.2	1343.8	1232.4
-32.5°	1789.4	1803.3	1768.5	1733.7	1678.0	1615.3	1538.7	1448.2	1343.8	1239.3	1134.9
-35°	1538.7	1545.7	1545.7	1538.7	1524.8	1476.1	1420.4	1336.8	1239.3	1141.9	1051.3
-37.5°	1413.4	1420.4	1420.4	1413.4	1392.5	1350.7	1295.0	1225.4	1134.9	1044.4	974.8
-40°	1281.1	1288.1	1281.1	1267.2	1246.3	1204.5	1162.7	1107.0	1037.4	960.8	898.2
-42.5°	1155.8	1148.8	1141.9	1127.9	1107.0	1079.2	1044.4	1002.6	953.9	898.2	849.4
-45°	1037.4	1037.4	1030.5	1023.5	1009.6	988.7	967.8	933.0	898.2	856.4	814.6
-47.5°	974.8	974.8	967.8	960.8	953.9	939.9	919.1	891.2	863.4	828.5	793.7
-50°	933.0	933.0	933.0	926.0	919.1	905.1	884.2	863.4	835.5	800.7	765.9
-52.5°	905.1	905.1	905.1	898.2	891.2	884.2	863.4	835.5	800.7	772.8	745.0
-55°	891.2	884.2	884.2	877.3	870.3	863.4	835.5	807.7	779.8	752.0	724.1
-57.5°	870.3	863.4	863.4	856.4	849.4	842.5	814.6	786.8	758.9	724.1	703.2
-60°	849.4	842.5	842.5	828.5	821.6	814.6	786.8	758.9	731.1	703.2	675.4
-62.5°	821.6	814.6	807.7	800.7	786.8	772.8	752.0	724.1	689.3	661.4	633.6
-65°	758.9	752.0	745.0	738.0	731.1	724.1	703.2	668.4	640.6	612.7	584.9
-67.5°	682.3	682.3	682.3	668.4	661.4	647.5	633.6	605.7	577.9	550.0	529.2
-70°	591.8	591.8	591.8	577.9	570.9	564.0	543.1	522.2	501.3	480.4	452.6
-72.5°	501.3	494.3	494.3	487.4	473.5	466.5	452.6	438.6	417.8	403.8	382.9
-75°	410.8	403.8	403.8	396.9	389.9	382.9	369.0	362.1	348.1	334.2	313.3
-77.5°	327.2	327.2	327.2	320.3	313.3	306.4	299.4	292.4	285.5	271.5	257.6
-80°	250.7	250.7	250.7	250.7	250.7	250.7	250.7	243.7	229.8	222.8	215.8
-82.5°	181.0	188.0	188.0	188.0	188.0	188.0	188.0	188.0	181.0	174.1	167.1
-85°	118.4	125.3	125.3	132.3	139.3	139.3	146.2	139.3	132.3	118.4	111.4
-87.5°	62.7	62.7	62.7	62.7	62.7	62.7	62.7	55.7	55.7	55.7	48.7
-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: P724210
 CATALOG NUMBER: IFLD-L-SA8B-760-U-22-VI

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°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	13.9	13.9	13.9
85°	13.9	13.9	13.9	13.9	20.9	20.9	20.9	27.9	27.9	27.9	27.9
82.5°	13.9	20.9	20.9	20.9	27.9	27.9	34.8	41.8	55.7	62.7	62.7
80°	13.9	20.9	20.9	20.9	27.9	27.9	34.8	34.8	41.8	48.7	62.7
77.5°	13.9	13.9	20.9	20.9	20.9	27.9	27.9	34.8	34.8	41.8	48.7
75°	7.0	13.9	13.9	13.9	20.9	20.9	27.9	27.9	34.8	34.8	41.8
