

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: P724095

Luminaire Tested: **IFLD-L-SA8C-730-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724095
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-730-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (128) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

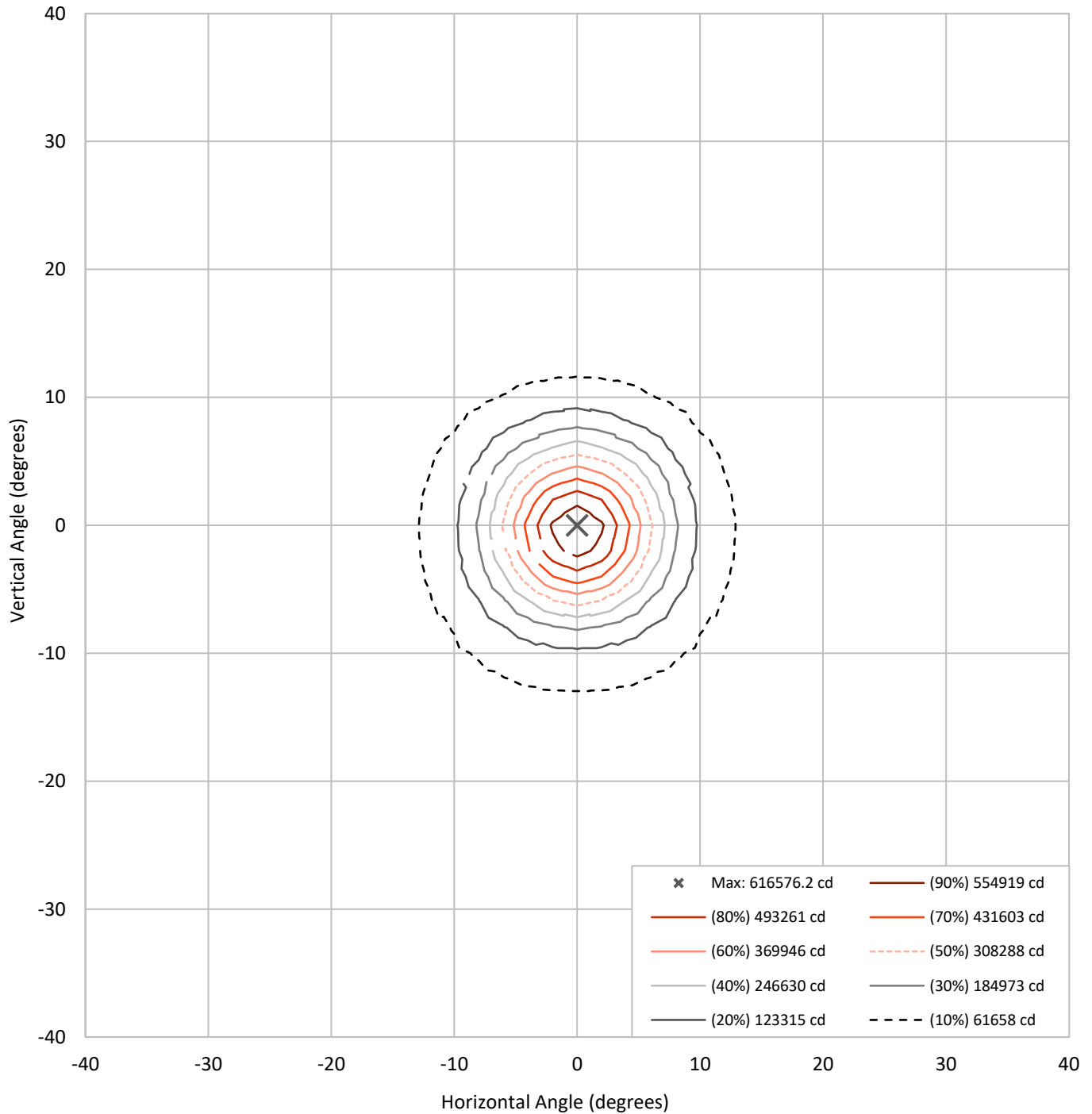
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	43068.1 lumens	Max Intensity:	616576.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	13473.7 lumens	Field Lumens:	30657.5 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 420.3
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





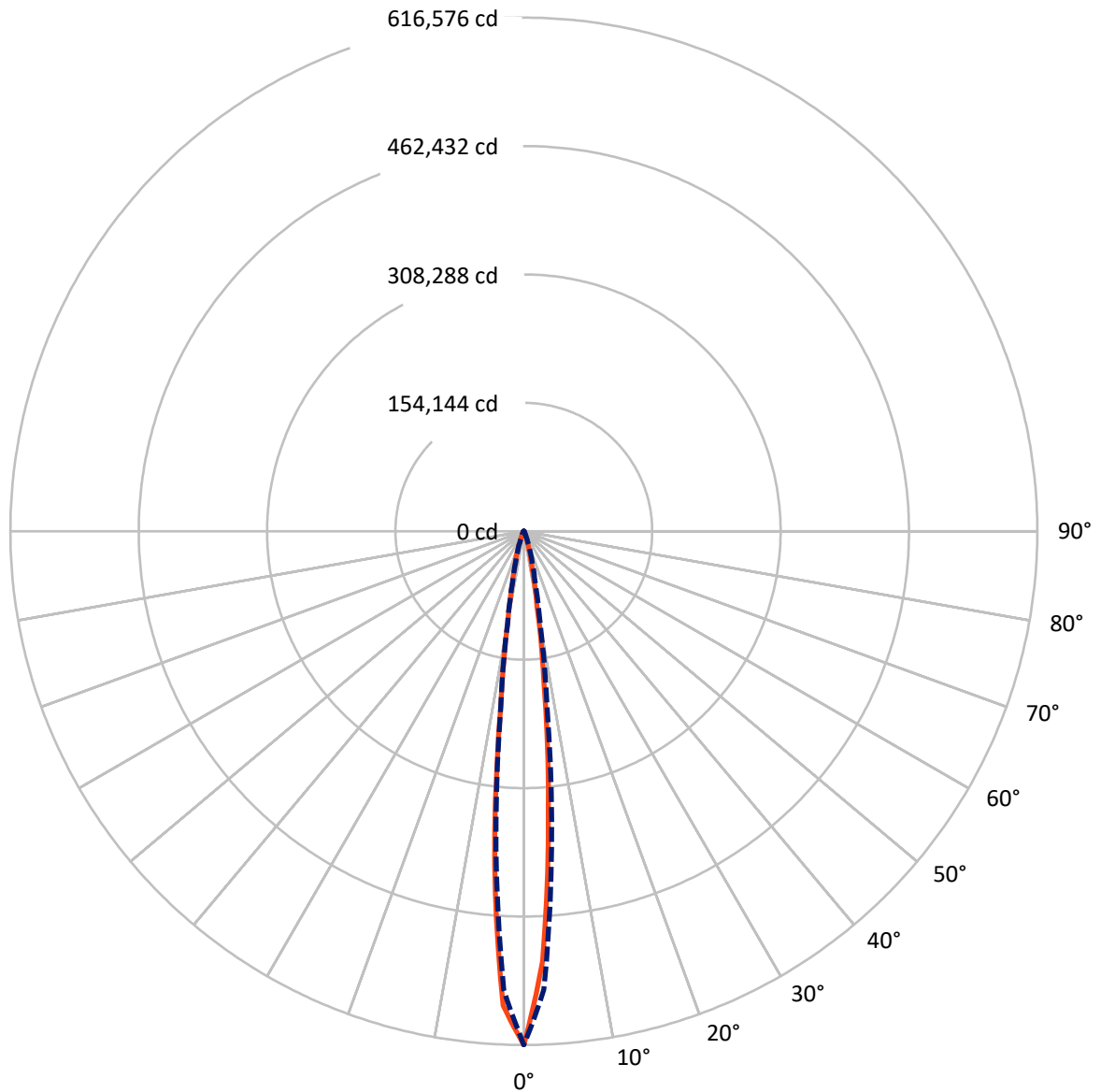
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Lumen Table

90	0.3	2.6		2.2		1.0		0.1		1.0		2.2		2.6		0.3			
80	0.3	2.6		2.2		1.0		0.1		1.0		2.2		2.6		0.3			
70	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.1	0.1	0.3	0.3	0.3	0.4	0.5	0.4	0.4			
60		0.3	0.5	1.2	2.2	3.3	4.2	4.8	4.8	4.2	3.3	2.2	1.2	0.5	0.3				
50	0.3	0.3	1.4	3.5	6.1	8.7	11.4	13.5	13.5	11.4	8.7	6.1	3.5	1.4	0.3	0.3			
40		0.7	3.0	6.5	11.0	17.3	26.2	31.3	31.3	26.2	17.3	11.0	6.5	3.0	0.7				
30	0.4	1.3	4.6	9.5	17.3	29.8	57.4	92.7	92.7	57.4	29.8	17.3	9.5	4.6	1.3	0.4			
20		1.9	6.2	12.9	26.2	65.0	339.3	858.4	858.4	339.3	65.0	26.2	12.9	6.2	1.9				
10	0.7	2.4	7.4	15.2	32.0	131.9	1092.8	6734.3	6734.3	1092.8	131.9	32.0	15.2	7.4	2.4	0.7			
0		2.8	8.0	16.1	33.4	150.4	1202.5	7416.3	7416.3	1202.5	150.4	33.4	16.1	8.0	2.8				
-10	0.9	3.0	8.4	16.0	31.3	90.1	539.7	1300.7	1300.7	539.7	90.1	31.3	16.0	8.4	3.0	0.9			
-20		2.9	8.3	15.2	26.5	45.9	111.5	209.5	209.5	111.5	45.9	26.5	15.2	8.3	2.9				
-30	0.9	2.7	7.6	14.1	22.0	32.5	46.0	54.1	54.1	46.0	32.5	22.0	14.1	7.6	2.7	0.9			
-40		2.3	6.6	12.6	19.2	25.3	32.0	35.6	35.6	32.0	25.3	19.2	12.6	6.6	2.3				
-50	0.8	1.9	5.3	10.6	16.8	22.1	27.2	29.6	29.6	27.2	22.1	16.8	10.6	5.3	1.9	0.8			
-60		1.5	3.8	7.8	12.8	17.7	22.2	24.7	24.7	22.2	17.7	12.8	7.8	3.8	1.5				
-70	0.4	1.5	3.8	7.8	12.8	17.7	22.2	24.7	24.7	22.2	17.7	12.8	7.8	3.8	1.5	0.4			
-80		0.4	5.8		16.1		29.8		35.9		29.8		16.1		5.8				
-90	0.4	5.8		16.1		29.8		35.9		29.8		16.1		5.8		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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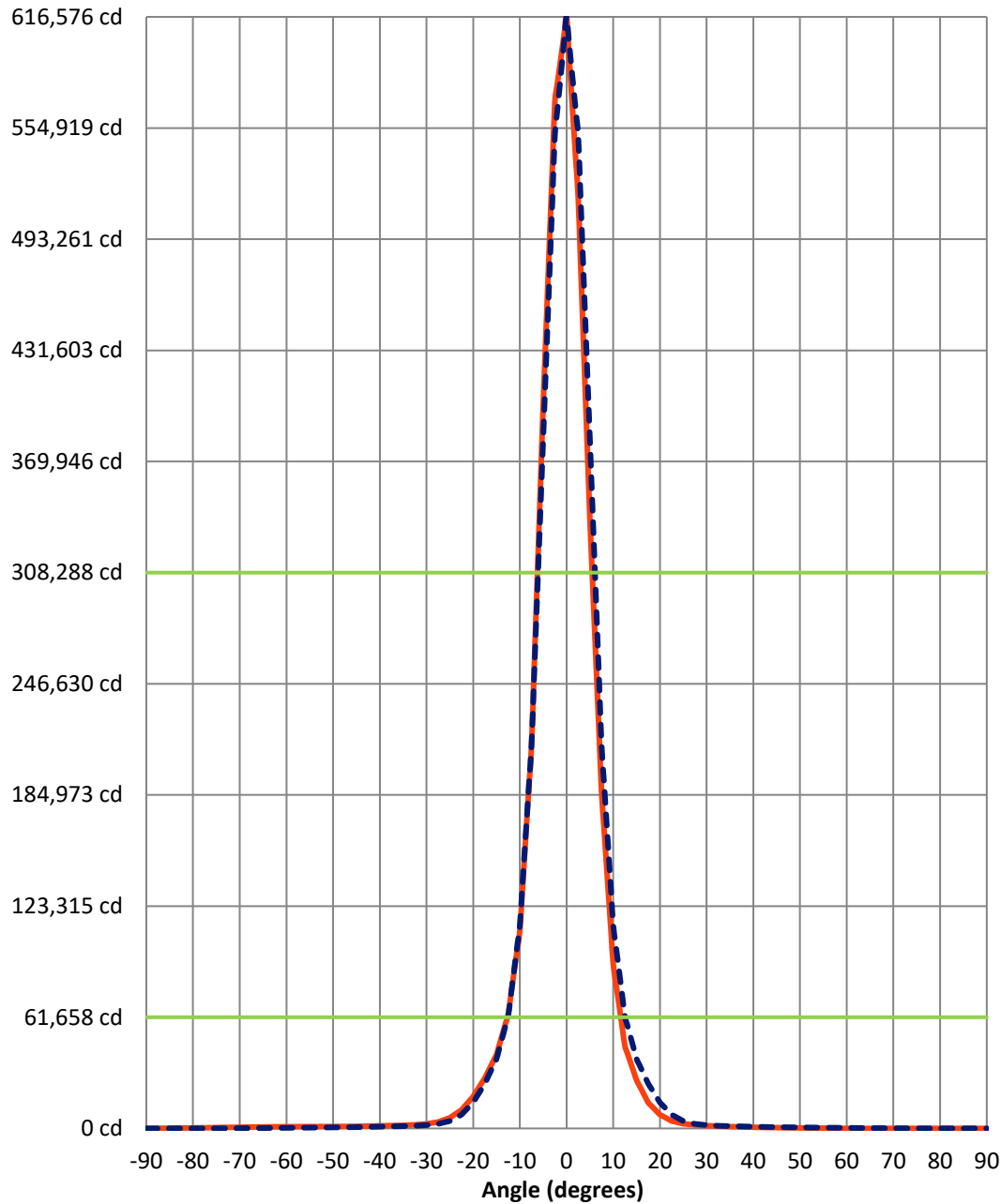
Luminous Intensity Polar Plot



— 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: 13473.7
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 30657.5
