

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: P724096

Luminaire Tested: **IFLD-L-SA8D-730-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724096
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-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

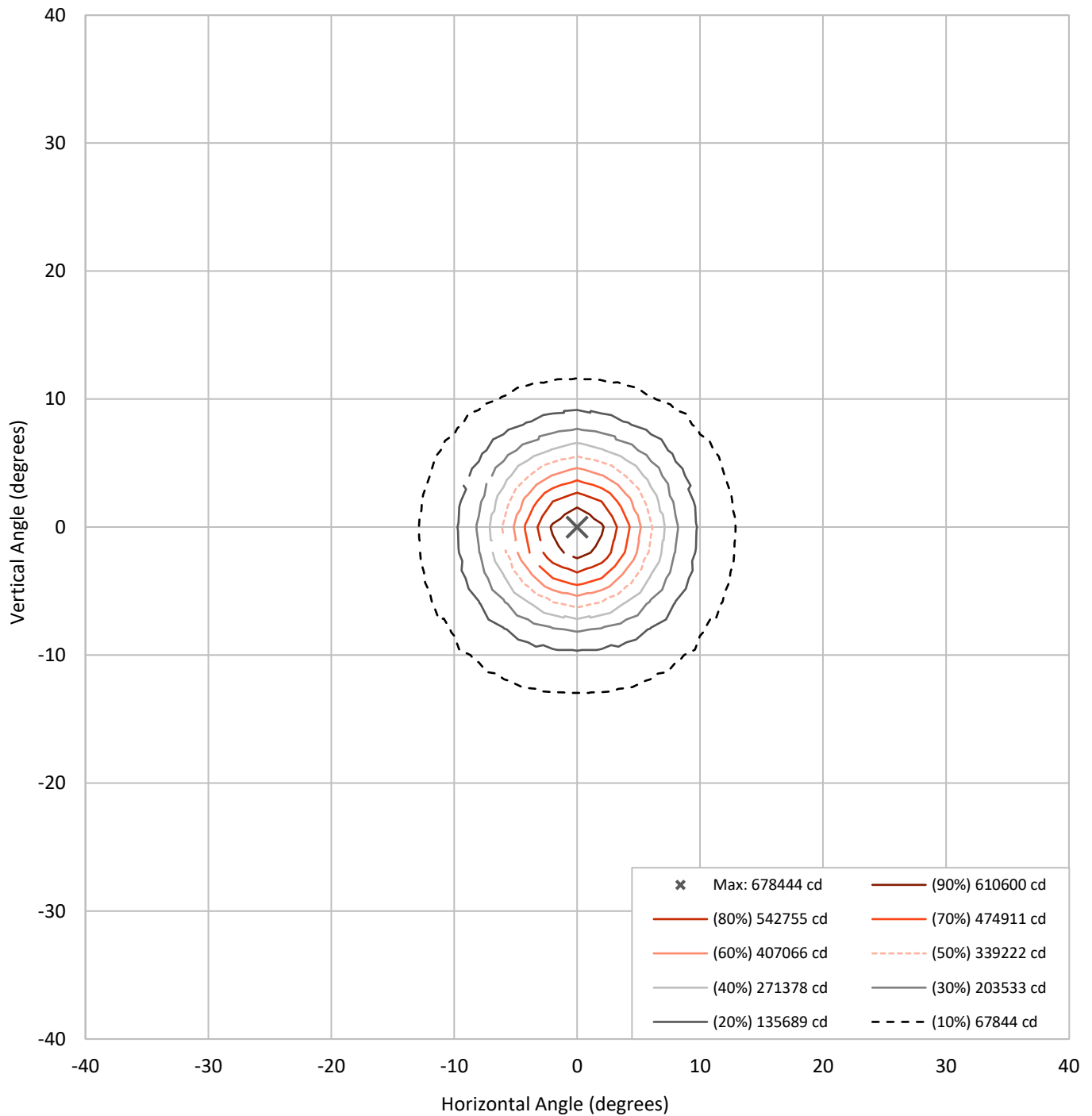
Lumens per Lamp: N/A	NEMA Type: 2H x 2V
Luminaire Lumens: 47389.6 lumens	Max Intensity: 678444 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 0°V
Efficacy: 97.1 lumens/watt	
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')	
Beam Angle (50%): 12.2°H x 11.7°V	Field Angle (10%): 25.1°H x 24.3°V
Beam Lumens: 14825.7 lumens	Field Lumens: 33733.7 lumens
Beam Efficiency: 31.3%	Field Efficiency: 71.2%

Input Watts (W): 488.3
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





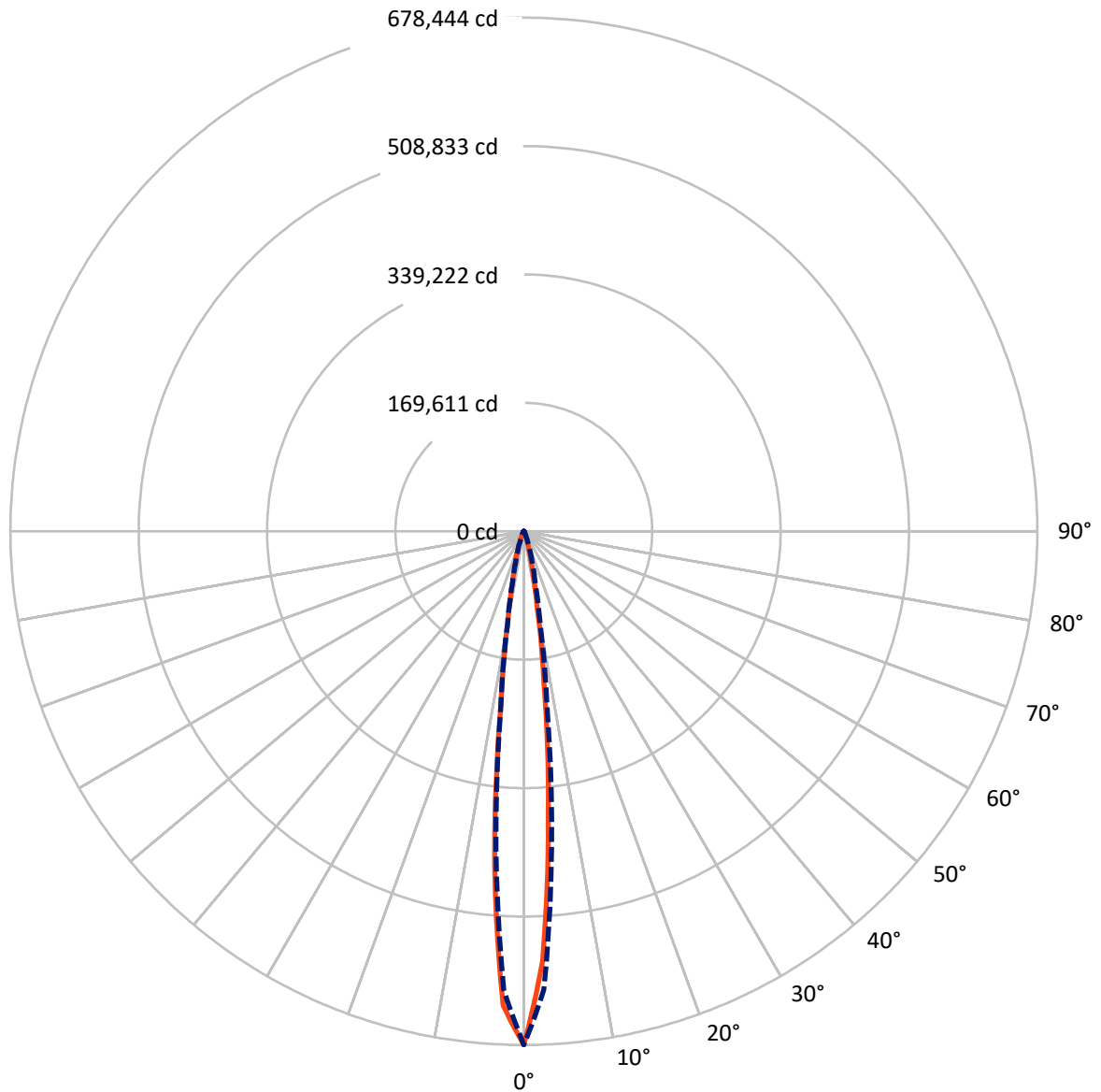
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Lumen Table

90	0.3	2.8		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	3.7	4.6	5.2	5.2	4.6	3.7	2.4	1.3	0.5	0.3				
50	0.3	0.4	1.5	3.9	6.7	9.6	12.6	14.8	14.8	12.6	9.6	6.7	3.9	1.5	0.4	0.3			
40		0.8	3.3	7.1	12.1	19.1	28.8	34.4	34.4	28.8	19.1	12.1	7.1	3.3	0.8				
30	0.5	1.4	5.1	10.4	19.0	32.8	63.2	102.0	102.0	63.2	32.8	19.0	10.4	5.1	1.4	0.5			
20		2.1	6.8	14.2	28.8	71.5	373.4	944.6	944.6	373.4	71.5	28.8	14.2	6.8	2.1				
10	0.8	2.6	8.1	16.8	35.2	145.2	1202.5	7410.0	7410.0	1202.5	145.2	35.2	16.8	8.1	2.6	0.8			
0		3.1	8.8	17.7	36.7	165.4	1323.2	8160.4	8160.4	1323.2	165.4	36.7	17.7	8.8	3.1				
-10	1.0	3.3	9.2	17.6	34.4	99.2	593.9	1431.2	1431.2	593.9	99.2	34.4	17.6	9.2	3.3	1.0			
-20		3.2	9.1	16.7	29.1	50.5	122.7	230.6	230.6	122.7	50.5	29.1	16.7	9.1	3.2				
-30	1.0	2.9	8.4	15.5	24.2	35.8	50.7	59.5	59.5	50.7	35.8	24.2	15.5	8.4	2.9	1.0			
-40		2.5	7.3	13.8	21.1	27.9	35.2	39.1	39.1	35.2	27.9	21.1	13.8	7.3	2.5				
-50	0.9	2.1	5.8	11.7	18.5	24.3	29.9	32.6	32.6	29.9	24.3	18.5	11.7	5.8	2.1	0.9			
-60		1.6	4.2	8.6	14.1	19.4	24.5	27.2	27.2	24.5	19.4	14.1	8.6	4.2	1.6				
-70	0.5	6.4		17.7		32.7		39.5		32.7		17.7		6.4		0.5			
-80		6.4		17.7		32.7		39.5		32.7		17.7		6.4					
-90	0.5	6.4		17.7		32.7		39.5		32.7		17.7		6.4		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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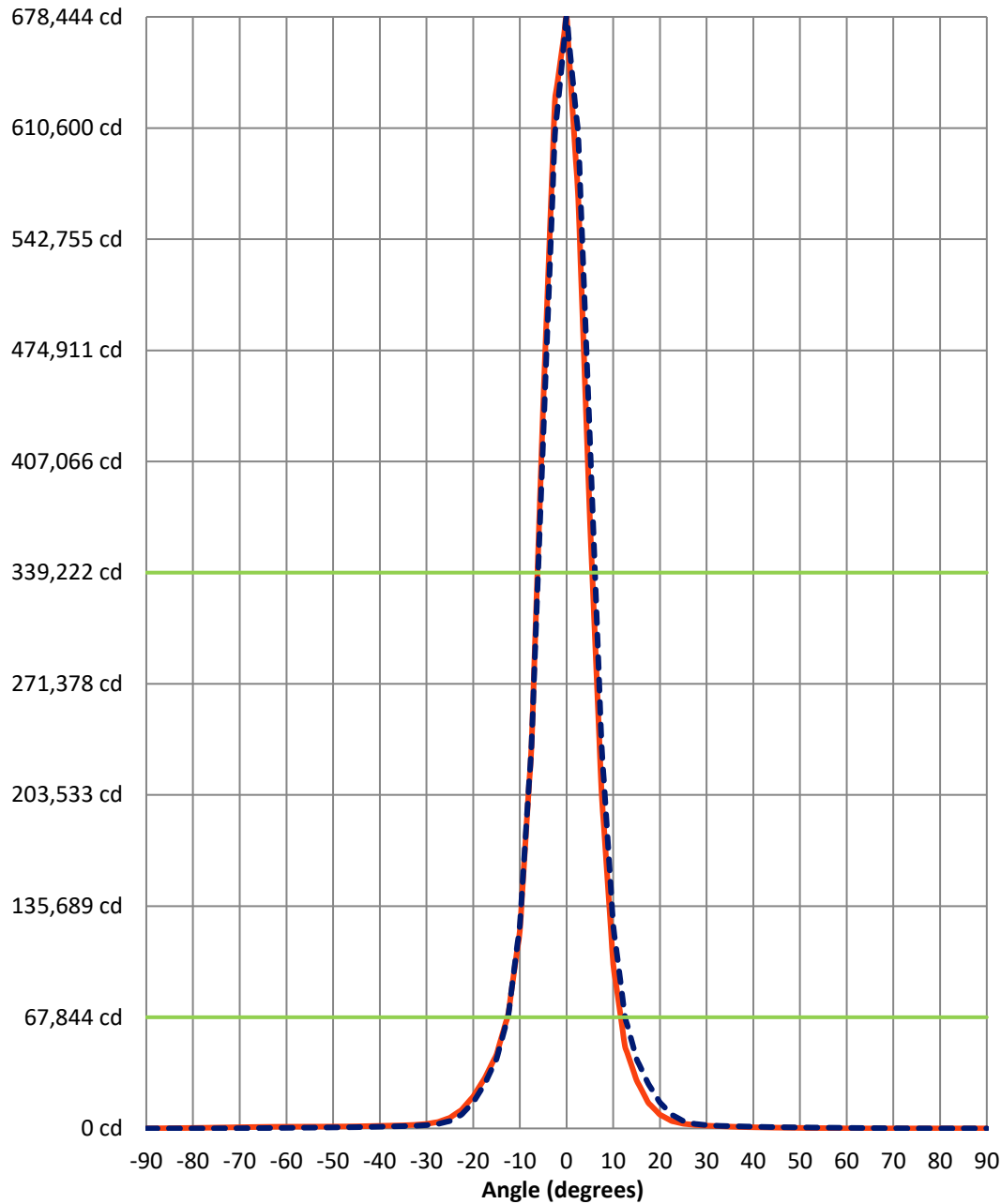
Luminous Intensity Polar Plot



— 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: 14825.7
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 33733.7
 Efficiency: 71.2%

Spill:
 Lumens: 13655.9
 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	8.5	8.5
85°	0.0	0.0	0.0	0.0	8.5	8.5	8.5	8.5	8.5	17.0	17.0
82.5°	0.0	0.0	0.0	0.0	8.5	8.5	8.5	8.5	17.0	17.0	17.0
80°	0.0	0.0	0.0	0.0	8.5	8.5	8.5	8.5	17.0	17.0	17.0
77.5°	0.0	0.0	0.0	0.0	8.5	8.5	8.5	8.5	8.5	8.5	17.0
75°	0.0	0.0	0.0	0.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5
72.5°	0.0	0.0	0.0	0.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5
70°	0.0	0.0	0.0	0.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5
67.5°	0.0	0.0	0.0	0.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5
65°	0.0	0.0	0.0	0.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5
62.5°	0.0	0.0	0.0	0.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5
60°	17.0	17.0	17.0	17.0	25.5	25.5	34.0	34.0	34.0	17.0	34.0
57.5°	135.8	135.8	127.3	118.9	110.4	101.9	101.9	101.9	101.9	101.9	84.9
55°	186.8	186.8	186.8	178.3	178.3	169.8	161.3	152.8	152.8	144.3	135.8
52.5°	220.7	220.7	220.7	220.7	212.2	212.2	212.2	203.8	186.8	186.8	178.3
50°	314.1	305.6	305.6	305.6	305.6	288.7	280.2	263.2	254.7	246.2	237.7
47.5°	407.5	407.5	399.0	399.0	390.5	373.6	356.6	339.6	322.6	314.1	297.1
45°	483.9	483.9	475.4	475.4	466.9	450.0	424.5	399.0	382.0	365.1	348.1
42.5°	594.3	585.8	577.3	568.8	551.8	526.4	492.4	458.5	433.0	407.5	390.5
40°	713.2	713.2	704.7	696.2	670.7	645.2	602.8	560.3	517.9	466.9	441.5
37.5°	857.5	866.0	874.5	874.5	857.5	823.5	764.1	713.2	645.2	577.3	543.4
35°	1120.7	1120.7	1137.7	1137.7	1112.2	1069.7	1027.3	916.9	832.0	747.1	670.7
32.5°	1409.3	1417.8	1383.9	1358.4	1324.4	1273.5	1197.1	1103.7	1010.3	899.9	815.0
30°	1689.5	1689.5	1647.1	1596.1	1528.2	1443.3	1349.9	1248.0	1137.7	1027.3	925.4
27.5°	2131.0	2088.5	2054.6	1969.7	1850.8	1689.5	1570.6	1409.3	1265.0	1137.7	1027.3
25°	2861.1	2852.6	2776.2	2631.9	2394.2	2139.5	1944.2	1672.5	1451.8	1256.5	1129.2
22.5°	4550.6	4491.2	4312.9	3956.3	3396.0	2954.5	2555.5	2131.0	1732.0	1468.8	1265.0
20°	8413.6	8218.3	7742.9	6758.0	5501.5	4635.5	3642.2	2929.0	2258.3	1765.9	1460.3
17.5°	15698.0	15570.7	15392.4	13117.0	10561.6	8727.7	6494.8	4491.2	3209.2	2309.3	1732.0
15°	29426.3	28483.9	26514.3	23789.0	20214.7	15621.6	11487.0	7250.5	4584.6	3073.4	2198.9
12.5°	50303.2	49259.0	44173.4	37356.0	30929.1	24391.8	17124.3	11020.0	6528.8	3905.4	2606.4
10°	100232.9	92651.3	78413.6	58521.5	45676.2	34061.9	24043.7	15035.8	8498.5	4932.7	3090.4
7.5°	205296.6	180522.8	139108.6	98203.8	63564.6	44674.4	30708.3	19662.8	11325.7	6172.2	3531.8
