

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: P723757

Luminaire Tested: **IFLD-S-SA3D-750-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723757
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-750-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	12621 lumens	Max Intensity:	296928.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	68.6 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:	4576.9 lumens	Field Lumens:	7296.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

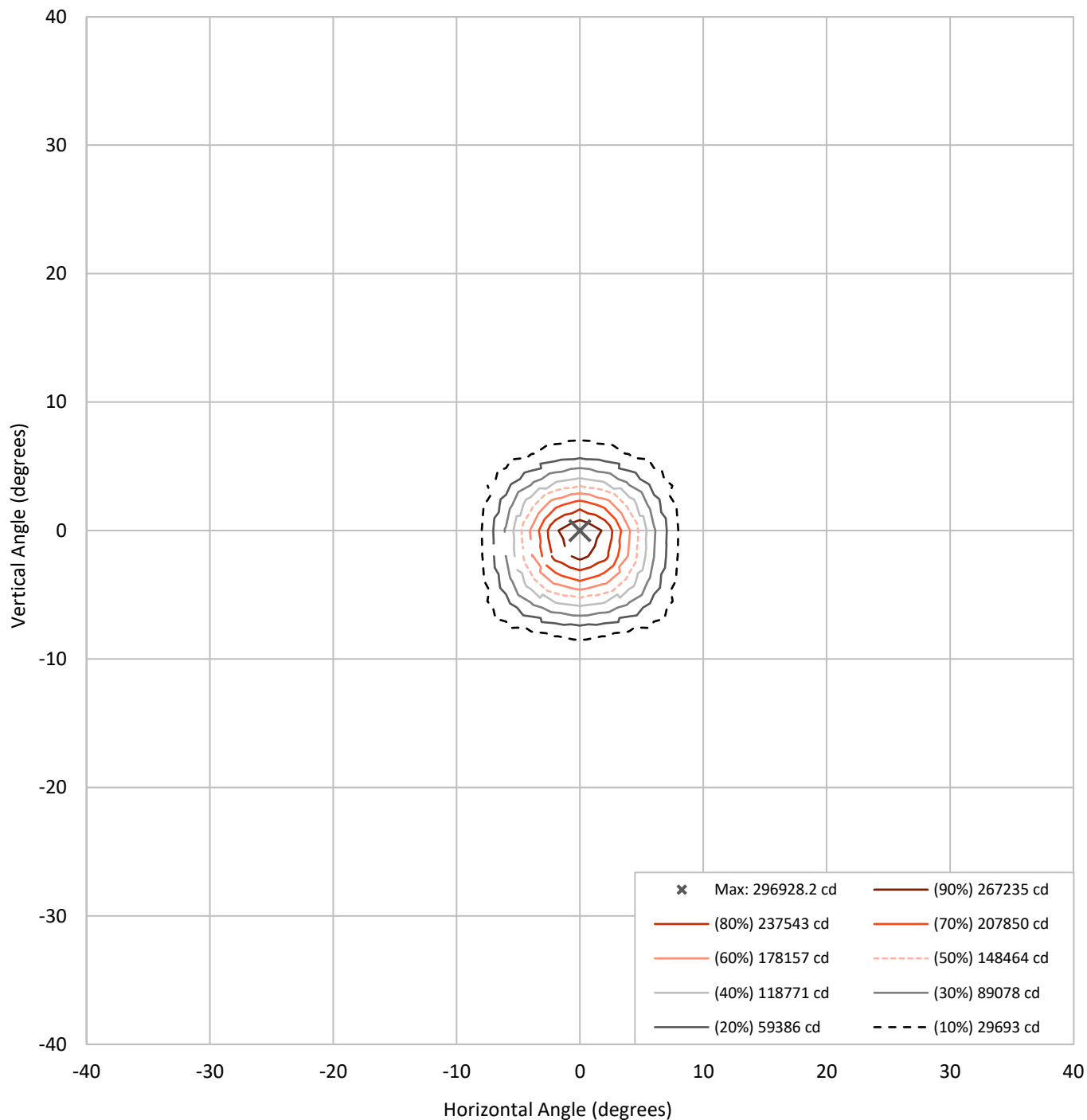
Input Watts (W): 184.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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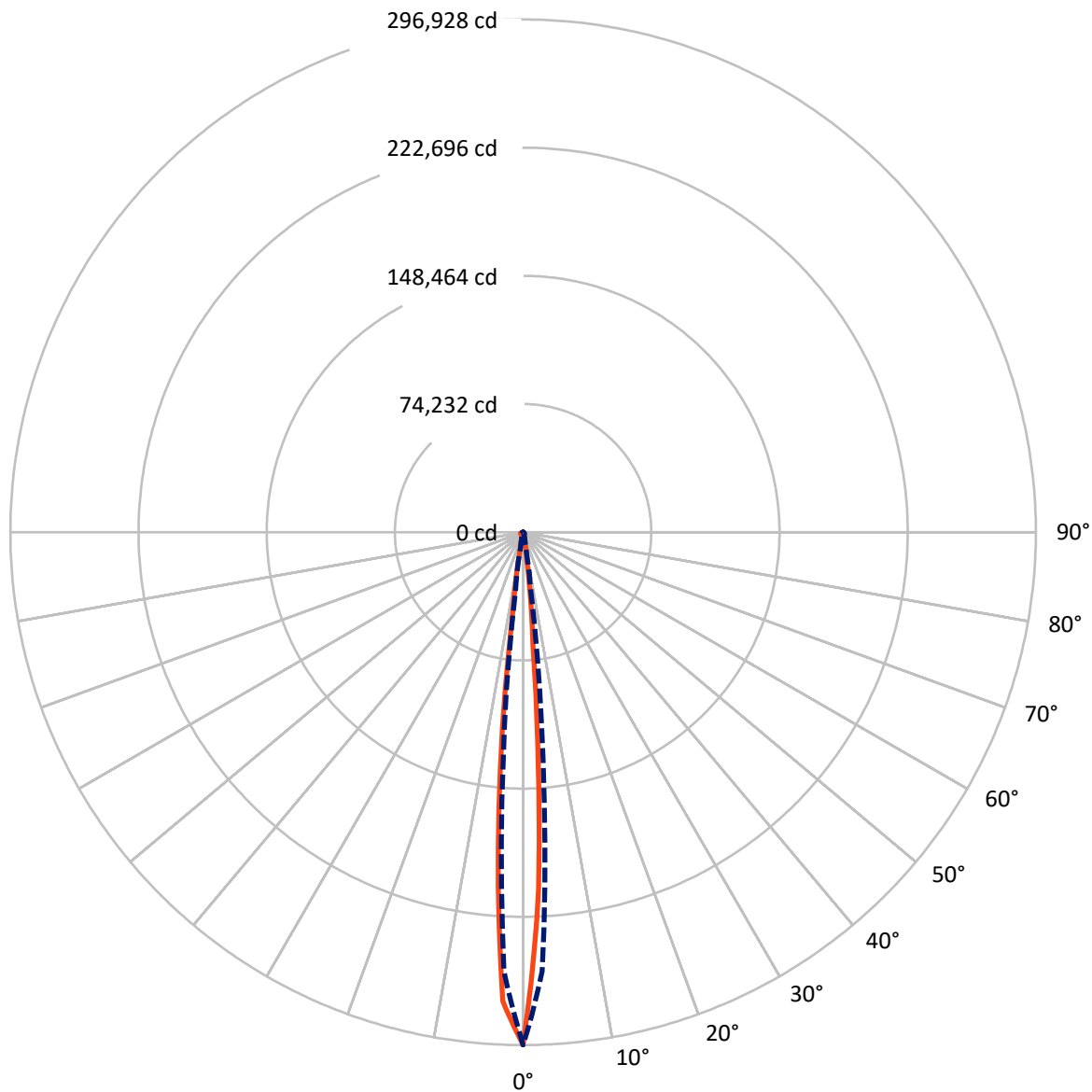
Lumen Table

Vertical Angle (degrees)																
	0.2	2.8		3.1		1.2		0.3		1.2		3.1		2.8		0.2
90																
80	0.2	2.8		3.1		1.2		0.3		1.2		3.1		2.8		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	1.5	3.2	5.3	6.8	7.8	7.8	6.8	5.3	3.2	1.5	0.6	0.4	
40	0.3	0.4	1.7	5.7	11.3	16.6	19.9	22.1	22.1	19.9	16.6	11.3	5.7	1.7	0.4	0.3
30		0.8	4.4	11.8	19.2	22.5	24.3	25.2	25.2	24.3	22.5	19.2	11.8	4.4	0.8	
20	0.5	1.6	7.5	17.2	22.2	22.9	27.0	32.5	32.5	27.0	22.9	22.2	17.2	7.5	1.6	0.5
10		2.6	10.5	21.1	23.7	26.7	47.0	80.1	80.1	47.0	26.7	23.7	21.1	10.5	2.6	
0	0.8	3.3	12.9	23.2	24.6	33.0	89.4	1656.8	1656.8	89.4	33.0	24.6	23.2	12.9	3.3	0.8
-10		3.9	14.1	24.4	25.5	34.1	96.3	2415.8	2415.8	96.3	34.1	25.5	24.4	14.1	3.9	
-20	1.2	4.2	14.5	25.7	27.6	30.8	56.0	107.5	107.5	56.0	30.8	27.6	25.7	14.5	4.2	1.2
-30		3.9	13.7	26.0	31.0	31.0	36.3	44.2	44.2	36.3	31.0	31.0	26.0	13.7	3.9	
-40	1.3	3.5	12.1	24.8	34.1	37.1	38.7	39.0	39.0	38.7	37.1	34.1	24.8	12.1	3.5	1.3
-50		3.1	9.8	21.1	32.9	39.9	44.8	46.9	46.9	44.8	39.9	32.9	21.1	9.8	3.1	
-60	1.1	2.8	7.5	16.3	28.0	37.6	43.7	46.2	46.2	43.7	37.6	28.0	16.3	7.5	2.8	1.1
-70		2.6	6.6	13.3	23.4	32.9	39.8	43.0	43.0	39.8	32.9	23.4	13.3	6.6	2.6	
-80	0.5	7.8		23.2		43.1		47.5		43.1		23.2		7.8		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



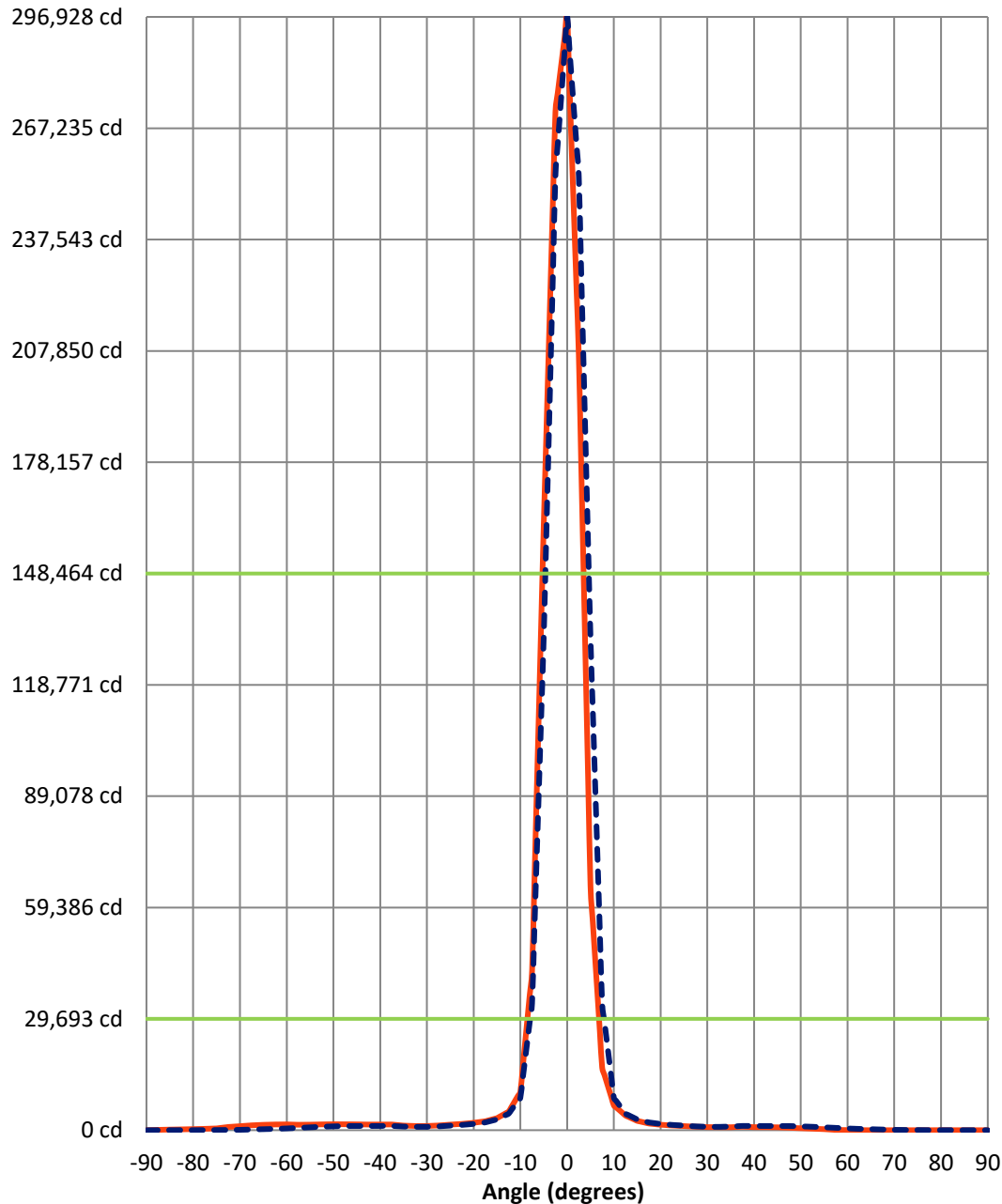
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 8.8°
Lumens: 4576.9
Efficiency: 36.3%

Field:
H Angle: 15.8°
V Angle: 15.3°
Lumens: 7296.5
Efficiency: 57.8%

Spill:
Lumens: 5324.5
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	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
85°	0.0	2.9	2.9	5.8	5.8	5.8	8.7	11.7	14.6	14.6	17.5
82.5°	0.0	2.9	2.9	5.8	5.8	8.7	8.7	14.6	17.5	20.4	26.2
