

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: P723670

Luminaire Tested: **IFLD-S-SA3D-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723670
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	11235.4 lumens	Max Intensity:	264329.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	61.0 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:	4074.4 lumens	Field Lumens:	6495.4 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

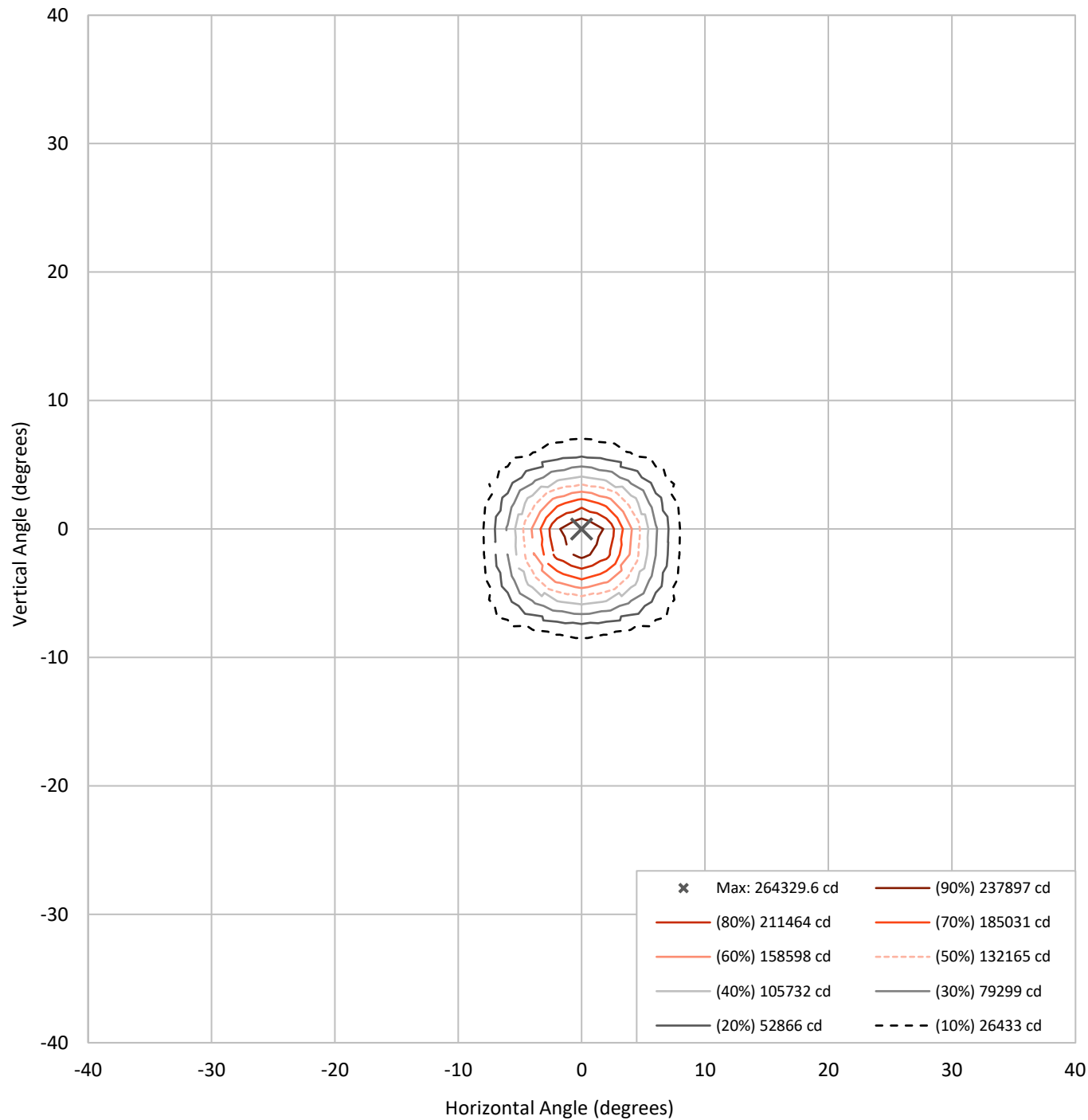
Input Watts (W): 184.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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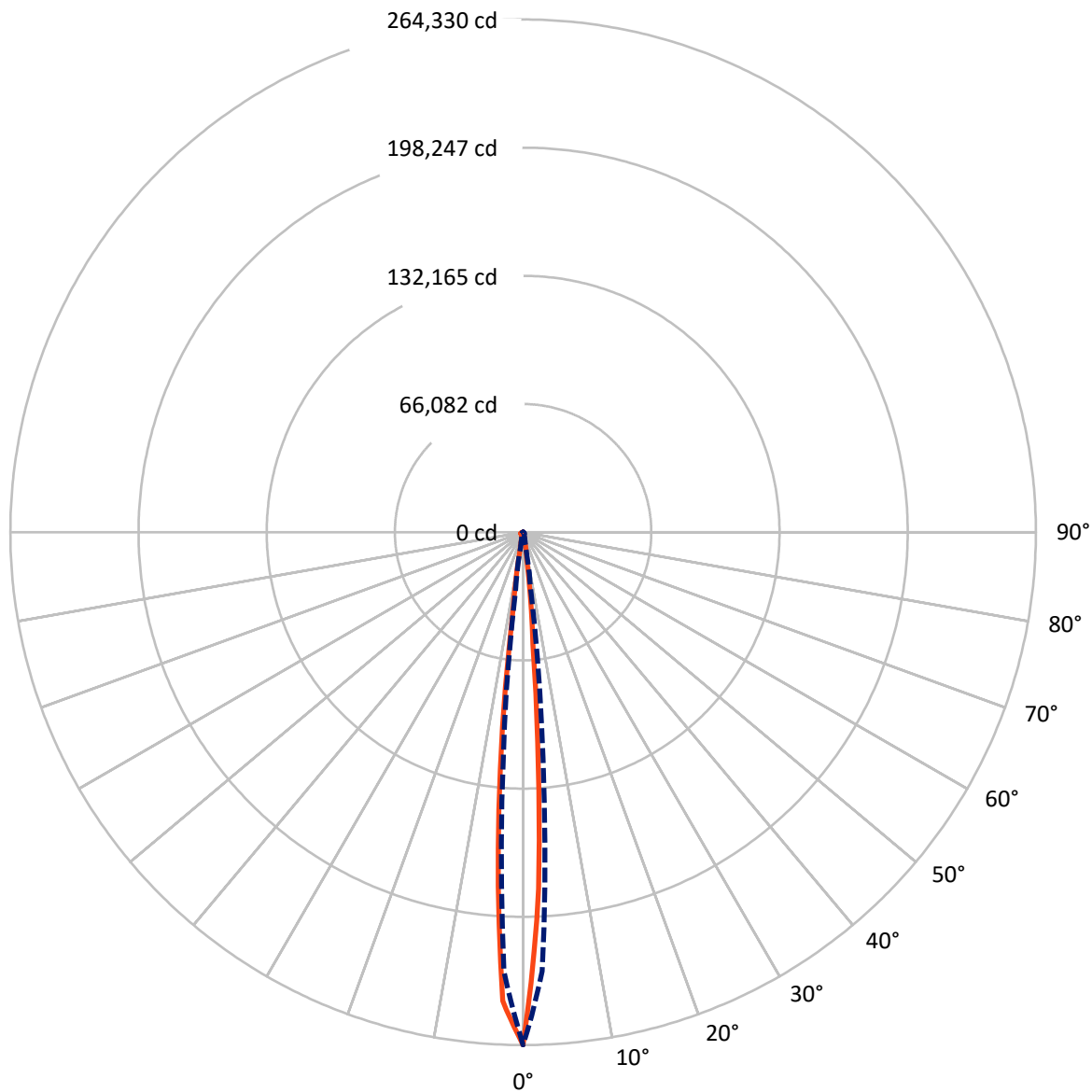
Lumen Table

