

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: P723707

Luminaire Tested: **IFLD-M-SA4B-735-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723707
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-735-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	11925.3 lumens	Max Intensity:	280560.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	71.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	4324.6 lumens	Field Lumens:	6894.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

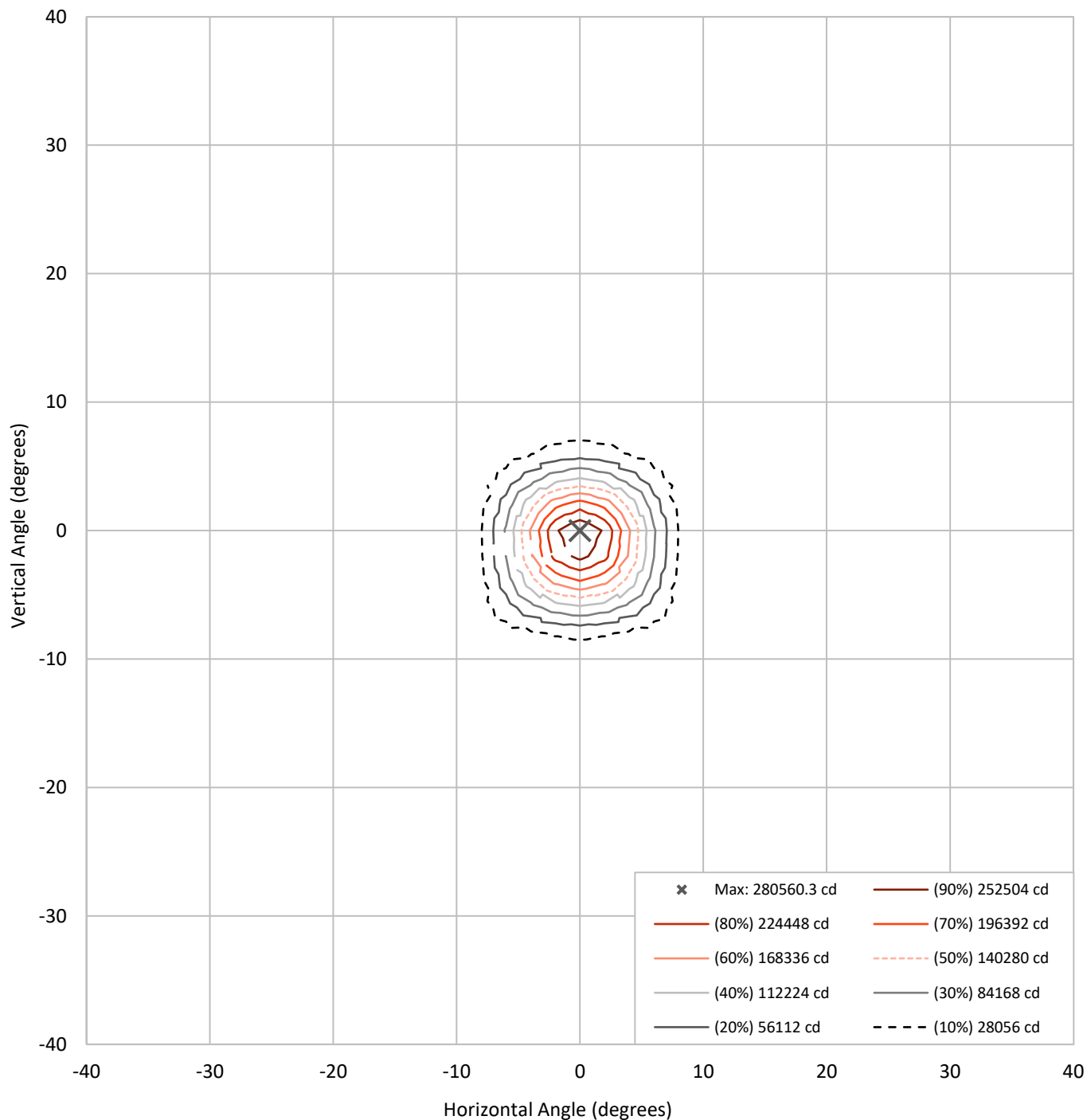
Input Watts (W): 166.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723707

CATALOG NUMBER: IFLD-M-SA4B-735-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723707