80°	2.9	2.9	2.9	5.8	5.8	8.7	8.7	11.7	14.6	20.4	23.3
77.5°	0.0	2.9	2.9	2.9	5.8	5.8	5.8	8.7	11.7	14.6	17.5
75°	0.0	2.9	2.9	2.9	5.8	5.8	5.8	5.8	8.7	8.7	11.7
72.5°	0.0	0.0	0.0	2.9	2.9	5.8	5.8	5.8	8.7	8.7	8.7
70°	0.0	0.0	0.0	2.9	2.9	5.8	5.8	5.8	8.7	8.7	8.7
67.5°	0.0	0.0	0.0	2.9	2.9	5.8	5.8	5.8	8.7	8.7	8.7
65°	0.0	0.0	0.0	2.9	2.9	5.8	5.8	8.7	8.7	8.7	8.7
62.5°	2.9	2.9	2.9	5.8	8.7	8.7	11.7	14.6	14.6	14.6	14.6
60°	29.1	32.0	35.0	35.0	32.0	32.0	35.0	35.0	35.0	35.0	35.0
57.5°	78.7	84.5	87.4	87.4	87.4	84.5	96.1	99.1	87.4	81.6	90.3
55°	273.9	282.6	276.8	268.0	250.6	230.2	224.3	221.4	224.3	209.8	186.5
52.5°	399.2	407.9	405.0	399.2	387.5	372.9	361.3	349.6	338.0	314.7	288.4
50°	518.6	521.5	518.6	512.8	501.1	486.6	463.2	437.0	413.7	407.9	384.6
47.5°	652.6	661.4	661.4	658.5	649.7	623.5	588.5	550.7	533.2	527.3	504.0
45°	772.1	777.9	780.8	783.7	780.8	754.6	722.6	702.2	664.3	652.6	652.6
42.5°	804.1	807.0	810.0	812.9	821.6	801.2	775.0	740.0	731.3	728.4	722.6
40°	815.8	810.0	812.9	815.8	818.7	804.1	783.7	763.3	757.5	751.7	751.7
37.5°	926.5	900.3	879.9	862.4	847.8	833.3	812.9	795.4	780.8	769.2	780.8
35°	789.6	789.6	810.0	827.4	844.9	862.4	865.3	844.9	812.9	798.3	818.7
32.5°	807.0	807.0	807.0	812.9	818.7	833.3	847.8	856.6	879.9	853.7	853.7
30°	824.5	827.4	833.3	836.2	827.4	821.6	815.8	815.8	830.4	868.2	888.6
27.5°	926.5	926.5	917.8	906.1	879.9	839.1	818.7	789.6	792.5	810.0	859.5
25°	1092.6	1086.7	1066.3	1037.2	990.6	932.3	877.0	815.8	789.6	780.8	801.2
22.5°	1249.9	1241.2	1214.9	1188.7	1150.8	1092.6	999.3	906.1	824.5	789.6	780.8
20°	1450.9	1430.5	1401.4	1360.6	1299.4	1241.2	1159.6	1037.2	917.8	827.4	792.5
17.5°	1774.3	1748.1	1692.8	1619.9	1515.0	1424.7	1308.2	1191.6	1057.6	911.9	833.3
15°	2482.3	2415.3	2319.2	2118.1	1911.3	1739.4	1564.6	1369.4	1232.4	1040.1	920.7
12.5°	3904.1	3720.6	3440.9	2971.8	2508.5	2109.4	1826.8	1576.2	1354.8	1177.1	1008.1
10°	6607.9	6214.5	5442.4	4160.5	3306.8	2572.6	2065.7	1730.6	1450.9	1267.4	1080.9
7.5°	16711.9	13632.3	9646.7	6587.5	4326.6	3143.7	2362.9	1876.3	1552.9	1325.7	1139.2
5°	65134.6	53655.3	28622.4	11945.4	6508.8	3802.1	2630.9	1992.8	1619.9	1369.4	1182.9
2.5°	206716.9	178514.1	93657.9	25714.7	7991.8	4282.9	2814.5	2065.7	1657.8	1401.4	1214.9
0°	296928.2	254478.2	131443.3	33820.1	8667.7	4405.2	2872.7	2080.3	1663.6	1407.2	1214.9
-2.5°	271638.8	237737.2	126974.0	31471.8	8857.1	4440.2	2919.3	2129.8	1707.3	1433.5	1223.7
-5°	161405.9	141576.5	88573.8	22439.9	7869.4	4122.6	2797.0	2086.1	1678.2	1418.9	1217.9
