

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: P723699

Luminaire Tested: **IFLD-S-SA3D-735-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723699
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-735-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	12169.4 lumens	Max Intensity:	286303.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	66.1 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:	4413.1 lumens	Field Lumens:	7035.4 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

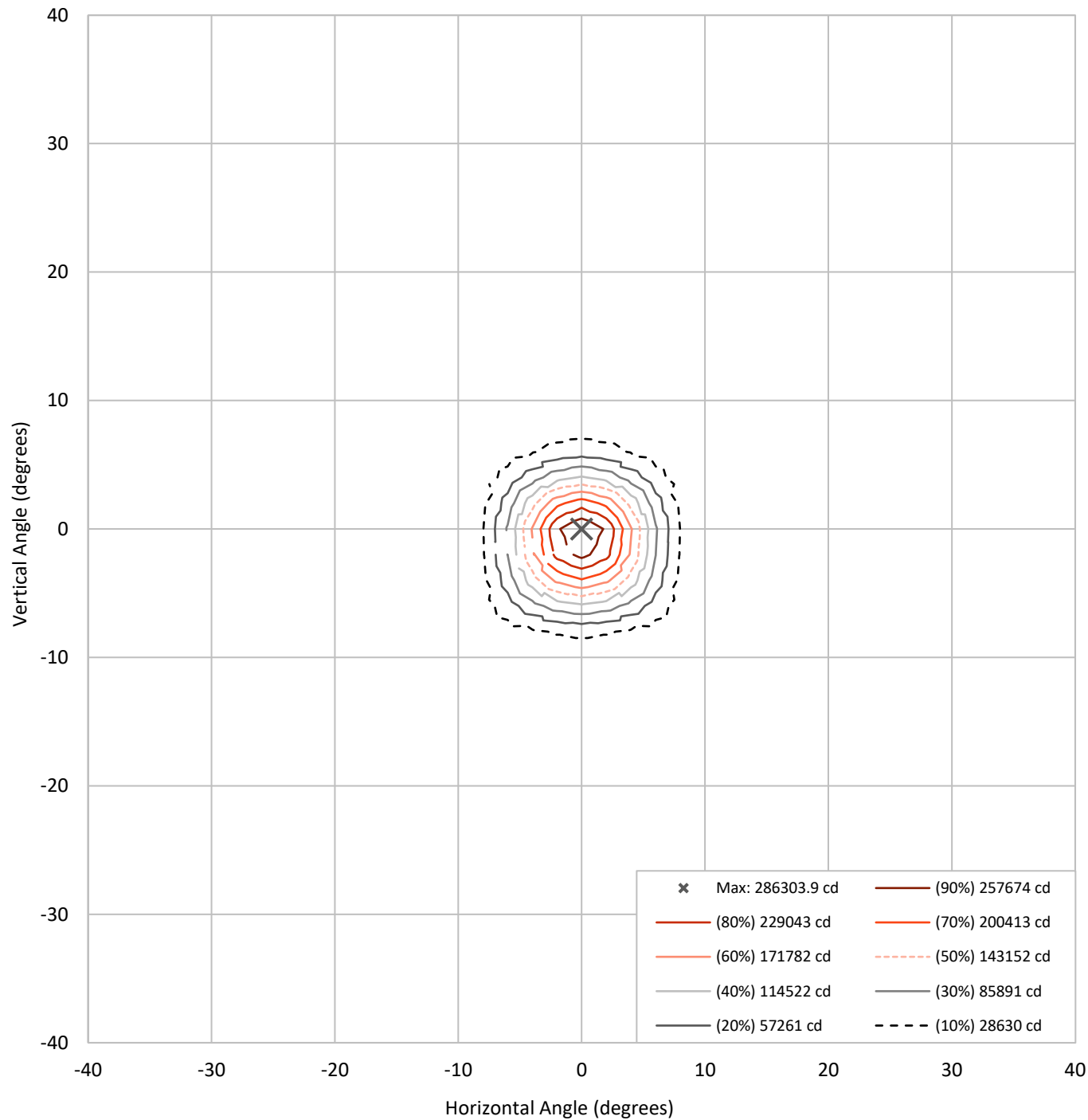
Input Watts (W): 184.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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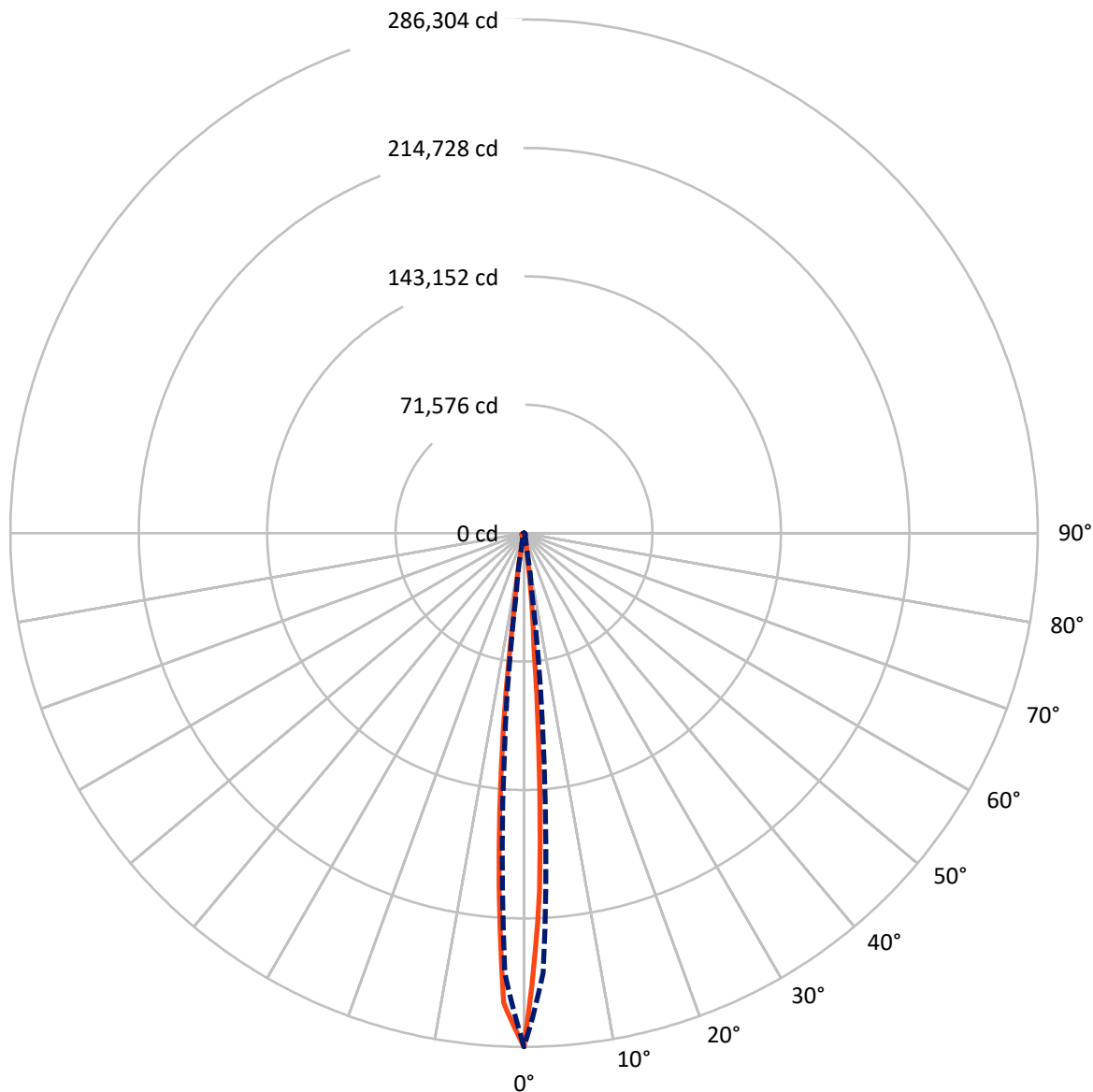
Lumen Table