CATALOG NUMBER: IFLD-M-SA4B-735-U-11-VI

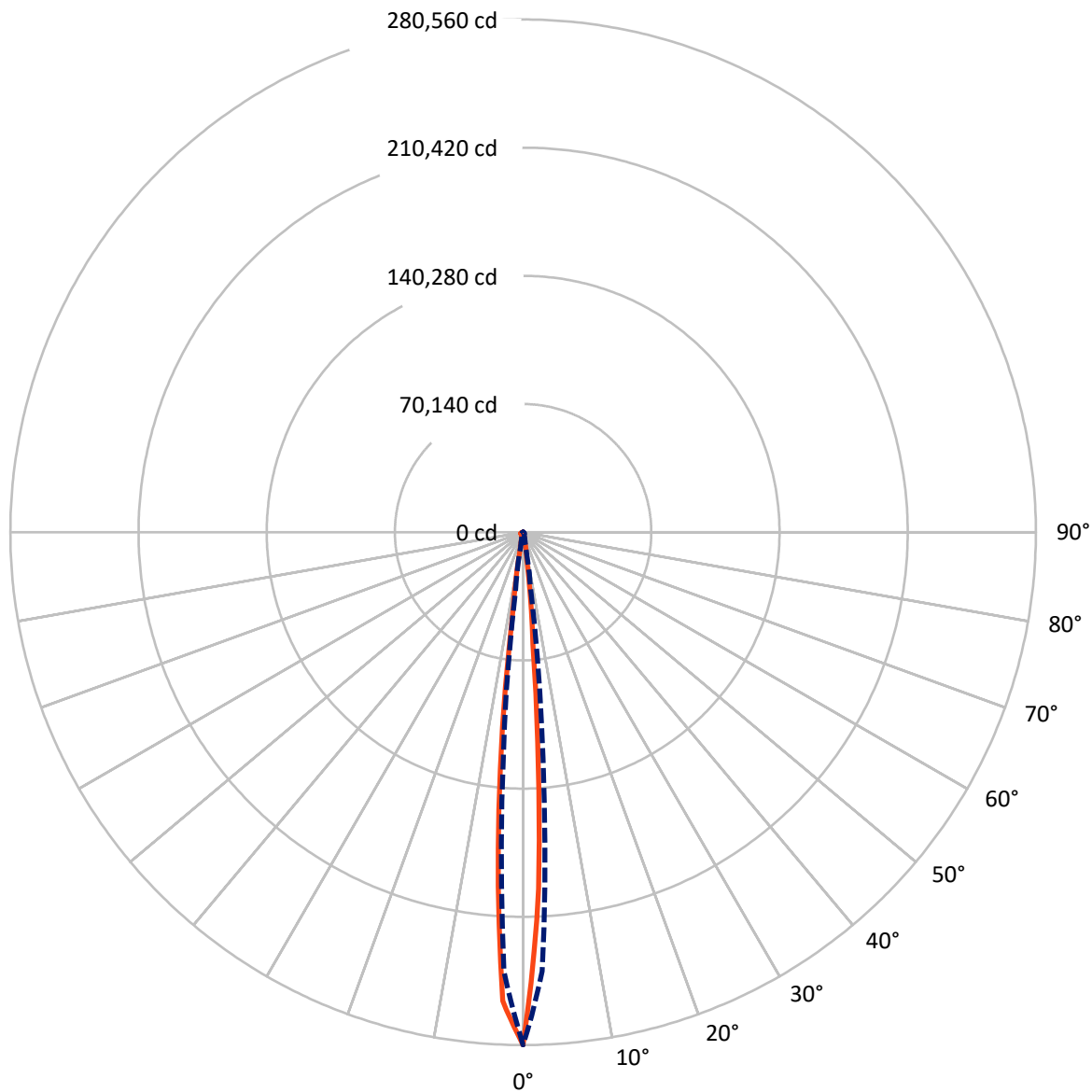
Lumen Table

Vertical Angle (degrees)																			
	-80		-60		-40		-20		0		20		40		60				
90	0.2		2.7		2.9		1.1		0.3		1.1		2.9		2.7			0.2	
80	0.2		2.7		2.9		1.1		0.3		1.1		2.9		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	0.5	1.4	3.1	5.0	6.5	7.4	7.4	6.5	5.0	3.1	1.4	0.5	0.4			
50	0.3		0.4	1.6	5.4	10.7	15.6	18.8	20.9	20.9	18.8	15.6	10.7	5.4	1.6	0.4	0.3		
40			0.8	4.1	11.2	18.1	21.3	23.0	23.8	23.8	23.0	21.3	18.1	11.2	4.1	0.8			
30	0.5		1.5	7.1	16.2	21.0	21.6	25.5	30.7	30.7	25.5	21.6	21.0	16.2	7.1	1.5	0.5		
20			2.4	9.9	19.9	22.4	25.3	44.4	75.7	75.7	44.4	25.3	22.4	19.9	9.9	2.4			
10	0.8		3.1	12.2	21.9	23.2	31.2	84.5	1565.5	1565.5	84.5	31.2	23.2	21.9	12.2	3.1	0.8		
0			3.7	13.3	23.0	24.1	32.3	91.0	2282.6	2282.6	91.0	32.3	24.1	23.0	13.3	3.7			
-10	1.1		3.9	13.7	24.2	26.1	29.1	52.9	101.5	101.5	52.9	29.1	26.1	24.2	13.7	3.9	1.1		
-20			3.7	13.0	24.5	29.3	29.3	34.3	41.8	41.8	34.3	29.3	29.3	24.5	13.0	3.7			
-30	1.3		3.3	11.5	23.5	32.2	35.1	36.5	36.8	36.8	36.5	35.1	32.2	23.5	11.5	3.3	1.3		
-40			2.9	9.2	19.9	31.0	37.7	42.3	44.4	44.4	42.3	37.7	31.0	19.9	9.2	2.9			
-50	1.0		2.6	7.1	15.4	26.5	35.6	41.3	43.7	43.7	41.3	35.6	26.5	15.4	7.1	2.6	1.0		
-60			2.4	6.3	12.6	22.1	31.1	37.6	40.7	40.7	37.6	31.1	22.1	12.6	6.3	2.4			
-70	0.5		7.4		22.0		40.7		44.9		40.7		22.0		7.4		0.5		
-80			7.4		22.0		40.7		44.9		40.7		22.0		7.4				
-90	0.2		2.7		2.9		1.1		0.3		1.1		2.9		2.7		0.2		
Horizontal Angle (degrees)																			