5°	372091.0	328138.3	247211.7	148855.1	92303.2	55991.5	36439.1	23381.4	13405.7	7182.5	3973.3
2.5°	568159.0	511301.5	357403.4	204685.3	113816.9	64753.2	40446.3	25826.6	14730.1	7870.2	4312.9
0°	678444.0	606024.4	420900.0	234340.9	124064.3	68471.8	42407.5	27295.3	15850.8	8430.6	4533.7
-2.5°	626714.5	568413.7	386812.7	217683.5	118554.3	66841.7	42687.7	27660.4	16037.6	8583.4	4635.5
-5°	441709.0	393859.4	267647.1	160639.2	100589.5	61569.4	40276.5	26285.0	15519.7	8362.6	4593.1
-7.5°	233687.1	212037.6	158729.0	115430.0	73421.5	52111.6	36260.8	23848.4	14178.3	7768.3	4338.4
-10°	120736.2	116296.0	100215.9	75544.0	59413.0	43655.6	30946.0	20393.0	11852.0	6690.1	3905.4
-12.5°	69609.5	68853.9	63683.5	54667.1	45557.3	35861.7	25393.6	16631.9	9890.8	5544.0	3294.1
-15°	45073.4	45396.0	43596.1	39843.5	34656.2	26836.9	19510.0	12369.9	7318.4	4491.2	2903.6
-17.5°	30759.3	30674.4	29833.8	27261.4	23084.3	18126.1	12930.3	8736.2	5544.0	3497.9	2411.2
-20°	19459.1	19493.0	18712.0	16937.5	13864.2	11172.8	8048.5	5892.1	3930.9	2750.8	2131.0



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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°	11291.7	11317.2	10824.7	9822.9	8209.8	6622.2	5229.8	3896.9	2895.1	2292.3	1867.8
-25°	6486.4	6384.5	6189.2	5705.3	4949.7	4083.7	3472.4	2742.3	2317.8	1944.2	1706.5
-27.5°	3930.9	3862.9	3761.1	3548.8	3251.7	2818.7	2538.5	2215.9	1969.7	1748.9	1604.6
-30°	2742.3	2767.7	2682.8	2572.5	2436.6	2241.4	2088.5	1935.7	1774.4	1638.6	1502.7
-32.5°	2181.9	2198.9	2156.5	2114.0	2046.1	1969.7	1876.3	1765.9	1638.6	1511.2	1383.9
-35°	1876.3	1884.8	1884.8	1876.3	1859.3	1799.9	1732.0	1630.1	1511.2	1392.4	1282.0
-37.5°	1723.5	1732.0	1732.0	1723.5	1698.0	1647.1	1579.1	1494.2	1383.9	1273.5	1188.6
-40°	1562.2	1570.6	1562.2	1545.2	1519.7	1468.8	1417.8	1349.9	1265.0	1171.6	1095.2
-42.5°	1409.3	1400.8	1392.4	1375.4	1349.9	1315.9	1273.5	1222.6	1163.1	1095.2	1035.8
-45°	1265.0	1265.0	1256.5	1248.0	1231.0	1205.6	1180.1	1137.7	1095.2	1044.3	993.3
-47.5°	1188.6	1188.6	1180.1	1171.6	1163.1	1146.1	1120.7	1086.7	1052.8	1010.3	967.9
-50°	1137.7	1137.7	1137.7	1129.2	1120.7	1103.7	1078.2	1052.8	1018.8	976.3	933.9
-52.5°	1103.7	1103.7	1103.7	1095.2	1086.7	1078.2	1052.8	1018.8	976.3	942.4	908.4
-55°	1086.7	1078.2	1078.2	1069.7	1061.2	1052.8	1018.8	984.8	950.9	916.9	883.0
-57.5°	1061.2	1052.8	1052.8	1044.3	1035.8	1027.3	993.3	959.4	925.4	883.0	857.5
-60°	1035.8	1027.3	1027.3	1010.3	1001.8	993.3	959.4	925.4	891.4	857.5	823.5
-62.5°	1001.8	993.3	984.8	976.3	959.4	942.4	916.9	883.0	840.5	806.5	772.6