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	19.7	19.7	17.7	14.7	10.1	5.1	1.5	0.4	0.3			
30		0.8	3.9	10.5	17.1	20.1	21.7	22.4	22.4	21.7	20.1	17.1	10.5	3.9	0.8				
20	0.4	1.5	6.7	15.3	19.8	20.4	24.1	29.0	29.0	24.1	20.4	19.8	15.3	6.7	1.5	0.4			
10		2.3	9.3	18.8	21.1	23.8	41.9	71.3	71.3	41.9	23.8	21.1	18.8	9.3	2.3				
0	0.8	3.0	11.5	20.6	21.9	29.4	79.6	1474.9	1474.9	79.6	29.4	21.9	20.6	11.5	3.0	0.8			
-10		3.5	12.5	21.7	22.7	30.4	85.7	2150.6	2150.6	85.7	30.4	22.7	21.7	12.5	3.5				
-20	1.1	3.7	12.9	22.8	24.6	27.4	49.8	95.7	95.7	49.8	27.4	24.6	22.8	12.9	3.7	1.1			
-30		3.5	12.2	23.1	27.6	27.6	32.3	39.4	39.4	32.3	27.6	27.6	23.1	12.2	3.5				
-40	1.2	3.1	10.8	22.1	30.3	33.1	34.4	34.7	34.7	34.4	33.1	30.3	22.1	10.8	3.1	1.2			
-50		2.7	8.7	18.8	29.2	35.6	39.9	41.8	41.8	39.9	35.6	29.2	18.8	8.7	2.7				
-60	0.9	2.5	6.7	14.6	24.9	33.5	38.9	41.2	41.2	38.9	33.5	24.9	14.6	6.7	2.5	0.9			
-70		2.3	5.9	11.9	20.8	29.3	35.4	38.3	38.3	35.4	29.3	20.8	11.9	5.9	2.3				
-80	0.4	7.0		20.7		38.3		42.3		38.3		20.7		7.0		0.4			
-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