REPORT NUMBER: P723707

CATALOG NUMBER: IFLD-M-SA4B-735-U-11-VI

Luminous Intensity Polar Plot



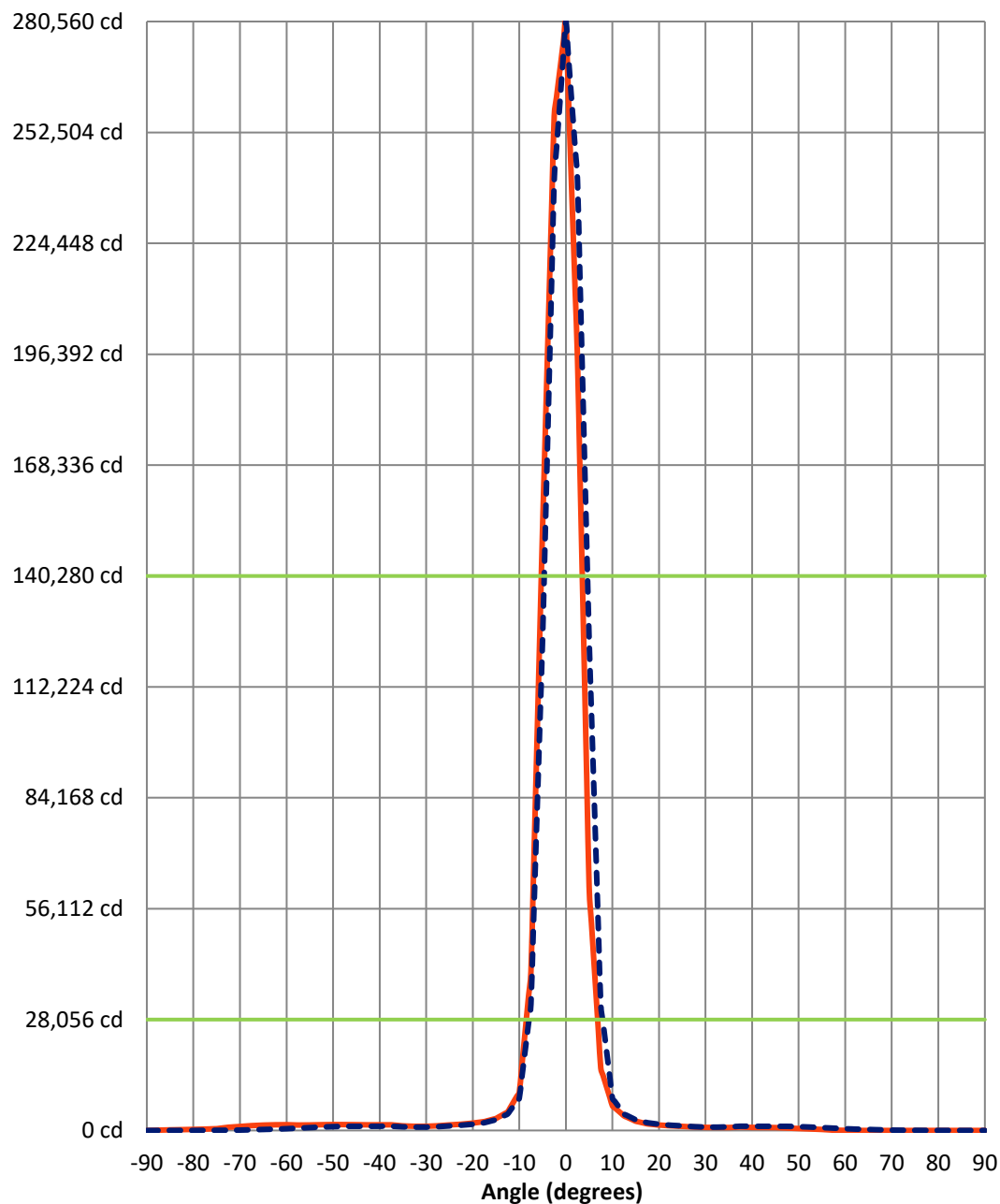
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723707

