

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: P723727

Luminaire Tested: **IFLD-S-SA3C-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723727
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-740-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	11213.5 lumens	Max Intensity:	263814.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	69.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		

Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	4066.5 lumens	Field Lumens:	6482.8 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

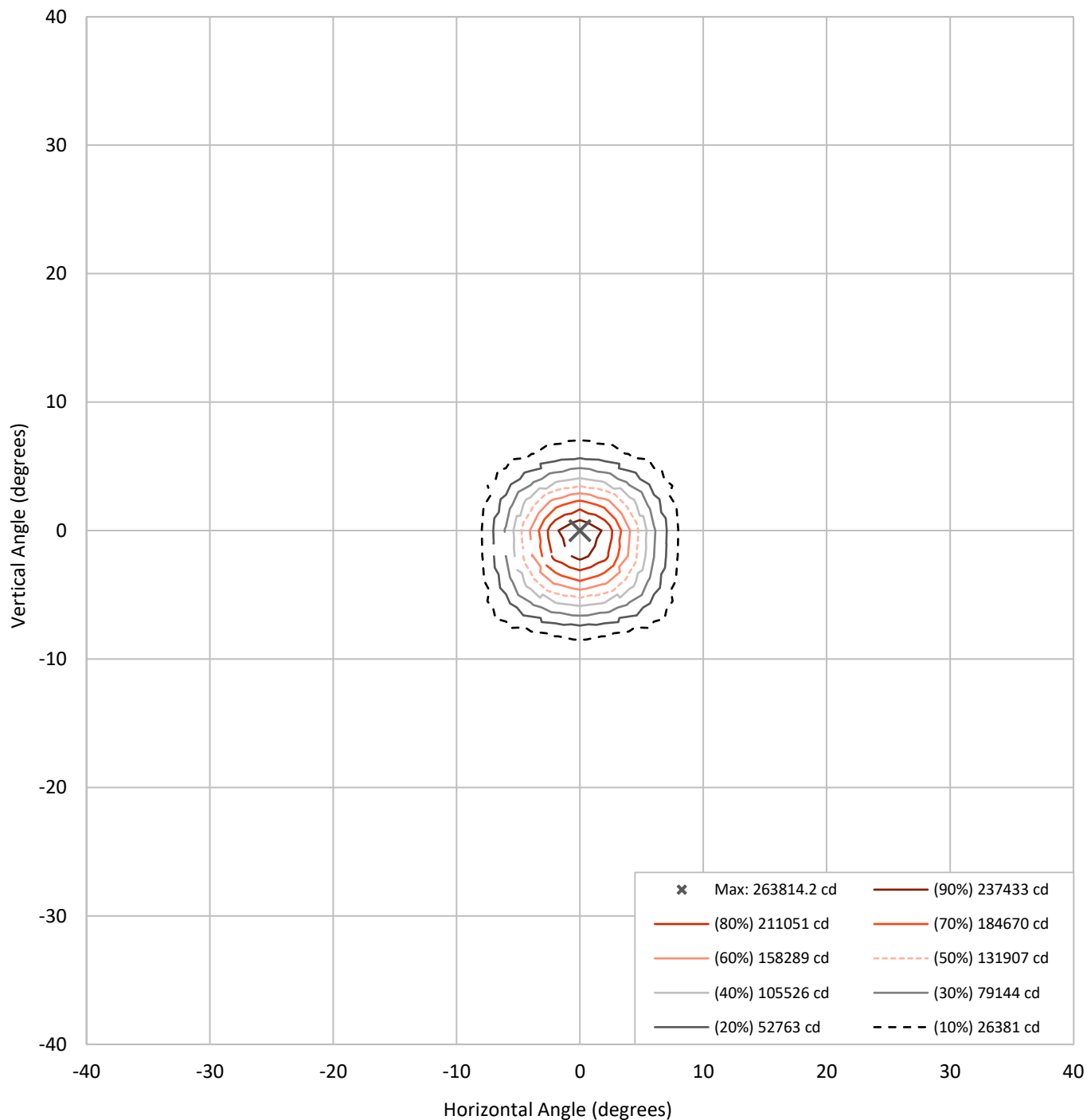
Input Watts (W): 160.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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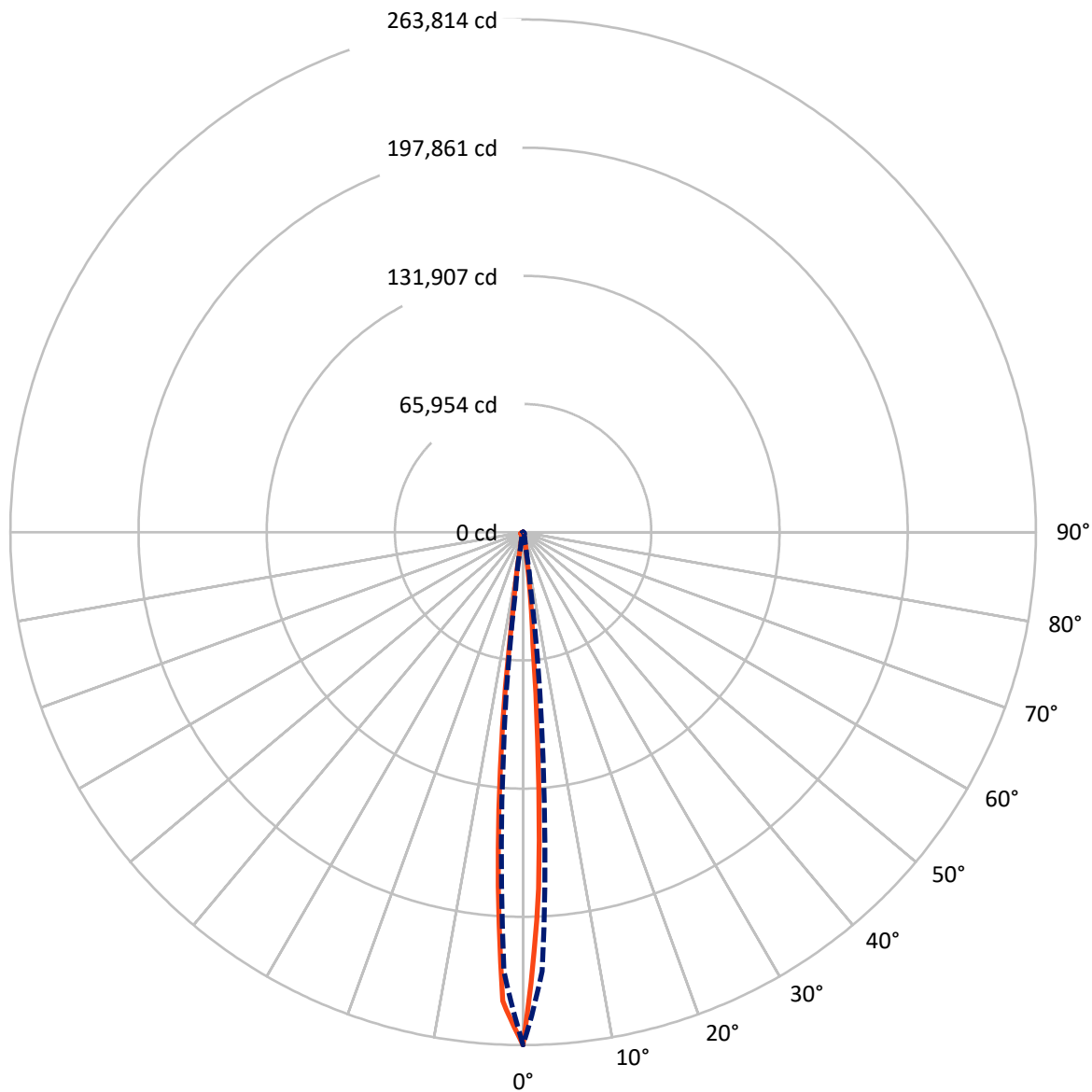
Lumen Table