-7.5°	42525.7	36815.2	24217.2	11709.4	5092.8	3487.5	2569.7	2013.2	1640.3	1392.7	1194.5
-10°	10252.7	9716.6	8679.4	5320.1	3965.3	2913.5	2278.4	1882.1	1564.6	1357.7	1156.7
-12.5°	4944.2	4827.7	4381.9	3612.8	2942.7	2421.1	2062.8	1745.2	1494.6	1296.5	1104.2
-15°	3216.5	3149.5	2998.0	2703.7	2362.9	2112.3	1861.7	1605.3	1407.2	1206.2	1060.5
-17.5°	2380.3	2377.4	2301.7	2191.0	2022.0	1835.5	1652.0	1488.8	1296.5	1124.6	1013.9
-20°	1972.5	1972.5	1928.7	1855.9	1736.5	1614.1	1491.7	1340.2	1182.9	1054.7	1008.1

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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°	1675.3	1678.2	1654.9	1608.3	1544.2	1442.2	1322.7	1200.4	1086.7	1040.1	1025.6
-25°	1483.0	1477.2	1450.9	1407.2	1340.2	1258.6	1180.0	1098.4	1066.3	1054.7	1075.1
-27.5°	1255.7	1264.5	1252.8	1232.4	1188.7	1130.4	1113.0	1089.7	1095.5	1113.0	1191.6
-30°	1121.7	1130.4	1142.1	1150.8	1136.3	1121.7	1127.5	1145.0	1182.9	1249.9	1279.0
-32.5°	1121.7	1124.6	1142.1	1159.6	1168.3	1180.0	1212.0	1270.3	1325.7	1308.2	1302.3
-35°	1223.7	1214.9	1238.2	1261.6	1293.6	1334.4	1369.4	1357.7	1337.3	1331.5	1337.3
-37.5°	1515.0	1459.7	1436.4	1421.8	1413.1	1407.2	1398.5	1389.7	1381.0	1375.2	1383.9
-40°	1512.1	1497.5	1483.0	1471.3	1462.6	1450.9	1445.1	1442.2	1433.5	1427.6	1421.8
-42.5°	1506.3	1512.1	1512.1	1509.2	1512.1	1509.2	1500.5	1488.8	1474.2	1462.6	1450.9
-45°	1550.0	1552.9	1558.7	1564.6	1573.3	1561.6	1544.2	1523.8	1503.4	1485.9	1471.3
-47.5°	1576.2	1579.1	1585.0	1593.7	1599.5	1587.9	1564.6	1538.3	1506.3	1477.2	1448.0
-50°	1585.0	1593.7	1596.6	1596.6	1593.7	1579.1	1544.2	1506.3	1471.3	1442.2	1416.0
-52.5°	1544.2	1552.9	1555.8	1550.0	1547.1	1532.5	1500.5	1465.5	1427.6	1407.2	1383.9
-55°	1477.2	1488.8	1497.5	1497.5	1497.5	1494.6	1465.5	1433.5	1404.3	1381.0	1357.7
-57.5°	1450.9	1471.3	1488.8	1491.7	1494.6	1497.5	1477.2	1445.1	1410.1	1375.2	1346.0
-60°	1547.1	1564.6	1573.3	1561.6	1552.9	1544.2	1512.1	1474.2	1439.3	1404.3	1349.0
-62.5°	1520.9	1550.0	1564.6	1555.8	1544.2	1529.6	1494.6	1450.9	1410.1	1372.3	1316.9
-65°	1436.4	1462.6	1480.1	1465.5	1448.0	1427.6	1395.6	1354.8	1316.9	1279.0	1229.5
-67.5°	1293.6	1331.5	1360.6	1328.6	1305.3	1279.0	1252.8	1217.9	1180.0	1136.3	1089.7
-70°	1069.3	1098.4	1124.6	1115.9	1110.0	1104.2	1086.7	1051.8	1019.7	984.8	944.0
-72.5°	859.5	885.7	909.0	894.4	882.8	865.3	839.1	801.2	763.3	725.5	687.6
-75°	474.9	483.6	492.4	489.5	489.5	489.5	489.5	492.4	486.6	477.8	460.3