 Efficiency: 71.2%

Spill:
 Lumens: 12410.6
 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	7.7	7.7
85°	0.0	0.0	0.0	0.0	7.7	7.7	7.7	7.7	7.7	15.4	15.4
82.5°	0.0	0.0	0.0	0.0	7.7	7.7	7.7	7.7	15.4	15.4	15.4
80°	0.0	0.0	0.0	0.0	7.7	7.7	7.7	7.7	15.4	15.4	15.4
77.5°	0.0	0.0	0.0	0.0	7.7	7.7	7.7	7.7	7.7	7.7	15.4
75°	0.0	0.0	0.0	0.0	7.7	7.7	7.7	7.7	7.7	7.7	7.7
72.5°	0.0	0.0	0.0	0.0	7.7	7.7	7.7	7.7	7.7	7.7	7.7
70°	0.0	0.0	0.0	0.0	7.7	7.7	7.7	7.7	7.7	7.7	7.7
67.5°	0.0	0.0	0.0	0.0	7.7	7.7	7.7	7.7	7.7	7.7	7.7
65°	0.0	0.0	0.0	0.0	7.7	7.7	7.7	7.7	7.7	7.7	7.7
62.5°	0.0	0.0	0.0	0.0	7.7	7.7	7.7	7.7	7.7	7.7	7.7
60°	15.4	15.4	15.4	15.4	23.1	23.1	30.9	30.9	30.9	15.4	30.9
57.5°	123.5	123.5	115.7	108.0	100.3	92.6	92.6	92.6	92.6	92.6	77.2
55°	169.7	169.7	169.7	162.0	162.0	154.3	146.6	138.9	138.9	131.2	123.5
52.5°	200.6	200.6	200.6	200.6	192.9	192.9	192.9	185.2	169.7	169.7	162.0
50°	285.5	277.8	277.8	277.8	277.8	262.3	254.6	239.2	231.5	223.8	216.0
47.5°	370.4	370.4	362.6	362.6	354.9	339.5	324.1	308.6	293.2	285.5	270.1
45°	439.8	439.8	432.1	432.1	424.4	408.9	385.8	362.6	347.2	331.8	316.3
42.5°	540.1	532.4	524.7	517.0	501.5	478.4	447.5	416.7	393.5	370.4	354.9
40°	648.1	648.1	640.4	632.7	609.5	586.4	547.8	509.2	470.7	424.4	401.2
37.5°	779.3	787.0	794.7	794.7	779.3	748.4	694.4	648.1	586.4	524.7	493.8
35°	1018.5	1018.5	1033.9	1033.9	1010.8	972.2	933.6	833.3	756.1	679.0	609.5
32.5°	1280.8	1288.5	1257.7	1234.5	1203.7	1157.4	1087.9	1003.1	918.2	817.9	740.7
30°	1535.4	1535.4	1496.9	1450.6	1388.8	1311.7	1226.8	1134.2	1033.9	933.6	841.0
27.5°	1936.7	1898.1	1867.2	1790.1	1682.0	1535.4	1427.4	1280.8	1149.7	1033.9	933.6
25°	2600.2	2592.5	2523.1	2391.9	2175.9	1944.4	1766.9	1520.0	1319.4	1141.9	1026.2
22.5°	4135.7	4081.7	3919.6	3595.6	3086.3	2685.1	2322.5	1936.7	1574.0	1334.8	1149.7
20°	7646.3	7468.9	7036.8	6141.8	4999.8	4212.8	3310.1	2661.9	2052.4	1604.9	1327.1
17.5°	14266.5	14150.8	13988.7	11920.9	9598.4	7931.8	5902.6	4081.7	2916.6	2098.7	1574.0
15°	26742.9	25886.5	24096.4	21619.6	18371.3	14197.0	10439.5	6589.3	4166.5	2793.1	1998.4
12.5°	45716.0	44767.0	40145.2	33949.5	28108.6	22167.5	15562.7	10015.1	5933.4	3549.3	2368.7
10°	91092.6	84202.4	71263.0	53184.9	41510.9	30955.7	21851.1	13664.7	7723.5	4482.9	2808.5
7.5°	186575.4	164060.8	126423.2	89248.5	57768.1	40600.5	27908.0	17869.8	10292.9	5609.4	3209.8
5°	338159.7	298215.1	224668.3	135280.9	83886.0	50885.6	33116.2	21249.3	12183.2	6527.6	3611.0