Vertical Angle (degrees)																
	0.2	2.5		2.7		1.0		0.3		1.0		2.7		2.5		0.2
90																
80	0.2	2.5		2.7		1.0		0.3		1.0		2.7		2.5		0.2
70																
60	0.3	0.6	0.7	0.5	0.4	0.4	0.3	0.2	0.2	0.3	0.4	0.4	0.5	0.7	0.6	0.3
50		0.4	0.5	1.3	2.9	4.7	6.1	7.0	7.0	6.1	4.7	2.9	1.3	0.5	0.4	
40	0.3	0.4	1.5	5.1	10.1	14.7	17.7	19.6	19.6	17.7	14.7	10.1	5.1	1.5	0.4	0.3
30		0.8	3.9	10.5	17.1	20.0	21.6	22.4	22.4	21.6	20.0	17.1	10.5	3.9	0.8	
20	0.4	1.5	6.6	15.3	19.8	20.3	24.0	28.9	28.9	24.0	20.3	19.8	15.3	6.6	1.5	0.4
10		2.3	9.3	18.8	21.1	23.8	41.8	71.2	71.2	41.8	23.8	21.1	18.8	9.3	2.3	
0	0.7	3.0	11.4	20.6	21.8	29.3	79.4	1472.1	1472.1	79.4	29.3	21.8	20.6	11.4	3.0	0.7
-10		3.5	12.5	21.6	22.7	30.3	85.6	2146.4	2146.4	85.6	30.3	22.7	21.6	12.5	3.5	
-20	1.1	3.7	12.8	22.8	24.5	27.4	49.7	95.5	95.5	49.7	27.4	24.5	22.8	12.8	3.7	1.1
-30		3.5	12.2	23.1	27.5	27.6	32.2	39.3	39.3	32.2	27.6	27.5	23.1	12.2	3.5	
-40	1.2	3.1	10.8	22.1	30.3	33.0	34.3	34.6	34.6	34.3	33.0	30.3	22.1	10.8	3.1	1.2
-50		2.7	8.7	18.7	29.2	35.5	39.8	41.7	41.7	39.8	35.5	29.2	18.7	8.7	2.7	
-60	0.9	2.5	6.7	14.5	24.9	33.4	38.8	41.1	41.1	38.8	33.4	24.9	14.5	6.7	2.5	0.9
-70		2.3	5.9	11.8	20.8	29.2	35.4	38.2	38.2	35.4	29.2	20.8	11.8	5.9	2.3	
-80	0.4	6.9		20.7		38.3		42.2		38.3		20.7		6.9		0.4
-90																
Horizontal Angle (degrees)																
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	90

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Luminous Intensity Polar Plot