-77.5°	364.2	375.8	384.6	390.4	399.2	410.8	419.5	405.0	390.4	375.8	358.4
-80°	285.5	297.2	305.9	338.0	361.3	387.5	405.0	384.6	364.2	346.7	332.1
-82.5°	215.6	224.3	233.1	250.6	262.2	276.8	288.4	288.4	285.5	282.6	273.9
-85°	157.3	169.0	180.6	186.5	195.2	195.2	198.1	186.5	174.8	166.1	154.4
-87.5°	90.3	93.2	93.2	93.2	96.1	96.1	96.1	90.3	87.4	81.6	78.7
-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°	2.9	2.9	2.9	5.8	5.8	8.7	8.7	11.7	11.7	14.6	14.6
85°	17.5	17.5	17.5	20.4	20.4	23.3	26.2	29.1	32.0	32.0	35.0
82.5°	29.1	32.0	35.0	37.9	40.8	43.7	46.6	49.5	58.3	64.1	67.0
80°	29.1	32.0	40.8	46.6	52.4	58.3	58.3	58.3	58.3	61.2	67.0
77.5°	20.4	23.3	26.2	32.0	46.6	58.3	67.0	72.8	67.0	64.1	58.3
75°	11.7	14.6	17.5	20.4	29.1	40.8	55.4	69.9	81.6	78.7	72.8
72.5°	11.7	11.7	14.6	17.5	20.4	23.3	26.2	40.8	58.3	72.8	81.6
70°	11.7	14.6	14.6	17.5	20.4	23.3	26.2	32.0	40.8	58.3	75.8
67.5°	11.7	14.6	14.6	20.4	26.2	29.1	32.0	29.1	26.2	37.9	55.4
65°	11.7	11.7	14.6	17.5	20.4	23.3	32.0	32.0	29.1	29.1	29.1
62.5°	17.5	17.5	17.5	17.5	20.4	20.4	20.4	26.2	26.2	26.2	26.2
60°	35.0	32.0	32.0	32.0	32.0	26.2	26.2	26.2	23.3	26.2	23.3
57.5°	84.5	69.9	64.1	64.1	55.4	52.4	43.7	32.0	32.0	26.2	26.2
55°	171.9	163.2	136.9	113.6	102.0	90.3	69.9	58.3	43.7	35.0	32.0
52.5°	265.1	241.8	218.5	189.4	160.2	136.9	116.5	90.3	72.8	52.4	40.8
50°	346.7	326.3	300.1	268.0	230.2	201.0	171.9	136.9	107.8	81.6	58.3
47.5°	472.0	431.2	399.2	361.3	317.6	276.8	238.9	198.1	151.5	119.5	90.3
45°	606.0	547.7	504.0	469.1	410.8	355.4	311.7	268.0	212.7	157.3	122.4
42.5°	699.2	655.5	597.3	550.7	498.2	439.9	381.7	335.1	276.8	212.7	157.3
40°	748.8	719.6	673.0	632.2	576.9	512.8	451.6	405.0	343.8	273.9	198.1
37.5°	786.6	772.1	748.8	716.7	664.3	588.5	527.3	472.0	419.5	338.0	256.4
35°	830.4	827.4	812.9	798.3	754.6	681.8	608.9	544.8	480.7	405.0	314.7
32.5°	871.1	868.2	859.5	853.7	836.2	772.1	693.4	620.6	547.7	469.1	370.0
30°	891.5	885.7	885.7	891.5	874.1	833.3	775.0	696.3	614.8	521.5	428.3
27.5°	891.5	885.7	888.6	897.4	894.4	874.1	830.4	766.3	675.9	571.0	480.7
25°	853.7	882.8	882.8	894.4	897.4	891.5	868.2	827.4	734.2	623.5	521.5
22.5°	801.2	871.1	897.4	894.4	897.4	911.9	914.8	877.0	789.6	675.9	562.3
20°	801.2	850.7	926.5	906.1	911.9	944.0	958.5	926.5	847.8	725.5	603.1
17.5°	818.7	850.7	914.8	946.9	955.6	981.9	1005.2	984.8	900.3	777.9	658.5
15°	868.2	862.4	906.1	984.8	999.3	1019.7	1046.0	1022.6	946.9	836.2	710.9
12.5°	903.2	871.1	906.1	990.6	1037.2	1057.6	1066.3	1048.9	987.7	888.6	763.3