Vertical Angle (degrees)																
	0.2	2.7		2.9		1.1		0.3		1.1		2.9		2.7		0.2
90																
80	0.2	2.7		2.9		1.1		0.3		1.1		2.9		2.7		0.2
70																
60	0.3	0.6	0.8	0.6	0.5	0.4	0.3	0.2	0.2	0.3	0.4	0.5	0.6	0.8	0.6	0.3
50		0.4	0.6	1.4	3.1	5.1	6.6	7.6	7.6	6.6	5.1	3.1	1.4	0.6	0.4	
40	0.3	0.4	1.7	5.5	10.9	16.0	19.2	21.3	21.3	19.2	16.0	10.9	5.5	1.7	0.4	0.3
30		0.8	4.2	11.4	18.5	21.7	23.5	24.3	24.3	23.5	21.7	18.5	11.4	4.2	0.8	
20	0.5	1.6	7.2	16.6	21.4	22.1	26.1	31.4	31.4	26.1	22.1	21.4	16.6	7.2	1.6	0.5
10		2.5	10.1	20.4	22.9	25.8	45.3	77.2	77.2	45.3	25.8	22.9	20.4	10.1	2.5	
0	0.8	3.2	12.4	22.4	23.7	31.8	86.2	1597.6	1597.6	86.2	31.8	23.7	22.4	12.4	3.2	0.8
-10		3.8	13.6	23.5	24.6	32.9	92.9	2329.4	2329.4	92.9	32.9	24.6	23.5	13.6	3.8	
-20	1.2	4.0	13.9	24.7	26.6	29.7	54.0	103.6	103.6	54.0	29.7	26.6	24.7	13.9	4.0	1.2
-30		3.8	13.2	25.0	29.9	29.9	35.0	42.7	42.7	35.0	29.9	29.9	25.0	13.2	3.8	
-40	1.3	3.4	11.7	24.0	32.9	35.8	37.3	37.6	37.6	37.3	35.8	32.9	24.0	11.7	3.4	1.3
-50		2.9	9.4	20.3	31.7	38.5	43.2	45.3	45.3	43.2	38.5	31.7	20.3	9.4	2.9	
-60	1.0	2.7	7.3	15.8	27.0	36.3	42.2	44.6	44.6	42.2	36.3	27.0	15.8	7.3	2.7	1.0
-70		2.5	6.4	12.8	22.5	31.7	38.4	41.5	41.5	38.4	31.7	22.5	12.8	6.4	2.5	
-80	0.5	7.5		22.4		41.5		45.8		41.5		22.4		7.5		0.5
-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



