

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: P723728

Luminaire Tested: **IFLD-S-SA3D-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723728
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-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:	12338.5 lumens	Max Intensity:	290280.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	67.0 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:	4474.4 lumens	Field Lumens:	7133.1 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

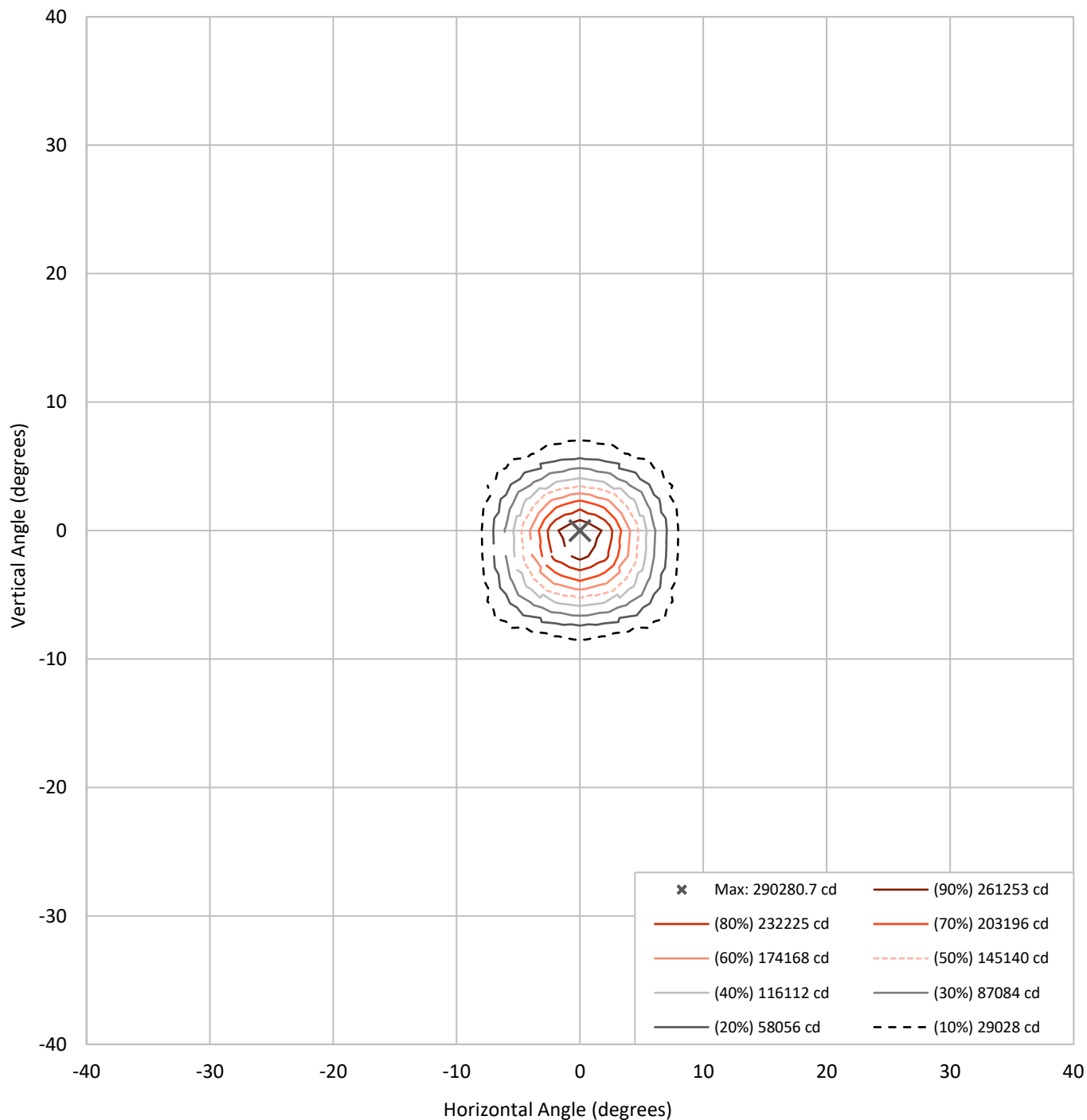
Input Watts (W): 184.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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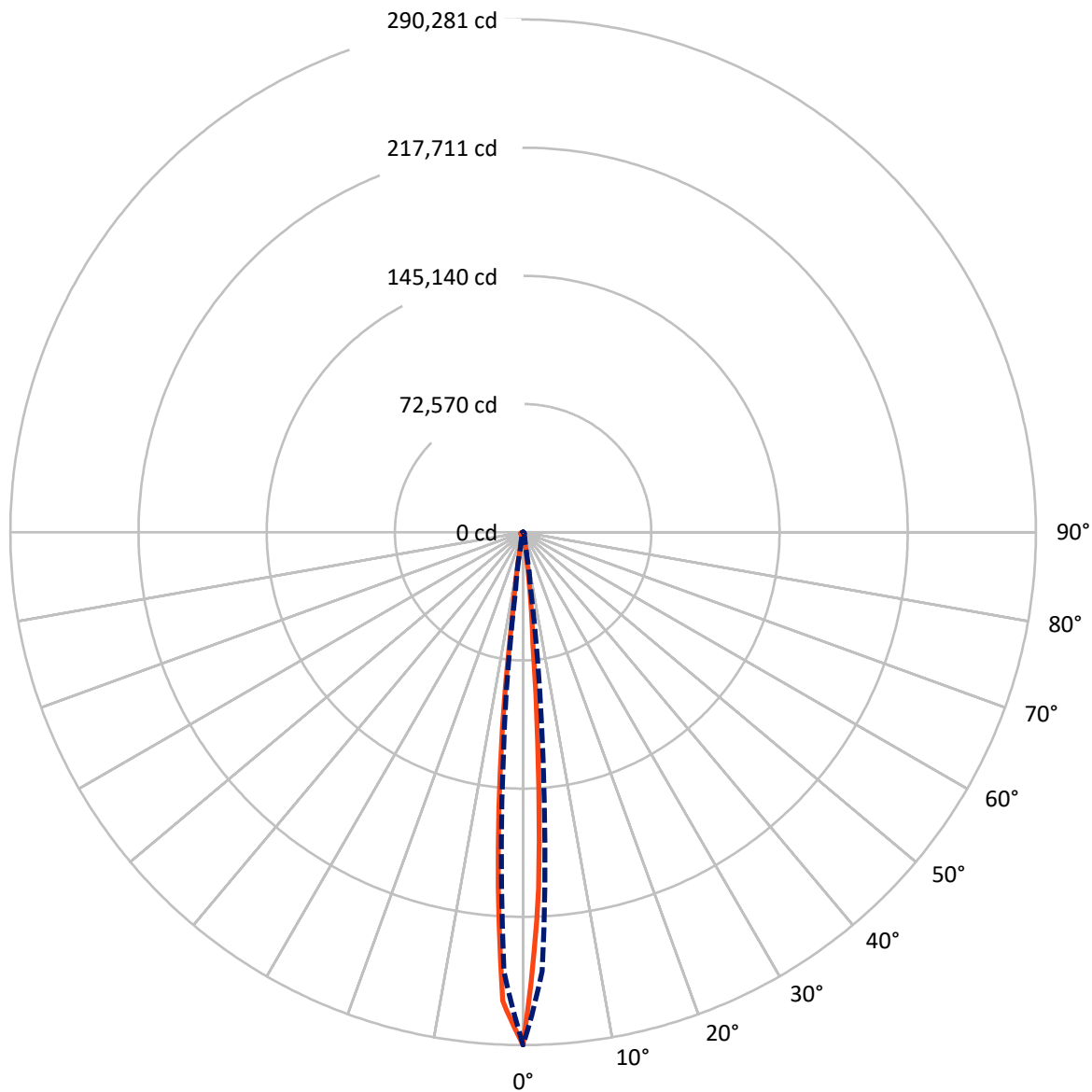
Lumen Table