10°	949.8	894.4	911.9	984.8	1051.8	1066.3	1075.1	1069.3	1025.6	932.3	810.0
7.5°	984.8	906.1	906.1	976.0	1066.3	1078.0	1083.8	1089.7	1057.6	970.2	850.7
5°	999.3	906.1	900.3	967.3	1080.9	1092.6	1092.6	1101.3	1080.9	999.3	879.9
2.5°	1002.2	903.2	894.4	961.5	1107.1	1107.1	1101.3	1110.0	1098.4	1016.8	900.3
0°	1016.8	900.3	891.5	970.2	1136.3	1124.6	1110.0	1113.0	1107.1	1025.6	911.9
-2.5°	1016.8	914.8	903.2	976.0	1133.4	1130.4	1124.6	1127.5	1121.7	1051.8	935.2
-5°	1031.4	935.2	923.6	1002.2	1130.4	1139.2	1142.1	1142.1	1133.4	1069.3	949.8
-7.5°	1034.3	949.8	946.9	1028.5	1136.3	1150.8	1159.6	1165.4	1147.9	1080.9	961.5
-10°	1019.7	955.6	970.2	1060.5	1142.1	1162.5	1180.0	1188.7	1159.6	1086.7	967.3
-12.5°	987.7	955.6	993.5	1101.3	1156.7	1180.0	1206.2	1209.1	1171.2	1089.7	970.2
-15°	984.8	978.9	1034.3	1142.1	1165.4	1194.5	1235.3	1226.6	1180.0	1089.7	970.2
-17.5°	981.9	1011.0	1095.5	1156.7	1180.0	1212.0	1244.1	1235.3	1185.8	1089.7	964.4
-20°	1008.1	1063.4	1168.3	1171.2	1197.5	1232.4	1249.9	1232.4	1177.1	1080.9	955.6

REPORT NUMBER: P723757

CATALOG NUMBER: IFLD-S-SA3D-750-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°	1051.8	1156.7	1191.6	1203.3	1226.6	1252.8	1261.6	1235.3	1168.3	1066.3	941.1
-25°	1162.5	1214.9	1214.9	1241.2	1264.5	1276.1	1267.4	1238.2	1156.7	1051.8	926.5
-27.5°	1247.0	1244.1	1258.6	1284.9	1305.3	1305.3	1281.9	1223.7	1139.2	1037.2	906.1
-30°	1279.0	1281.9	1302.3	1331.5	1337.3	1322.7	1287.8	1212.0	1124.6	1013.9	879.9
-32.5°	1311.1	1322.7	1349.0	1363.5	1366.4	1337.3	1273.2	1191.6	1101.3	987.7	850.7
-35°	1349.0	1372.3	1386.8	1389.7	1375.2	1325.7	1252.8	1165.4	1066.3	949.8	824.5
-37.5°	1398.5	1410.1	1418.9	1407.2	1366.4	1308.2	1217.9	1130.4	1034.3	909.0	786.6
-40°	1430.5	1436.4	1439.3	1401.4	1351.9	1267.4	1180.0	1089.7	978.9	862.4	745.9
-42.5°	1450.9	1445.1	1421.8	1381.0	1308.2	1226.6	1142.1	1040.1	929.4	815.8	702.2
-45°	1445.1	1424.7	1389.7	1340.2	1264.5	1182.9	1083.8	981.9	877.0	766.3	652.6
-47.5°	1421.8	1389.7	1346.0	1287.8	1217.9	1118.8	1019.7	920.7	818.7	710.9	606.0
-50°	1392.7	1354.8	1302.3	1229.5	1136.3	1046.0	955.6	859.5	754.6	655.5	562.3
-52.5°	1360.6	1319.8	1252.8	1171.2	1069.3	976.0	888.6	795.4	699.2	606.0	524.4
-55°	1325.7	1284.9	1209.1	1115.9	1013.9	911.9	827.4	748.8	655.5	565.2	492.4
-57.5°	1308.2	1255.7	1177.1	1083.8	976.0	871.1	798.3	713.8	629.3	536.1	466.2
-60°	1293.6	1241.2	1168.3	1060.5	958.5	859.5	775.0	693.4	603.1	515.7	445.8
-62.5°	1252.8	1197.5	1130.4	1025.6	926.5	836.2	760.4	664.3	576.9	495.3	431.2