2.5°	516348.1	464675.5	324811.4	186019.9	103437.8	58848.3	36758.0	23471.4	13386.9	7152.5	3919.6
0°	616576.2	550760.5	382517.8	212971.1	112750.8	62227.8	38540.4	24806.3	14405.4	7661.8	4120.2
-2.5°	569563.9	516579.6	351538.9	197832.8	107743.2	60746.4	38795.0	25138.0	14575.1	7800.7	4212.8
-5°	401429.2	357943.0	243240.2	145990.4	91416.6	55954.9	36603.7	23888.1	14104.5	7600.0	4174.2
-7.5°	212377.0	192701.8	144254.3	104903.8	66726.1	47359.5	32954.1	21673.6	12885.4	7059.9	3942.8
-10°	109726.2	105690.8	91077.1	68655.1	53995.1	39674.6	28124.0	18533.3	10771.2	6080.0	3549.3
-12.5°	63261.7	62575.0	57876.1	49681.9	41402.9	32591.5	23077.9	15115.2	8988.9	5038.4	2993.7
-15°	40963.1	41256.3	39620.6	36210.2	31495.8	24389.6	17730.9	11241.9	6651.0	4081.7	2638.8
-17.5°	27954.3	27877.1	27113.3	24775.4	20979.2	16473.2	11751.1	7939.5	5038.4	3178.9	2191.3
-20°	17684.6	17715.4	17005.6	15393.0	12599.9	10154.0	7314.6	5354.8	3572.4	2499.9	1936.7



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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°	10262.0	10285.1	9837.6	8927.2	7461.2	6018.3	4752.9	3541.5	2631.1	2083.3	1697.5
-25°	5894.9	5802.3	5624.8	5185.0	4498.3	3711.3	3155.8	2492.2	2106.4	1766.9	1550.9
-27.5°	3572.4	3510.7	3418.1	3225.2	2955.1	2561.6	2307.0	2013.8	1790.1	1589.5	1458.3
-30°	2492.2	2515.3	2438.2	2337.9	2214.4	2037.0	1898.1	1759.2	1612.6	1489.1	1365.7
-32.5°	1983.0	1998.4	1959.8	1921.2	1859.5	1790.1	1705.2	1604.9	1489.1	1373.4	1257.7
-35°	1705.2	1712.9	1712.9	1705.2	1689.8	1635.7	1574.0	1481.4	1373.4	1265.4	1165.1
-37.5°	1566.3	1574.0	1574.0	1566.3	1543.2	1496.9	1435.1	1358.0	1257.7	1157.4	1080.2
-40°	1419.7	1427.4	1419.7	1404.3	1381.1	1334.8	1288.5	1226.8	1149.7	1064.8	995.3
-42.5°	1280.8	1273.1	1265.4	1250.0	1226.8	1195.9	1157.4	1111.1	1057.1	995.3	941.3
-45°	1149.7	1149.7	1141.9	1134.2	1118.8	1095.6	1072.5	1033.9	995.3	949.0	902.7
-47.5°	1080.2	1080.2	1072.5	1064.8	1057.1	1041.6	1018.5	987.6	956.8	918.2	879.6
-50°	1033.9	1033.9	1033.9	1026.2	1018.5	1003.1	979.9	956.8	925.9	887.3	848.7
-52.5°	1003.1	1003.1	1003.1	995.3	987.6	979.9	956.8	925.9	887.3	856.5	825.6
-55°	987.6	979.9	979.9	972.2	964.5	956.8	925.9	895.0	864.2	833.3	802.4
-57.5°	964.5	956.8	956.8	949.0	941.3	933.6	902.7	871.9	841.0	802.4	779.3
-60°	941.3	933.6	933.6	918.2	910.5	902.7	871.9	841.0	810.2	779.3	748.4
-62.5°	910.5	902.7	895.0	887.3	871.9	856.5	833.3	802.4	763.9	733.0	702.1
-65°	841.0	833.3	825.6	817.9	810.2	802.4	779.3	740.7	709.9	679.0	648.1
-67.5°	756.1	756.1	756.1	740.7	733.0	717.6	702.1	671.3	640.4	609.5	586.4