90																			
80	0.2	2.7		3.0		1.1		0.3		1.1		3.0		2.7		0.2			
70	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			
60		0.4	0.6	1.4	3.2	5.2	6.7	7.7	7.7	6.7	5.2	3.2	1.4	0.6	0.4				
50	0.3	0.4	1.7	5.6	11.1	16.2	19.5	21.6	21.6	19.5	16.2	11.1	5.6	1.7	0.4	0.3			
40		0.8	4.3	11.5	18.8	22.0	23.8	24.6	24.6	23.8	22.0	18.8	11.5	4.3	0.8				
30	0.5	1.6	7.3	16.8	21.7	22.4	26.4	31.8	31.8	26.4	22.4	21.7	16.8	7.3	1.6	0.5			
20		2.5	10.3	20.6	23.2	26.1	46.0	78.3	78.3	46.0	26.1	23.2	20.6	10.3	2.5				
10	0.8	3.3	12.6	22.7	24.0	32.3	87.4	1619.7	1619.7	87.4	32.3	24.0	22.7	12.6	3.3	0.8			
0		3.8	13.8	23.8	24.9	33.4	94.2	2361.7	2361.7	94.2	33.4	24.9	23.8	13.8	3.8				
-10	1.2	4.1	14.1	25.1	27.0	30.1	54.7	105.1	105.1	54.7	30.1	27.0	25.1	14.1	4.1	1.2			
-20		3.8	13.4	25.4	30.3	30.3	35.4	43.2	43.2	35.4	30.3	30.3	25.4	13.4	3.8				
-30	1.3	3.4	11.9	24.3	33.3	36.3	37.8	38.1	38.1	37.8	36.3	33.3	24.3	11.9	3.4	1.3			
-40		3.0	9.6	20.6	32.1	39.1	43.8	45.9	45.9	43.8	39.1	32.1	20.6	9.6	3.0				
-50	1.0	2.7	7.4	16.0	27.4	36.8	42.7	45.2	45.2	42.7	36.8	27.4	16.0	7.4	2.7	1.0			
-60		2.5	6.5	13.0	22.9	32.2	38.9	42.1	42.1	38.9	32.2	22.9	13.0	6.5	2.5				
-70																			
-80		0.5	7.6		22.7		42.1		46.5		42.1		22.7		7.6				
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

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Luminous Intensity Polar Plot