CATALOG NUMBER: IFLD-M-SA4B-735-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 4324.6

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 6894.3

Efficiency: 57.8%

Spill:

Lumens: 5031.1

Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

REPORT NUMBER: P723707

CATALOG NUMBER: IFLD-M-SA4B-735-U-11-VI

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	5.5	5.5	5.5	8.3	11.0	13.8	13.8	16.5
82.5°	0.0	2.8	2.8	5.5	5.5	8.3	8.3	13.8	16.5	19.3	24.8
80°	2.8	2.8	2.8	5.5	5.5	8.3	8.3	11.0	13.8	19.3	22.0
77.5°	0.0	2.8	2.8	2.8	5.5	5.5	5.5	8.3	11.0	13.8	16.5
75°	0.0	2.8	2.8	2.8	5.5	5.5	5.5	5.5	8.3	8.3	11.0
72.5°	0.0	0.0	0.0	2.8	2.8	5.5	5.5	5.5	8.3	8.3	8.3
70°	0.0	0.0	0.0	2.8	2.8	5.5	5.5	5.5	8.3	8.3	8.3
67.5°	0.0	0.0	0.0	2.8	2.8	5.5	5.5	5.5	8.3	8.3	8.3
65°	0.0	0.0	0.0	2.8	2.8	5.5	5.5	8.3	8.3	8.3	8.3
62.5°	2.8	2.8	2.8	5.5	8.3	8.3	11.0	13.8	13.8	13.8	13.8
60°	27.5	30.3	33.0	33.0	30.3	30.3	33.0	33.0	33.0	33.0	33.0
57.5°	74.3	79.8	82.6	82.6	82.6	79.8	90.8	93.6	82.6	77.1	85.3
55°	258.8	267.0	261.5	253.3	236.8	217.5	212.0	209.2	212.0	198.2	176.2
52.5°	377.1	385.4	382.7	377.1	366.1	352.4	341.4	330.3	319.3	297.3	272.5
50°	490.0	492.8	490.0	484.5	473.5	459.7	437.7	412.9	390.9	385.4	363.4
47.5°	616.7	624.9	624.9	622.2	613.9	589.1	556.1	520.3	503.8	498.3	476.3
45°	729.5	735.0	737.8	740.5	737.8	713.0	682.7	663.5	627.7	616.7	616.7
42.5°	759.8	762.6	765.3	768.1	776.3	757.1	732.3	699.2	691.0	688.2	682.7
40°	770.8	765.3	768.1	770.8	773.6	759.8	740.5	721.3	715.8	710.3	710.3
37.5°	875.4	850.6	831.4	814.9	801.1	787.3	768.1	751.5	737.8	726.8	737.8
35°	746.0	746.0	765.3	781.8	798.3	814.9	817.6	798.3	768.1	754.3	773.6
32.5°	762.6	762.6	762.6	768.1	773.6	787.3	801.1	809.4	831.4	806.6	806.6
30°	779.1	781.8	787.3	790.1	781.8	776.3	770.8	770.8	784.6	820.4	839.6
27.5°	875.4	875.4	867.2	856.2	831.4	792.8	773.6	746.0	748.8	765.3	812.1
25°	1032.3	1026.8	1007.6	980.0	936.0	880.9	828.6	770.8	746.0	737.8	757.1
22.5°	1181.0	1172.7	1148.0	1123.2	1087.4	1032.3	944.2	856.2	779.1	746.0	737.8
20°	1371.0	1351.7	1324.2	1285.6	1227.8	1172.7	1095.7	980.0	867.2	781.8	748.8
17.5°	1676.5	1651.7	1599.4	1530.6	1431.5	1346.2	1236.1	1125.9	999.3	861.7	787.3
15°	2345.5	2282.2	2191.3	2001.4	1805.9	1643.5	1478.3	1293.9	1164.5	982.8	869.9
12.5°	3688.9	3515.5	3251.2	2808.0	2370.3	1993.1	1726.1	1489.3	1280.1	1112.2	952.5
10°	6243.6	5872.0	5142.4	3931.2	3124.6	2430.8	1951.8	1635.2	1371.0	1197.5	1021.3
7.5°	15790.7	12880.9	9114.9	6224.3	4088.1	2970.4	2232.6	1772.9	1467.3	1252.6	1076.4
5°	61544.1	50697.6	27044.6	11286.9	6150.0	3592.6	2485.9	1883.0	1530.6	1293.9	1117.7
2.5°	195321.9	168673.7	88495.1	24297.2	7551.2	4046.8	2659.3	1951.8	1566.4	1324.2	1148.0
0°	280560.3	240450.4	124197.6	31955.8	8189.9	4162.4	2714.4	1965.6	1571.9	1329.7	1148.0
-2.5°	256665.0	224632.1	119974.7	29737.0	8368.9	4195.4	2758.4	2012.4	1613.2	1354.4	1156.2
-5°	152508.6	133772.3	83691.3	21202.9	7435.6	3895.4	2642.8	1971.1	1585.7	1340.7	1150.7
-7.5°	40181.5	34785.8	22882.2	11064.0	4812.1	3295.2	2428.1	1902.3	1549.9	1315.9	1128.7
-10°	9687.5	9181.0	8200.9	5026.8	3746.7	2752.9	2152.8	1778.4	1478.3	1282.9	1092.9
-12.5°	4671.7	4561.6	4140.4	3413.6	2780.4	2287.7	1949.1	1649.0	1412.2	1225.0	1043.4
-15°	3039.2	2975.9	2832.7	2554.7	2232.6	1995.9	1759.1	1516.9	1329.7	1139.7	1002.1
-17.5°	2249.1	2246.4	2174.8	2070.2	1910.5	1734.3	1560.9	1406.7	1225.0	1062.6	958.0
-20°	1863.7	1863.7	1822.4	1753.6	1640.7	1525.1	1409.5	1266.3	1117.7	996.6	952.5