-70°	655.8	655.8	655.8	640.4	632.7	625.0	601.8	578.7	555.5	532.4	501.5
-72.5°	555.5	547.8	547.8	540.1	524.7	517.0	501.5	486.1	462.9	447.5	424.4
-75°	455.2	447.5	447.5	439.8	432.1	424.4	408.9	401.2	385.8	370.4	347.2
-77.5°	362.6	362.6	362.6	354.9	347.2	339.5	331.8	324.1	316.3	300.9	285.5
-80°	277.8	277.8	277.8	277.8	277.8	277.8	277.8	270.1	254.6	246.9	239.2
-82.5°	200.6	208.3	208.3	208.3	208.3	208.3	208.3	208.3	200.6	192.9	185.2
-85°	131.2	138.9	138.9	146.6	154.3	154.3	162.0	154.3	146.6	131.2	123.5
-87.5°	69.4	69.4	69.4	69.4	69.4	69.4	69.4	61.7	61.7	61.7	54.0
-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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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°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	15.4	15.4	15.4
85°	15.4	15.4	15.4	15.4	23.1	23.1	23.1	30.9	30.9	30.9	30.9
82.5°	15.4	23.1	23.1	23.1	30.9	30.9	38.6	46.3	61.7	69.4	69.4
80°	15.4	23.1	23.1	23.1	30.9	30.9	38.6	38.6	46.3	54.0	69.4
77.5°	15.4	15.4	23.1	23.1	23.1	30.9	30.9	38.6	38.6	46.3	54.0
75°	7.7	15.4	15.4	15.4	23.1	23.1	30.9	30.9	38.6	38.6	46.3
72.5°	7.7	15.4	15.4	15.4	23.1	23.1	30.9	30.9	30.9	38.6	38.6
70°	7.7	15.4	15.4	15.4	15.4	23.1	23.1	23.1	30.9	30.9	30.9
67.5°	7.7	7.7	7.7	15.4	15.4	15.4	15.4	23.1	23.1	23.1	30.9
65°	7.7	7.7	7.7	7.7	15.4	15.4	15.4	15.4	23.1	23.1	23.1
62.5°	7.7	7.7	7.7	15.4	15.4	15.4	15.4	15.4	23.1	23.1	23.1
60°	30.9	30.9	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
57.5°	69.4	69.4	61.7	54.0	46.3	46.3	38.6	30.9	30.9	23.1	23.1
55°	115.7	108.0	100.3	84.9	77.2	69.4	61.7	46.3	38.6	30.9	23.1
52.5°	146.6	138.9	131.2	123.5	108.0	92.6	84.9	77.2	61.7	46.3	38.6
50°	216.0	192.9	177.5	162.0	146.6	131.2	115.7	108.0	84.9	69.4	54.0
47.5°	262.3	246.9	223.8	208.3	192.9	169.7	146.6	131.2	115.7	92.6	69.4
45°	300.9	285.5	262.3	246.9	231.5	208.3	185.2	162.0	146.6	123.5	92.6
42.5°	339.5	324.1	300.9	285.5	262.3	239.2	216.0	192.9	169.7	154.3	123.5
40°	393.5	370.4	339.5	324.1	308.6	277.8	246.9	223.8	200.6	177.5	146.6
37.5°	462.9	439.8	401.2	370.4	347.2	324.1	293.2	262.3	239.2	208.3	177.5
35°	571.0	532.4	478.4	432.1	401.2	370.4	331.8	300.9	270.1	239.2	208.3
32.5°	679.0	617.3	547.8	493.8	447.5	408.9	370.4	339.5	300.9	262.3	231.5
30°	763.9	694.4	625.0	547.8	493.8	447.5	408.9	370.4	331.8	293.2	254.6
27.5°	848.7	771.6	694.4	617.3	540.1	478.4	439.8	401.2	362.6	324.1	277.8
25°	933.6	848.7	771.6	686.7	594.1	524.7	470.7	439.8	401.2	354.9	300.9