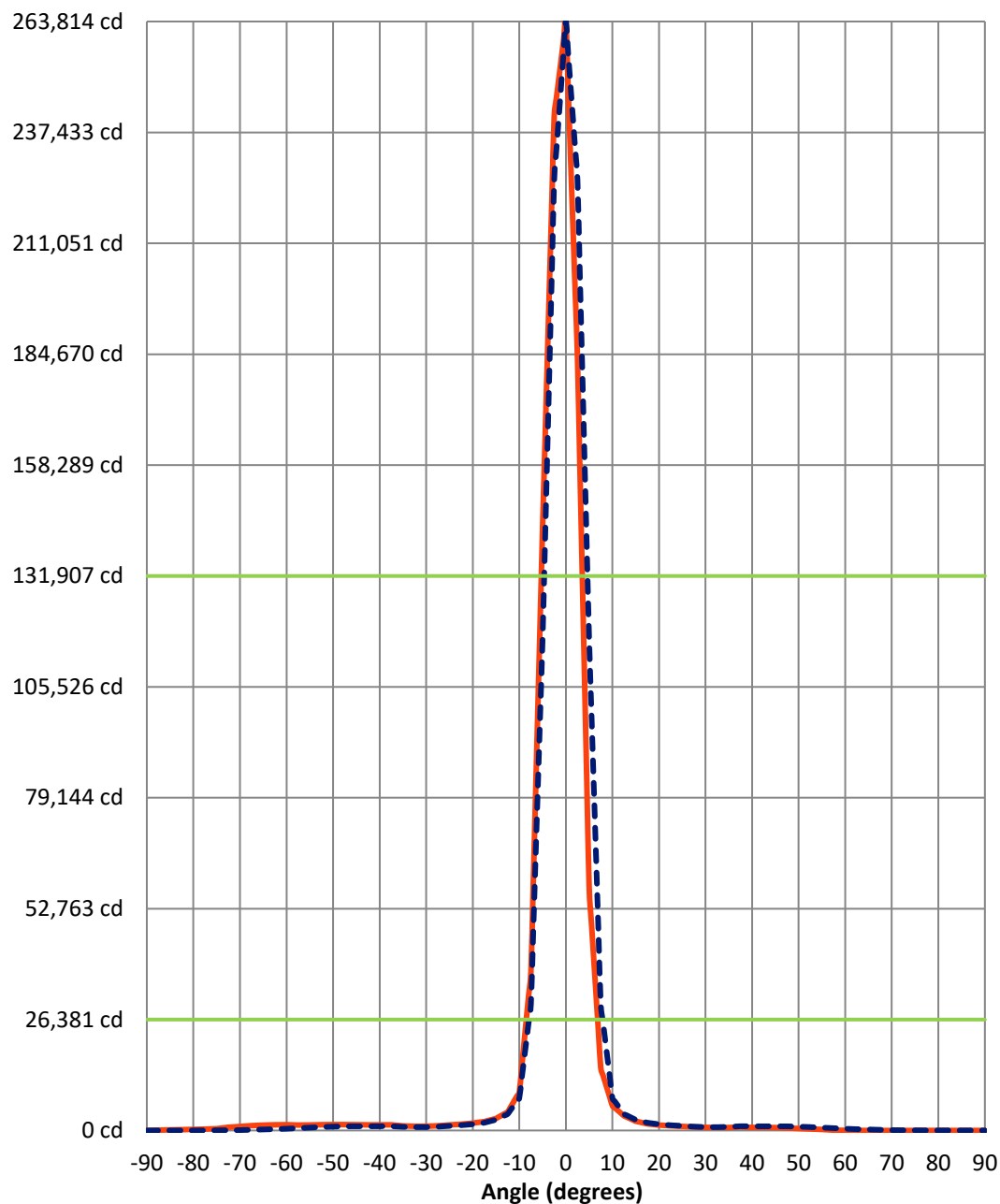
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 4066.5

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 6482.8

Efficiency: 57.8%

Spill:

Lumens: 4730.8

Efficiency: 42.2%

— 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	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
85°	0.0	2.6	2.6	5.2	5.2	5.2	7.8	10.4	12.9	12.9	15.5
82.5°	0.0	2.6	2.6	5.2	5.2	7.8	7.8	12.9	15.5	18.1	23.3
80°	2.6	2.6	2.6	5.2	5.2	7.8	7.8	10.4	12.9	18.1	20.7
77.5°	0.0	2.6	2.6	2.6	5.2	5.2	5.2	7.8	10.4	12.9	15.5
75°	0.0	2.6	2.6	2.6	5.2	5.2	5.2	5.2	7.8	7.8	10.4
72.5°	0.0	0.0	0.0	2.6	2.6	5.2	5.2	5.2	7.8	7.8	7.8
70°	0.0	0.0	0.0	2.6	2.6	5.2	5.2	5.2	7.8	7.8	7.8
67.5°	0.0	0.0	0.0	2.6	2.6	5.2	5.2	5.2	7.8	7.8	7.8
65°	0.0	0.0	0.0	2.6	2.6	5.2	5.2	7.8	7.8	7.8	7.8
62.5°	2.6	2.6	2.6	5.2	7.8	7.8	10.4	12.9	12.9	12.9	12.9
60°	25.9	28.5	31.1	31.1	28.5	28.5	31.1	31.1	31.1	31.1	31.1
57.5°	69.9	75.1	77.7	77.7	77.7	75.1	85.4	88.0	77.7	72.5	80.2
55°	243.3	251.1	245.9	238.2	222.6	204.5	199.3	196.7	199.3	186.4	165.7
52.5°	354.6	362.4	359.8	354.6	344.3	331.3	321.0	310.6	300.3	279.6	256.3
50°	460.8	463.4	460.8	455.6	445.2	432.3	411.6	388.3	367.6	362.4	341.7
47.5°	579.8	587.6	587.6	585.0	577.3	554.0	522.9	489.2	473.7	468.5	447.8
45°	686.0	691.2	693.7	696.3	693.7	670.4	642.0	623.9	590.2	579.8	579.8
42.5°	714.5	717.0	719.6	722.2	730.0	711.9	688.6	657.5	649.7	647.1	642.0
40°	724.8	719.6	722.2	724.8	727.4	714.5	696.3	678.2	673.0	667.9	667.9
37.5°	823.2	799.9	781.8	766.2	753.3	740.3	722.2	706.7	693.7	683.4	693.7
35°	701.5	701.5	719.6	735.2	750.7	766.2	768.8	750.7	722.2	709.3	727.4
32.5°	717.0	717.0	717.0	722.2	727.4	740.3	753.3	761.0	781.8	758.5	758.5
30°	732.6	735.2	740.3	742.9	735.2	730.0	724.8	724.8	737.7	771.4	789.5
27.5°	823.2	823.2	815.4	805.1	781.8	745.5	727.4	701.5	704.1	719.6	763.6
25°	970.7	965.5	947.4	921.5	880.1	828.4	779.2	724.8	701.5	693.7	711.9
22.5°	1110.5	1102.7	1079.4	1056.1	1022.5	970.7	887.9	805.1	732.6	701.5	693.7
20°	1289.1	1271.0	1245.1	1208.9	1154.5	1102.7	1030.3	921.5	815.4	735.2	704.1
17.5°	1576.5	1553.2	1504.0	1439.3	1346.1	1265.8	1162.3	1058.7	939.7	810.2	740.3
15°	2205.5	2145.9	2060.5	1881.9	1698.1	1545.4	1390.1	1216.6	1095.0	924.1	818.0
12.5°	3468.7	3305.6	3057.1	2640.4	2228.8	1874.1	1623.0	1400.4	1203.7	1045.8	895.7
10°	5870.9	5521.5	4835.5	3696.5	2938.1	2285.7	1835.3	1537.6	1289.1	1126.0	960.4
7.5°	14848.2	12112.0	8570.8	5852.8	3844.1	2793.1	2099.4	1667.1	1379.7	1177.8	1012.1
5°	57870.7	47671.6	25430.4	10613.2	5782.9	3378.1	2337.5	1770.6	1439.3	1216.6	1051.0
2.5°	183663.5	158605.9	83213.0	22847.0	7100.5	3805.2	2500.6	1835.3	1472.9	1245.1	1079.4
0°	263814.2	226098.4	116784.5	30048.4	7701.1	3914.0	2552.4	1848.3	1478.1	1250.3	1079.4
-2.5°	241345.2	211224.3	112813.6	27962.0	7869.3	3945.0	2593.8	1892.3	1516.9	1273.6	1087.2
-5°	143405.7	125787.7	78695.9	19937.4	6991.8	3662.9	2485.1	1853.4	1491.0	1260.6	1082.0
-7.5°	37783.2	32709.5	21516.4	10403.6	4524.9	3098.5	2283.1	1788.7	1457.4	1237.3	1061.3
-10°	9109.3	8633.0	7711.4	4726.8	3523.1	2588.6	2024.3	1672.2	1390.1	1206.3	1027.7
-12.5°	4392.8	4289.3	3893.2	3209.9	2614.5	2151.1	1832.7	1550.6	1327.9	1151.9	981.1
-15°	2857.8	2798.3	2663.7	2402.2	2099.4	1876.7	1654.1	1426.3	1250.3	1071.7	942.2
-17.5°	2114.9	2112.3	2045.0	1946.6	1796.5	1630.8	1467.7	1322.8	1151.9	999.2	900.8
-20°	1752.5	1752.5	1713.7	1648.9	1542.8	1434.1	1325.4	1190.8	1051.0	937.1	895.7