-65°	925.4	916.9	908.4	899.9	891.4	883.0	857.5	815.0	781.1	747.1	713.2
-67.5°	832.0	832.0	832.0	815.0	806.5	789.6	772.6	738.6	704.7	670.7	645.2
-70°	721.6	721.6	721.6	704.7	696.2	687.7	662.2	636.7	611.3	585.8	551.8
-72.5°	611.3	602.8	602.8	594.3	577.3	568.8	551.8	534.9	509.4	492.4	466.9
-75°	500.9	492.4	492.4	483.9	475.4	466.9	450.0	441.5	424.5	407.5	382.0
-77.5°	399.0	399.0	399.0	390.5	382.0	373.6	365.1	356.6	348.1	331.1	314.1
-80°	305.6	305.6	305.6	305.6	305.6	305.6	305.6	297.1	280.2	271.7	263.2
-82.5°	220.7	229.2	229.2	229.2	229.2	229.2	229.2	229.2	220.7	212.2	203.8
-85°	144.3	152.8	152.8	161.3	169.8	169.8	178.3	169.8	161.3	144.3	135.8
-87.5°	76.4	76.4	76.4	76.4	76.4	76.4	76.4	67.9	67.9	67.9	59.4
-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°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	17.0	17.0	17.0
85°	17.0	17.0	17.0	17.0	25.5	25.5	25.5	34.0	34.0	34.0	34.0
82.5°	17.0	25.5	25.5	25.5	34.0	34.0	42.4	50.9	67.9	76.4	76.4
80°	17.0	25.5	25.5	25.5	34.0	34.0	42.4	42.4	50.9	59.4	76.4
77.5°	17.0	17.0	25.5	25.5	25.5	34.0	34.0	42.4	42.4	50.9	59.4
75°	8.5	17.0	17.0	17.0	25.5	25.5	34.0	34.0	42.4	42.4	50.9
72.5°	8.5	17.0	17.0	17.0	25.5	25.5	34.0	34.0	34.0	42.4	42.4
70°	8.5	17.0	17.0	17.0	17.0	25.5	25.5	25.5	34.0	34.0	34.0
67.5°	8.5	8.5	8.5	17.0	17.0	17.0	17.0	25.5	25.5	25.5	34.0
65°	8.5	8.5	8.5	8.5	17.0	17.0	17.0	17.0	25.5	25.5	25.5
62.5°	8.5	8.5	8.5	17.0	17.0	17.0	17.0	17.0	25.5	25.5	25.5
60°	34.0	34.0	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
57.5°	76.4	76.4	67.9	59.4	50.9	50.9	42.4	34.0	34.0	25.5	25.5
55°	127.3	118.9	110.4	93.4	84.9	76.4	67.9	50.9	42.4	34.0	25.5
52.5°	161.3	152.8	144.3	135.8	118.9	101.9	93.4	84.9	67.9	50.9	42.4
50°	237.7	212.2	195.3	178.3	161.3	144.3	127.3	118.9	93.4	76.4	59.4
47.5°	288.7	271.7	246.2	229.2	212.2	186.8	161.3	144.3	127.3	101.9	76.4
45°	331.1	314.1	288.7	271.7	254.7	229.2	203.8	178.3	161.3	135.8	101.9
42.5°	373.6	356.6	331.1	314.1	288.7	263.2	237.7	212.2	186.8	169.8	135.8
40°	433.0	407.5	373.6	356.6	339.6	305.6	271.7	246.2	220.7	195.3	161.3
37.5°	509.4	483.9	441.5	407.5	382.0	356.6	322.6	288.7	263.2	229.2	195.3
35°	628.3	585.8	526.4	475.4	441.5	407.5	365.1	331.1	297.1	263.2	229.2
32.5°	747.1	679.2	602.8	543.4	492.4	450.0	407.5	373.6	331.1	288.7	254.7
30°	840.5	764.1	687.7	602.8	543.4	492.4	450.0	407.5	365.1	322.6	280.2
27.5°	933.9	849.0	764.1	679.2	594.3	526.4	483.9	441.5	399.0	356.6	305.6
25°	1027.3	933.9	849.0	755.6	653.7	577.3	517.9	483.9	441.5	390.5	331.1