REPORT NUMBER: P723707

CATALOG NUMBER: IFLD-M-SA4B-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1582.9	1585.7	1563.7	1519.6	1459.0	1362.7	1249.8	1134.2	1026.8	982.8	969.0
-25°	1401.2	1395.7	1371.0	1329.7	1266.3	1189.3	1114.9	1037.8	1007.6	996.6	1015.8
-27.5°	1186.5	1194.8	1183.8	1164.5	1123.2	1068.1	1051.6	1029.6	1035.1	1051.6	1125.9
-30°	1059.9	1068.1	1079.1	1087.4	1073.6	1059.9	1065.4	1081.9	1117.7	1181.0	1208.5
-32.5°	1059.9	1062.6	1079.1	1095.7	1103.9	1114.9	1145.2	1200.3	1252.6	1236.1	1230.6
-35°	1156.2	1148.0	1170.0	1192.0	1222.3	1260.8	1293.9	1282.9	1263.6	1258.1	1263.6
-37.5°	1431.5	1379.2	1357.2	1343.4	1335.2	1329.7	1321.4	1313.1	1304.9	1299.4	1307.6
-40°	1428.8	1415.0	1401.2	1390.2	1382.0	1371.0	1365.4	1362.7	1354.4	1348.9	1343.4
-42.5°	1423.3	1428.8	1428.8	1426.0	1428.8	1426.0	1417.7	1406.7	1393.0	1382.0	1371.0
-45°	1464.5	1467.3	1472.8	1478.3	1486.6	1475.6	1459.0	1439.8	1420.5	1404.0	1390.2
-47.5°	1489.3	1492.1	1497.6	1505.8	1511.3	1500.3	1478.3	1453.5	1423.3	1395.7	1368.2
-50°	1497.6	1505.8	1508.6	1508.6	1505.8	1492.1	1459.0	1423.3	1390.2	1362.7	1337.9
-52.5°	1459.0	1467.3	1470.1	1464.5	1461.8	1448.0	1417.7	1384.7	1348.9	1329.7	1307.6
-55°	1395.7	1406.7	1415.0	1415.0	1415.0	1412.2	1384.7	1354.4	1326.9	1304.9	1282.9
-57.5°	1371.0	1390.2	1406.7	1409.5	1412.2	1415.0	1395.7	1365.4	1332.4	1299.4	1271.8
-60°	1461.8	1478.3	1486.6	1475.6	1467.3	1459.0	1428.8	1393.0	1359.9	1326.9	1274.6
-62.5°	1437.0	1464.5	1478.3	1470.1	1459.0	1445.3	1412.2	1371.0	1332.4	1296.6	1244.3
-65°	1357.2	1382.0	1398.5	1384.7	1368.2	1348.9	1318.6	1280.1	1244.3	1208.5	1161.7
-67.5°	1222.3	1258.1	1285.6	1255.3	1233.3	1208.5	1183.8	1150.7	1114.9	1073.6	1029.6
-70°	1010.3	1037.8	1062.6	1054.4	1048.9	1043.4	1026.8	993.8	963.5	930.5	891.9
-72.5°	812.1	836.9	858.9	845.1	834.1	817.6	792.8	757.1	721.3	685.5	649.7
-75°	448.7	457.0	465.2	462.5	462.5	462.5	462.5	465.2	459.7	451.5	435.0
-77.5°	344.1	355.1	363.4	368.9	377.1	388.2	396.4	382.7	368.9	355.1	338.6
-80°	269.8	280.8	289.1	319.3	341.4	366.1	382.7	363.4	344.1	327.6	313.8
-82.5°	203.7	212.0	220.2	236.8	247.8	261.5	272.5	272.5	269.8	267.0	258.8
-85°	148.7	159.7	170.7	176.2	184.4	184.4	187.2	176.2	165.2	156.9	145.9
-87.5°	85.3	88.1	88.1	88.1	90.8	90.8	90.8	85.3	82.6	77.1	74.3
-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: P723707