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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°	1488.4	1491.0	1470.3	1428.9	1372.0	1281.4	1175.2	1066.5	965.5	924.1	911.2
-25°	1317.6	1312.4	1289.1	1250.3	1190.8	1118.3	1048.4	975.9	947.4	937.1	955.2
-27.5°	1115.7	1123.5	1113.1	1095.0	1056.1	1004.4	988.8	968.1	973.3	988.8	1058.7
-30°	996.6	1004.4	1014.7	1022.5	1009.6	996.6	1001.8	1017.3	1051.0	1110.5	1136.4
-32.5°	996.6	999.2	1014.7	1030.3	1038.0	1048.4	1076.9	1128.6	1177.8	1162.3	1157.1
-35°	1087.2	1079.4	1100.2	1120.9	1149.3	1185.6	1216.6	1206.3	1188.2	1183.0	1188.2
-37.5°	1346.1	1296.9	1276.2	1263.2	1255.5	1250.3	1242.5	1234.8	1227.0	1221.8	1229.6
-40°	1343.5	1330.5	1317.6	1307.2	1299.5	1289.1	1283.9	1281.4	1273.6	1268.4	1263.2
-42.5°	1338.3	1343.5	1343.5	1340.9	1343.5	1340.9	1333.1	1322.8	1309.8	1299.5	1289.1
-45°	1377.1	1379.7	1384.9	1390.1	1397.8	1387.5	1372.0	1353.8	1335.7	1320.2	1307.2
-47.5°	1400.4	1403.0	1408.2	1416.0	1421.1	1410.8	1390.1	1366.8	1338.3	1312.4	1286.5
-50°	1408.2	1416.0	1418.6	1418.6	1416.0	1403.0	1372.0	1338.3	1307.2	1281.4	1258.1
-52.5°	1372.0	1379.7	1382.3	1377.1	1374.5	1361.6	1333.1	1302.1	1268.4	1250.3	1229.6
-55°	1312.4	1322.8	1330.5	1330.5	1330.5	1327.9	1302.1	1273.6	1247.7	1227.0	1206.3
-57.5°	1289.1	1307.2	1322.8	1325.4	1327.9	1330.5	1312.4	1283.9	1252.9	1221.8	1195.9
-60°	1374.5	1390.1	1397.8	1387.5	1379.7	1372.0	1343.5	1309.8	1278.8	1247.7	1198.5
-62.5°	1351.2	1377.1	1390.1	1382.3	1372.0	1359.0	1327.9	1289.1	1252.9	1219.2	1170.0
-65°	1276.2	1299.5	1315.0	1302.1	1286.5	1268.4	1239.9	1203.7	1170.0	1136.4	1092.4
-67.5°	1149.3	1183.0	1208.9	1180.4	1159.7	1136.4	1113.1	1082.0	1048.4	1009.6	968.1
-70°	950.0	975.9	999.2	991.4	986.3	981.1	965.5	934.5	906.0	874.9	838.7
-72.5°	763.6	786.9	807.6	794.7	784.3	768.8	745.5	711.9	678.2	644.6	610.9
-75°	421.9	429.7	437.5	434.9	434.9	434.9	434.9	437.5	432.3	424.5	409.0
-77.5°	323.6	333.9	341.7	346.9	354.6	365.0	372.8	359.8	346.9	333.9	318.4
-80°	253.7	264.0	271.8	300.3	321.0	344.3	359.8	341.7	323.6	308.0	295.1
-82.5°	191.6	199.3	207.1	222.6	233.0	245.9	256.3	256.3	253.7	251.1	243.3
-85°	139.8	150.1	160.5	165.7	173.4	173.4	176.0	165.7	155.3	147.5	137.2
-87.5°	80.2	82.8	82.8	82.8	85.4	85.4	85.4	80.2	77.7	72.5	69.9
-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°	2.6	2.6	2.6	5.2	5.2	7.8	7.8	10.4	10.4	12.9	12.9
85°	15.5	15.5	15.5	18.1	18.1	20.7	23.3	25.9	28.5	28.5	31.1
82.5°	25.9	28.5	31.1	33.7	36.2	38.8	41.4	44.0	51.8	56.9	59.5
80°	25.9	28.5	36.2	41.4	46.6	51.8	51.8	51.8	51.8	54.4	59.5
77.5°	18.1	20.7	23.3	28.5	41.4	51.8	59.5	64.7	59.5	56.9	51.8
75°	10.4	12.9	15.5	18.1	25.9	36.2	49.2	62.1	72.5	69.9	64.7
72.5°	10.4	10.4	12.9	15.5	18.1	20.7	23.3	36.2	51.8	64.7	72.5
70°	10.4	12.9	12.9	15.5	18.1	20.7	23.3	28.5	36.2	51.8	67.3
67.5°	10.4	12.9	12.9	18.1	23.3	25.9	28.5	25.9	23.3	33.7	49.2
65°	10.4	10.4	12.9	15.5	18.1	20.7	28.5	28.5	25.9	25.9	25.9
62.5°	15.5	15.5	15.5	15.5	18.1	18.1	18.1	23.3	23.3	23.3	23.3
60°	31.1	28.5	28.5	28.5	28.5	23.3	23.3	23.3	20.7	23.3	20.7
57.5°	75.1	62.1	56.9	56.9	49.2	46.6	38.8	28.5	28.5	23.3	23.3
55°	152.7	145.0	121.7	101.0	90.6	80.2	62.1	51.8	38.8	31.1	28.5
52.5°	235.6	214.9	194.1	168.3	142.4	121.7	103.5	80.2	64.7	46.6	36.2
50°	308.0	289.9	266.6	238.2	204.5	178.6	152.7	121.7	95.8	72.5	51.8
47.5°	419.4	383.1	354.6	321.0	282.2	245.9	212.3	176.0	134.6	106.1	80.2
45°	538.4	486.7	447.8	416.8	365.0	315.8	277.0	238.2	189.0	139.8	108.7
42.5°	621.3	582.4	530.7	489.2	442.6	390.9	339.1	297.7	245.9	189.0	139.8
40°	665.3	639.4	598.0	561.7	512.5	455.6	401.2	359.8	305.5	243.3	176.0
37.5°	698.9	686.0	665.3	636.8	590.2	522.9	468.5	419.4	372.8	300.3	227.8
35°	737.7	735.2	722.2	709.3	670.4	605.7	541.0	484.1	427.1	359.8	279.6
32.5°	774.0	771.4	763.6	758.5	742.9	686.0	616.1	551.4	486.7	416.8	328.8
30°	792.1	786.9	786.9	792.1	776.6	740.3	688.6	618.7	546.2	463.4	380.5
27.5°	792.1	786.9	789.5	797.3	794.7	776.6	737.7	680.8	600.6	507.4	427.1
25°	758.5	784.3	784.3	794.7	797.3	792.1	771.4	735.2	652.3	554.0	463.4
22.5°	711.9	774.0	797.3	794.7	797.3	810.2	812.8	779.2	701.5	600.6	499.6
20°	711.9	755.9	823.2	805.1	810.2	838.7	851.6	823.2	753.3	644.6	535.8
17.5°	727.4	755.9	812.8	841.3	849.1	872.4	893.1	874.9	799.9	691.2	585.0
15°	771.4	766.2	805.1	874.9	887.9	906.0	929.3	908.6	841.3	742.9	631.6
12.5°	802.5	774.0	805.1	880.1	921.5	939.7	947.4	931.9	877.5	789.5	678.2
10°	843.9	794.7	810.2	874.9	934.5	947.4	955.2	950.0	911.2	828.4	719.6
7.5°	874.9	805.1	805.1	867.2	947.4	957.8	963.0	968.1	939.7	862.0	755.9
5°	887.9	805.1	799.9	859.4	960.4	970.7	970.7	978.5	960.4	887.9	781.8
2.5°	890.5	802.5	794.7	854.2	983.7	983.7	978.5	986.3	975.9	903.4	799.9
0°	903.4	799.9	792.1	862.0	1009.6	999.2	986.3	988.8	983.7	911.2	810.2
-2.5°	903.4	812.8	802.5	867.2	1007.0	1004.4	999.2	1001.8	996.6	934.5	830.9
-5°	916.4	830.9	820.6	890.5	1004.4	1012.1	1014.7	1014.7	1007.0	950.0	843.9
-7.5°	919.0	843.9	841.3	913.8	1009.6	1022.5	1030.3	1035.4	1019.9	960.4	854.2
-10°	906.0	849.1	862.0	942.2	1014.7	1032.8	1048.4	1056.1	1030.3	965.5	859.4
-12.5°	877.5	849.1	882.7	978.5	1027.7	1048.4	1071.7	1074.3	1040.6	968.1	862.0
-15°	874.9	869.8	919.0	1014.7	1035.4	1061.3	1097.6	1089.8	1048.4	968.1	862.0
-17.5°	872.4	898.2	973.3	1027.7	1048.4	1076.9	1105.3	1097.6	1053.6	968.1	856.8
-20°	895.7	944.8	1038.0	1040.6	1063.9	1095.0	1110.5	1095.0	1045.8	960.4	849.1