22.5°	1010.8	933.6	856.5	763.9	655.8	563.3	509.2	470.7	432.1	378.1	331.8
20°	1157.4	1057.1	964.5	848.7	725.3	632.7	563.3	509.2	462.9	408.9	354.9
17.5°	1350.3	1203.7	1080.2	949.0	825.6	709.9	609.5	547.8	501.5	439.8	378.1
15°	1597.2	1342.5	1188.2	1057.1	910.5	779.3	671.3	586.4	524.7	462.9	408.9
12.5°	1782.3	1450.6	1280.8	1157.4	1003.1	856.5	717.6	617.3	547.8	486.1	424.4
10°	1990.7	1566.3	1358.0	1219.1	1057.1	895.0	748.4	640.4	563.3	509.2	447.5
7.5°	2160.4	1658.9	1396.6	1242.2	1087.9	925.9	779.3	663.6	586.4	524.7	462.9
5°	2314.7	1736.1	1427.4	1250.0	1103.4	949.0	794.7	679.0	601.8	540.1	478.4
2.5°	2422.8	1805.5	1458.3	1265.4	1118.8	964.5	817.9	694.4	617.3	555.5	493.8
0°	2515.3	1828.6	1450.6	1265.4	1126.5	964.5	825.6	702.1	625.0	563.3	501.5
-2.5°	2546.2	1867.2	1489.1	1280.8	1141.9	979.9	841.0	709.9	632.7	571.0	517.0
-5°	2546.2	1836.4	1489.1	1296.3	1149.7	987.6	841.0	717.6	640.4	578.7	517.0
-7.5°	2453.6	1790.1	1481.4	1311.7	1157.4	995.3	841.0	725.3	648.1	586.4	524.7
-10°	2291.6	1720.6	1473.7	1319.4	1157.4	987.6	841.0	725.3	648.1	586.4	532.4
-12.5°	2029.3	1628.0	1435.1	1304.0	1141.9	972.2	833.3	725.3	648.1	594.1	532.4
-15°	1898.1	1550.9	1388.8	1257.7	1103.4	949.0	817.9	717.6	648.1	594.1	540.1
-17.5°	1720.6	1489.1	1342.5	1211.4	1072.5	925.9	802.4	717.6	648.1	586.4	540.1
-20°	1597.2	1419.7	1288.5	1172.8	1033.9	902.7	794.7	709.9	648.1	586.4	540.1



REPORT NUMBER: P724095
 CATALOG NUMBER: IFLD-L-SA8C-730-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°	1489.1	1342.5	1226.8	1111.1	987.6	871.9	779.3	702.1	640.4	586.4	540.1
-25°	1404.3	1273.1	1165.1	1057.1	949.0	848.7	763.9	694.4	632.7	586.4	532.4
-27.5°	1327.1	1203.7	1103.4	1003.1	902.7	825.6	748.4	686.7	632.7	578.7	524.7
-30°	1242.2	1141.9	1041.6	949.0	879.6	802.4	733.0	671.3	625.0	571.0	517.0
-32.5°	1157.4	1064.8	979.9	910.5	848.7	787.0	725.3	663.6	609.5	555.5	501.5
-35°	1080.2	995.3	933.6	871.9	825.6	771.6	709.9	648.1	601.8	547.8	501.5
-37.5°	1003.1	941.3	887.3	841.0	794.7	748.4	686.7	632.7	586.4	532.4	478.4
-40°	941.3	895.0	856.5	817.9	771.6	717.6	671.3	617.3	571.0	517.0	455.2
-42.5°	902.7	864.2	825.6	787.0	748.4	702.1	655.8	601.8	555.5	501.5	439.8
-45°	864.2	833.3	802.4	771.6	733.0	686.7	632.7	578.7	532.4	478.4	432.1
-47.5°	841.0	810.2	779.3	756.1	725.3	663.6	617.3	563.3	509.2	462.9	408.9
-50°	817.9	787.0	763.9	733.0	694.4	640.4	594.1	540.1	493.8	439.8	393.5
-52.5°	794.7	763.9	733.0	702.1	663.6	617.3	571.0	524.7	470.7	416.7	370.4
-55°	771.6	740.7	709.9	679.0	640.4	601.8	555.5	493.8	439.8	385.8	339.5