72.5°	7.0	13.9	13.9	13.9	20.9	20.9	27.9	27.9	27.9	34.8	34.8
70°	7.0	13.9	13.9	13.9	13.9	20.9	20.9	20.9	27.9	27.9	27.9
67.5°	7.0	7.0	7.0	13.9	13.9	13.9	13.9	20.9	20.9	20.9	27.9
65°	7.0	7.0	7.0	7.0	13.9	13.9	13.9	13.9	20.9	20.9	20.9
62.5°	7.0	7.0	7.0	13.9	13.9	13.9	13.9	13.9	20.9	20.9	20.9
60°	27.9	27.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
57.5°	62.7	62.7	55.7	48.7	41.8	41.8	34.8	27.9	27.9	20.9	20.9
55°	104.4	97.5	90.5	76.6	69.6	62.7	55.7	41.8	34.8	27.9	20.9
52.5°	132.3	125.3	118.4	111.4	97.5	83.6	76.6	69.6	55.7	41.8	34.8
50°	195.0	174.1	160.1	146.2	132.3	118.4	104.4	97.5	76.6	62.7	48.7
47.5°	236.7	222.8	201.9	188.0	174.1	153.2	132.3	118.4	104.4	83.6	62.7
45°	271.5	257.6	236.7	222.8	208.9	188.0	167.1	146.2	132.3	111.4	83.6
42.5°	306.4	292.4	271.5	257.6	236.7	215.8	195.0	174.1	153.2	139.3	111.4
40°	355.1	334.2	306.4	292.4	278.5	250.7	222.8	201.9	181.0	160.1	132.3
37.5°	417.8	396.9	362.1	334.2	313.3	292.4	264.6	236.7	215.8	188.0	160.1
35°	515.2	480.4	431.7	389.9	362.1	334.2	299.4	271.5	243.7	215.8	188.0
32.5°	612.7	557.0	494.3	445.6	403.8	369.0	334.2	306.4	271.5	236.7	208.9
30°	689.3	626.6	564.0	494.3	445.6	403.8	369.0	334.2	299.4	264.6	229.8
27.5°	765.9	696.3	626.6	557.0	487.4	431.7	396.9	362.1	327.2	292.4	250.7
25°	842.5	765.9	696.3	619.7	536.1	473.5	424.7	396.9	362.1	320.3	271.5
22.5°	912.1	842.5	772.8	689.3	591.8	508.3	459.5	424.7	389.9	341.2	299.4
20°	1044.4	953.9	870.3	765.9	654.5	570.9	508.3	459.5	417.8	369.0	320.3
17.5°	1218.4	1086.2	974.8	856.4	745.0	640.6	550.0	494.3	452.6	396.9	341.2
15°	1441.2	1211.5	1072.2	953.9	821.6	703.2	605.7	529.2	473.5	417.8	369.0
12.5°	1608.3	1309.0	1155.8	1044.4	905.1	772.8	647.5	557.0	494.3	438.6	382.9
10°	1796.3	1413.4	1225.4	1100.1	953.9	807.7	675.4	577.9	508.3	459.5	403.8
7.5°	1949.5	1496.9	1260.2	1121.0	981.7	835.5	703.2	598.8	529.2	473.5	417.8
5°	2088.8	1566.6	1288.1	1127.9	995.6	856.4	717.1	612.7	543.1	487.4	431.7
2.5°	2186.2	1629.2	1315.9	1141.9	1009.6	870.3	738.0	626.6	557.0	501.3	445.6
0°	2269.8	1650.1	1309.0	1141.9	1016.5	870.3	745.0	633.6	564.0	508.3	452.6
-2.5°	2297.6	1684.9	1343.8	1155.8	1030.5	884.2	758.9	640.6	570.9	515.2	466.5
-5°	2297.6	1657.1	1343.8	1169.7	1037.4	891.2	758.9	647.5	577.9	522.2	466.5