-65°	1171.2	1113.0	1054.7	961.5	871.1	786.6	710.9	623.5	541.9	472.0	416.6
-67.5°	1043.0	993.5	941.1	862.4	786.6	710.9	641.0	565.2	498.2	448.7	419.5
-70°	900.3	847.8	795.4	731.3	667.2	606.0	550.7	495.3	451.6	425.4	402.1
-72.5°	655.5	632.2	606.0	556.5	504.0	466.2	439.9	416.6	384.6	361.3	346.7
-75°	437.0	405.0	364.2	346.7	349.6	343.8	329.2	311.7	297.2	288.4	268.0
-77.5°	340.9	323.4	303.0	282.6	273.9	265.1	253.5	238.9	227.3	206.9	177.7
-80°	314.7	300.1	285.5	271.0	256.4	236.0	212.7	189.4	177.7	169.0	166.1
-82.5°	259.3	241.8	224.3	209.8	189.4	174.8	160.2	148.6	148.6	145.7	142.8
-85°	148.6	142.8	134.0	128.2	122.4	113.6	104.9	99.1	96.1	93.2	90.3
-87.5°	75.8	72.8	67.0	64.1	61.2	58.3	52.4	49.5	46.6	46.6	43.7
-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-750-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°	14.6	14.6	11.7	11.7	11.7	8.7	5.8	5.8	2.9	2.9	0.0
85°	35.0	29.1	26.2	23.3	23.3	17.5	11.7	8.7	5.8	2.9	2.9
82.5°	67.0	58.3	49.5	43.7	35.0	26.2	20.4	14.6	8.7	5.8	2.9
80°	75.8	75.8	72.8	61.2	49.5	37.9	26.2	17.5	11.7	8.7	5.8
77.5°	58.3	64.1	64.1	64.1	61.2	46.6	32.0	20.4	11.7	8.7	5.8
75°	67.0	58.3	55.4	58.3	55.4	46.6	37.9	23.3	14.6	11.7	5.8
72.5°	81.6	69.9	61.2	58.3	52.4	43.7	35.0	26.2	14.6	11.7	8.7
70°	75.8	72.8	67.0	61.2	52.4	43.7	35.0	26.2	17.5	11.7	8.7
67.5°	67.0	67.0	67.0	61.2	52.4	40.8	32.0	23.3	17.5	11.7	8.7
65°	46.6	55.4	61.2	58.3	52.4	40.8	32.0	23.3	17.5	14.6	8.7
62.5°	29.1	37.9	49.5	55.4	49.5	40.8	29.1	23.3	17.5	14.6	8.7
60°	26.2	29.1	35.0	43.7	46.6	37.9	29.1	20.4	17.5	14.6	8.7
57.5°	26.2	26.2	29.1	35.0	37.9	35.0	26.2	17.5	17.5	14.6	11.7
55°	29.1	26.2	26.2	29.1	32.0	32.0	26.2	17.5	17.5	14.6	11.7
52.5°	35.0	29.1	26.2	26.2	26.2	29.1	23.3	17.5	17.5	14.6	11.7
50°	43.7	35.0	32.0	26.2	26.2	26.2	23.3	17.5	14.6	14.6	11.7
47.5°	58.3	46.6	35.0	32.0	26.2	23.3	20.4	17.5	14.6	14.6	11.7
45°	87.4	55.4	46.6	35.0	29.1	26.2	23.3	17.5	14.6	14.6	11.7
42.5°	119.5	81.6	58.3	40.8	32.0	26.2	23.3	20.4	14.6	14.6	11.7
40°	151.5	110.7	72.8	52.4	37.9	29.1	23.3	20.4	17.5	14.6	11.7
37.5°	186.5	136.9	96.1	67.0	43.7	32.0	26.2	20.4	17.5	14.6	11.7
35°	230.2	171.9	119.5	81.6	52.4	37.9	29.1	20.4	17.5	14.6	11.7
32.5°	279.7	203.9	142.8	99.1	67.0	46.6	32.0	23.3	17.5	14.6	11.7
30°	326.3	241.8	169.0	119.5	81.6	52.4	35.0	23.3	17.5	14.6	8.7
27.5°	372.9	279.7	201.0	139.8	99.1	61.2	37.9	26.2	17.5	14.6	11.7
25°	419.5	317.6	233.1	160.2	113.6	72.8	46.6	29.1	17.5	14.6	11.7
22.5°	460.3	355.4	262.2	183.6	131.1	84.5	52.4	32.0	20.4	14.6	11.7