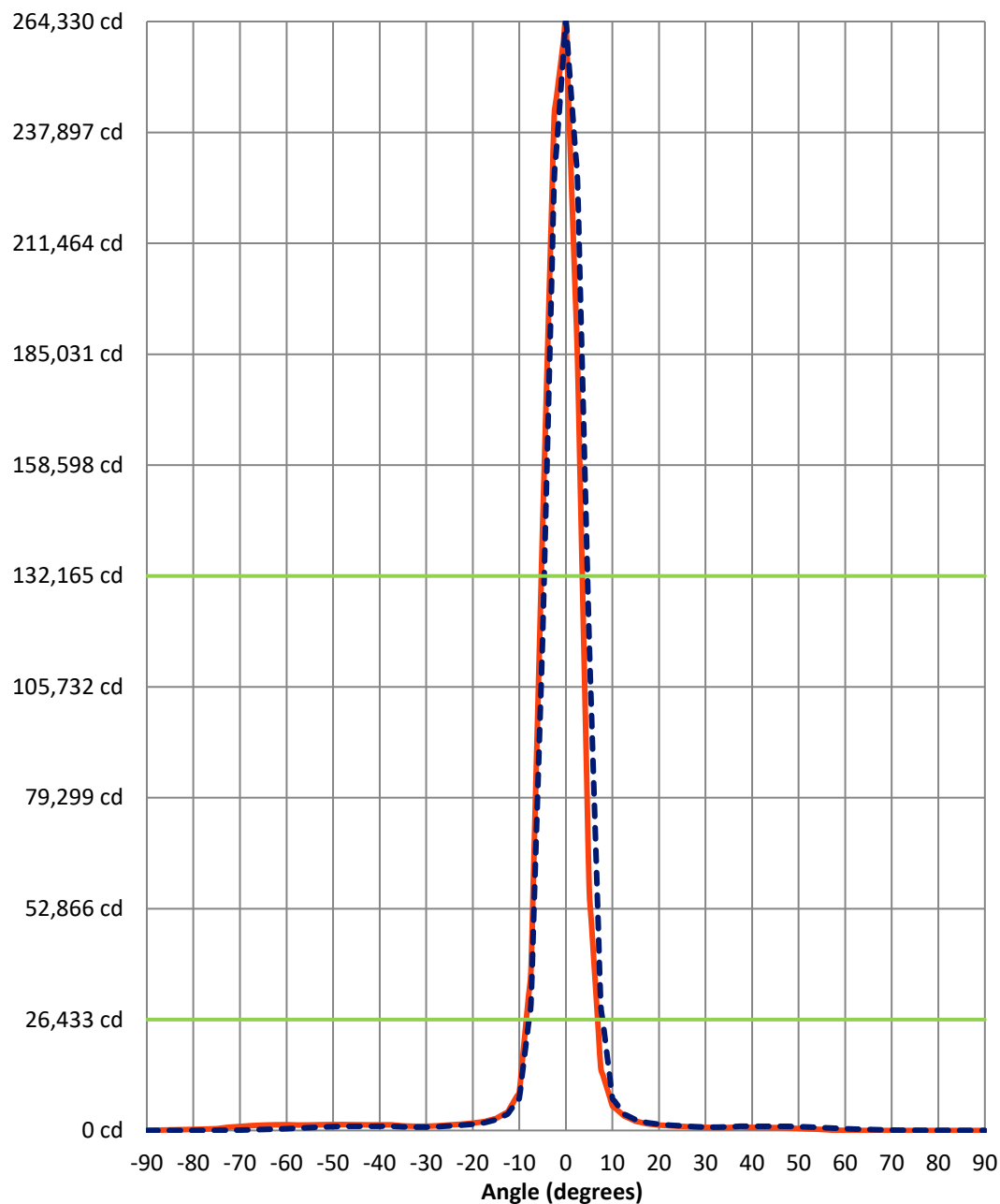
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 4074.4

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 6495.4

Efficiency: 57.8%

Spill:

Lumens: 4740

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	13.0	13.0	15.6
82.5°	0.0	2.6	2.6	5.2	5.2	7.8	7.8	13.0	15.6	18.2	23.3
80°	2.6	2.6	2.6	5.2	5.2	7.8	7.8	10.4	13.0	18.2	20.7
77.5°	0.0	2.6	2.6	2.6	5.2	5.2	5.2	7.8	10.4	13.0	15.6
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	13.0	13.0	13.0	13.0
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°	70.0	75.2	77.8	77.8	77.8	75.2	85.6	88.2	77.8	72.6	80.4
55°	243.8	251.6	246.4	238.6	223.1	204.9	199.7	197.1	199.7	186.7	166.0
52.5°	355.3	363.1	360.5	355.3	345.0	332.0	321.6	311.2	300.9	280.1	256.8
50°	461.7	464.3	461.7	456.5	446.1	433.1	412.4	389.0	368.3	363.1	342.4
47.5°	581.0	588.8	588.8	586.2	578.4	555.0	523.9	490.2	474.6	469.5	448.7
45°	687.3	692.5	695.1	697.7	695.1	671.8	643.2	625.1	591.4	581.0	581.0
42.5°	715.8	718.4	721.0	723.6	731.4	713.3	689.9	658.8	651.0	648.4	643.2
40°	726.2	721.0	723.6	726.2	728.8	715.8	697.7	679.5	674.4	669.2	669.2
37.5°	824.8	801.4	783.3	767.7	754.8	741.8	723.6	708.1	695.1	684.7	695.1
35°	702.9	702.9	721.0	736.6	752.2	767.7	770.3	752.2	723.6	710.7	728.8
32.5°	718.4	718.4	718.4	723.6	728.8	741.8	754.8	762.5	783.3	759.9	759.9
30°	734.0	736.6	741.8	744.4	736.6	731.4	726.2	726.2	739.2	772.9	791.1
27.5°	824.8	824.8	817.0	806.6	783.3	747.0	728.8	702.9	705.5	721.0	765.1
25°	972.6	967.4	949.3	923.3	881.8	830.0	780.7	726.2	702.9	695.1	713.3
22.5°	1112.7	1104.9	1081.6	1058.2	1024.5	972.6	889.6	806.6	734.0	702.9	695.1
20°	1291.6	1273.5	1247.5	1211.2	1156.8	1104.9	1032.3	923.3	817.0	736.6	705.5
17.5°	1579.5	1556.2	1506.9	1442.1	1348.7	1268.3	1164.6	1060.8	941.5	811.8	741.8
15°	2209.8	2150.1	2064.5	1885.6	1701.4	1548.4	1392.8	1219.0	1097.1	925.9	819.6
12.5°	3475.5	3312.1	3063.1	2645.5	2233.1	1877.8	1626.2	1403.2	1206.0	1047.8	897.4
10°	5882.4	5532.3	4844.9	3703.7	2943.8	2290.2	1838.9	1540.6	1291.6	1128.2	962.2
7.5°	14877.2	12135.7	8587.6	5864.3	3851.6	2798.6	2103.5	1670.3	1382.4	1180.1	1014.1
5°	57983.7	47764.7	25480.1	10634.0	5794.2	3384.7	2342.1	1774.1	1442.1	1219.0	1053.0
2.5°	184022.3	158915.8	83375.6	22891.6	7114.4	3812.7	2505.5	1838.9	1475.8	1247.5	1081.6
0°	264329.6	226540.1	117012.7	30107.1	7716.1	3921.6	2557.3	1851.9	1481.0	1252.7	1081.6
-2.5°	241816.7	211637.0	113034.0	28016.6	7884.7	3952.7	2598.8	1896.0	1519.9	1276.1	1089.3
-5°	143685.8	126033.4	78849.7	19976.3	7005.5	3670.0	2489.9	1857.1	1493.9	1263.1	1084.1
-7.5°	37857.0	32773.4	21558.5	10423.9	4533.7	3104.6	2287.6	1792.2	1460.2	1239.8	1063.4
-10°	9127.1	8649.8	7726.5	4736.0	3530.0	2593.7	2028.2	1675.5	1392.8	1208.6	1029.7
-12.5°	4401.4	4297.7	3900.9	3216.1	2619.6	2155.3	1836.3	1553.6	1330.5	1154.2	983.0
-15°	2863.4	2803.7	2668.9	2406.9	2103.5	1880.4	1657.3	1429.1	1252.7	1073.8	944.1
-17.5°	2119.0	2116.4	2049.0	1950.4	1800.0	1634.0	1470.6	1325.4	1154.2	1001.2	902.6
-20°	1755.9	1755.9	1717.0	1652.2	1545.8	1436.9	1328.0	1193.1	1053.0	938.9	897.4