-7.5°	2214.1	1615.3	1336.8	1183.6	1044.4	898.2	758.9	654.5	584.9	529.2	473.5
-10°	2067.9	1552.6	1329.8	1190.6	1044.4	891.2	758.9	654.5	584.9	529.2	480.4
-12.5°	1831.1	1469.1	1295.0	1176.7	1030.5	877.3	752.0	654.5	584.9	536.1	480.4
-15°	1712.8	1399.5	1253.3	1134.9	995.6	856.4	738.0	647.5	584.9	536.1	487.4
-17.5°	1552.6	1343.8	1211.5	1093.1	967.8	835.5	724.1	647.5	584.9	529.2	487.4
-20°	1441.2	1281.1	1162.7	1058.3	933.0	814.6	717.1	640.6	584.9	529.2	487.4



REPORT NUMBER: P724210

CATALOG NUMBER: IFLD-L-SA8B-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°	1343.8	1211.5	1107.0	1002.6	891.2	786.8	703.2	633.6	577.9	529.2	487.4
-25°	1267.2	1148.8	1051.3	953.9	856.4	765.9	689.3	626.6	570.9	529.2	480.4
-27.5°	1197.6	1086.2	995.6	905.1	814.6	745.0	675.4	619.7	570.9	522.2	473.5
-30°	1121.0	1030.5	939.9	856.4	793.7	724.1	661.4	605.7	564.0	515.2	466.5
-32.5°	1044.4	960.8	884.2	821.6	765.9	710.2	654.5	598.8	550.0	501.3	452.6
-35°	974.8	898.2	842.5	786.8	745.0	696.3	640.6	584.9	543.1	494.3	452.6
-37.5°	905.1	849.4	800.7	758.9	717.1	675.4	619.7	570.9	529.2	480.4	431.7
-40°	849.4	807.7	772.8	738.0	696.3	647.5	605.7	557.0	515.2	466.5	410.8
-42.5°	814.6	779.8	745.0	710.2	675.4	633.6	591.8	543.1	501.3	452.6	396.9
-45°	779.8	752.0	724.1	696.3	661.4	619.7	570.9	522.2	480.4	431.7	389.9
-47.5°	758.9	731.1	703.2	682.3	654.5	598.8	557.0	508.3	459.5	417.8	369.0
-50°	738.0	710.2	689.3	661.4	626.6	577.9	536.1	487.4	445.6	396.9	355.1
-52.5°	717.1	689.3	661.4	633.6	598.8	557.0	515.2	473.5	424.7	376.0	334.2
-55°	696.3	668.4	640.6	612.7	577.9	543.1	501.3	445.6	396.9	348.1	306.4
-57.5°	675.4	654.5	619.7	584.9	550.0	515.2	466.5	417.8	369.0	320.3	285.5
-60°	647.5	619.7	591.8	550.0	515.2	473.5	431.7	389.9	341.2	299.4	264.6
-62.5°	605.7	577.9	550.0	508.3	473.5	438.6	403.8	355.1	320.3	278.5	243.7
-65°	557.0	529.2	501.3	466.5	431.7	396.9	369.0	327.2	292.4	257.6	229.8
-67.5°	501.3	473.5	452.6	417.8	389.9	355.1	327.2	292.4	257.6	229.8	201.9
-70°	431.7	410.8	389.9	362.1	334.2	306.4	278.5	250.7	222.8	201.9	174.1
-72.5°	369.0	348.1	327.2	306.4	285.5	257.6	236.7	215.8	195.0	174.1	160.1
-75°	299.4	285.5	271.5	257.6	236.7	215.8	201.9	181.0	167.1	153.2	146.2
-77.5°	250.7	236.7	222.8	208.9	195.0	181.0	167.1	153.2	146.2	139.3	132.3