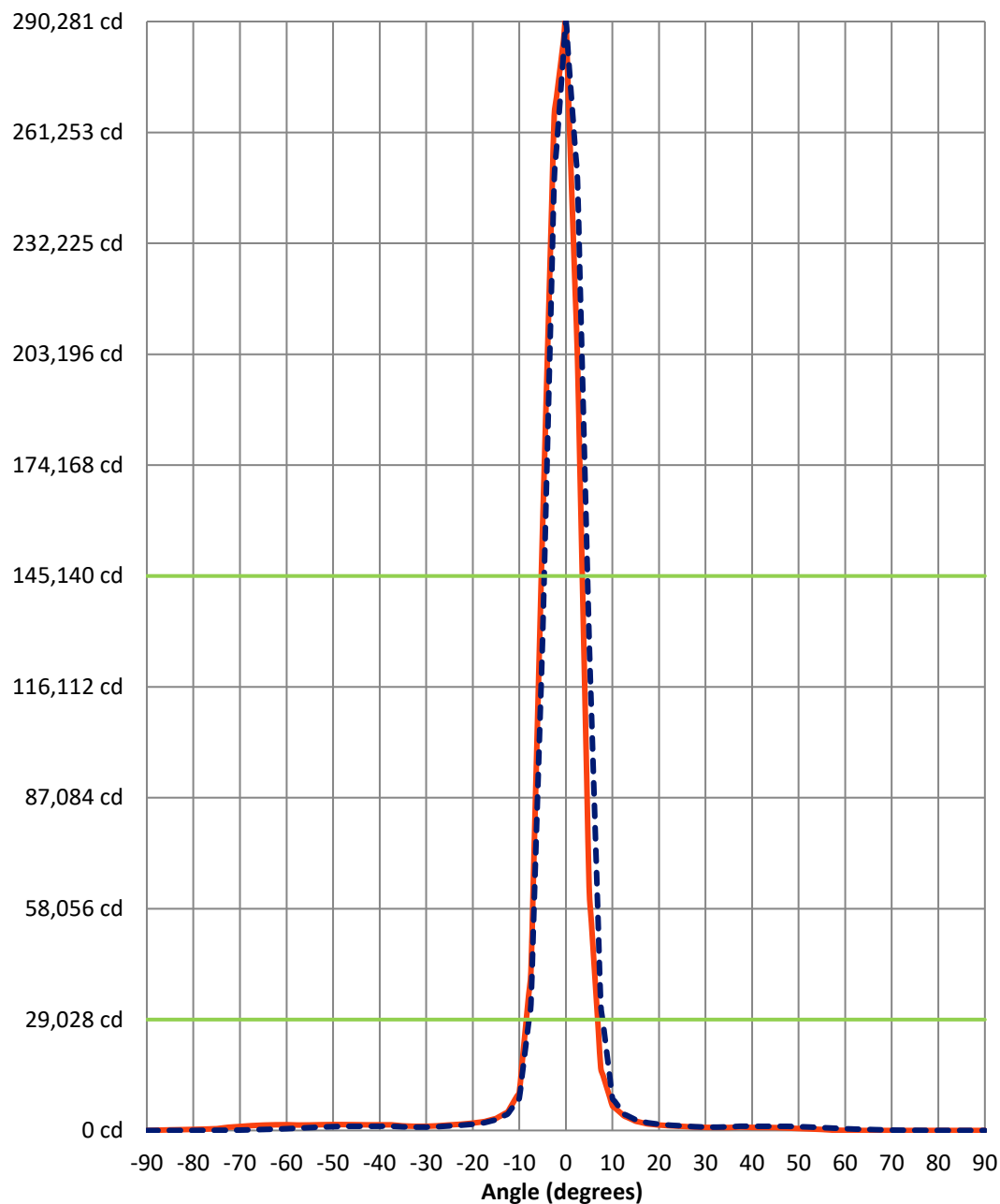
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 4474.4

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 7133.1

Efficiency: 57.8%

Spill:

Lumens: 5205.3

Efficiency: 42.2%

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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	5.7	5.7	5.7	8.5	11.4	14.2	14.2	17.1
82.5°	0.0	2.8	2.8	5.7	5.7	8.5	8.5	14.2	17.1	19.9	25.6
80°	2.8	2.8	2.8	5.7	5.7	8.5	8.5	11.4	14.2	19.9	22.8
77.5°	0.0	2.8	2.8	2.8	5.7	5.7	5.7	8.5	11.4	14.2	17.1
75°	0.0	2.8	2.8	2.8	5.7	5.7	5.7	5.7	8.5	8.5	11.4
72.5°	0.0	0.0	0.0	2.8	2.8	5.7	5.7	5.7	8.5	8.5	8.5
70°	0.0	0.0	0.0	2.8	2.8	5.7	5.7	5.7	8.5	8.5	8.5
67.5°	0.0	0.0	0.0	2.8	2.8	5.7	5.7	5.7	8.5	8.5	8.5
65°	0.0	0.0	0.0	2.8	2.8	5.7	5.7	8.5	8.5	8.5	8.5
62.5°	2.8	2.8	2.8	5.7	8.5	8.5	11.4	14.2	14.2	14.2	14.2
60°	28.5	31.3	34.2	34.2	31.3	31.3	34.2	34.2	34.2	34.2	34.2
57.5°	76.9	82.6	85.4	85.4	85.4	82.6	94.0	96.8	85.4	79.8	88.3
55°	267.7	276.3	270.6	262.0	245.0	225.0	219.3	216.5	219.3	205.1	182.3
52.5°	390.2	398.8	395.9	390.2	378.8	364.6	353.2	341.8	330.4	307.6	282.0
50°	507.0	509.8	507.0	501.3	489.9	475.7	452.9	427.2	404.5	398.8	376.0
47.5°	638.0	646.6	646.6	643.7	635.2	609.5	575.4	538.3	521.2	515.5	492.8
45°	754.8	760.5	763.3	766.2	763.3	737.7	706.4	686.4	649.4	638.0	638.0
42.5°	786.1	789.0	791.8	794.7	803.2	783.3	757.6	723.5	714.9	712.1	706.4
40°	797.5	791.8	794.7	797.5	800.4	786.1	766.2	746.3	740.6	734.9	734.9
37.5°	905.8	880.1	860.2	843.1	828.9	814.6	794.7	777.6	763.3	751.9	763.3
35°	771.9	771.9	791.8	808.9	826.0	843.1	845.9	826.0	794.7	780.4	800.4
32.5°	789.0	789.0	789.0	794.7	800.4	814.6	828.9	837.4	860.2	834.5	834.5
30°	806.1	808.9	814.6	817.5	808.9	803.2	797.5	797.5	811.8	848.8	868.7
27.5°	905.8	905.8	897.2	885.8	860.2	820.3	800.4	771.9	774.7	791.8	840.2
25°	1068.1	1062.4	1042.5	1014.0	968.4	911.5	857.3	797.5	771.9	763.3	783.3
22.5°	1221.9	1213.4	1187.7	1162.1	1125.1	1068.1	977.0	885.8	806.1	771.9	763.3
20°	1418.4	1398.5	1370.0	1330.2	1270.3	1213.4	1133.6	1014.0	897.2	808.9	774.7
17.5°	1734.6	1709.0	1654.9	1583.6	1481.1	1392.8	1278.9	1165.0	1033.9	891.5	814.6
15°	2426.7	2361.2	2267.2	2070.7	1868.5	1700.4	1529.5	1338.7	1204.8	1016.8	900.1
12.5°	3816.7	3637.3	3363.8	2905.3	2452.4	2062.2	1785.9	1540.9	1324.5	1150.7	985.5
10°	6459.9	6075.4	5320.6	4067.4	3232.8	2515.0	2019.4	1691.9	1418.4	1239.0	1056.7
7.5°	16337.8	13327.2	9430.7	6440.0	4229.7	3073.3	2310.0	1834.3	1518.1	1296.0	1113.7
5°	63676.4	52454.1	27981.6	11678.0	6363.1	3717.0	2572.0	1948.2	1583.6	1338.7	1156.4
2.5°	202089.1	174517.6	91561.2	25139.0	7812.9	4187.0	2751.4	2019.4	1620.7	1370.0	1187.7
0°	290280.7	248781.1	128500.7	33063.0	8473.7	4306.6	2808.4	2033.7	1626.4	1375.7	1187.7
-2.5°	265557.6	232414.9	124131.4	30767.2	8658.8	4340.8	2854.0	2082.1	1669.1	1401.4	1196.3
-5°	157792.5	138407.0	86590.9	21937.5	7693.2	4030.3	2734.4	2039.4	1640.6	1387.1	1190.6
-7.5°	41573.7	35991.0	23675.0	11447.3	4978.8	3409.4	2512.2	1968.2	1603.6	1361.5	1167.8
-10°	10023.1	9499.1	8485.1	5201.0	3876.5	2848.3	2227.4	1840.0	1529.5	1327.3	1130.8
-12.5°	4833.6	4719.6	4283.8	3531.9	2876.8	2366.9	2016.6	1706.1	1461.2	1267.5	1079.5
-15°	3144.5	3079.0	2930.9	2643.2	2310.0	2065.0	1820.1	1569.4	1375.7	1179.2	1036.8
-17.5°	2327.1	2324.2	2250.1	2141.9	1976.7	1794.4	1615.0	1455.5	1267.5	1099.4	991.2
-20°	1928.3	1928.3	1885.6	1814.4	1697.6	1578.0	1458.3	1310.2	1156.4	1031.1	985.5