CATALOG NUMBER: IFLD-M-SA4B-735-U-11-VI

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	5.5	5.5	8.3	8.3	11.0	11.0	13.8	13.8
85°	16.5	16.5	16.5	19.3	19.3	22.0	24.8	27.5	30.3	30.3	33.0
82.5°	27.5	30.3	33.0	35.8	38.5	41.3	44.0	46.8	55.1	60.6	63.3
80°	27.5	30.3	38.5	44.0	49.6	55.1	55.1	55.1	55.1	57.8	63.3
77.5°	19.3	22.0	24.8	30.3	44.0	55.1	63.3	68.8	63.3	60.6	55.1
75°	11.0	13.8	16.5	19.3	27.5	38.5	52.3	66.1	77.1	74.3	68.8
72.5°	11.0	11.0	13.8	16.5	19.3	22.0	24.8	38.5	55.1	68.8	77.1
70°	11.0	13.8	13.8	16.5	19.3	22.0	24.8	30.3	38.5	55.1	71.6
67.5°	11.0	13.8	13.8	19.3	24.8	27.5	30.3	27.5	24.8	35.8	52.3
65°	11.0	11.0	13.8	16.5	19.3	22.0	30.3	30.3	27.5	27.5	27.5
62.5°	16.5	16.5	16.5	16.5	19.3	19.3	19.3	24.8	24.8	24.8	24.8
60°	33.0	30.3	30.3	30.3	30.3	24.8	24.8	24.8	22.0	24.8	22.0
57.5°	79.8	66.1	60.6	60.6	52.3	49.6	41.3	30.3	30.3	24.8	24.8
55°	162.4	154.2	129.4	107.4	96.4	85.3	66.1	55.1	41.3	33.0	30.3
52.5°	250.5	228.5	206.5	178.9	151.4	129.4	110.1	85.3	68.8	49.6	38.5
50°	327.6	308.3	283.5	253.3	217.5	190.0	162.4	129.4	101.9	77.1	55.1
47.5°	446.0	407.4	377.1	341.4	300.1	261.5	225.7	187.2	143.2	112.9	85.3
45°	572.6	517.5	476.3	443.2	388.2	335.9	294.6	253.3	201.0	148.7	115.6
42.5°	660.7	619.4	564.3	520.3	470.7	415.7	360.6	316.6	261.5	201.0	148.7
40°	707.5	680.0	635.9	597.4	545.1	484.5	426.7	382.7	324.8	258.8	187.2
37.5°	743.3	729.5	707.5	677.2	627.7	556.1	498.3	446.0	396.4	319.3	242.3
35°	784.6	781.8	768.1	754.3	713.0	644.2	575.4	514.8	454.2	382.7	297.3
32.5°	823.1	820.4	812.1	806.6	790.1	729.5	655.2	586.4	517.5	443.2	349.6
30°	842.4	836.9	836.9	842.4	825.9	787.3	732.3	657.9	580.9	492.8	404.7
27.5°	842.4	836.9	839.6	847.9	845.1	825.9	784.6	724.0	638.7	539.6	454.2
25°	806.6	834.1	834.1	845.1	847.9	842.4	820.4	781.8	693.7	589.1	492.8
22.5°	757.1	823.1	847.9	845.1	847.9	861.7	864.4	828.6	746.0	638.7	531.3
20°	757.1	803.9	875.4	856.2	861.7	891.9	905.7	875.4	801.1	685.5	569.9
17.5°	773.6	803.9	864.4	894.7	903.0	927.7	949.8	930.5	850.6	735.0	622.2
15°	820.4	814.9	856.2	930.5	944.2	963.5	988.3	966.3	894.7	790.1	671.7
12.5°	853.4	823.1	856.2	936.0	980.0	999.3	1007.6	991.0	933.2	839.6	721.3
10°	897.4	845.1	861.7	930.5	993.8	1007.6	1015.8	1010.3	969.0	880.9	765.3
7.5°	930.5	856.2	856.2	922.2	1007.6	1018.6	1024.1	1029.6	999.3	916.7	803.9
5°	944.2	856.2	850.6	914.0	1021.3	1032.3	1032.3	1040.6	1021.3	944.2	831.4
2.5°	947.0	853.4	845.1	908.5	1046.1	1046.1	1040.6	1048.9	1037.8	960.8	850.6
0°	960.8	850.6	842.4	916.7	1073.6	1062.6	1048.9	1051.6	1046.1	969.0	861.7
-2.5°	960.8	864.4	853.4	922.2	1070.9	1068.1	1062.6	1065.4	1059.9	993.8	883.7
-5°	974.5	883.7	872.7	947.0	1068.1	1076.4	1079.1	1079.1	1070.9	1010.3	897.4
-7.5°	977.3	897.4	894.7	971.8	1073.6	1087.4	1095.7	1101.2	1084.6	1021.3	908.5
-10°	963.5	903.0	916.7	1002.1	1079.1	1098.4	1114.9	1123.2	1095.7	1026.8	914.0
-12.5°	933.2	903.0	938.7	1040.6	1092.9	1114.9	1139.7	1142.5	1106.7	1029.6	916.7
-15°	930.5	925.0	977.3	1079.1	1101.2	1128.7	1167.2	1159.0	1114.9	1029.6	916.7
-17.5°	927.7	955.3	1035.1	1092.9	1114.9	1145.2	1175.5	1167.2	1120.4	1029.6	911.2
-20°	952.5	1004.8	1103.9	1106.7	1131.4	1164.5	1181.0	1164.5	1112.2	1021.3	903.0