-80°	201.9	195.0	188.0	174.1	167.1	153.2	146.2	132.3	132.3	132.3	132.3
-82.5°	160.1	153.2	146.2	139.3	132.3	125.3	125.3	118.4	125.3	125.3	118.4
-85°	111.4	104.4	97.5	97.5	90.5	90.5	83.6	83.6	83.6	76.6	76.6
-87.5°	48.7	48.7	48.7	48.7	41.8	41.8	41.8	41.8	41.8	34.8	34.8
-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: P724210
 CATALOG NUMBER: IFLD-L-SA8B-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°	13.9	13.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	0.0	0.0
85°	27.9	27.9	20.9	20.9	20.9	13.9	13.9	7.0	7.0	7.0	7.0
82.5°	62.7	55.7	48.7	41.8	34.8	27.9	20.9	13.9	13.9	7.0	7.0
80°	76.6	76.6	76.6	69.6	55.7	41.8	27.9	20.9	13.9	7.0	7.0
77.5°	55.7	55.7	62.7	69.6	69.6	55.7	34.8	20.9	13.9	13.9	7.0
75°	41.8	41.8	41.8	48.7	55.7	55.7	41.8	27.9	13.9	13.9	7.0
72.5°	41.8	41.8	41.8	41.8	41.8	41.8	41.8	27.9	20.9	13.9	13.9
70°	34.8	34.8	34.8	34.8	34.8	34.8	34.8	27.9	20.9	13.9	13.9
67.5°	27.9	27.9	34.8	34.8	34.8	27.9	27.9	27.9	20.9	13.9	13.9
65°	20.9	27.9	27.9	34.8	27.9	27.9	27.9	20.9	20.9	13.9	13.9
62.5°	20.9	20.9	27.9	27.9	27.9	27.9	20.9	20.9	20.9	13.9	13.9
60°	20.9	20.9	20.9	27.9	20.9	20.9	20.9	20.9	20.9	13.9	13.9
57.5°	20.9	20.9	20.9	20.9	20.9	20.9	20.9	13.9	13.9	13.9	13.9
55°	20.9	20.9	20.9	20.9	20.9	20.9	13.9	13.9	13.9	13.9	13.9
52.5°	27.9	20.9	20.9	20.9	20.9	20.9	13.9	13.9	13.9	13.9	13.9
50°	34.8	20.9	20.9	20.9	20.9	13.9	13.9	13.9	13.9	13.9	13.9
47.5°	48.7	34.8	27.9	20.9	20.9	13.9	13.9	13.9	13.9	13.9	7.0
45°	69.6	48.7	34.8	27.9	20.9	13.9	13.9	13.9	13.9	13.9	7.0
42.5°	83.6	62.7	41.8	34.8	27.9	20.9	13.9	13.9	13.9	7.0	7.0
40°	104.4	83.6	55.7	41.8	27.9	20.9	13.9	13.9	13.9	7.0	7.0
37.5°	132.3	104.4	69.6	48.7	34.8	20.9	20.9	13.9	13.9	7.0	7.0
35°	153.2	118.4	90.5	55.7	41.8	27.9	20.9	13.9	13.9	7.0	7.0
32.5°	174.1	139.3	111.4	69.6	48.7	34.8	27.9	13.9	13.9	7.0	7.0
30°	195.0	160.1	125.3	90.5	62.7	41.8	27.9	13.9	13.9	7.0	7.0
27.5°	215.8	174.1	139.3	104.4	69.6	48.7	34.8	20.9	13.9	7.0	7.0
25°	236.7	195.0	153.2	118.4	76.6	55.7	34.8	20.9	13.9	13.9	7.0
22.5°	250.7	215.8	174.1	132.3	90.5	62.7	41.8	27.9	13.9	13.9	7.0
20°	271.5	236.7	188.0	146.2	104.4	69.6	41.8	27.9	13.9	13.9	7.0
17.5°	292.4	250.7	201.9	160.1	118.4	76.6	48.7	34.8	13.9	13.9	7.0
15°	313.3	264.6	215.8	167.1	125.3	83.6	48.7	34.8	13.9	13.9	7.0