REPORT NUMBER: P723727

CATALOG NUMBER: IFLD-S-SA3C-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	934.5	1027.7	1058.7	1069.1	1089.8	1113.1	1120.9	1097.6	1038.0	947.4	836.1
-25°	1032.8	1079.4	1079.4	1102.7	1123.5	1133.8	1126.0	1100.2	1027.7	934.5	823.2
-27.5°	1107.9	1105.3	1118.3	1141.6	1159.7	1159.7	1139.0	1087.2	1012.1	921.5	805.1
-30°	1136.4	1139.0	1157.1	1183.0	1188.2	1175.2	1144.2	1076.9	999.2	900.8	781.8
-32.5°	1164.9	1175.2	1198.5	1211.5	1214.1	1188.2	1131.2	1058.7	978.5	877.5	755.9
-35°	1198.5	1219.2	1232.2	1234.8	1221.8	1177.8	1113.1	1035.4	947.4	843.9	732.6
-37.5°	1242.5	1252.9	1260.6	1250.3	1214.1	1162.3	1082.0	1004.4	919.0	807.6	698.9
-40°	1271.0	1276.2	1278.8	1245.1	1201.1	1126.0	1048.4	968.1	869.8	766.2	662.7
-42.5°	1289.1	1283.9	1263.2	1227.0	1162.3	1089.8	1014.7	924.1	825.8	724.8	623.9
-45°	1283.9	1265.8	1234.8	1190.8	1123.5	1051.0	963.0	872.4	779.2	680.8	579.8
-47.5°	1263.2	1234.8	1195.9	1144.2	1082.0	994.0	906.0	818.0	727.4	631.6	538.4
-50°	1237.3	1203.7	1157.1	1092.4	1009.6	929.3	849.1	763.6	670.4	582.4	499.6
-52.5°	1208.9	1172.6	1113.1	1040.6	950.0	867.2	789.5	706.7	621.3	538.4	465.9
-55°	1177.8	1141.6	1074.3	991.4	900.8	810.2	735.2	665.3	582.4	502.2	437.5
-57.5°	1162.3	1115.7	1045.8	963.0	867.2	774.0	709.3	634.2	559.1	476.3	414.2
-60°	1149.3	1102.7	1038.0	942.2	851.6	763.6	688.6	616.1	535.8	458.2	396.1
-62.5°	1113.1	1063.9	1004.4	911.2	823.2	742.9	675.6	590.2	512.5	440.1	383.1
-65°	1040.6	988.8	937.1	854.2	774.0	698.9	631.6	554.0	481.5	419.4	370.2
-67.5°	926.7	882.7	836.1	766.2	698.9	631.6	569.5	502.2	442.6	398.6	372.8
-70°	799.9	753.3	706.7	649.7	592.8	538.4	489.2	440.1	401.2	377.9	357.2
-72.5°	582.4	561.7	538.4	494.4	447.8	414.2	390.9	370.2	341.7	321.0	308.0
-75°	388.3	359.8	323.6	308.0	310.6	305.5	292.5	277.0	264.0	256.3	238.2
-77.5°	302.9	287.3	269.2	251.1	243.3	235.6	225.2	212.3	201.9	183.8	157.9
-80°	279.6	266.6	253.7	240.7	227.8	209.7	189.0	168.3	157.9	150.1	147.5
-82.5°	230.4	214.9	199.3	186.4	168.3	155.3	142.4	132.0	132.0	129.4	126.8
-85°	132.0	126.8	119.1	113.9	108.7	101.0	93.2	88.0	85.4	82.8	80.2
-87.5°	67.3	64.7	59.5	56.9	54.4	51.8	46.6	44.0	41.4	41.4	38.8
-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: P723727