-57.5°	748.4	725.3	686.7	648.1	609.5	571.0	517.0	462.9	408.9	354.9	316.3
-60°	717.6	686.7	655.8	609.5	571.0	524.7	478.4	432.1	378.1	331.8	293.2
-62.5°	671.3	640.4	609.5	563.3	524.7	486.1	447.5	393.5	354.9	308.6	270.1
-65°	617.3	586.4	555.5	517.0	478.4	439.8	408.9	362.6	324.1	285.5	254.6
-67.5°	555.5	524.7	501.5	462.9	432.1	393.5	362.6	324.1	285.5	254.6	223.8
-70°	478.4	455.2	432.1	401.2	370.4	339.5	308.6	277.8	246.9	223.8	192.9
-72.5°	408.9	385.8	362.6	339.5	316.3	285.5	262.3	239.2	216.0	192.9	177.5
-75°	331.8	316.3	300.9	285.5	262.3	239.2	223.8	200.6	185.2	169.7	162.0
-77.5°	277.8	262.3	246.9	231.5	216.0	200.6	185.2	169.7	162.0	154.3	146.6
-80°	223.8	216.0	208.3	192.9	185.2	169.7	162.0	146.6	146.6	146.6	146.6
-82.5°	177.5	169.7	162.0	154.3	146.6	138.9	138.9	131.2	138.9	138.9	131.2
-85°	123.5	115.7	108.0	108.0	100.3	100.3	92.6	92.6	92.6	84.9	84.9
-87.5°	54.0	54.0	54.0	54.0	46.3	46.3	46.3	46.3	46.3	38.6	38.6
-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: P724095
 CATALOG NUMBER: IFLD-L-SA8C-730-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°	15.4	15.4	7.7	7.7	7.7	7.7	7.7	7.7	7.7	0.0	0.0
85°	30.9	30.9	23.1	23.1	23.1	15.4	15.4	7.7	7.7	7.7	7.7
82.5°	69.4	61.7	54.0	46.3	38.6	30.9	23.1	15.4	15.4	7.7	7.7
80°	84.9	84.9	84.9	77.2	61.7	46.3	30.9	23.1	15.4	7.7	7.7
77.5°	61.7	61.7	69.4	77.2	77.2	61.7	38.6	23.1	15.4	15.4	7.7
75°	46.3	46.3	46.3	54.0	61.7	61.7	46.3	30.9	15.4	15.4	7.7
72.5°	46.3	46.3	46.3	46.3	46.3	46.3	46.3	30.9	23.1	15.4	15.4
70°	38.6	38.6	38.6	38.6	38.6	38.6	38.6	30.9	23.1	15.4	15.4
67.5°	30.9	30.9	38.6	38.6	38.6	30.9	30.9	30.9	23.1	15.4	15.4
65°	23.1	30.9	30.9	38.6	30.9	30.9	30.9	23.1	23.1	15.4	15.4
62.5°	23.1	23.1	30.9	30.9	30.9	30.9	23.1	23.1	23.1	15.4	15.4
60°	23.1	23.1	23.1	30.9	23.1	23.1	23.1	23.1	23.1	15.4	15.4
57.5°	23.1	23.1	23.1	23.1	23.1	23.1	23.1	15.4	15.4	15.4	15.4
55°	23.1	23.1	23.1	23.1	23.1	23.1	15.4	15.4	15.4	15.4	15.4
52.5°	30.9	23.1	23.1	23.1	23.1	23.1	15.4	15.4	15.4	15.4	15.4
50°	38.6	23.1	23.1	23.1	23.1	15.4	15.4	15.4	15.4	15.4	15.4
47.5°	54.0	38.6	30.9	23.1	23.1	15.4	15.4	15.4	15.4	15.4	7.7
45°	77.2	54.0	38.6	30.9	23.1	15.4	15.4	15.4	15.4	15.4	7.7
42.5°	92.6	69.4	46.3	38.6	30.9	23.1	15.4	15.4	15.4	7.7	7.7
40°	115.7	92.6	61.7	46.3	30.9	23.1	15.4	15.4	15.4	7.7	7.7
37.5°	146.6	115.7	77.2	54.0	38.6	23.1	23.1	15.4	15.4	7.7	7.7
35°	169.7	131.2	100.3	61.7	46.3	30.9	23.1	15.4	15.4	7.7	7.7
32.5°	192.9	154.3	123.5	77.2	54.0	38.6	30.9	15.4	15.4	7.7	7.7
30°	216.0	177.5	138.9	100.3	69.4	46.3	30.9	15.4	15.4	7.7	7.7