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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°	1637.8	1640.6	1617.8	1572.3	1509.6	1409.9	1293.1	1173.5	1062.4	1016.8	1002.6
-25°	1449.8	1444.1	1418.4	1375.7	1310.2	1230.5	1153.6	1073.8	1042.5	1031.1	1051.0
-27.5°	1227.6	1236.2	1224.8	1204.8	1162.1	1105.1	1088.0	1065.3	1071.0	1088.0	1165.0
-30°	1096.6	1105.1	1116.5	1125.1	1110.8	1096.6	1102.3	1119.4	1156.4	1221.9	1250.4
-32.5°	1096.6	1099.4	1116.5	1133.6	1142.2	1153.6	1184.9	1241.9	1296.0	1278.9	1273.2
-35°	1196.3	1187.7	1210.5	1233.3	1264.6	1304.5	1338.7	1327.3	1307.4	1301.7	1307.4
-37.5°	1481.1	1427.0	1404.2	1390.0	1381.4	1375.7	1367.2	1358.6	1350.1	1344.4	1352.9
-40°	1478.3	1464.0	1449.8	1438.4	1429.8	1418.4	1412.8	1409.9	1401.4	1395.7	1390.0
-42.5°	1472.6	1478.3	1478.3	1475.4	1478.3	1475.4	1466.9	1455.5	1441.2	1429.8	1418.4
-45°	1515.3	1518.1	1523.8	1529.5	1538.1	1526.7	1509.6	1489.7	1469.7	1452.6	1438.4
-47.5°	1540.9	1543.8	1549.5	1558.0	1563.7	1552.3	1529.5	1503.9	1472.6	1444.1	1415.6
-50°	1549.5	1558.0	1560.9	1560.9	1558.0	1543.8	1509.6	1472.6	1438.4	1409.9	1384.3
-52.5°	1509.6	1518.1	1521.0	1515.3	1512.4	1498.2	1466.9	1432.7	1395.7	1375.7	1352.9
-55°	1444.1	1455.5	1464.0	1464.0	1464.0	1461.2	1432.7	1401.4	1372.9	1350.1	1327.3
-57.5°	1418.4	1438.4	1455.5	1458.3	1461.2	1464.0	1444.1	1412.8	1378.6	1344.4	1315.9
-60°	1512.4	1529.5	1538.1	1526.7	1518.1	1509.6	1478.3	1441.2	1407.1	1372.9	1318.8
-62.5°	1486.8	1515.3	1529.5	1521.0	1509.6	1495.4	1461.2	1418.4	1378.6	1341.5	1287.4
-65°	1404.2	1429.8	1446.9	1432.7	1415.6	1395.7	1364.3	1324.5	1287.4	1250.4	1202.0
-67.5°	1264.6	1301.7	1330.2	1298.8	1276.0	1250.4	1224.8	1190.6	1153.6	1110.8	1065.3
-70°	1045.3	1073.8	1099.4	1090.9	1085.2	1079.5	1062.4	1028.2	996.9	962.7	922.8
-72.5°	840.2	865.9	888.7	874.4	863.0	845.9	820.3	783.3	746.3	709.2	672.2
-75°	464.3	472.8	481.4	478.5	478.5	478.5	478.5	481.4	475.7	467.1	450.0
-77.5°	356.0	367.4	376.0	381.7	390.2	401.6	410.2	395.9	381.7	367.4	350.3
-80°	279.1	290.5	299.1	330.4	353.2	378.8	395.9	376.0	356.0	338.9	324.7
-82.5°	210.8	219.3	227.9	245.0	256.3	270.6	282.0	282.0	279.1	276.3	267.7
-85°	153.8	165.2	176.6	182.3	190.8	190.8	193.7	182.3	170.9	162.4	151.0
-87.5°	88.3	91.1	91.1	91.1	94.0	94.0	94.0	88.3	85.4	79.8	76.9
-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	5.7	5.7	8.5	8.5	11.4	11.4	14.2	14.2
85°	17.1	17.1	17.1	19.9	19.9	22.8	25.6	28.5	31.3	31.3	34.2
82.5°	28.5	31.3	34.2	37.0	39.9	42.7	45.6	48.4	57.0	62.7	65.5
80°	28.5	31.3	39.9	45.6	51.3	57.0	57.0	57.0	57.0	59.8	65.5
77.5°	19.9	22.8	25.6	31.3	45.6	57.0	65.5	71.2	65.5	62.7	57.0
75°	11.4	14.2	17.1	19.9	28.5	39.9	54.1	68.4	79.8	76.9	71.2
72.5°	11.4	11.4	14.2	17.1	19.9	22.8	25.6	39.9	57.0	71.2	79.8
70°	11.4	14.2	14.2	17.1	19.9	22.8	25.6	31.3	39.9	57.0	74.1
67.5°	11.4	14.2	14.2	19.9	25.6	28.5	31.3	28.5	25.6	37.0	54.1
65°	11.4	11.4	14.2	17.1	19.9	22.8	31.3	31.3	28.5	28.5	28.5
62.5°	17.1	17.1	17.1	17.1	19.9	19.9	19.9	25.6	25.6	25.6	25.6
60°	34.2	31.3	31.3	31.3	31.3	25.6	25.6	25.6	22.8	25.6	22.8
57.5°	82.6	68.4	62.7	62.7	54.1	51.3	42.7	31.3	31.3	25.6	25.6
55°	168.0	159.5	133.9	111.1	99.7	88.3	68.4	57.0	42.7	34.2	31.3
52.5°	259.2	236.4	213.6	185.1	156.7	133.9	113.9	88.3	71.2	51.3	39.9
50°	338.9	319.0	293.4	262.0	225.0	196.5	168.0	133.9	105.4	79.8	57.0
47.5°	461.4	421.5	390.2	353.2	310.5	270.6	233.6	193.7	148.1	116.8	88.3
45°	592.4	535.5	492.8	458.6	401.6	347.5	304.8	262.0	207.9	153.8	119.6
42.5°	683.6	640.9	583.9	538.3	487.1	430.1	373.1	327.6	270.6	207.9	153.8
40°	732.0	703.5	658.0	618.1	564.0	501.3	441.5	395.9	336.1	267.7	193.7
37.5°	769.0	754.8	732.0	700.7	649.4	575.4	515.5	461.4	410.2	330.4	250.6
35°	811.8	808.9	794.7	780.4	737.7	666.5	595.3	532.6	470.0	395.9	307.6
32.5°	851.6	848.8	840.2	834.5	817.5	754.8	677.9	606.7	535.5	458.6	361.7
30°	871.6	865.9	865.9	871.6	854.5	814.6	757.6	680.7	601.0	509.8	418.7
27.5°	871.6	865.9	868.7	877.3	874.4	854.5	811.8	749.1	660.8	558.3	470.0
25°	834.5	863.0	863.0	874.4	877.3	871.6	848.8	808.9	717.8	609.5	509.8
22.5°	783.3	851.6	877.3	874.4	877.3	891.5	894.4	857.3	771.9	660.8	549.7
20°	783.3	831.7	905.8	885.8	891.5	922.8	937.1	905.8	828.9	709.2	589.6
17.5°	800.4	831.7	894.4	925.7	934.2	959.9	982.7	962.7	880.1	760.5	643.7
15°	848.8	843.1	885.8	962.7	977.0	996.9	1022.5	999.8	925.7	817.5	695.0
12.5°	883.0	851.6	885.8	968.4	1014.0	1033.9	1042.5	1025.4	965.6	868.7	746.3
10°	928.5	874.4	891.5	962.7	1028.2	1042.5	1051.0	1045.3	1002.6	911.5	791.8
7.5°	962.7	885.8	885.8	954.2	1042.5	1053.9	1059.6	1065.3	1033.9	948.5	831.7
5°	977.0	885.8	880.1	945.6	1056.7	1068.1	1068.1	1076.7	1056.7	977.0	860.2
2.5°	979.8	883.0	874.4	939.9	1082.4	1082.4	1076.7	1085.2	1073.8	994.1	880.1
0°	994.1	880.1	871.6	948.5	1110.8	1099.4	1085.2	1088.0	1082.4	1002.6	891.5
-2.5°	994.1	894.4	883.0	954.2	1108.0	1105.1	1099.4	1102.3	1096.6	1028.2	914.3
-5°	1008.3	914.3	902.9	979.8	1105.1	1113.7	1116.5	1116.5	1108.0	1045.3	928.5
-7.5°	1011.1	928.5	925.7	1005.4	1110.8	1125.1	1133.6	1139.3	1122.2	1056.7	939.9
-10°	996.9	934.2	948.5	1036.8	1116.5	1136.5	1153.6	1162.1	1133.6	1062.4	945.6
-12.5°	965.6	934.2	971.3	1076.7	1130.8	1153.6	1179.2	1182.0	1145.0	1065.3	948.5
-15°	962.7	957.0	1011.1	1116.5	1139.3	1167.8	1207.7	1199.1	1153.6	1065.3	948.5
-17.5°	959.9	988.4	1071.0	1130.8	1153.6	1184.9	1216.2	1207.7	1159.3	1065.3	942.8
-20°	985.5	1039.6	1142.2	1145.0	1170.6	1204.8	1221.9	1204.8	1150.7	1056.7	934.2