22.5°	1112.2	1027.3	942.4	840.5	721.6	619.8	560.3	517.9	475.4	416.0	365.1
20°	1273.5	1163.1	1061.2	933.9	798.1	696.2	619.8	560.3	509.4	450.0	390.5
17.5°	1485.7	1324.4	1188.6	1044.3	908.4	781.1	670.7	602.8	551.8	483.9	416.0
15°	1757.4	1477.3	1307.5	1163.1	1001.8	857.5	738.6	645.2	577.3	509.4	450.0
12.5°	1961.2	1596.1	1409.3	1273.5	1103.7	942.4	789.6	679.2	602.8	534.9	466.9
10°	2190.4	1723.5	1494.2	1341.4	1163.1	984.8	823.5	704.7	619.8	560.3	492.4
7.5°	2377.2	1825.3	1536.7	1366.9	1197.1	1018.8	857.5	730.1	645.2	577.3	509.4
5°	2547.0	1910.2	1570.6	1375.4	1214.1	1044.3	874.5	747.1	662.2	594.3	526.4
2.5°	2665.9	1986.7	1604.6	1392.4	1231.0	1061.2	899.9	764.1	679.2	611.3	543.4
0°	2767.7	2012.1	1596.1	1392.4	1239.5	1061.2	908.4	772.6	687.7	619.8	551.8
-2.5°	2801.7	2054.6	1638.6	1409.3	1256.5	1078.2	925.4	781.1	696.2	628.3	568.8
-5°	2801.7	2020.6	1638.6	1426.3	1265.0	1086.7	925.4	789.6	704.7	636.7	568.8
-7.5°	2699.8	1969.7	1630.1	1443.3	1273.5	1095.2	925.4	798.1	713.2	645.2	577.3
-10°	2521.5	1893.3	1621.6	1451.8	1273.5	1086.7	925.4	798.1	713.2	645.2	585.8
-12.5°	2232.9	1791.4	1579.1	1434.8	1256.5	1069.7	916.9	798.1	713.2	653.7	585.8
-15°	2088.5	1706.5	1528.2	1383.9	1214.1	1044.3	899.9	789.6	713.2	653.7	594.3
-17.5°	1893.3	1638.6	1477.3	1332.9	1180.1	1018.8	883.0	789.6	713.2	645.2	594.3
-20°	1757.4	1562.2	1417.8	1290.5	1137.7	993.3	874.5	781.1	713.2	645.2	594.3



REPORT NUMBER: P724096
 CATALOG NUMBER: IFLD-L-SA8D-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°	1638.6	1477.3	1349.9	1222.6	1086.7	959.4	857.5	772.6	704.7	645.2	594.3
-25°	1545.2	1400.8	1282.0	1163.1	1044.3	933.9	840.5	764.1	696.2	645.2	585.8
-27.5°	1460.3	1324.4	1214.1	1103.7	993.3	908.4	823.5	755.6	696.2	636.7	577.3
-30°	1366.9	1256.5	1146.1	1044.3	967.9	883.0	806.5	738.6	687.7	628.3	568.8
-32.5°	1273.5	1171.6	1078.2	1001.8	933.9	866.0	798.1	730.1	670.7	611.3	551.8
-35°	1188.6	1095.2	1027.3	959.4	908.4	849.0	781.1	713.2	662.2	602.8	551.8
-37.5°	1103.7	1035.8	976.3	925.4	874.5	823.5	755.6	696.2	645.2	585.8	526.4
-40°	1035.8	984.8	942.4	899.9	849.0	789.6	738.6	679.2	628.3	568.8	500.9
-42.5°	993.3	950.9	908.4	866.0	823.5	772.6	721.6	662.2	611.3	551.8	483.9
-45°	950.9	916.9	883.0	849.0	806.5	755.6	696.2	636.7	585.8	526.4	475.4
-47.5°	925.4	891.4	857.5	832.0	798.1	730.1	679.2	619.8	560.3	509.4	450.0
-50°	899.9	866.0	840.5	806.5	764.1	704.7	653.7	594.3	543.4	483.9	433.0
-52.5°	874.5	840.5	806.5	772.6	730.1	679.2	628.3	577.3	517.9	458.5	407.5