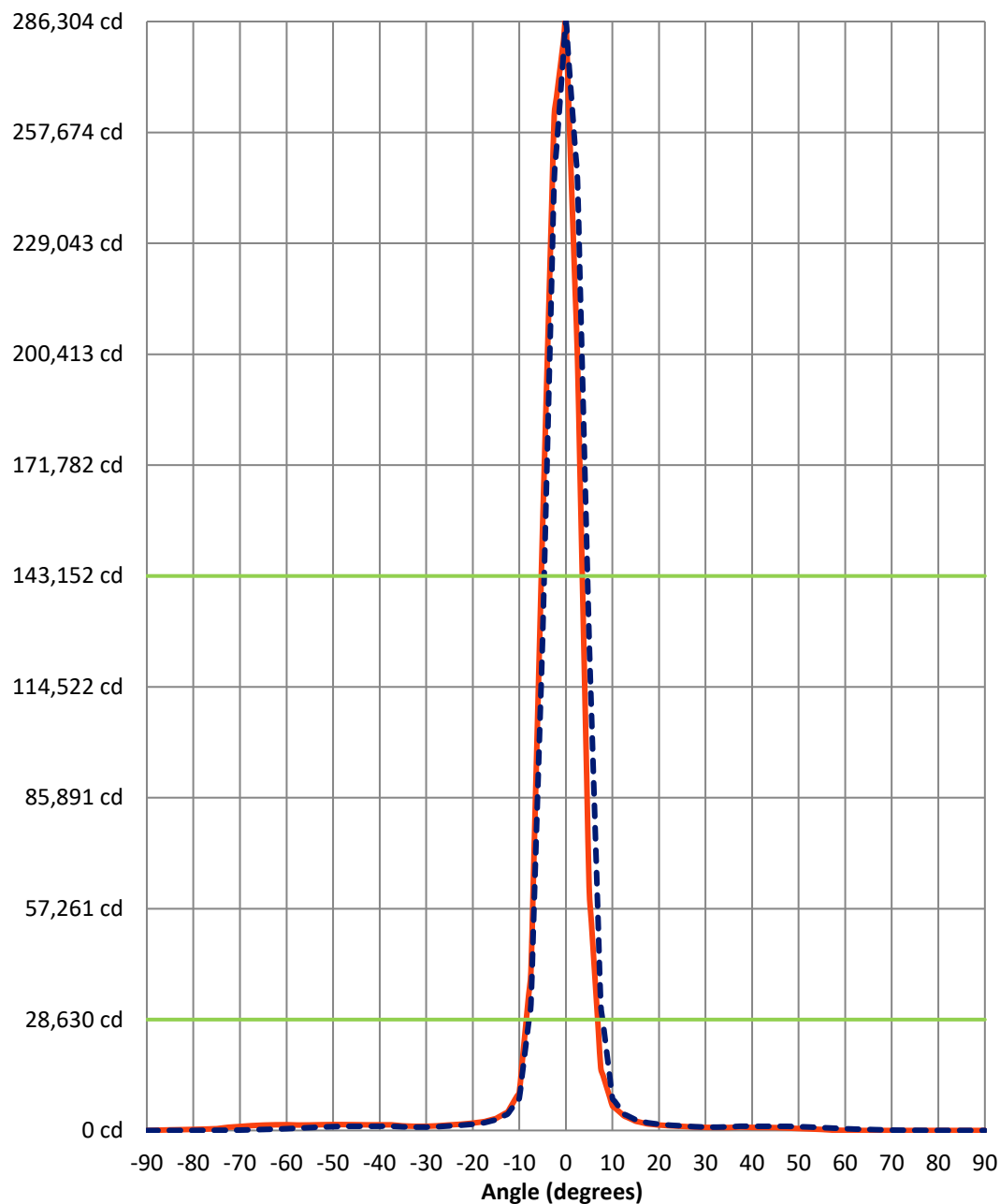
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 4413.1

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 7035.4

Efficiency: 57.8%

Spill:

Lumens: 5134

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	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
85°	0.0	2.8	2.8	5.6	5.6	5.6	8.4	11.2	14.0	14.0	16.9
82.5°	0.0	2.8	2.8	5.6	5.6	8.4	8.4	14.0	16.9	19.7	25.3
80°	2.8	2.8	2.8	5.6	5.6	8.4	8.4	11.2	14.0	19.7	22.5
77.5°	0.0	2.8	2.8	2.8	5.6	5.6	5.6	8.4	11.2	14.0	16.9
75°	0.0	2.8	2.8	2.8	5.6	5.6	5.6	5.6	8.4	8.4	11.2
72.5°	0.0	0.0	0.0	2.8	2.8	5.6	5.6	5.6	8.4	8.4	8.4
70°	0.0	0.0	0.0	2.8	2.8	5.6	5.6	5.6	8.4	8.4	8.4
67.5°	0.0	0.0	0.0	2.8	2.8	5.6	5.6	5.6	8.4	8.4	8.4
65°	0.0	0.0	0.0	2.8	2.8	5.6	5.6	8.4	8.4	8.4	8.4
62.5°	2.8	2.8	2.8	5.6	8.4	8.4	11.2	14.0	14.0	14.0	14.0
60°	28.1	30.9	33.7	33.7	30.9	30.9	33.7	33.7	33.7	33.7	33.7
57.5°	75.9	81.5	84.3	84.3	84.3	81.5	92.7	95.5	84.3	78.7	87.1
55°	264.1	272.5	266.9	258.5	241.6	221.9	216.3	213.5	216.3	202.3	179.8
52.5°	384.9	393.3	390.5	384.9	373.6	359.6	348.3	337.1	325.9	303.4	278.1
50°	500.0	502.9	500.0	494.4	483.2	469.1	446.7	421.4	398.9	393.3	370.8
47.5°	629.3	637.7	637.7	634.9	626.5	601.2	567.5	531.0	514.1	508.5	486.0
45°	744.5	750.1	752.9	755.7	752.9	727.6	696.7	677.0	640.5	629.3	629.3
42.5°	775.4	778.2	781.0	783.8	792.2	772.5	747.3	713.6	705.1	702.3	696.7
40°	786.6	781.0	783.8	786.6	789.4	775.4	755.7	736.0	730.4	724.8	724.8
37.5°	893.3	868.1	848.4	831.5	817.5	803.5	783.8	766.9	752.9	741.6	752.9
35°	761.3	761.3	781.0	797.8	814.7	831.5	834.4	814.7	783.8	769.7	789.4
32.5°	778.2	778.2	778.2	783.8	789.4	803.5	817.5	825.9	848.4	823.1	823.1
30°	795.0	797.8	803.5	806.3	797.8	792.2	786.6	786.6	800.6	837.2	856.8
27.5°	893.3	893.3	884.9	873.7	848.4	809.1	789.4	761.3	764.1	781.0	828.7
25°	1053.5	1047.9	1028.2	1000.1	955.2	899.0	845.6	786.6	761.3	752.9	772.5
22.5°	1205.2	1196.7	1171.5	1146.2	1109.7	1053.5	963.6	873.7	795.0	761.3	752.9
20°	1399.0	1379.4	1351.3	1311.9	1252.9	1196.7	1118.1	1000.1	884.9	797.8	764.1
17.5°	1710.8	1685.6	1632.2	1562.0	1460.8	1373.7	1261.4	1149.0	1019.8	879.3	803.5
15°	2393.5	2328.9	2236.2	2042.3	1842.9	1677.1	1508.6	1320.4	1188.3	1002.9	887.7
12.5°	3764.4	3587.4	3317.7	2865.5	2418.8	2033.9	1761.4	1519.8	1306.3	1134.9	972.0
10°	6371.4	5992.2	5247.7	4011.6	3188.5	2480.6	1991.8	1668.7	1399.0	1222.0	1042.2
7.5°	16114.0	13144.6	9301.5	6351.8	4171.8	3031.2	2278.3	1809.2	1497.3	1278.2	1098.4
5°	62804.0	51735.5	27598.3	11518.0	6275.9	3666.1	2536.8	1921.5	1562.0	1320.4	1140.6
2.5°	199320.5	172126.8	90306.8	24794.6	7705.8	4129.6	2713.8	1991.8	1598.5	1351.3	1171.5
0°	286303.9	245372.8	126740.2	32610.0	8357.6	4247.6	2769.9	2005.8	1604.1	1356.9	1171.5
-2.5°	261919.4	229230.8	122430.8	30345.7	8540.2	4281.3	2814.9	2053.6	1646.2	1382.2	1179.9
-5°	155630.7	136510.8	85404.6	21637.0	7587.8	3975.1	2696.9	2011.4	1618.1	1368.1	1174.3
-7.5°	41004.1	35497.9	23350.6	11290.5	4910.6	3362.7	2477.8	1941.2	1581.6	1342.8	1151.8
-10°	9885.8	9368.9	8368.8	5129.7	3823.4	2809.3	2196.8	1814.8	1508.6	1309.1	1115.3
-12.5°	4767.3	4655.0	4225.1	3483.5	2837.4	2334.5	1989.0	1682.8	1441.2	1250.1	1064.7
-15°	3101.4	3036.8	2890.7	2607.0	2278.3	2036.7	1795.1	1547.9	1356.9	1163.0	1022.6
-17.5°	2295.2	2292.4	2219.3	2112.6	1949.6	1769.8	1592.9	1435.5	1250.1	1084.4	977.6
-20°	1901.9	1901.9	1859.7	1789.5	1674.3	1556.3	1438.3	1292.3	1140.6	1017.0	972.0