REPORT NUMBER: P723728

CATALOG NUMBER: IFLD-S-SA3D-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°	1028.2	1130.8	1165.0	1176.3	1199.1	1224.8	1233.3	1207.7	1142.2	1042.5	920.0
-25°	1136.5	1187.7	1187.7	1213.4	1236.2	1247.6	1239.0	1210.5	1130.8	1028.2	905.8
-27.5°	1219.1	1216.2	1230.5	1256.1	1276.0	1276.0	1253.2	1196.3	1113.7	1014.0	885.8
-30°	1250.4	1253.2	1273.2	1301.7	1307.4	1293.1	1258.9	1184.9	1099.4	991.2	860.2
-32.5°	1281.7	1293.1	1318.8	1333.0	1335.8	1307.4	1244.7	1165.0	1076.7	965.6	831.7
-35°	1318.8	1341.5	1355.8	1358.6	1344.4	1296.0	1224.8	1139.3	1042.5	928.5	806.1
-37.5°	1367.2	1378.6	1387.1	1375.7	1335.8	1278.9	1190.6	1105.1	1011.1	888.7	769.0
-40°	1398.5	1404.2	1407.1	1370.0	1321.6	1239.0	1153.6	1065.3	957.0	843.1	729.2
-42.5°	1418.4	1412.8	1390.0	1350.1	1278.9	1199.1	1116.5	1016.8	908.6	797.5	686.4
-45°	1412.8	1392.8	1358.6	1310.2	1236.2	1156.4	1059.6	959.9	857.3	749.1	638.0
-47.5°	1390.0	1358.6	1315.9	1258.9	1190.6	1093.7	996.9	900.1	800.4	695.0	592.4
-50°	1361.5	1324.5	1273.2	1202.0	1110.8	1022.5	934.2	840.2	737.7	640.9	549.7
-52.5°	1330.2	1290.3	1224.8	1145.0	1045.3	954.2	868.7	777.6	683.6	592.4	512.7
-55°	1296.0	1256.1	1182.0	1090.9	991.2	891.5	808.9	732.0	640.9	552.6	481.4
-57.5°	1278.9	1227.6	1150.7	1059.6	954.2	851.6	780.4	697.8	615.2	524.1	455.7
-60°	1264.6	1213.4	1142.2	1036.8	937.1	840.2	757.6	677.9	589.6	504.1	435.8
-62.5°	1224.8	1170.6	1105.1	1002.6	905.8	817.5	743.4	649.4	564.0	484.2	421.5
-65°	1145.0	1088.0	1031.1	939.9	851.6	769.0	695.0	609.5	529.8	461.4	407.3
-67.5°	1019.7	971.3	920.0	843.1	769.0	695.0	626.6	552.6	487.1	438.6	410.2
-70°	880.1	828.9	777.6	714.9	652.3	592.4	538.3	484.2	441.5	415.9	393.1
-72.5°	640.9	618.1	592.4	544.0	492.8	455.7	430.1	407.3	376.0	353.2	338.9
-75°	427.2	395.9	356.0	338.9	341.8	336.1	321.9	304.8	290.5	282.0	262.0
-77.5°	333.3	316.2	296.2	276.3	267.7	259.2	247.8	233.6	222.2	202.2	173.7
-80°	307.6	293.4	279.1	264.9	250.6	230.7	207.9	185.1	173.7	165.2	162.4
-82.5°	253.5	236.4	219.3	205.1	185.1	170.9	156.7	145.3	145.3	142.4	139.6
-85°	145.3	139.6	131.0	125.3	119.6	111.1	102.5	96.8	94.0	91.1	88.3
-87.5°	74.1	71.2	65.5	62.7	59.8	57.0	51.3	48.4	45.6	45.6	42.7
-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: P723728