-55°	849.0	815.0	781.1	747.1	704.7	662.2	611.3	543.4	483.9	424.5	373.6
-57.5°	823.5	798.1	755.6	713.2	670.7	628.3	568.8	509.4	450.0	390.5	348.1
-60°	789.6	755.6	721.6	670.7	628.3	577.3	526.4	475.4	416.0	365.1	322.6
-62.5°	738.6	704.7	670.7	619.8	577.3	534.9	492.4	433.0	390.5	339.6	297.1
-65°	679.2	645.2	611.3	568.8	526.4	483.9	450.0	399.0	356.6	314.1	280.2
-67.5°	611.3	577.3	551.8	509.4	475.4	433.0	399.0	356.6	314.1	280.2	246.2
-70°	526.4	500.9	475.4	441.5	407.5	373.6	339.6	305.6	271.7	246.2	212.2
-72.5°	450.0	424.5	399.0	373.6	348.1	314.1	288.7	263.2	237.7	212.2	195.3
-75°	365.1	348.1	331.1	314.1	288.7	263.2	246.2	220.7	203.8	186.8	178.3
-77.5°	305.6	288.7	271.7	254.7	237.7	220.7	203.8	186.8	178.3	169.8	161.3
-80°	246.2	237.7	229.2	212.2	203.8	186.8	178.3	161.3	161.3	161.3	161.3
-82.5°	195.3	186.8	178.3	169.8	161.3	152.8	152.8	144.3	152.8	152.8	144.3
-85°	135.8	127.3	118.9	118.9	110.4	110.4	101.9	101.9	101.9	93.4	93.4
-87.5°	59.4	59.4	59.4	59.4	50.9	50.9	50.9	50.9	50.9	42.4	42.4
-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: P724096
 CATALOG NUMBER: IFLD-L-SA8D-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°	17.0	17.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5	0.0	0.0
85°	34.0	34.0	25.5	25.5	25.5	17.0	17.0	8.5	8.5	8.5	8.5
82.5°	76.4	67.9	59.4	50.9	42.4	34.0	25.5	17.0	17.0	8.5	8.5
80°	93.4	93.4	93.4	84.9	67.9	50.9	34.0	25.5	17.0	8.5	8.5
77.5°	67.9	67.9	76.4	84.9	84.9	67.9	42.4	25.5	17.0	17.0	8.5
75°	50.9	50.9	50.9	59.4	67.9	67.9	50.9	34.0	17.0	17.0	8.5
72.5°	50.9	50.9	50.9	50.9	50.9	50.9	50.9	34.0	25.5	17.0	17.0
70°	42.4	42.4	42.4	42.4	42.4	42.4	42.4	34.0	25.5	17.0	17.0
67.5°	34.0	34.0	42.4	42.4	42.4	34.0	34.0	34.0	25.5	17.0	17.0
65°	25.5	34.0	34.0	42.4	34.0	34.0	34.0	25.5	25.5	17.0	17.0
62.5°	25.5	25.5	34.0	34.0	34.0	34.0	25.5	25.5	25.5	17.0	17.0
60°	25.5	25.5	25.5	34.0	25.5	25.5	25.5	25.5	25.5	17.0	17.0
57.5°	25.5	25.5	25.5	25.5	25.5	25.5	25.5	17.0	17.0	17.0	17.0
55°	25.5	25.5	25.5	25.5	25.5	25.5	17.0	17.0	17.0	17.0	17.0
52.5°	34.0	25.5	25.5	25.5	25.5	25.5	17.0	17.0	17.0	17.0	17.0
50°	42.4	25.5	25.5	25.5	25.5	17.0	17.0	17.0	17.0	17.0	17.0
47.5°	59.4	42.4	34.0	25.5	25.5	17.0	17.0	17.0	17.0	17.0	8.5
45°	84.9	59.4	42.4	34.0	25.5	17.0	17.0	17.0	17.0	17.0	8.5
42.5°	101.9	76.4	50.9	42.4	34.0	25.5	17.0	17.0	17.0	8.5	8.5
40°	127.3	101.9	67.9	50.9	34.0	25.5	17.0	17.0	17.0	8.5	8.5
37.5°	161.3	127.3	84.9	59.4	42.4	25.5	25.5	17.0	17.0	8.5	8.5
35°	186.8	144.3	110.4	67.9	50.9	34.0	25.5	17.0	17.0	8.5	8.5
32.5°	212.2	169.8	135.8	84.9	59.4	42.4	34.0	17.0	17.0	8.5	8.5