CATALOG NUMBER: IFLD-S-SA3C-740-U-11-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°	12.9	12.9	10.4	10.4	10.4	7.8	5.2	5.2	2.6	2.6	0.0
85°	31.1	25.9	23.3	20.7	20.7	15.5	10.4	7.8	5.2	2.6	2.6
82.5°	59.5	51.8	44.0	38.8	31.1	23.3	18.1	12.9	7.8	5.2	2.6
80°	67.3	67.3	64.7	54.4	44.0	33.7	23.3	15.5	10.4	7.8	5.2
77.5°	51.8	56.9	56.9	56.9	54.4	41.4	28.5	18.1	10.4	7.8	5.2
75°	59.5	51.8	49.2	51.8	49.2	41.4	33.7	20.7	12.9	10.4	5.2
72.5°	72.5	62.1	54.4	51.8	46.6	38.8	31.1	23.3	12.9	10.4	7.8
70°	67.3	64.7	59.5	54.4	46.6	38.8	31.1	23.3	15.5	10.4	7.8
67.5°	59.5	59.5	59.5	54.4	46.6	36.2	28.5	20.7	15.5	10.4	7.8
65°	41.4	49.2	54.4	51.8	46.6	36.2	28.5	20.7	15.5	12.9	7.8
62.5°	25.9	33.7	44.0	49.2	44.0	36.2	25.9	20.7	15.5	12.9	7.8
60°	23.3	25.9	31.1	38.8	41.4	33.7	25.9	18.1	15.5	12.9	7.8
57.5°	23.3	23.3	25.9	31.1	33.7	31.1	23.3	15.5	15.5	12.9	10.4
55°	25.9	23.3	23.3	25.9	28.5	28.5	23.3	15.5	15.5	12.9	10.4
52.5°	31.1	25.9	23.3	23.3	23.3	25.9	20.7	15.5	15.5	12.9	10.4
50°	38.8	31.1	28.5	23.3	23.3	23.3	20.7	15.5	12.9	12.9	10.4
47.5°	51.8	41.4	31.1	28.5	23.3	20.7	18.1	15.5	12.9	12.9	10.4
45°	77.7	49.2	41.4	31.1	25.9	23.3	20.7	15.5	12.9	12.9	10.4
42.5°	106.1	72.5	51.8	36.2	28.5	23.3	20.7	18.1	12.9	12.9	10.4
40°	134.6	98.4	64.7	46.6	33.7	25.9	20.7	18.1	15.5	12.9	10.4
37.5°	165.7	121.7	85.4	59.5	38.8	28.5	23.3	18.1	15.5	12.9	10.4
35°	204.5	152.7	106.1	72.5	46.6	33.7	25.9	18.1	15.5	12.9	10.4
32.5°	248.5	181.2	126.8	88.0	59.5	41.4	28.5	20.7	15.5	12.9	10.4
30°	289.9	214.9	150.1	106.1	72.5	46.6	31.1	20.7	15.5	12.9	7.8
27.5°	331.3	248.5	178.6	124.3	88.0	54.4	33.7	23.3	15.5	12.9	10.4
25°	372.8	282.2	207.1	142.4	101.0	64.7	41.4	25.9	15.5	12.9	10.4
22.5°	409.0	315.8	233.0	163.1	116.5	75.1	46.6	28.5	18.1	12.9	10.4
20°	450.4	352.0	261.4	186.4	129.4	85.4	51.8	31.1	18.1	12.9	10.4
17.5°	489.2	388.3	289.9	207.1	145.0	95.8	59.5	33.7	20.7	12.9	10.4
15°	528.1	421.9	315.8	227.8	160.5	106.1	64.7	36.2	23.3	12.9	10.4
12.5°	564.3	453.0	339.1	245.9	173.4	116.5	69.9	38.8	25.9	12.9	10.4
10°	598.0	481.5	362.4	261.4	186.4	124.3	75.1	44.0	28.5	12.9	10.4
7.5°	631.6	504.8	380.5	277.0	201.9	134.6	80.2	46.6	31.1	15.5	10.4
5°	652.3	525.5	396.1	289.9	214.9	145.0	85.4	49.2	33.7	15.5	10.4
2.5°	670.4	541.0	406.4	302.9	227.8	152.7	85.4	51.8	36.2	15.5	10.4
0°	680.8	551.4	414.2	310.6	238.2	157.9	88.0	54.4	38.8	15.5	10.4
-2.5°	704.1	569.5	432.3	321.0	248.5	173.4	93.2	56.9	41.4	18.1	10.4
-5°	719.6	579.8	445.2	331.3	256.3	189.0	101.0	62.1	46.6	23.3	12.9
-7.5°	732.6	590.2	455.6	336.5	264.0	194.1	103.5	64.7	49.2	25.9	12.9
-10°	735.2	595.4	463.4	344.3	269.2	201.9	106.1	67.3	51.8	28.5	12.9
-12.5°	737.7	600.6	465.9	349.5	274.4	207.1	108.7	69.9	54.4	31.1	12.9
-15°	735.2	598.0	465.9	354.6	277.0	201.9	113.9	72.5	56.9	33.7	12.9
-17.5°	730.0	595.4	463.4	352.0	274.4	196.7	116.5	77.7	56.9	36.2	15.5
-20°	722.2	587.6	458.2	349.5	271.8	191.6	119.1	80.2	59.5	36.2	15.5