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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°	1615.3	1618.1	1595.7	1550.7	1488.9	1390.6	1275.4	1157.4	1047.9	1002.9	988.9
-25°	1429.9	1424.3	1399.0	1356.9	1292.3	1213.6	1137.8	1059.1	1028.2	1017.0	1036.6
-27.5°	1210.8	1219.2	1208.0	1188.3	1146.2	1090.0	1073.1	1050.7	1056.3	1073.1	1149.0
-30°	1081.6	1090.0	1101.2	1109.7	1095.6	1081.6	1087.2	1104.0	1140.6	1205.2	1233.3
-32.5°	1081.6	1084.4	1101.2	1118.1	1126.5	1137.8	1168.7	1224.8	1278.2	1261.4	1255.7
-35°	1179.9	1171.5	1193.9	1216.4	1247.3	1286.6	1320.4	1309.1	1289.5	1283.8	1289.5
-37.5°	1460.8	1407.4	1385.0	1370.9	1362.5	1356.9	1348.4	1340.0	1331.6	1326.0	1334.4
-40°	1458.0	1444.0	1429.9	1418.7	1410.3	1399.0	1393.4	1390.6	1382.2	1376.5	1370.9
-42.5°	1452.4	1458.0	1458.0	1455.2	1458.0	1455.2	1446.8	1435.5	1421.5	1410.3	1399.0
-45°	1494.5	1497.3	1503.0	1508.6	1517.0	1505.8	1488.9	1469.2	1449.6	1432.7	1418.7
-47.5°	1519.8	1522.6	1528.2	1536.7	1542.3	1531.1	1508.6	1483.3	1452.4	1424.3	1396.2
-50°	1528.2	1536.7	1539.5	1539.5	1536.7	1522.6	1488.9	1452.4	1418.7	1390.6	1365.3
-52.5°	1488.9	1497.3	1500.1	1494.5	1491.7	1477.7	1446.8	1413.1	1376.5	1356.9	1334.4
-55°	1424.3	1435.5	1444.0	1444.0	1444.0	1441.2	1413.1	1382.2	1354.1	1331.6	1309.1
-57.5°	1399.0	1418.7	1435.5	1438.3	1441.2	1444.0	1424.3	1393.4	1359.7	1326.0	1297.9
-60°	1491.7	1508.6	1517.0	1505.8	1497.3	1488.9	1458.0	1421.5	1387.8	1354.1	1300.7
-62.5°	1466.4	1494.5	1508.6	1500.1	1488.9	1474.9	1441.2	1399.0	1359.7	1323.2	1269.8
-65°	1385.0	1410.3	1427.1	1413.1	1396.2	1376.5	1345.6	1306.3	1269.8	1233.3	1185.5
-67.5°	1247.3	1283.8	1311.9	1281.0	1258.6	1233.3	1208.0	1174.3	1137.8	1095.6	1050.7
-70°	1031.0	1059.1	1084.4	1076.0	1070.3	1064.7	1047.9	1014.1	983.2	949.5	910.2
-72.5°	828.7	854.0	876.5	862.4	851.2	834.4	809.1	772.5	736.0	699.5	663.0
-75°	457.9	466.3	474.8	472.0	472.0	472.0	472.0	474.8	469.1	460.7	443.9
-77.5°	351.2	362.4	370.8	376.4	384.9	396.1	404.5	390.5	376.4	362.4	345.5
-80°	275.3	286.5	295.0	325.9	348.3	373.6	390.5	370.8	351.2	334.3	320.3
-82.5°	207.9	216.3	224.7	241.6	252.8	266.9	278.1	278.1	275.3	272.5	264.1
-85°	151.7	162.9	174.2	179.8	188.2	188.2	191.0	179.8	168.6	160.1	148.9
-87.5°	87.1	89.9	89.9	89.9	92.7	92.7	92.7	87.1	84.3	78.7	75.9
-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°	2.8	2.8	2.8	5.6	5.6	8.4	8.4	11.2	11.2	14.0	14.0
85°	16.9	16.9	16.9	19.7	19.7	22.5	25.3	28.1	30.9	30.9	33.7
82.5°	28.1	30.9	33.7	36.5	39.3	42.1	44.9	47.8	56.2	61.8	64.6
80°	28.1	30.9	39.3	44.9	50.6	56.2	56.2	56.2	56.2	59.0	64.6
77.5°	19.7	22.5	25.3	30.9	44.9	56.2	64.6	70.2	64.6	61.8	56.2
75°	11.2	14.0	16.9	19.7	28.1	39.3	53.4	67.4	78.7	75.9	70.2