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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°	1491.4	1493.9	1473.2	1431.7	1374.6	1283.9	1177.5	1068.6	967.4	925.9	913.0
-25°	1320.2	1315.0	1291.6	1252.7	1193.1	1120.5	1050.4	977.8	949.3	938.9	957.1
-27.5°	1117.9	1125.6	1115.3	1097.1	1058.2	1006.3	990.8	970.0	975.2	990.8	1060.8
-30°	998.6	1006.3	1016.7	1024.5	1011.5	998.6	1003.7	1019.3	1053.0	1112.7	1138.6
-32.5°	998.6	1001.2	1016.7	1032.3	1040.1	1050.4	1079.0	1130.8	1180.1	1164.6	1159.4
-35°	1089.3	1081.6	1102.3	1123.1	1151.6	1187.9	1219.0	1208.6	1190.5	1185.3	1190.5
-37.5°	1348.7	1299.4	1278.7	1265.7	1257.9	1252.7	1245.0	1237.2	1229.4	1224.2	1232.0
-40°	1346.1	1333.1	1320.2	1309.8	1302.0	1291.6	1286.5	1283.9	1276.1	1270.9	1265.7
-42.5°	1340.9	1346.1	1346.1	1343.5	1346.1	1343.5	1335.7	1325.4	1312.4	1302.0	1291.6
-45°	1379.8	1382.4	1387.6	1392.8	1400.6	1390.2	1374.6	1356.5	1338.3	1322.8	1309.8
-47.5°	1403.2	1405.8	1410.9	1418.7	1423.9	1413.5	1392.8	1369.4	1340.9	1315.0	1289.0
-50°	1410.9	1418.7	1421.3	1421.3	1418.7	1405.8	1374.6	1340.9	1309.8	1283.9	1260.5
-52.5°	1374.6	1382.4	1385.0	1379.8	1377.2	1364.3	1335.7	1304.6	1270.9	1252.7	1232.0
-55°	1315.0	1325.4	1333.1	1333.1	1333.1	1330.5	1304.6	1276.1	1250.1	1229.4	1208.6
-57.5°	1291.6	1309.8	1325.4	1328.0	1330.5	1333.1	1315.0	1286.5	1255.3	1224.2	1198.3
-60°	1377.2	1392.8	1400.6	1390.2	1382.4	1374.6	1346.1	1312.4	1281.3	1250.1	1200.9
-62.5°	1353.9	1379.8	1392.8	1385.0	1374.6	1361.7	1330.5	1291.6	1255.3	1221.6	1172.3
-65°	1278.7	1302.0	1317.6	1304.6	1289.0	1270.9	1242.4	1206.0	1172.3	1138.6	1094.5
-67.5°	1151.6	1185.3	1211.2	1182.7	1162.0	1138.6	1115.3	1084.1	1050.4	1011.5	970.0
-70°	951.9	977.8	1001.2	993.4	988.2	983.0	967.4	936.3	907.8	876.7	840.3
-72.5°	765.1	788.5	809.2	796.3	785.9	770.3	747.0	713.3	679.5	645.8	612.1
-75°	422.8	430.5	438.3	435.7	435.7	435.7	435.7	438.3	433.1	425.4	409.8
-77.5°	324.2	334.6	342.4	347.5	355.3	365.7	373.5	360.5	347.5	334.6	319.0
-80°	254.2	264.6	272.3	300.9	321.6	345.0	360.5	342.4	324.2	308.6	295.7
-82.5°	191.9	199.7	207.5	223.1	233.4	246.4	256.8	256.8	254.2	251.6	243.8
-85°	140.1	150.4	160.8	166.0	173.8	173.8	176.4	166.0	155.6	147.8	137.5
-87.5°	80.4	83.0	83.0	83.0	85.6	85.6	85.6	80.4	77.8	72.6	70.0
-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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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	13.0	13.0
85°	15.6	15.6	15.6	18.2	18.2	20.7	23.3	25.9	28.5	28.5	31.1
82.5°	25.9	28.5	31.1	33.7	36.3	38.9	41.5	44.1	51.9	57.1	59.7
80°	25.9	28.5	36.3	41.5	46.7	51.9	51.9	51.9	51.9	54.5	59.7
77.5°	18.2	20.7	23.3	28.5	41.5	51.9	59.7	64.8	59.7	57.1	51.9