REPORT NUMBER: P723707

CATALOG NUMBER: IFLD-M-SA4B-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°	993.8	1092.9	1125.9	1137.0	1159.0	1183.8	1192.0	1167.2	1103.9	1007.6	889.2
-25°	1098.4	1148.0	1148.0	1172.7	1194.8	1205.8	1197.5	1170.0	1092.9	993.8	875.4
-27.5°	1178.2	1175.5	1189.3	1214.0	1233.3	1233.3	1211.3	1156.2	1076.4	980.0	856.2
-30°	1208.5	1211.3	1230.6	1258.1	1263.6	1249.8	1216.8	1145.2	1062.6	958.0	831.4
-32.5°	1238.8	1249.8	1274.6	1288.4	1291.1	1263.6	1203.0	1125.9	1040.6	933.2	803.9
-35°	1274.6	1296.6	1310.4	1313.1	1299.4	1252.6	1183.8	1101.2	1007.6	897.4	779.1
-37.5°	1321.4	1332.4	1340.7	1329.7	1291.1	1236.1	1150.7	1068.1	977.3	858.9	743.3
-40°	1351.7	1357.2	1359.9	1324.2	1277.4	1197.5	1114.9	1029.6	925.0	814.9	704.7
-42.5°	1371.0	1365.4	1343.4	1304.9	1236.1	1159.0	1079.1	982.8	878.2	770.8	663.5
-45°	1365.4	1346.2	1313.1	1266.3	1194.8	1117.7	1024.1	927.7	828.6	724.0	616.7
-47.5°	1343.4	1313.1	1271.8	1216.8	1150.7	1057.1	963.5	869.9	773.6	671.7	572.6
-50°	1315.9	1280.1	1230.6	1161.7	1073.6	988.3	903.0	812.1	713.0	619.4	531.3
-52.5°	1285.6	1247.1	1183.8	1106.7	1010.3	922.2	839.6	751.5	660.7	572.6	495.5
-55°	1252.6	1214.0	1142.5	1054.4	958.0	861.7	781.8	707.5	619.4	534.1	465.2
-57.5°	1236.1	1186.5	1112.2	1024.1	922.2	823.1	754.3	674.5	594.6	506.5	440.5
-60°	1222.3	1172.7	1103.9	1002.1	905.7	812.1	732.3	655.2	569.9	487.3	421.2
-62.5°	1183.8	1131.4	1068.1	969.0	875.4	790.1	718.5	627.7	545.1	468.0	407.4
-65°	1106.7	1051.6	996.6	908.5	823.1	743.3	671.7	589.1	512.0	446.0	393.7
-67.5°	985.5	938.7	889.2	814.9	743.3	671.7	605.6	534.1	470.7	423.9	396.4
-70°	850.6	801.1	751.5	691.0	630.4	572.6	520.3	468.0	426.7	401.9	379.9
-72.5°	619.4	597.4	572.6	525.8	476.3	440.5	415.7	393.7	363.4	341.4	327.6
-75°	412.9	382.7	344.1	327.6	330.3	324.8	311.1	294.6	280.8	272.5	253.3
-77.5°	322.1	305.6	286.3	267.0	258.8	250.5	239.5	225.7	214.7	195.5	167.9
-80°	297.3	283.5	269.8	256.0	242.3	223.0	201.0	178.9	167.9	159.7	156.9
-82.5°	245.0	228.5	212.0	198.2	178.9	165.2	151.4	140.4	140.4	137.6	134.9
-85°	140.4	134.9	126.6	121.1	115.6	107.4	99.1	93.6	90.8	88.1	85.3
-87.5°	71.6	68.8	63.3	60.6	57.8	55.1	49.6	46.8	44.0	44.0	41.3
-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: P723707