20°	507.0	396.2	294.3	209.8	145.7	96.1	58.3	35.0	20.4	14.6	11.7
17.5°	550.7	437.0	326.3	233.1	163.2	107.8	67.0	37.9	23.3	14.6	11.7
15°	594.4	474.9	355.4	256.4	180.6	119.5	72.8	40.8	26.2	14.6	11.7
12.5°	635.1	509.9	381.7	276.8	195.2	131.1	78.7	43.7	29.1	14.6	11.7
10°	673.0	541.9	407.9	294.3	209.8	139.8	84.5	49.5	32.0	14.6	11.7
7.5°	710.9	568.1	428.3	311.7	227.3	151.5	90.3	52.4	35.0	17.5	11.7
5°	734.2	591.4	445.8	326.3	241.8	163.2	96.1	55.4	37.9	17.5	11.7
2.5°	754.6	608.9	457.4	340.9	256.4	171.9	96.1	58.3	40.8	17.5	11.7
0°	766.3	620.6	466.2	349.6	268.0	177.7	99.1	61.2	43.7	17.5	11.7
-2.5°	792.5	641.0	486.6	361.3	279.7	195.2	104.9	64.1	46.6	20.4	11.7
-5°	810.0	652.6	501.1	372.9	288.4	212.7	113.6	69.9	52.4	26.2	14.6
-7.5°	824.5	664.3	512.8	378.8	297.2	218.5	116.5	72.8	55.4	29.1	14.6
-10°	827.4	670.1	521.5	387.5	303.0	227.3	119.5	75.8	58.3	32.0	14.6
-12.5°	830.4	675.9	524.4	393.3	308.8	233.1	122.4	78.7	61.2	35.0	14.6
-15°	827.4	673.0	524.4	399.2	311.7	227.3	128.2	81.6	64.1	37.9	14.6
-17.5°	821.6	670.1	521.5	396.2	308.8	221.4	131.1	87.4	64.1	40.8	17.5
-20°	812.9	661.4	515.7	393.3	305.9	215.6	134.0	90.3	67.0	40.8	17.5



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CATALOG NUMBER: IFLD-S-SA3D-750-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	798.3	646.8	504.0	384.6	300.1	209.8	134.0	96.1	69.9	40.8	17.5
-25°	780.8	632.2	492.4	372.9	291.4	201.0	134.0	99.1	72.8	40.8	17.5
-27.5°	760.4	617.7	474.9	364.2	279.7	195.2	134.0	102.0	75.8	40.8	17.5
-30°	737.1	597.3	460.3	349.6	271.0	195.2	136.9	104.9	78.7	40.8	17.5
-32.5°	713.8	576.9	442.9	338.0	259.3	192.3	136.9	107.8	81.6	37.9	20.4
-35°	687.6	553.6	428.3	329.2	250.6	186.5	139.8	107.8	78.7	37.9	20.4
-37.5°	655.5	524.4	413.7	320.5	244.7	180.6	139.8	110.7	75.8	37.9	20.4
-40°	620.6	501.1	396.2	308.8	236.0	177.7	139.8	110.7	72.8	37.9	23.3
-42.5°	582.7	474.9	378.8	297.2	227.3	174.8	139.8	110.7	69.9	37.9	23.3
-45°	547.7	448.7	358.4	282.6	218.5	174.8	139.8	107.8	64.1	40.8	23.3
-47.5°	509.9	419.5	335.1	268.0	215.6	171.9	136.9	102.0	58.3	40.8	23.3
-50°	477.8	390.4	317.6	253.5	209.8	174.8	139.8	93.2	58.3	40.8	23.3
-52.5°	445.8	370.0	297.2	247.6	203.9	177.7	136.9	87.4	58.3	40.8	23.3
-55°	419.5	349.6	285.5	238.9	209.8	183.6	131.1	78.7	58.3	40.8	23.3
-57.5°	399.2	338.0	276.8	241.8	218.5	177.7	122.4	75.8	58.3	37.9	23.3
-60°	384.6	326.3	279.7	253.5	221.4	169.0	116.5	75.8	58.3	37.9	20.4
-62.5°	372.9	329.2	294.3	262.2	209.8	157.3	110.7	75.8	52.4	35.0	20.4