75°	10.4	13.0	15.6	18.2	25.9	36.3	49.3	62.2	72.6	70.0	64.8
72.5°	10.4	10.4	13.0	15.6	18.2	20.7	23.3	36.3	51.9	64.8	72.6
70°	10.4	13.0	13.0	15.6	18.2	20.7	23.3	28.5	36.3	51.9	67.4
67.5°	10.4	13.0	13.0	18.2	23.3	25.9	28.5	25.9	23.3	33.7	49.3
65°	10.4	10.4	13.0	15.6	18.2	20.7	28.5	28.5	25.9	25.9	25.9
62.5°	15.6	15.6	15.6	15.6	18.2	18.2	18.2	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°	75.2	62.2	57.1	57.1	49.3	46.7	38.9	28.5	28.5	23.3	23.3
55°	153.0	145.2	121.9	101.2	90.8	80.4	62.2	51.9	38.9	31.1	28.5
52.5°	236.0	215.3	194.5	168.6	142.7	121.9	103.7	80.4	64.8	46.7	36.3
50°	308.6	290.5	267.1	238.6	204.9	179.0	153.0	121.9	96.0	72.6	51.9
47.5°	420.2	383.9	355.3	321.6	282.7	246.4	212.7	176.4	134.9	106.3	80.4
45°	539.5	487.6	448.7	417.6	365.7	316.4	277.5	238.6	189.3	140.1	108.9
42.5°	622.5	583.6	531.7	490.2	443.5	391.6	339.8	298.3	246.4	189.3	140.1
40°	666.6	640.6	599.1	562.8	513.5	456.5	402.0	360.5	306.1	243.8	176.4
37.5°	700.3	687.3	666.6	638.0	591.4	523.9	469.5	420.2	373.5	300.9	228.2
35°	739.2	736.6	723.6	710.7	671.8	606.9	542.1	485.0	428.0	360.5	280.1
32.5°	775.5	772.9	765.1	759.9	744.4	687.3	617.3	552.4	487.6	417.6	329.4
30°	793.7	788.5	788.5	793.7	778.1	741.8	689.9	619.9	547.3	464.3	381.3
27.5°	793.7	788.5	791.1	798.8	796.3	778.1	739.2	682.1	601.7	508.4	428.0
25°	759.9	785.9	785.9	796.3	798.8	793.7	772.9	736.6	653.6	555.0	464.3
22.5°	713.3	775.5	798.8	796.3	798.8	811.8	814.4	780.7	702.9	601.7	500.6
20°	713.3	757.3	824.8	806.6	811.8	840.3	853.3	824.8	754.8	645.8	536.9
17.5°	728.8	757.3	814.4	842.9	850.7	874.1	894.8	876.7	801.4	692.5	586.2
15°	772.9	767.7	806.6	876.7	889.6	907.8	931.1	910.4	842.9	744.4	632.9
12.5°	804.0	775.5	806.6	881.8	923.3	941.5	949.3	933.7	879.2	791.1	679.5
10°	845.5	796.3	811.8	876.7	936.3	949.3	957.1	951.9	913.0	830.0	721.0
7.5°	876.7	806.6	806.6	868.9	949.3	959.7	964.8	970.0	941.5	863.7	757.3
5°	889.6	806.6	801.4	861.1	962.2	972.6	972.6	980.4	962.2	889.6	783.3
2.5°	892.2	804.0	796.3	855.9	985.6	985.6	980.4	988.2	977.8	905.2	801.4
0°	905.2	801.4	793.7	863.7	1011.5	1001.2	988.2	990.8	985.6	913.0	811.8
-2.5°	905.2	814.4	804.0	868.9	1008.9	1006.3	1001.2	1003.7	998.6	936.3	832.6
-5°	918.2	832.6	822.2	892.2	1006.3	1014.1	1016.7	1016.7	1008.9	951.9	845.5
-7.5°	920.7	845.5	842.9	915.6	1011.5	1024.5	1032.3	1037.5	1021.9	962.2	855.9
-10°	907.8	850.7	863.7	944.1	1016.7	1034.9	1050.4	1058.2	1032.3	967.4	861.1
-12.5°	879.2	850.7	884.4	980.4	1029.7	1050.4	1073.8	1076.4	1042.6	970.0	863.7
-15°	876.7	871.5	920.7	1016.7	1037.5	1063.4	1099.7	1091.9	1050.4	970.0	863.7
-17.5°	874.1	900.0	975.2	1029.7	1050.4	1079.0	1107.5	1099.7	1055.6	970.0	858.5
-20°	897.4	946.7	1040.1	1042.6	1066.0	1097.1	1112.7	1097.1	1047.8	962.2	850.7