30°	237.7	195.3	152.8	110.4	76.4	50.9	34.0	17.0	17.0	8.5	8.5
27.5°	263.2	212.2	169.8	127.3	84.9	59.4	42.4	25.5	17.0	8.5	8.5
25°	288.7	237.7	186.8	144.3	93.4	67.9	42.4	25.5	17.0	17.0	8.5
22.5°	305.6	263.2	212.2	161.3	110.4	76.4	50.9	34.0	17.0	17.0	8.5
20°	331.1	288.7	229.2	178.3	127.3	84.9	50.9	34.0	17.0	17.0	8.5
17.5°	356.6	305.6	246.2	195.3	144.3	93.4	59.4	42.4	17.0	17.0	8.5
15°	382.0	322.6	263.2	203.8	152.8	101.9	59.4	42.4	17.0	17.0	8.5
12.5°	407.5	348.1	280.2	220.7	161.3	110.4	67.9	50.9	25.5	17.0	8.5
10°	424.5	365.1	297.1	229.2	169.8	127.3	76.4	50.9	25.5	17.0	8.5
7.5°	450.0	382.0	314.1	246.2	178.3	135.8	84.9	50.9	25.5	17.0	8.5
5°	458.5	399.0	322.6	263.2	186.8	144.3	93.4	59.4	25.5	17.0	8.5
2.5°	466.9	416.0	331.1	271.7	195.3	144.3	93.4	59.4	34.0	17.0	8.5
0°	475.4	424.5	339.6	280.2	203.8	152.8	101.9	59.4	34.0	17.0	8.5
-2.5°	483.9	433.0	356.6	288.7	212.2	161.3	110.4	59.4	34.0	17.0	8.5
-5°	492.4	433.0	373.6	297.1	220.7	161.3	110.4	67.9	42.4	17.0	8.5
-7.5°	500.9	441.5	382.0	305.6	229.2	161.3	118.9	67.9	42.4	25.5	8.5
-10°	509.4	450.0	390.5	314.1	229.2	169.8	118.9	67.9	42.4	25.5	8.5
-12.5°	517.9	458.5	390.5	314.1	237.7	169.8	118.9	76.4	42.4	25.5	8.5
-15°	526.4	458.5	390.5	314.1	237.7	178.3	127.3	76.4	42.4	25.5	17.0
-17.5°	526.4	458.5	390.5	322.6	237.7	178.3	127.3	76.4	42.4	25.5	17.0
-20°	526.4	458.5	390.5	322.6	237.7	178.3	127.3	76.4	42.4	25.5	17.0



REPORT NUMBER: P724096
 CATALOG NUMBER: IFLD-L-SA8D-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°	517.9	450.0	390.5	314.1	237.7	178.3	127.3	76.4	50.9	25.5	17.0
-25°	517.9	450.0	390.5	314.1	237.7	178.3	118.9	76.4	50.9	25.5	17.0
-27.5°	509.4	450.0	382.0	305.6	229.2	169.8	118.9	76.4	50.9	25.5	17.0
-30°	500.9	441.5	373.6	297.1	229.2	169.8	118.9	76.4	50.9	25.5	17.0
-32.5°	492.4	424.5	365.1	288.7	220.7	161.3	118.9	76.4	50.9	25.5	17.0
-35°	475.4	416.0	348.1	280.2	212.2	161.3	110.4	76.4	50.9	34.0	17.0
-37.5°	458.5	399.0	339.6	271.7	203.8	152.8	110.4	76.4	50.9	34.0	17.0
-40°	441.5	390.5	322.6	254.7	195.3	144.3	110.4	76.4	50.9	34.0	25.5
-42.5°	424.5	373.6	314.1	246.2	195.3	144.3	101.9	76.4	50.9	34.0	25.5
-45°	416.0	365.1	297.1	237.7	186.8	144.3	101.9	67.9	50.9	34.0	25.5
-47.5°	399.0	339.6	280.2	229.2	178.3	135.8	93.4	67.9	50.9	34.0	25.5
-50°	373.6	322.6	271.7	220.7	169.8	127.3	93.4	67.9	50.9	34.0	25.5
-52.5°	348.1	297.1	254.7	203.8	161.3	127.3	93.4	67.9	50.9	34.0	25.5
-55°	322.6	280.2	237.7	195.3	152.8	118.9	84.9	67.9	50.9	34.0	25.5
-57.5°	305.6	263.2	220.7	178.3	144.3	110.4	84.9	59.4	42.4	34.0	25.5