REPORT NUMBER: P723727

CATALOG NUMBER: IFLD-S-SA3C-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	709.3	574.7	447.8	341.7	266.6	186.4	119.1	85.4	62.1	36.2	15.5
-25°	693.7	561.7	437.5	331.3	258.9	178.6	119.1	88.0	64.7	36.2	15.5
-27.5°	675.6	548.8	421.9	323.6	248.5	173.4	119.1	90.6	67.3	36.2	15.5
-30°	654.9	530.7	409.0	310.6	240.7	173.4	121.7	93.2	69.9	36.2	15.5
-32.5°	634.2	512.5	393.5	300.3	230.4	170.8	121.7	95.8	72.5	33.7	18.1
-35°	610.9	491.8	380.5	292.5	222.6	165.7	124.3	95.8	69.9	33.7	18.1
-37.5°	582.4	465.9	367.6	284.7	217.4	160.5	124.3	98.4	67.3	33.7	18.1
-40°	551.4	445.2	352.0	274.4	209.7	157.9	124.3	98.4	64.7	33.7	20.7
-42.5°	517.7	421.9	336.5	264.0	201.9	155.3	124.3	98.4	62.1	33.7	20.7
-45°	486.7	398.6	318.4	251.1	194.1	155.3	124.3	95.8	56.9	36.2	20.7
-47.5°	453.0	372.8	297.7	238.2	191.6	152.7	121.7	90.6	51.8	36.2	20.7
-50°	424.5	346.9	282.2	225.2	186.4	155.3	124.3	82.8	51.8	36.2	20.7
-52.5°	396.1	328.8	264.0	220.0	181.2	157.9	121.7	77.7	51.8	36.2	20.7
-55°	372.8	310.6	253.7	212.3	186.4	163.1	116.5	69.9	51.8	36.2	20.7
-57.5°	354.6	300.3	245.9	214.9	194.1	157.9	108.7	67.3	51.8	33.7	20.7
-60°	341.7	289.9	248.5	225.2	196.7	150.1	103.5	67.3	51.8	33.7	18.1
-62.5°	331.3	292.5	261.4	233.0	186.4	139.8	98.4	67.3	46.6	31.1	18.1
-65°	333.9	302.9	266.6	222.6	178.6	129.4	90.6	64.7	44.0	28.5	18.1
-67.5°	341.7	295.1	251.1	209.7	160.5	116.5	82.8	59.5	41.4	28.5	18.1
-70°	315.8	271.8	227.8	178.6	137.2	101.0	77.7	54.4	36.2	25.9	18.1
-72.5°	284.7	227.8	181.2	145.0	116.5	93.2	69.9	49.2	33.7	23.3	15.5
-75°	207.1	165.7	134.6	121.7	103.5	82.8	62.1	44.0	31.1	23.3	15.5
-77.5°	147.5	137.2	124.3	111.3	93.2	72.5	54.4	41.4	28.5	20.7	12.9
-80°	145.0	132.0	116.5	95.8	77.7	62.1	46.6	36.2	25.9	18.1	10.4
-82.5°	121.7	103.5	88.0	72.5	59.5	49.2	38.8	28.5	20.7	12.9	7.8
-85°	75.1	64.7	56.9	49.2	41.4	33.7	25.9	18.1	12.9	7.8	5.2
-87.5°	36.2	33.7	28.5	23.3	20.7	15.5	12.9	10.4	7.8	5.2	2.6
-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: P723727

CATALOG NUMBER: IFLD-S-SA3C-740-U-11-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°	2.6	0.0	0.0	0.0
80°	2.6	0.0	0.0	0.0
77.5°	2.6	0.0	0.0	0.0
75°	2.6	2.6	0.0	0.0
72.5°	2.6	2.6	0.0	0.0
70°	5.2	2.6	2.6	0.0
67.5°	5.2	2.6	2.6	0.0
65°	5.2	2.6	2.6	0.0
62.5°	5.2	2.6	2.6	0.0
60°	5.2	2.6	2.6	0.0
57.5°	5.2	2.6	2.6	0.0
55°	5.2	2.6	2.6	0.0
52.5°	5.2	2.6	2.6	0.0
50°	5.2	2.6	2.6	0.0
47.5°	5.2	5.2	2.6	0.0
45°	5.2	5.2	2.6	0.0
42.5°	5.2	5.2	2.6	0.0
40°	5.2	5.2	2.6	0.0
37.5°	5.2	5.2	2.6	0.0
35°	5.2	5.2	2.6	0.0
32.5°	7.8	5.2	2.6	0.0
30°	7.8	5.2	5.2	0.0
27.5°	7.8	5.2	5.2	0.0
25°	7.8	5.2	5.2	0.0
22.5°	7.8	5.2	5.2	0.0
20°	7.8	5.2	5.2	0.0
17.5°	7.8	5.2	5.2	0.0
15°	7.8	5.2	5.2	0.0
12.5°	7.8	5.2	5.2	0.0
10°	7.8	5.2	5.2	0.0
7.5°	7.8	5.2	5.2	0.0
5°	7.8	5.2	5.2	0.0
2.5°	7.8	5.2	5.2	0.0
0°	7.8	5.2	5.2	0.0
-2.5°	7.8	5.2	5.2	0.0
-5°	7.8	5.2	5.2	0.0
-7.5°	7.8	5.2	5.2	0.0
-10°	7.8	5.2	5.2	0.0
-12.5°	10.4	5.2	5.2	0.0
-15°	10.4	5.2	5.2	0.0
-17.5°	10.4	5.2	5.2	0.0
-20°	10.4	5.2	5.2	0.0

REPORT NUMBER: P723727

CATALOG NUMBER: IFLD-S-SA3C-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	10.4	5.2	5.2	0.0
-25°	10.4	5.2	5.2	0.0
-27.5°	10.4	5.2	5.2	0.0
-30°	10.4	5.2	5.2	0.0
-32.5°	10.4	5.2	5.2	0.0
-35°	10.4	5.2	5.2	0.0
-37.5°	10.4	5.2	5.2	0.0
-40°	10.4	5.2	5.2	0.0
-42.5°	7.8	5.2	2.6	0.0
-45°	10.4	5.2	2.6	0.0
-47.5°	10.4	5.2	2.6	0.0
-50°	10.4	5.2	2.6	0.0
-52.5°	10.4	5.2	2.6	0.0
-55°	10.4	5.2	2.6	0.0
-57.5°	10.4	5.2	2.6	0.0
-60°	10.4	5.2	2.6	0.0
-62.5°	10.4	5.2	2.6	0.0
-65°	10.4	5.2	2.6	0.0
-67.5°	10.4	5.2	2.6	0.0
-70°	10.4	2.6	2.6	0.0
-72.5°	7.8	2.6	2.6	0.0
-75°	7.8	2.6	2.6	0.0
-77.5°	5.2	2.6	0.0	0.0
-80°	5.2	2.6	0.0	0.0
-82.5°	5.2	2.6	0.0	0.0
-85°	2.6	0.0	0.0	0.0
-87.5°	2.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)