REPORT NUMBER: P723670

CATALOG NUMBER: IFLD-S-SA3D-730-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°	936.3	1029.7	1060.8	1071.2	1091.9	1115.3	1123.1	1099.7	1040.1	949.3	837.8
-25°	1034.9	1081.6	1081.6	1104.9	1125.6	1136.0	1128.2	1102.3	1029.7	936.3	824.8
-27.5°	1110.1	1107.5	1120.5	1143.8	1162.0	1162.0	1141.2	1089.3	1014.1	923.3	806.6
-30°	1138.6	1141.2	1159.4	1185.3	1190.5	1177.5	1146.4	1079.0	1001.2	902.6	783.3
-32.5°	1167.1	1177.5	1200.9	1213.8	1216.4	1190.5	1133.4	1060.8	980.4	879.2	757.3
-35°	1200.9	1221.6	1234.6	1237.2	1224.2	1180.1	1115.3	1037.5	949.3	845.5	734.0
-37.5°	1245.0	1255.3	1263.1	1252.7	1216.4	1164.6	1084.1	1006.3	920.7	809.2	700.3
-40°	1273.5	1278.7	1281.3	1247.5	1203.5	1128.2	1050.4	970.0	871.5	767.7	664.0
-42.5°	1291.6	1286.5	1265.7	1229.4	1164.6	1091.9	1016.7	925.9	827.4	726.2	625.1
-45°	1286.5	1268.3	1237.2	1193.1	1125.6	1053.0	964.8	874.1	780.7	682.1	581.0
-47.5°	1265.7	1237.2	1198.3	1146.4	1084.1	996.0	907.8	819.6	728.8	632.9	539.5
-50°	1239.8	1206.0	1159.4	1094.5	1011.5	931.1	850.7	765.1	671.8	583.6	500.6
-52.5°	1211.2	1174.9	1115.3	1042.6	951.9	868.9	791.1	708.1	622.5	539.5	466.9
-55°	1180.1	1143.8	1076.4	993.4	902.6	811.8	736.6	666.6	583.6	503.2	438.3
-57.5°	1164.6	1117.9	1047.8	964.8	868.9	775.5	710.7	635.4	560.2	477.2	415.0
-60°	1151.6	1104.9	1040.1	944.1	853.3	765.1	689.9	617.3	536.9	459.1	396.8
-62.5°	1115.3	1066.0	1006.3	913.0	824.8	744.4	676.9	591.4	513.5	440.9	383.9
-65°	1042.6	990.8	938.9	855.9	775.5	700.3	632.9	555.0	482.4	420.2	370.9
-67.5°	928.5	884.4	837.8	767.7	700.3	632.9	570.6	503.2	443.5	399.4	373.5
-70°	801.4	754.8	708.1	651.0	593.9	539.5	490.2	440.9	402.0	378.7	357.9
-72.5°	583.6	562.8	539.5	495.4	448.7	415.0	391.6	370.9	342.4	321.6	308.6
-75°	389.0	360.5	324.2	308.6	311.2	306.1	293.1	277.5	264.6	256.8	238.6
-77.5°	303.5	287.9	269.7	251.6	243.8	236.0	225.6	212.7	202.3	184.1	158.2
-80°	280.1	267.1	254.2	241.2	228.2	210.1	189.3	168.6	158.2	150.4	147.8
-82.5°	230.8	215.3	199.7	186.7	168.6	155.6	142.7	132.3	132.3	129.7	127.1
-85°	132.3	127.1	119.3	114.1	108.9	101.2	93.4	88.2	85.6	83.0	80.4
-87.5°	67.4	64.8	59.7	57.1	54.5	51.9	46.7	44.1	41.5	41.5	38.9
-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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CATALOG NUMBER: IFLD-S-SA3D-730-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°	13.0	13.0	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	15.6	10.4	7.8	5.2	2.6	2.6
82.5°	59.7	51.9	44.1	38.9	31.1	23.3	18.2	13.0	7.8	5.2	2.6
80°	67.4	67.4	64.8	54.5	44.1	33.7	23.3	15.6	10.4	7.8	5.2
77.5°	51.9	57.1	57.1	57.1	54.5	41.5	28.5	18.2	10.4	7.8	5.2
75°	59.7	51.9	49.3	51.9	49.3	41.5	33.7	20.7	13.0	10.4	5.2
72.5°	72.6	62.2	54.5	51.9	46.7	38.9	31.1	23.3	13.0	10.4	7.8
70°	67.4	64.8	59.7	54.5	46.7	38.9	31.1	23.3	15.6	10.4	7.8
67.5°	59.7	59.7	59.7	54.5	46.7	36.3	28.5	20.7	15.6	10.4	7.8
65°	41.5	49.3	54.5	51.9	46.7	36.3	28.5	20.7	15.6	13.0	7.8
62.5°	25.9	33.7	44.1	49.3	44.1	36.3	25.9	20.7	15.6	13.0	7.8
60°	23.3	25.9	31.1	38.9	41.5	33.7	25.9	18.2	15.6	13.0	7.8
57.5°	23.3	23.3	25.9	31.1	33.7	31.1	23.3	15.6	15.6	13.0	10.4
55°	25.9	23.3	23.3	25.9	28.5	28.5	23.3	15.6	15.6	13.0	10.4
52.5°	31.1	25.9	23.3	23.3	23.3	25.9	20.7	15.6	15.6	13.0	10.4
50°	38.9	31.1	28.5	23.3	23.3	23.3	20.7	15.6	13.0	13.0	10.4
47.5°	51.9	41.5	31.1	28.5	23.3	20.7	18.2	15.6	13.0	13.0	10.4
45°	77.8	49.3	41.5	31.1	25.9	23.3	20.7	15.6	13.0	13.0	10.4
42.5°	106.3	72.6	51.9	36.3	28.5	23.3	20.7	18.2	13.0	13.0	10.4
40°	134.9	98.6	64.8	46.7	33.7	25.9	20.7	18.2	15.6	13.0	10.4
37.5°	166.0	121.9	85.6	59.7	38.9	28.5	23.3	18.2	15.6	13.0	10.4
35°	204.9	153.0	106.3	72.6	46.7	33.7	25.9	18.2	15.6	13.0	10.4
32.5°	249.0	181.6	127.1	88.2	59.7	41.5	28.5	20.7	15.6	13.0	10.4
30°	290.5	215.3	150.4	106.3	72.6	46.7	31.1	20.7	15.6	13.0	7.8
27.5°	332.0	249.0	179.0	124.5	88.2	54.5	33.7	23.3	15.6	13.0	10.4
25°	373.5	282.7	207.5	142.7	101.2	64.8	41.5	25.9	15.6	13.0	10.4
22.5°	409.8	316.4	233.4	163.4	116.7	75.2	46.7	28.5	18.2	13.0	10.4
20°	451.3	352.7	262.0	186.7	129.7	85.6	51.9	31.1	18.2	13.0	10.4
17.5°	490.2	389.0	290.5	207.5	145.2	96.0	59.7	33.7	20.7	13.0	10.4
15°	529.1	422.8	316.4	228.2	160.8	106.3	64.8	36.3	23.3	13.0	10.4
12.5°	565.4	453.9	339.8	246.4	173.8	116.7	70.0	38.9	25.9	13.0	10.4
10°	599.1	482.4	363.1	262.0	186.7	124.5	75.2	44.1	28.5	13.0	10.4
7.5°	632.9	505.8	381.3	277.5	202.3	134.9	80.4	46.7	31.1	15.6	10.4
5°	653.6	526.5	396.8	290.5	215.3	145.2	85.6	49.3	33.7	15.6	10.4
2.5°	671.8	542.1	407.2	303.5	228.2	153.0	85.6	51.9	36.3	15.6	10.4
0°	682.1	552.4	415.0	311.2	238.6	158.2	88.2	54.5	38.9	15.6	10.4
-2.5°	705.5	570.6	433.1	321.6	249.0	173.8	93.4	57.1	41.5	18.2	10.4
-5°	721.0	581.0	446.1	332.0	256.8	189.3	101.2	62.2	46.7	23.3	13.0
-7.5°	734.0	591.4	456.5	337.2	264.6	194.5	103.7	64.8	49.3	25.9	13.0
-10°	736.6	596.5	464.3	345.0	269.7	202.3	106.3	67.4	51.9	28.5	13.0
-12.5°	739.2	601.7	466.9	350.1	274.9	207.5	108.9	70.0	54.5	31.1	13.0
-15°	736.6	599.1	466.9	355.3	277.5	202.3	114.1	72.6	57.1	33.7	13.0
-17.5°	731.4	596.5	464.3	352.7	274.9	197.1	116.7	77.8	57.1	36.3	15.6
-20°	723.6	588.8	459.1	350.1	272.3	191.9	119.3	80.4	59.7	36.3	15.6