-65°	375.8	340.9	300.1	250.6	201.0	145.7	102.0	72.8	49.5	32.0	20.4
-67.5°	384.6	332.1	282.6	236.0	180.6	131.1	93.2	67.0	46.6	32.0	20.4
-70°	355.4	305.9	256.4	201.0	154.4	113.6	87.4	61.2	40.8	29.1	20.4
-72.5°	320.5	256.4	203.9	163.2	131.1	104.9	78.7	55.4	37.9	26.2	17.5
-75°	233.1	186.5	151.5	136.9	116.5	93.2	69.9	49.5	35.0	26.2	17.5
-77.5°	166.1	154.4	139.8	125.3	104.9	81.6	61.2	46.6	32.0	23.3	14.6
-80°	163.2	148.6	131.1	107.8	87.4	69.9	52.4	40.8	29.1	20.4	11.7
-82.5°	136.9	116.5	99.1	81.6	67.0	55.4	43.7	32.0	23.3	14.6	8.7
-85°	84.5	72.8	64.1	55.4	46.6	37.9	29.1	20.4	14.6	8.7	5.8
-87.5°	40.8	37.9	32.0	26.2	23.3	17.5	14.6	11.7	8.7	5.8	2.9
-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: P723757

CATALOG NUMBER: IFLD-S-SA3D-750-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°	2.9	0.0	0.0	0.0
80°	2.9	0.0	0.0	0.0
77.5°	2.9	0.0	0.0	0.0
75°	2.9	2.9	0.0	0.0
72.5°	2.9	2.9	0.0	0.0
70°	5.8	2.9	2.9	0.0
67.5°	5.8	2.9	2.9	0.0
65°	5.8	2.9	2.9	0.0
62.5°	5.8	2.9	2.9	0.0
60°	5.8	2.9	2.9	0.0
57.5°	5.8	2.9	2.9	0.0
55°	5.8	2.9	2.9	0.0
52.5°	5.8	2.9	2.9	0.0
50°	5.8	2.9	2.9	0.0
47.5°	5.8	5.8	2.9	0.0
45°	5.8	5.8	2.9	0.0
42.5°	5.8	5.8	2.9	0.0
40°	5.8	5.8	2.9	0.0
37.5°	5.8	5.8	2.9	0.0
35°	5.8	5.8	2.9	0.0
32.5°	8.7	5.8	2.9	0.0
30°	8.7	5.8	5.8	0.0
27.5°	8.7	5.8	5.8	0.0
25°	8.7	5.8	5.8	0.0
22.5°	8.7	5.8	5.8	0.0
20°	8.7	5.8	5.8	0.0
17.5°	8.7	5.8	5.8	0.0
15°	8.7	5.8	5.8	0.0
12.5°	8.7	5.8	5.8	0.0
10°	8.7	5.8	5.8	0.0
7.5°	8.7	5.8	5.8	0.0
5°	8.7	5.8	5.8	0.0
2.5°	8.7	5.8	5.8	0.0
0°	8.7	5.8	5.8	0.0
-2.5°	8.7	5.8	5.8	0.0
-5°	8.7	5.8	5.8	0.0
-7.5°	8.7	5.8	5.8	0.0
-10°	8.7	5.8	5.8	0.0
-12.5°	11.7	5.8	5.8	0.0
-15°	11.7	5.8	5.8	0.0
-17.5°	11.7	5.8	5.8	0.0
-20°	11.7	5.8	5.8	0.0

REPORT NUMBER: P723757

CATALOG NUMBER: IFLD-S-SA3D-750-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	11.7	5.8	5.8	0.0
-25°	11.7	5.8	5.8	0.0
-27.5°	11.7	5.8	5.8	0.0
-30°	11.7	5.8	5.8	0.0
-32.5°	11.7	5.8	5.8	0.0
-35°	11.7	5.8	5.8	0.0
-37.5°	11.7	5.8	5.8	0.0
-40°	11.7	5.8	5.8	0.0
-42.5°	8.7	5.8	2.9	0.0
-45°	11.7	5.8	2.9	0.0
-47.5°	11.7	5.8	2.9	0.0
-50°	11.7	5.8	2.9	0.0
-52.5°	11.7	5.8	2.9	0.0
-55°	11.7	5.8	2.9	0.0
-57.5°	11.7	5.8	2.9	0.0
-60°	11.7	5.8	2.9	0.0
-62.5°	11.7	5.8	2.9	0.0
-65°	11.7	5.8	2.9	0.0
-67.5°	11.7	5.8	2.9	0.0
-70°	11.7	2.9	2.9	0.0
-72.5°	8.7	2.9	2.9	0.0
-75°	8.7	2.9	2.9	0.0
-77.5°	5.8	2.9	0.0	0.0
-80°	5.8	2.9	0.0	0.0
-82.5°	5.8	2.9	0.0	0.0
-85°	2.9	0.0	0.0	0.0
-87.5°	2.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)