72.5°	11.2	11.2	14.0	16.9	19.7	22.5	25.3	39.3	56.2	70.2	78.7
70°	11.2	14.0	14.0	16.9	19.7	22.5	25.3	30.9	39.3	56.2	73.0
67.5°	11.2	14.0	14.0	19.7	25.3	28.1	30.9	28.1	25.3	36.5	53.4
65°	11.2	11.2	14.0	16.9	19.7	22.5	30.9	30.9	28.1	28.1	28.1
62.5°	16.9	16.9	16.9	16.9	19.7	19.7	19.7	25.3	25.3	25.3	25.3
60°	33.7	30.9	30.9	30.9	30.9	25.3	25.3	25.3	22.5	25.3	22.5
57.5°	81.5	67.4	61.8	61.8	53.4	50.6	42.1	30.9	30.9	25.3	25.3
55°	165.7	157.3	132.0	109.6	98.3	87.1	67.4	56.2	42.1	33.7	30.9
52.5°	255.6	233.2	210.7	182.6	154.5	132.0	112.4	87.1	70.2	50.6	39.3
50°	334.3	314.6	289.4	258.5	221.9	193.8	165.7	132.0	103.9	78.7	56.2
47.5°	455.1	415.8	384.9	348.3	306.2	266.9	230.4	191.0	146.1	115.2	87.1
45°	584.3	528.1	486.0	452.3	396.1	342.7	300.6	258.5	205.1	151.7	118.0
42.5°	674.2	632.1	575.9	531.0	480.4	424.2	368.0	323.1	266.9	205.1	151.7
40°	722.0	693.9	648.9	609.6	556.2	494.4	435.4	390.5	331.5	264.1	191.0
37.5°	758.5	744.5	722.0	691.1	640.5	567.5	508.5	455.1	404.5	325.9	247.2
35°	800.6	797.8	783.8	769.7	727.6	657.4	587.1	525.3	463.5	390.5	303.4
32.5°	840.0	837.2	828.7	823.1	806.3	744.5	668.6	598.4	528.1	452.3	356.8
30°	859.6	854.0	854.0	859.6	842.8	803.5	747.3	671.4	592.8	502.9	413.0
27.5°	859.6	854.0	856.8	865.3	862.4	842.8	800.6	738.8	651.8	550.6	463.5
25°	823.1	851.2	851.2	862.4	865.3	859.6	837.2	797.8	707.9	601.2	502.9
22.5°	772.5	840.0	865.3	862.4	865.3	879.3	882.1	845.6	761.3	651.8	542.2
20°	772.5	820.3	893.3	873.7	879.3	910.2	924.2	893.3	817.5	699.5	581.5
17.5°	789.4	820.3	882.1	913.0	921.4	946.7	969.2	949.5	868.1	750.1	634.9
15°	837.2	831.5	873.7	949.5	963.6	983.2	1008.5	986.1	913.0	806.3	685.5
12.5°	870.9	840.0	873.7	955.2	1000.1	1019.8	1028.2	1011.3	952.3	856.8	736.0
10°	915.8	862.4	879.3	949.5	1014.1	1028.2	1036.6	1031.0	988.9	899.0	781.0
7.5°	949.5	873.7	873.7	941.1	1028.2	1039.4	1045.0	1050.7	1019.8	935.5	820.3
5°	963.6	873.7	868.1	932.7	1042.2	1053.5	1053.5	1061.9	1042.2	963.6	848.4
2.5°	966.4	870.9	862.4	927.1	1067.5	1067.5	1061.9	1070.3	1059.1	980.4	868.1
0°	980.4	868.1	859.6	935.5	1095.6	1084.4	1070.3	1073.1	1067.5	988.9	879.3
-2.5°	980.4	882.1	870.9	941.1	1092.8	1090.0	1084.4	1087.2	1081.6	1014.1	901.8
-5°	994.5	901.8	890.5	966.4	1090.0	1098.4	1101.2	1101.2	1092.8	1031.0	915.8
-7.5°	997.3	915.8	913.0	991.7	1095.6	1109.7	1118.1	1123.7	1106.9	1042.2	927.1
-10°	983.2	921.4	935.5	1022.6	1101.2	1120.9	1137.8	1146.2	1118.1	1047.9	932.7
-12.5°	952.3	921.4	958.0	1061.9	1115.3	1137.8	1163.0	1165.8	1129.3	1050.7	935.5
-15°	949.5	943.9	997.3	1101.2	1123.7	1151.8	1191.1	1182.7	1137.8	1050.7	935.5
-17.5°	946.7	974.8	1056.3	1115.3	1137.8	1168.7	1199.6	1191.1	1143.4	1050.7	929.9
-20°	972.0	1025.4	1126.5	1129.3	1154.6	1188.3	1205.2	1188.3	1134.9	1042.2	921.4