27.5°	239.2	192.9	154.3	115.7	77.2	54.0	38.6	23.1	15.4	7.7	7.7
25°	262.3	216.0	169.7	131.2	84.9	61.7	38.6	23.1	15.4	15.4	7.7
22.5°	277.8	239.2	192.9	146.6	100.3	69.4	46.3	30.9	15.4	15.4	7.7
20°	300.9	262.3	208.3	162.0	115.7	77.2	46.3	30.9	15.4	15.4	7.7
17.5°	324.1	277.8	223.8	177.5	131.2	84.9	54.0	38.6	15.4	15.4	7.7
15°	347.2	293.2	239.2	185.2	138.9	92.6	54.0	38.6	15.4	15.4	7.7
12.5°	370.4	316.3	254.6	200.6	146.6	100.3	61.7	46.3	23.1	15.4	7.7
10°	385.8	331.8	270.1	208.3	154.3	115.7	69.4	46.3	23.1	15.4	7.7
7.5°	408.9	347.2	285.5	223.8	162.0	123.5	77.2	46.3	23.1	15.4	7.7
5°	416.7	362.6	293.2	239.2	169.7	131.2	84.9	54.0	23.1	15.4	7.7
2.5°	424.4	378.1	300.9	246.9	177.5	131.2	84.9	54.0	30.9	15.4	7.7
0°	432.1	385.8	308.6	254.6	185.2	138.9	92.6	54.0	30.9	15.4	7.7
-2.5°	439.8	393.5	324.1	262.3	192.9	146.6	100.3	54.0	30.9	15.4	7.7
-5°	447.5	393.5	339.5	270.1	200.6	146.6	100.3	61.7	38.6	15.4	7.7
-7.5°	455.2	401.2	347.2	277.8	208.3	146.6	108.0	61.7	38.6	23.1	7.7
-10°	462.9	408.9	354.9	285.5	208.3	154.3	108.0	61.7	38.6	23.1	7.7
-12.5°	470.7	416.7	354.9	285.5	216.0	154.3	108.0	69.4	38.6	23.1	7.7
-15°	478.4	416.7	354.9	285.5	216.0	162.0	115.7	69.4	38.6	23.1	15.4
-17.5°	478.4	416.7	354.9	293.2	216.0	162.0	115.7	69.4	38.6	23.1	15.4
-20°	478.4	416.7	354.9	293.2	216.0	162.0	115.7	69.4	38.6	23.1	15.4



REPORT NUMBER: P724095
 CATALOG NUMBER: IFLD-L-SA8C-730-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	470.7	408.9	354.9	285.5	216.0	162.0	115.7	69.4	46.3	23.1	15.4
-25°	470.7	408.9	354.9	285.5	216.0	162.0	108.0	69.4	46.3	23.1	15.4
-27.5°	462.9	408.9	347.2	277.8	208.3	154.3	108.0	69.4	46.3	23.1	15.4
-30°	455.2	401.2	339.5	270.1	208.3	154.3	108.0	69.4	46.3	23.1	15.4
-32.5°	447.5	385.8	331.8	262.3	200.6	146.6	108.0	69.4	46.3	23.1	15.4
-35°	432.1	378.1	316.3	254.6	192.9	146.6	100.3	69.4	46.3	30.9	15.4
-37.5°	416.7	362.6	308.6	246.9	185.2	138.9	100.3	69.4	46.3	30.9	15.4
-40°	401.2	354.9	293.2	231.5	177.5	131.2	100.3	69.4	46.3	30.9	23.1
-42.5°	385.8	339.5	285.5	223.8	177.5	131.2	92.6	69.4	46.3	30.9	23.1
-45°	378.1	331.8	270.1	216.0	169.7	131.2	92.6	61.7	46.3	30.9	23.1
-47.5°	362.6	308.6	254.6	208.3	162.0	123.5	84.9	61.7	46.3	30.9	23.1
-50°	339.5	293.2	246.9	200.6	154.3	115.7	84.9	61.7	46.3	30.9	23.1
-52.5°	316.3	270.1	231.5	185.2	146.6	115.7	84.9	61.7	46.3	30.9	23.1
-55°	293.2	254.6	216.0	177.5	138.9	108.0	77.2	61.7	46.3	30.9	23.1
-57.5°	277.8	239.2	200.6	162.0	131.2	100.3	77.2	54.0	38.6	30.9	23.1