CATALOG NUMBER: IFLD-S-SA3D-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°	14.2	14.2	11.4	11.4	11.4	8.5	5.7	5.7	2.8	2.8	0.0
85°	34.2	28.5	25.6	22.8	22.8	17.1	11.4	8.5	5.7	2.8	2.8
82.5°	65.5	57.0	48.4	42.7	34.2	25.6	19.9	14.2	8.5	5.7	2.8
80°	74.1	74.1	71.2	59.8	48.4	37.0	25.6	17.1	11.4	8.5	5.7
77.5°	57.0	62.7	62.7	62.7	59.8	45.6	31.3	19.9	11.4	8.5	5.7
75°	65.5	57.0	54.1	57.0	54.1	45.6	37.0	22.8	14.2	11.4	5.7
72.5°	79.8	68.4	59.8	57.0	51.3	42.7	34.2	25.6	14.2	11.4	8.5
70°	74.1	71.2	65.5	59.8	51.3	42.7	34.2	25.6	17.1	11.4	8.5
67.5°	65.5	65.5	65.5	59.8	51.3	39.9	31.3	22.8	17.1	11.4	8.5
65°	45.6	54.1	59.8	57.0	51.3	39.9	31.3	22.8	17.1	14.2	8.5
62.5°	28.5	37.0	48.4	54.1	48.4	39.9	28.5	22.8	17.1	14.2	8.5
60°	25.6	28.5	34.2	42.7	45.6	37.0	28.5	19.9	17.1	14.2	8.5
57.5°	25.6	25.6	28.5	34.2	37.0	34.2	25.6	17.1	17.1	14.2	11.4
55°	28.5	25.6	25.6	28.5	31.3	31.3	25.6	17.1	17.1	14.2	11.4
52.5°	34.2	28.5	25.6	25.6	25.6	28.5	22.8	17.1	17.1	14.2	11.4
50°	42.7	34.2	31.3	25.6	25.6	25.6	22.8	17.1	14.2	14.2	11.4
47.5°	57.0	45.6	34.2	31.3	25.6	22.8	19.9	17.1	14.2	14.2	11.4
45°	85.4	54.1	45.6	34.2	28.5	25.6	22.8	17.1	14.2	14.2	11.4
42.5°	116.8	79.8	57.0	39.9	31.3	25.6	22.8	19.9	14.2	14.2	11.4
40°	148.1	108.2	71.2	51.3	37.0	28.5	22.8	19.9	17.1	14.2	11.4
37.5°	182.3	133.9	94.0	65.5	42.7	31.3	25.6	19.9	17.1	14.2	11.4
35°	225.0	168.0	116.8	79.8	51.3	37.0	28.5	19.9	17.1	14.2	11.4
32.5°	273.4	199.4	139.6	96.8	65.5	45.6	31.3	22.8	17.1	14.2	11.4
30°	319.0	236.4	165.2	116.8	79.8	51.3	34.2	22.8	17.1	14.2	8.5
27.5°	364.6	273.4	196.5	136.7	96.8	59.8	37.0	25.6	17.1	14.2	11.4
25°	410.2	310.5	227.9	156.7	111.1	71.2	45.6	28.5	17.1	14.2	11.4
22.5°	450.0	347.5	256.3	179.4	128.2	82.6	51.3	31.3	19.9	14.2	11.4
20°	495.6	387.4	287.7	205.1	142.4	94.0	57.0	34.2	19.9	14.2	11.4
17.5°	538.3	427.2	319.0	227.9	159.5	105.4	65.5	37.0	22.8	14.2	11.4
15°	581.1	464.3	347.5	250.6	176.6	116.8	71.2	39.9	25.6	14.2	11.4
12.5°	620.9	498.5	373.1	270.6	190.8	128.2	76.9	42.7	28.5	14.2	11.4
10°	658.0	529.8	398.8	287.7	205.1	136.7	82.6	48.4	31.3	14.2	11.4
7.5°	695.0	555.4	418.7	304.8	222.2	148.1	88.3	51.3	34.2	17.1	11.4
5°	717.8	578.2	435.8	319.0	236.4	159.5	94.0	54.1	37.0	17.1	11.4
2.5°	737.7	595.3	447.2	333.3	250.6	168.0	94.0	57.0	39.9	17.1	11.4
0°	749.1	606.7	455.7	341.8	262.0	173.7	96.8	59.8	42.7	17.1	11.4
-2.5°	774.7	626.6	475.7	353.2	273.4	190.8	102.5	62.7	45.6	19.9	11.4
-5°	791.8	638.0	489.9	364.6	282.0	207.9	111.1	68.4	51.3	25.6	14.2
-7.5°	806.1	649.4	501.3	370.3	290.5	213.6	113.9	71.2	54.1	28.5	14.2
-10°	808.9	655.1	509.8	378.8	296.2	222.2	116.8	74.1	57.0	31.3	14.2
-12.5°	811.8	660.8	512.7	384.5	301.9	227.9	119.6	76.9	59.8	34.2	14.2
-15°	808.9	658.0	512.7	390.2	304.8	222.2	125.3	79.8	62.7	37.0	14.2
-17.5°	803.2	655.1	509.8	387.4	301.9	216.5	128.2	85.4	62.7	39.9	17.1
-20°	794.7	646.6	504.1	384.5	299.1	210.8	131.0	88.3	65.5	39.9	17.1