REPORT NUMBER: P723699

CATALOG NUMBER: IFLD-S-SA3D-735-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°	1014.1	1115.3	1149.0	1160.2	1182.7	1208.0	1216.4	1191.1	1126.5	1028.2	907.4
-25°	1120.9	1171.5	1171.5	1196.7	1219.2	1230.5	1222.0	1193.9	1115.3	1014.1	893.3
-27.5°	1202.4	1199.6	1213.6	1238.9	1258.6	1258.6	1236.1	1179.9	1098.4	1000.1	873.7
-30°	1233.3	1236.1	1255.7	1283.8	1289.5	1275.4	1241.7	1168.7	1084.4	977.6	848.4
-32.5°	1264.2	1275.4	1300.7	1314.7	1317.5	1289.5	1227.7	1149.0	1061.9	952.3	820.3
-35°	1300.7	1323.2	1337.2	1340.0	1326.0	1278.2	1208.0	1123.7	1028.2	915.8	795.0
-37.5°	1348.4	1359.7	1368.1	1356.9	1317.5	1261.4	1174.3	1090.0	997.3	876.5	758.5
-40°	1379.4	1385.0	1387.8	1351.3	1303.5	1222.0	1137.8	1050.7	943.9	831.5	719.2
-42.5°	1399.0	1393.4	1370.9	1331.6	1261.4	1182.7	1101.2	1002.9	896.2	786.6	677.0
-45°	1393.4	1373.7	1340.0	1292.3	1219.2	1140.6	1045.0	946.7	845.6	738.8	629.3
-47.5°	1370.9	1340.0	1297.9	1241.7	1174.3	1078.8	983.2	887.7	789.4	685.5	584.3
-50°	1342.8	1306.3	1255.7	1185.5	1095.6	1008.5	921.4	828.7	727.6	632.1	542.2
-52.5°	1311.9	1272.6	1208.0	1129.3	1031.0	941.1	856.8	766.9	674.2	584.3	505.7
-55°	1278.2	1238.9	1165.8	1076.0	977.6	879.3	797.8	722.0	632.1	545.0	474.8
-57.5°	1261.4	1210.8	1134.9	1045.0	941.1	840.0	769.7	688.3	606.8	516.9	449.5
-60°	1247.3	1196.7	1126.5	1022.6	924.2	828.7	747.3	668.6	581.5	497.2	429.8
-62.5°	1208.0	1154.6	1090.0	988.9	893.3	806.3	733.2	640.5	556.2	477.6	415.8
-65°	1129.3	1073.1	1017.0	927.1	840.0	758.5	685.5	601.2	522.5	455.1	401.7
-67.5°	1005.7	958.0	907.4	831.5	758.5	685.5	618.0	545.0	480.4	432.6	404.5
-70°	868.1	817.5	766.9	705.1	643.3	584.3	531.0	477.6	435.4	410.2	387.7
-72.5°	632.1	609.6	584.3	536.6	486.0	449.5	424.2	401.7	370.8	348.3	334.3
-75°	421.4	390.5	351.2	334.3	337.1	331.5	317.4	300.6	286.5	278.1	258.5
-77.5°	328.7	311.8	292.2	272.5	264.1	255.6	244.4	230.4	219.1	199.5	171.4
-80°	303.4	289.4	275.3	261.3	247.2	227.6	205.1	182.6	171.4	162.9	160.1
-82.5°	250.0	233.2	216.3	202.3	182.6	168.6	154.5	143.3	143.3	140.5	137.7
-85°	143.3	137.7	129.2	123.6	118.0	109.6	101.1	95.5	92.7	89.9	87.1
-87.5°	73.0	70.2	64.6	61.8	59.0	56.2	50.6	47.8	44.9	44.9	42.1
-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-S-SA3D-735-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°	14.0	14.0	11.2	11.2	11.2	8.4	5.6	5.6	2.8	2.8	0.0
85°	33.7	28.1	25.3	22.5	22.5	16.9	11.2	8.4	5.6	2.8	2.8
82.5°	64.6	56.2	47.8	42.1	33.7	25.3	19.7	14.0	8.4	5.6	2.8
80°	73.0	73.0	70.2	59.0	47.8	36.5	25.3	16.9	11.2	8.4	5.6
77.5°	56.2	61.8	61.8	61.8	59.0	44.9	30.9	19.7	11.2	8.4	5.6
75°	64.6	56.2	53.4	56.2	53.4	44.9	36.5	22.5	14.0	11.2	5.6
72.5°	78.7	67.4	59.0	56.2	50.6	42.1	33.7	25.3	14.0	11.2	8.4
70°	73.0	70.2	64.6	59.0	50.6	42.1	33.7	25.3	16.9	11.2	8.4
67.5°	64.6	64.6	64.6	59.0	50.6	39.3	30.9	22.5	16.9	11.2	8.4
65°	44.9	53.4	59.0	56.2	50.6	39.3	30.9	22.5	16.9	14.0	8.4
62.5°	28.1	36.5	47.8	53.4	47.8	39.3	28.1	22.5	16.9	14.0	8.4
60°	25.3	28.1	33.7	42.1	44.9	36.5	28.1	19.7	16.9	14.0	8.4
57.5°	25.3	25.3	28.1	33.7	36.5	33.7	25.3	16.9	16.9	14.0	11.2
55°	28.1	25.3	25.3	28.1	30.9	30.9	25.3	16.9	16.9	14.0	11.2
52.5°	33.7	28.1	25.3	25.3	25.3	28.1	22.5	16.9	16.9	14.0	11.2
50°	42.1	33.7	30.9	25.3	25.3	25.3	22.5	16.9	14.0	14.0	11.2
47.5°	56.2	44.9	33.7	30.9	25.3	22.5	19.7	16.9	14.0	14.0	11.2
45°	84.3	53.4	44.9	33.7	28.1	25.3	22.5	16.9	14.0	14.0	11.2
42.5°	115.2	78.7	56.2	39.3	30.9	25.3	22.5	19.7	14.0	14.0	11.2
40°	146.1	106.8	70.2	50.6	36.5	28.1	22.5	19.7	16.9	14.0	11.2
37.5°	179.8	132.0	92.7	64.6	42.1	30.9	25.3	19.7	16.9	14.0	11.2
35°	221.9	165.7	115.2	78.7	50.6	36.5	28.1	19.7	16.9	14.0	11.2
32.5°	269.7	196.6	137.7	95.5	64.6	44.9	30.9	22.5	16.9	14.0	11.2
30°	314.6	233.2	162.9	115.2	78.7	50.6	33.7	22.5	16.9	14.0	8.4
27.5°	359.6	269.7	193.8	134.8	95.5	59.0	36.5	25.3	16.9	14.0	11.2
25°	404.5	306.2	224.7	154.5	109.6	70.2	44.9	28.1	16.9	14.0	11.2
22.5°	443.9	342.7	252.8	177.0	126.4	81.5	50.6	30.9	19.7	14.0	11.2
20°	488.8	382.1	283.7	202.3	140.5	92.7	56.2	33.7	19.7	14.0	11.2
17.5°	531.0	421.4	314.6	224.7	157.3	103.9	64.6	36.5	22.5	14.0	11.2
15°	573.1	457.9	342.7	247.2	174.2	115.2	70.2	39.3	25.3	14.0	11.2
12.5°	612.4	491.6	368.0	266.9	188.2	126.4	75.9	42.1	28.1	14.0	11.2
10°	648.9	522.5	393.3	283.7	202.3	134.8	81.5	47.8	30.9	14.0	11.2
7.5°	685.5	547.8	413.0	300.6	219.1	146.1	87.1	50.6	33.7	16.9	11.2
5°	707.9	570.3	429.8	314.6	233.2	157.3	92.7	53.4	36.5	16.9	11.2
2.5°	727.6	587.1	441.1	328.7	247.2	165.7	92.7	56.2	39.3	16.9	11.2
0°	738.8	598.4	449.5	337.1	258.5	171.4	95.5	59.0	42.1	16.9	11.2
-2.5°	764.1	618.0	469.1	348.3	269.7	188.2	101.1	61.8	44.9	19.7	11.2
-5°	781.0	629.3	483.2	359.6	278.1	205.1	109.6	67.4	50.6	25.3	14.0
-7.5°	795.0	640.5	494.4	365.2	286.5	210.7	112.4	70.2	53.4	28.1	14.0
-10°	797.8	646.1	502.9	373.6	292.2	219.1	115.2	73.0	56.2	30.9	14.0
-12.5°	800.6	651.8	505.7	379.3	297.8	224.7	118.0	75.9	59.0	33.7	14.0
-15°	797.8	648.9	505.7	384.9	300.6	219.1	123.6	78.7	61.8	36.5	14.0
-17.5°	792.2	646.1	502.9	382.1	297.8	213.5	126.4	84.3	61.8	39.3	16.9
-20°	783.8	637.7	497.2	379.3	295.0	207.9	129.2	87.1	64.6	39.3	16.9