-60°	262.3	223.8	185.2	154.3	123.5	100.3	77.2	54.0	38.6	30.9	15.4
-62.5°	239.2	208.3	169.7	146.6	115.7	92.6	69.4	54.0	38.6	30.9	15.4
-65°	216.0	185.2	154.3	131.2	108.0	84.9	69.4	54.0	38.6	30.9	15.4
-67.5°	192.9	169.7	146.6	123.5	100.3	84.9	69.4	54.0	38.6	23.1	15.4
-70°	177.5	154.3	131.2	115.7	100.3	77.2	69.4	54.0	38.6	23.1	15.4
-72.5°	154.3	138.9	123.5	108.0	92.6	84.9	69.4	54.0	30.9	23.1	15.4
-75°	146.6	131.2	115.7	108.0	100.3	84.9	69.4	46.3	30.9	23.1	15.4
-77.5°	146.6	131.2	123.5	115.7	100.3	84.9	61.7	38.6	23.1	23.1	15.4
-80°	146.6	138.9	131.2	108.0	92.6	69.4	46.3	38.6	23.1	15.4	7.7
-82.5°	131.2	108.0	92.6	77.2	69.4	54.0	38.6	30.9	15.4	15.4	7.7
-85°	84.9	69.4	61.7	54.0	46.3	38.6	23.1	15.4	15.4	7.7	7.7
-87.5°	38.6	38.6	30.9	23.1	23.1	15.4	15.4	7.7	7.7	7.7	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: P724095
 CATALOG NUMBER: IFLD-L-SA8C-730-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°	7.7	0.0	0.0	0.0
77.5°	7.7	0.0	0.0	0.0
75°	7.7	7.7	0.0	0.0
72.5°	7.7	7.7	0.0	0.0
70°	7.7	7.7	0.0	0.0
67.5°	7.7	7.7	0.0	0.0
65°	7.7	7.7	0.0	0.0
62.5°	7.7	7.7	0.0	0.0
60°	7.7	7.7	0.0	0.0
57.5°	7.7	7.7	7.7	0.0
55°	7.7	7.7	7.7	0.0
52.5°	7.7	7.7	7.7	0.0
50°	7.7	7.7	7.7	0.0
47.5°	7.7	7.7	7.7	0.0
45°	7.7	7.7	7.7	0.0
42.5°	7.7	7.7	7.7	0.0
40°	7.7	7.7	7.7	0.0
37.5°	7.7	7.7	7.7	0.0
35°	7.7	7.7	7.7	0.0
32.5°	7.7	7.7	7.7	0.0
30°	7.7	7.7	7.7	0.0
27.5°	7.7	7.7	7.7	0.0
25°	7.7	7.7	7.7	0.0
22.5°	7.7	7.7	7.7	0.0
20°	7.7	7.7	7.7	0.0
17.5°	7.7	7.7	7.7	0.0
15°	7.7	7.7	7.7	0.0
12.5°	7.7	7.7	7.7	0.0
10°	7.7	7.7	7.7	0.0
7.5°	7.7	7.7	7.7	0.0
5°	7.7	7.7	7.7	0.0
2.5°	7.7	7.7	7.7	0.0
0°	7.7	7.7	7.7	0.0
-2.5°	7.7	7.7	7.7	0.0
-5°	7.7	7.7	7.7	0.0
-7.5°	7.7	7.7	7.7	0.0
-10°	7.7	7.7	7.7	0.0
-12.5°	7.7	7.7	7.7	0.0
-15°	7.7	7.7	7.7	0.0
-17.5°	7.7	7.7	7.7	0.0
-20°	7.7	7.7	7.7	0.0



REPORT NUMBER: P724095
CATALOG NUMBER: IFLD-L-SA8C-730-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	7.7	7.7	7.7	0.0
-25°	7.7	7.7	7.7	0.0
-27.5°	7.7	7.7	7.7	0.0
-30°	7.7	7.7	7.7	0.0
-32.5°	7.7	7.7	7.7	0.0
-35°	7.7	7.7	7.7	0.0
-37.5°	7.7	7.7	7.7	0.0
-40°	7.7	7.7	7.7	0.0
-42.5°	7.7	7.7	7.7	0.0
-45°	7.7	7.7	7.7	0.0
-47.5°	7.7	7.7	7.7	0.0
-50°	7.7	7.7	7.7	0.0
-52.5°	7.7	7.7	7.7	0.0
-55°	7.7	7.7	7.7	0.0
-57.5°	7.7	7.7	7.7	0.0
-60°	7.7	7.7	0.0	0.0
-62.5°	7.7	7.7	0.0	0.0
-65°	7.7	7.7	0.0	0.0
-67.5°	7.7	7.7	0.0	0.0
-70°	7.7	7.7	0.0	0.0
-72.5°	7.7	7.7	0.0	0.0
-75°	7.7	7.7	0.0	0.0
-77.5°	7.7	0.0	0.0	0.0
-80°	7.7	0.0	0.0	0.0
-82.5°	7.7	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)