REPORT NUMBER: P723728

CATALOG NUMBER: IFLD-S-SA3D-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°	780.4	632.3	492.8	376.0	293.4	205.1	131.0	94.0	68.4	39.9	17.1
-25°	763.3	618.1	481.4	364.6	284.8	196.5	131.0	96.8	71.2	39.9	17.1
-27.5°	743.4	603.8	464.3	356.0	273.4	190.8	131.0	99.7	74.1	39.9	17.1
-30°	720.6	583.9	450.0	341.8	264.9	190.8	133.9	102.5	76.9	39.9	17.1
-32.5°	697.8	564.0	432.9	330.4	253.5	188.0	133.9	105.4	79.8	37.0	19.9
-35°	672.2	541.2	418.7	321.9	245.0	182.3	136.7	105.4	76.9	37.0	19.9
-37.5°	640.9	512.7	404.5	313.3	239.3	176.6	136.7	108.2	74.1	37.0	19.9
-40°	606.7	489.9	387.4	301.9	230.7	173.7	136.7	108.2	71.2	37.0	22.8
-42.5°	569.7	464.3	370.3	290.5	222.2	170.9	136.7	108.2	68.4	37.0	22.8
-45°	535.5	438.6	350.3	276.3	213.6	170.9	136.7	105.4	62.7	39.9	22.8
-47.5°	498.5	410.2	327.6	262.0	210.8	168.0	133.9	99.7	57.0	39.9	22.8
-50°	467.1	381.7	310.5	247.8	205.1	170.9	136.7	91.1	57.0	39.9	22.8
-52.5°	435.8	361.7	290.5	242.1	199.4	173.7	133.9	85.4	57.0	39.9	22.8
-55°	410.2	341.8	279.1	233.6	205.1	179.4	128.2	76.9	57.0	39.9	22.8
-57.5°	390.2	330.4	270.6	236.4	213.6	173.7	119.6	74.1	57.0	37.0	22.8
-60°	376.0	319.0	273.4	247.8	216.5	165.2	113.9	74.1	57.0	37.0	19.9
-62.5°	364.6	321.9	287.7	256.3	205.1	153.8	108.2	74.1	51.3	34.2	19.9
-65°	367.4	333.3	293.4	245.0	196.5	142.4	99.7	71.2	48.4	31.3	19.9
-67.5°	376.0	324.7	276.3	230.7	176.6	128.2	91.1	65.5	45.6	31.3	19.9
-70°	347.5	299.1	250.6	196.5	151.0	111.1	85.4	59.8	39.9	28.5	19.9
-72.5°	313.3	250.6	199.4	159.5	128.2	102.5	76.9	54.1	37.0	25.6	17.1
-75°	227.9	182.3	148.1	133.9	113.9	91.1	68.4	48.4	34.2	25.6	17.1
-77.5°	162.4	151.0	136.7	122.5	102.5	79.8	59.8	45.6	31.3	22.8	14.2
-80°	159.5	145.3	128.2	105.4	85.4	68.4	51.3	39.9	28.5	19.9	11.4
-82.5°	133.9	113.9	96.8	79.8	65.5	54.1	42.7	31.3	22.8	14.2	8.5
-85°	82.6	71.2	62.7	54.1	45.6	37.0	28.5	19.9	14.2	8.5	5.7
-87.5°	39.9	37.0	31.3	25.6	22.8	17.1	14.2	11.4	8.5	5.7	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-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°	2.8	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°	5.7	2.8	2.8	0.0
67.5°	5.7	2.8	2.8	0.0
65°	5.7	2.8	2.8	0.0
62.5°	5.7	2.8	2.8	0.0
60°	5.7	2.8	2.8	0.0
57.5°	5.7	2.8	2.8	0.0
55°	5.7	2.8	2.8	0.0
52.5°	5.7	2.8	2.8	0.0
50°	5.7	2.8	2.8	0.0
47.5°	5.7	5.7	2.8	0.0
45°	5.7	5.7	2.8	0.0
42.5°	5.7	5.7	2.8	0.0
40°	5.7	5.7	2.8	0.0
37.5°	5.7	5.7	2.8	0.0
35°	5.7	5.7	2.8	0.0
32.5°	8.5	5.7	2.8	0.0
30°	8.5	5.7	5.7	0.0
27.5°	8.5	5.7	5.7	0.0
25°	8.5	5.7	5.7	0.0
22.5°	8.5	5.7	5.7	0.0
20°	8.5	5.7	5.7	0.0
17.5°	8.5	5.7	5.7	0.0
15°	8.5	5.7	5.7	0.0
12.5°	8.5	5.7	5.7	0.0
10°	8.5	5.7	5.7	0.0
7.5°	8.5	5.7	5.7	0.0
5°	8.5	5.7	5.7	0.0
2.5°	8.5	5.7	5.7	0.0
0°	8.5	5.7	5.7	0.0
-2.5°	8.5	5.7	5.7	0.0
-5°	8.5	5.7	5.7	0.0
-7.5°	8.5	5.7	5.7	0.0
-10°	8.5	5.7	5.7	0.0
-12.5°	11.4	5.7	5.7	0.0
-15°	11.4	5.7	5.7	0.0
-17.5°	11.4	5.7	5.7	0.0
-20°	11.4	5.7	5.7	0.0

REPORT NUMBER: P723728

CATALOG NUMBER: IFLD-S-SA3D-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	11.4	5.7	5.7	0.0
-25°	11.4	5.7	5.7	0.0
-27.5°	11.4	5.7	5.7	0.0
-30°	11.4	5.7	5.7	0.0
-32.5°	11.4	5.7	5.7	0.0
-35°	11.4	5.7	5.7	0.0
-37.5°	11.4	5.7	5.7	0.0
-40°	11.4	5.7	5.7	0.0
-42.5°	8.5	5.7	2.8	0.0
-45°	11.4	5.7	2.8	0.0
-47.5°	11.4	5.7	2.8	0.0
-50°	11.4	5.7	2.8	0.0
-52.5°	11.4	5.7	2.8	0.0
-55°	11.4	5.7	2.8	0.0
-57.5°	11.4	5.7	2.8	0.0
-60°	11.4	5.7	2.8	0.0
-62.5°	11.4	5.7	2.8	0.0
-65°	11.4	5.7	2.8	0.0
-67.5°	11.4	5.7	2.8	0.0
-70°	11.4	2.8	2.8	0.0
-72.5°	8.5	2.8	2.8	0.0
-75°	8.5	2.8	2.8	0.0
-77.5°	5.7	2.8	0.0	0.0
-80°	5.7	2.8	0.0	0.0
-82.5°	5.7	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)