-60°	288.7	246.2	203.8	169.8	135.8	110.4	84.9	59.4	42.4	34.0	17.0
-62.5°	263.2	229.2	186.8	161.3	127.3	101.9	76.4	59.4	42.4	34.0	17.0
-65°	237.7	203.8	169.8	144.3	118.9	93.4	76.4	59.4	42.4	34.0	17.0
-67.5°	212.2	186.8	161.3	135.8	110.4	93.4	76.4	59.4	42.4	25.5	17.0
-70°	195.3	169.8	144.3	127.3	110.4	84.9	76.4	59.4	42.4	25.5	17.0
-72.5°	169.8	152.8	135.8	118.9	101.9	93.4	76.4	59.4	34.0	25.5	17.0
-75°	161.3	144.3	127.3	118.9	110.4	93.4	76.4	50.9	34.0	25.5	17.0
-77.5°	161.3	144.3	135.8	127.3	110.4	93.4	67.9	42.4	25.5	25.5	17.0
-80°	161.3	152.8	144.3	118.9	101.9	76.4	50.9	42.4	25.5	17.0	8.5
-82.5°	144.3	118.9	101.9	84.9	76.4	59.4	42.4	34.0	17.0	17.0	8.5
-85°	93.4	76.4	67.9	59.4	50.9	42.4	25.5	17.0	17.0	8.5	8.5
-87.5°	42.4	42.4	34.0	25.5	25.5	17.0	17.0	8.5	8.5	8.5	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-SA8D-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°	8.5	0.0	0.0	0.0
77.5°	8.5	0.0	0.0	0.0
75°	8.5	8.5	0.0	0.0
72.5°	8.5	8.5	0.0	0.0
70°	8.5	8.5	0.0	0.0
67.5°	8.5	8.5	0.0	0.0
65°	8.5	8.5	0.0	0.0
62.5°	8.5	8.5	0.0	0.0
60°	8.5	8.5	0.0	0.0
57.5°	8.5	8.5	8.5	0.0
55°	8.5	8.5	8.5	0.0
52.5°	8.5	8.5	8.5	0.0
50°	8.5	8.5	8.5	0.0
47.5°	8.5	8.5	8.5	0.0
45°	8.5	8.5	8.5	0.0
42.5°	8.5	8.5	8.5	0.0
40°	8.5	8.5	8.5	0.0
37.5°	8.5	8.5	8.5	0.0
35°	8.5	8.5	8.5	0.0
32.5°	8.5	8.5	8.5	0.0
30°	8.5	8.5	8.5	0.0
27.5°	8.5	8.5	8.5	0.0
25°	8.5	8.5	8.5	0.0
22.5°	8.5	8.5	8.5	0.0
20°	8.5	8.5	8.5	0.0
17.5°	8.5	8.5	8.5	0.0
15°	8.5	8.5	8.5	0.0
12.5°	8.5	8.5	8.5	0.0
10°	8.5	8.5	8.5	0.0
7.5°	8.5	8.5	8.5	0.0
5°	8.5	8.5	8.5	0.0
2.5°	8.5	8.5	8.5	0.0
0°	8.5	8.5	8.5	0.0
-2.5°	8.5	8.5	8.5	0.0
-5°	8.5	8.5	8.5	0.0
-7.5°	8.5	8.5	8.5	0.0
-10°	8.5	8.5	8.5	0.0
-12.5°	8.5	8.5	8.5	0.0
-15°	8.5	8.5	8.5	0.0
-17.5°	8.5	8.5	8.5	0.0
-20°	8.5	8.5	8.5	0.0



REPORT NUMBER: P724096
CATALOG NUMBER: IFLD-L-SA8D-730-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	8.5	8.5	8.5	0.0
-25°	8.5	8.5	8.5	0.0
-27.5°	8.5	8.5	8.5	0.0
-30°	8.5	8.5	8.5	0.0
-32.5°	8.5	8.5	8.5	0.0
-35°	8.5	8.5	8.5	0.0
-37.5°	8.5	8.5	8.5	0.0
-40°	8.5	8.5	8.5	0.0
-42.5°	8.5	8.5	8.5	0.0
-45°	8.5	8.5	8.5	0.0
-47.5°	8.5	8.5	8.5	0.0
-50°	8.5	8.5	8.5	0.0
-52.5°	8.5	8.5	8.5	0.0
-55°	8.5	8.5	8.5	0.0
-57.5°	8.5	8.5	8.5	0.0
-60°	8.5	8.5	0.0	0.0
-62.5°	8.5	8.5	0.0	0.0
-65°	8.5	8.5	0.0	0.0
-67.5°	8.5	8.5	0.0	0.0
-70°	8.5	8.5	0.0	0.0
-72.5°	8.5	8.5	0.0	0.0
-75°	8.5	8.5	0.0	0.0
-77.5°	8.5	0.0	0.0	0.0
-80°	8.5	0.0	0.0	0.0
-82.5°	8.5	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)