REPORT NUMBER: P723699

CATALOG NUMBER: IFLD-S-SA3D-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	769.7	623.7	486.0	370.8	289.4	202.3	129.2	92.7	67.4	39.3	16.9
-25°	752.9	609.6	474.8	359.6	280.9	193.8	129.2	95.5	70.2	39.3	16.9
-27.5°	733.2	595.6	457.9	351.2	269.7	188.2	129.2	98.3	73.0	39.3	16.9
-30°	710.7	575.9	443.9	337.1	261.3	188.2	132.0	101.1	75.9	39.3	16.9
-32.5°	688.3	556.2	427.0	325.9	250.0	185.4	132.0	103.9	78.7	36.5	19.7
-35°	663.0	533.8	413.0	317.4	241.6	179.8	134.8	103.9	75.9	36.5	19.7
-37.5°	632.1	505.7	398.9	309.0	236.0	174.2	134.8	106.8	73.0	36.5	19.7
-40°	598.4	483.2	382.1	297.8	227.6	171.4	134.8	106.8	70.2	36.5	22.5
-42.5°	561.9	457.9	365.2	286.5	219.1	168.6	134.8	106.8	67.4	36.5	22.5
-45°	528.1	432.6	345.5	272.5	210.7	168.6	134.8	103.9	61.8	39.3	22.5
-47.5°	491.6	404.5	323.1	258.5	207.9	165.7	132.0	98.3	56.2	39.3	22.5
-50°	460.7	376.4	306.2	244.4	202.3	168.6	134.8	89.9	56.2	39.3	22.5
-52.5°	429.8	356.8	286.5	238.8	196.6	171.4	132.0	84.3	56.2	39.3	22.5
-55°	404.5	337.1	275.3	230.4	202.3	177.0	126.4	75.9	56.2	39.3	22.5
-57.5°	384.9	325.9	266.9	233.2	210.7	171.4	118.0	73.0	56.2	36.5	22.5
-60°	370.8	314.6	269.7	244.4	213.5	162.9	112.4	73.0	56.2	36.5	19.7
-62.5°	359.6	317.4	283.7	252.8	202.3	151.7	106.8	73.0	50.6	33.7	19.7
-65°	362.4	328.7	289.4	241.6	193.8	140.5	98.3	70.2	47.8	30.9	19.7
-67.5°	370.8	320.3	272.5	227.6	174.2	126.4	89.9	64.6	44.9	30.9	19.7
-70°	342.7	295.0	247.2	193.8	148.9	109.6	84.3	59.0	39.3	28.1	19.7
-72.5°	309.0	247.2	196.6	157.3	126.4	101.1	75.9	53.4	36.5	25.3	16.9
-75°	224.7	179.8	146.1	132.0	112.4	89.9	67.4	47.8	33.7	25.3	16.9
-77.5°	160.1	148.9	134.8	120.8	101.1	78.7	59.0	44.9	30.9	22.5	14.0
-80°	157.3	143.3	126.4	103.9	84.3	67.4	50.6	39.3	28.1	19.7	11.2
-82.5°	132.0	112.4	95.5	78.7	64.6	53.4	42.1	30.9	22.5	14.0	8.4
-85°	81.5	70.2	61.8	53.4	44.9	36.5	28.1	19.7	14.0	8.4	5.6
-87.5°	39.3	36.5	30.9	25.3	22.5	16.9	14.0	11.2	8.4	5.6	2.8
-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-S-SA3D-735-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°	2.8	0.0	0.0	0.0
80°	2.8	0.0	0.0	0.0
77.5°	2.8	0.0	0.0	0.0
75°	2.8	2.8	0.0	0.0
72.5°	2.8	2.8	0.0	0.0
70°	5.6	2.8	2.8	0.0
67.5°	5.6	2.8	2.8	0.0
65°	5.6	2.8	2.8	0.0
62.5°	5.6	2.8	2.8	0.0
60°	5.6	2.8	2.8	0.0
57.5°	5.6	2.8	2.8	0.0
55°	5.6	2.8	2.8	0.0
52.5°	5.6	2.8	2.8	0.0
50°	5.6	2.8	2.8	0.0
47.5°	5.6	5.6	2.8	0.0
45°	5.6	5.6	2.8	0.0
42.5°	5.6	5.6	2.8	0.0
40°	5.6	5.6	2.8	0.0
37.5°	5.6	5.6	2.8	0.0
35°	5.6	5.6	2.8	0.0
32.5°	8.4	5.6	2.8	0.0
30°	8.4	5.6	5.6	0.0
27.5°	8.4	5.6	5.6	0.0
25°	8.4	5.6	5.6	0.0
22.5°	8.4	5.6	5.6	0.0
20°	8.4	5.6	5.6	0.0
17.5°	8.4	5.6	5.6	0.0
15°	8.4	5.6	5.6	0.0
12.5°	8.4	5.6	5.6	0.0
10°	8.4	5.6	5.6	0.0
7.5°	8.4	5.6	5.6	0.0
5°	8.4	5.6	5.6	0.0
2.5°	8.4	5.6	5.6	0.0
0°	8.4	5.6	5.6	0.0
-2.5°	8.4	5.6	5.6	0.0
-5°	8.4	5.6	5.6	0.0
-7.5°	8.4	5.6	5.6	0.0
-10°	8.4	5.6	5.6	0.0
-12.5°	11.2	5.6	5.6	0.0
-15°	11.2	5.6	5.6	0.0
-17.5°	11.2	5.6	5.6	0.0
-20°	11.2	5.6	5.6	0.0



REPORT NUMBER: P723699

CATALOG NUMBER: IFLD-S-SA3D-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	11.2	5.6	5.6	0.0
-25°	11.2	5.6	5.6	0.0
-27.5°	11.2	5.6	5.6	0.0
-30°	11.2	5.6	5.6	0.0
-32.5°	11.2	5.6	5.6	0.0
-35°	11.2	5.6	5.6	0.0
-37.5°	11.2	5.6	5.6	0.0
-40°	11.2	5.6	5.6	0.0
-42.5°	8.4	5.6	2.8	0.0
-45°	11.2	5.6	2.8	0.0
-47.5°	11.2	5.6	2.8	0.0
-50°	11.2	5.6	2.8	0.0
-52.5°	11.2	5.6	2.8	0.0
-55°	11.2	5.6	2.8	0.0
-57.5°	11.2	5.6	2.8	0.0
-60°	11.2	5.6	2.8	0.0
-62.5°	11.2	5.6	2.8	0.0
-65°	11.2	5.6	2.8	0.0
-67.5°	11.2	5.6	2.8	0.0
-70°	11.2	2.8	2.8	0.0
-72.5°	8.4	2.8	2.8	0.0
-75°	8.4	2.8	2.8	0.0
-77.5°	5.6	2.8	0.0	0.0
-80°	5.6	2.8	0.0	0.0
-82.5°	5.6	2.8	0.0	0.0
-85°	2.8	0.0	0.0	0.0
-87.5°	2.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)