12.5°	334.2	285.5	229.8	181.0	132.3	90.5	55.7	41.8	20.9	13.9	7.0
10°	348.1	299.4	243.7	188.0	139.3	104.4	62.7	41.8	20.9	13.9	7.0
7.5°	369.0	313.3	257.6	201.9	146.2	111.4	69.6	41.8	20.9	13.9	7.0
5°	376.0	327.2	264.6	215.8	153.2	118.4	76.6	48.7	20.9	13.9	7.0
2.5°	382.9	341.2	271.5	222.8	160.1	118.4	76.6	48.7	27.9	13.9	7.0
0°	389.9	348.1	278.5	229.8	167.1	125.3	83.6	48.7	27.9	13.9	7.0
-2.5°	396.9	355.1	292.4	236.7	174.1	132.3	90.5	48.7	27.9	13.9	7.0
-5°	403.8	355.1	306.4	243.7	181.0	132.3	90.5	55.7	34.8	13.9	7.0
-7.5°	410.8	362.1	313.3	250.7	188.0	132.3	97.5	55.7	34.8	20.9	7.0
-10°	417.8	369.0	320.3	257.6	188.0	139.3	97.5	55.7	34.8	20.9	7.0
-12.5°	424.7	376.0	320.3	257.6	195.0	139.3	97.5	62.7	34.8	20.9	7.0
-15°	431.7	376.0	320.3	257.6	195.0	146.2	104.4	62.7	34.8	20.9	13.9
-17.5°	431.7	376.0	320.3	264.6	195.0	146.2	104.4	62.7	34.8	20.9	13.9
-20°	431.7	376.0	320.3	264.6	195.0	146.2	104.4	62.7	34.8	20.9	13.9



REPORT NUMBER: P724210
 CATALOG NUMBER: IFLD-L-SA8B-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°	424.7	369.0	320.3	257.6	195.0	146.2	104.4	62.7	41.8	20.9	13.9
-25°	424.7	369.0	320.3	257.6	195.0	146.2	97.5	62.7	41.8	20.9	13.9
-27.5°	417.8	369.0	313.3	250.7	188.0	139.3	97.5	62.7	41.8	20.9	13.9
-30°	410.8	362.1	306.4	243.7	188.0	139.3	97.5	62.7	41.8	20.9	13.9
-32.5°	403.8	348.1	299.4	236.7	181.0	132.3	97.5	62.7	41.8	20.9	13.9
-35°	389.9	341.2	285.5	229.8	174.1	132.3	90.5	62.7	41.8	27.9	13.9
-37.5°	376.0	327.2	278.5	222.8	167.1	125.3	90.5	62.7	41.8	27.9	13.9
-40°	362.1	320.3	264.6	208.9	160.1	118.4	90.5	62.7	41.8	27.9	20.9
-42.5°	348.1	306.4	257.6	201.9	160.1	118.4	83.6	62.7	41.8	27.9	20.9
-45°	341.2	299.4	243.7	195.0	153.2	118.4	83.6	55.7	41.8	27.9	20.9
-47.5°	327.2	278.5	229.8	188.0	146.2	111.4	76.6	55.7	41.8	27.9	20.9
-50°	306.4	264.6	222.8	181.0	139.3	104.4	76.6	55.7	41.8	27.9	20.9
-52.5°	285.5	243.7	208.9	167.1	132.3	104.4	76.6	55.7	41.8	27.9	20.9
-55°	264.6	229.8	195.0	160.1	125.3	97.5	69.6	55.7	41.8	27.9	20.9
-57.5°	250.7	215.8	181.0	146.2	118.4	90.5	69.6	48.7	34.8	27.9	20.9
-60°	236.7	201.9	167.1	139.3	111.4	90.5	69.6	48.7	34.8	27.9	13.9
-62.5°	215.8	188.0	153.2	132.3	104.4	83.6	62.7	48.7	34.8	27.9	13.9
-65°	195.0	167.1	139.3	118.4	97.5	76.6	62.7	48.7	34.8	27.9	13.9