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CATALOG NUMBER: IFLD-S-SA3D-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	710.7	575.8	448.7	342.4	267.1	186.7	119.3	85.6	62.2	36.3	15.6
-25°	695.1	562.8	438.3	332.0	259.4	179.0	119.3	88.2	64.8	36.3	15.6
-27.5°	676.9	549.9	422.8	324.2	249.0	173.8	119.3	90.8	67.4	36.3	15.6
-30°	656.2	531.7	409.8	311.2	241.2	173.8	121.9	93.4	70.0	36.3	15.6
-32.5°	635.4	513.5	394.2	300.9	230.8	171.2	121.9	96.0	72.6	33.7	18.2
-35°	612.1	492.8	381.3	293.1	223.1	166.0	124.5	96.0	70.0	33.7	18.2
-37.5°	583.6	466.9	368.3	285.3	217.9	160.8	124.5	98.6	67.4	33.7	18.2
-40°	552.4	446.1	352.7	274.9	210.1	158.2	124.5	98.6	64.8	33.7	20.7
-42.5°	518.7	422.8	337.2	264.6	202.3	155.6	124.5	98.6	62.2	33.7	20.7
-45°	487.6	399.4	319.0	251.6	194.5	155.6	124.5	96.0	57.1	36.3	20.7
-47.5°	453.9	373.5	298.3	238.6	191.9	153.0	121.9	90.8	51.9	36.3	20.7
-50°	425.4	347.5	282.7	225.6	186.7	155.6	124.5	83.0	51.9	36.3	20.7
-52.5°	396.8	329.4	264.6	220.5	181.6	158.2	121.9	77.8	51.9	36.3	20.7
-55°	373.5	311.2	254.2	212.7	186.7	163.4	116.7	70.0	51.9	36.3	20.7
-57.5°	355.3	300.9	246.4	215.3	194.5	158.2	108.9	67.4	51.9	33.7	20.7
-60°	342.4	290.5	249.0	225.6	197.1	150.4	103.7	67.4	51.9	33.7	18.2
-62.5°	332.0	293.1	262.0	233.4	186.7	140.1	98.6	67.4	46.7	31.1	18.2
-65°	334.6	303.5	267.1	223.1	179.0	129.7	90.8	64.8	44.1	28.5	18.2
-67.5°	342.4	295.7	251.6	210.1	160.8	116.7	83.0	59.7	41.5	28.5	18.2
-70°	316.4	272.3	228.2	179.0	137.5	101.2	77.8	54.5	36.3	25.9	18.2
-72.5°	285.3	228.2	181.6	145.2	116.7	93.4	70.0	49.3	33.7	23.3	15.6
-75°	207.5	166.0	134.9	121.9	103.7	83.0	62.2	44.1	31.1	23.3	15.6
-77.5°	147.8	137.5	124.5	111.5	93.4	72.6	54.5	41.5	28.5	20.7	13.0
-80°	145.2	132.3	116.7	96.0	77.8	62.2	46.7	36.3	25.9	18.2	10.4
-82.5°	121.9	103.7	88.2	72.6	59.7	49.3	38.9	28.5	20.7	13.0	7.8
-85°	75.2	64.8	57.1	49.3	41.5	33.7	25.9	18.2	13.0	7.8	5.2
-87.5°	36.3	33.7	28.5	23.3	20.7	15.6	13.0	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

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CATALOG NUMBER: IFLD-S-SA3D-730-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: P723670

CATALOG NUMBER: IFLD-S-SA3D-730-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)