-67.5°	174.1	153.2	132.3	111.4	90.5	76.6	62.7	48.7	34.8	20.9	13.9
-70°	160.1	139.3	118.4	104.4	90.5	69.6	62.7	48.7	34.8	20.9	13.9
-72.5°	139.3	125.3	111.4	97.5	83.6	76.6	62.7	48.7	27.9	20.9	13.9
-75°	132.3	118.4	104.4	97.5	90.5	76.6	62.7	41.8	27.9	20.9	13.9
-77.5°	132.3	118.4	111.4	104.4	90.5	76.6	55.7	34.8	20.9	20.9	13.9
-80°	132.3	125.3	118.4	97.5	83.6	62.7	41.8	34.8	20.9	13.9	7.0
-82.5°	118.4	97.5	83.6	69.6	62.7	48.7	34.8	27.9	13.9	13.9	7.0
-85°	76.6	62.7	55.7	48.7	41.8	34.8	20.9	13.9	13.9	7.0	7.0
-87.5°	34.8	34.8	27.9	20.9	20.9	13.9	13.9	7.0	7.0	7.0	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: P724210
 CATALOG NUMBER: IFLD-L-SA8B-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°	7.0	0.0	0.0	0.0
77.5°	7.0	0.0	0.0	0.0
75°	7.0	7.0	0.0	0.0
72.5°	7.0	7.0	0.0	0.0
70°	7.0	7.0	0.0	0.0
67.5°	7.0	7.0	0.0	0.0
65°	7.0	7.0	0.0	0.0
62.5°	7.0	7.0	0.0	0.0
60°	7.0	7.0	0.0	0.0
57.5°	7.0	7.0	7.0	0.0
55°	7.0	7.0	7.0	0.0
52.5°	7.0	7.0	7.0	0.0
50°	7.0	7.0	7.0	0.0
47.5°	7.0	7.0	7.0	0.0
45°	7.0	7.0	7.0	0.0
42.5°	7.0	7.0	7.0	0.0
40°	7.0	7.0	7.0	0.0
37.5°	7.0	7.0	7.0	0.0
35°	7.0	7.0	7.0	0.0
32.5°	7.0	7.0	7.0	0.0
30°	7.0	7.0	7.0	0.0
27.5°	7.0	7.0	7.0	0.0
25°	7.0	7.0	7.0	0.0
22.5°	7.0	7.0	7.0	0.0
20°	7.0	7.0	7.0	0.0
17.5°	7.0	7.0	7.0	0.0
15°	7.0	7.0	7.0	0.0
12.5°	7.0	7.0	7.0	0.0
10°	7.0	7.0	7.0	0.0
7.5°	7.0	7.0	7.0	0.0
5°	7.0	7.0	7.0	0.0
2.5°	7.0	7.0	7.0	0.0
0°	7.0	7.0	7.0	0.0
-2.5°	7.0	7.0	7.0	0.0
-5°	7.0	7.0	7.0	0.0
-7.5°	7.0	7.0	7.0	0.0
-10°	7.0	7.0	7.0	0.0
-12.5°	7.0	7.0	7.0	0.0
-15°	7.0	7.0	7.0	0.0
-17.5°	7.0	7.0	7.0	0.0
-20°	7.0	7.0	7.0	0.0



REPORT NUMBER: P724210
CATALOG NUMBER: IFLD-L-SA8B-760-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	7.0	7.0	7.0	0.0
-25°	7.0	7.0	7.0	0.0
-27.5°	7.0	7.0	7.0	0.0
-30°	7.0	7.0	7.0	0.0
-32.5°	7.0	7.0	7.0	0.0
-35°	7.0	7.0	7.0	0.0
-37.5°	7.0	7.0	7.0	0.0
-40°	7.0	7.0	7.0	0.0
-42.5°	7.0	7.0	7.0	0.0
-45°	7.0	7.0	7.0	0.0
-47.5°	7.0	7.0	7.0	0.0
-50°	7.0	7.0	7.0	0.0
-52.5°	7.0	7.0	7.0	0.0
-55°	7.0	7.0	7.0	0.0
-57.5°	7.0	7.0	7.0	0.0
-60°	7.0	7.0	0.0	0.0
-62.5°	7.0	7.0	0.0	0.0
-65°	7.0	7.0	0.0	0.0
-67.5°	7.0	7.0	0.0	0.0
-70°	7.0	7.0	0.0	0.0
-72.5°	7.0	7.0	0.0	0.0
-75°	7.0	7.0	0.0	0.0
-77.5°	7.0	0.0	0.0	0.0
-80°	7.0	0.0	0.0	0.0
-82.5°	7.0	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)