CATALOG NUMBER: IFLD-M-SA4B-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°	13.8	13.8	11.0	11.0	11.0	8.3	5.5	5.5	2.8	2.8	0.0
85°	33.0	27.5	24.8	22.0	22.0	16.5	11.0	8.3	5.5	2.8	2.8
82.5°	63.3	55.1	46.8	41.3	33.0	24.8	19.3	13.8	8.3	5.5	2.8
80°	71.6	71.6	68.8	57.8	46.8	35.8	24.8	16.5	11.0	8.3	5.5
77.5°	55.1	60.6	60.6	60.6	57.8	44.0	30.3	19.3	11.0	8.3	5.5
75°	63.3	55.1	52.3	55.1	52.3	44.0	35.8	22.0	13.8	11.0	5.5
72.5°	77.1	66.1	57.8	55.1	49.6	41.3	33.0	24.8	13.8	11.0	8.3
70°	71.6	68.8	63.3	57.8	49.6	41.3	33.0	24.8	16.5	11.0	8.3
67.5°	63.3	63.3	63.3	57.8	49.6	38.5	30.3	22.0	16.5	11.0	8.3
65°	44.0	52.3	57.8	55.1	49.6	38.5	30.3	22.0	16.5	13.8	8.3
62.5°	27.5	35.8	46.8	52.3	46.8	38.5	27.5	22.0	16.5	13.8	8.3
60°	24.8	27.5	33.0	41.3	44.0	35.8	27.5	19.3	16.5	13.8	8.3
57.5°	24.8	24.8	27.5	33.0	35.8	33.0	24.8	16.5	16.5	13.8	11.0
55°	27.5	24.8	24.8	27.5	30.3	30.3	24.8	16.5	16.5	13.8	11.0
52.5°	33.0	27.5	24.8	24.8	24.8	27.5	22.0	16.5	16.5	13.8	11.0
50°	41.3	33.0	30.3	24.8	24.8	24.8	22.0	16.5	13.8	13.8	11.0
47.5°	55.1	44.0	33.0	30.3	24.8	22.0	19.3	16.5	13.8	13.8	11.0
45°	82.6	52.3	44.0	33.0	27.5	24.8	22.0	16.5	13.8	13.8	11.0
42.5°	112.9	77.1	55.1	38.5	30.3	24.8	22.0	19.3	13.8	13.8	11.0
40°	143.2	104.6	68.8	49.6	35.8	27.5	22.0	19.3	16.5	13.8	11.0
37.5°	176.2	129.4	90.8	63.3	41.3	30.3	24.8	19.3	16.5	13.8	11.0
35°	217.5	162.4	112.9	77.1	49.6	35.8	27.5	19.3	16.5	13.8	11.0
32.5°	264.3	192.7	134.9	93.6	63.3	44.0	30.3	22.0	16.5	13.8	11.0
30°	308.3	228.5	159.7	112.9	77.1	49.6	33.0	22.0	16.5	13.8	8.3
27.5°	352.4	264.3	190.0	132.1	93.6	57.8	35.8	24.8	16.5	13.8	11.0
25°	396.4	300.1	220.2	151.4	107.4	68.8	44.0	27.5	16.5	13.8	11.0
22.5°	435.0	335.9	247.8	173.4	123.9	79.8	49.6	30.3	19.3	13.8	11.0
20°	479.0	374.4	278.0	198.2	137.6	90.8	55.1	33.0	19.3	13.8	11.0
17.5°	520.3	412.9	308.3	220.2	154.2	101.9	63.3	35.8	22.0	13.8	11.0
15°	561.6	448.7	335.9	242.3	170.7	112.9	68.8	38.5	24.8	13.8	11.0
12.5°	600.1	481.8	360.6	261.5	184.4	123.9	74.3	41.3	27.5	13.8	11.0
10°	635.9	512.0	385.4	278.0	198.2	132.1	79.8	46.8	30.3	13.8	11.0
7.5°	671.7	536.8	404.7	294.6	214.7	143.2	85.3	49.6	33.0	16.5	11.0
5°	693.7	558.8	421.2	308.3	228.5	154.2	90.8	52.3	35.8	16.5	11.0
2.5°	713.0	575.4	432.2	322.1	242.3	162.4	90.8	55.1	38.5	16.5	11.0
0°	724.0	586.4	440.5	330.3	253.3	167.9	93.6	57.8	41.3	16.5	11.0
-2.5°	748.8	605.6	459.7	341.4	264.3	184.4	99.1	60.6	44.0	19.3	11.0
-5°	765.3	616.7	473.5	352.4	272.5	201.0	107.4	66.1	49.6	24.8	13.8
-7.5°	779.1	627.7	484.5	357.9	280.8	206.5	110.1	68.8	52.3	27.5	13.8
-10°	781.8	633.2	492.8	366.1	286.3	214.7	112.9	71.6	55.1	30.3	13.8
-12.5°	784.6	638.7	495.5	371.6	291.8	220.2	115.6	74.3	57.8	33.0	13.8
-15°	781.8	635.9	495.5	377.1	294.6	214.7	121.1	77.1	60.6	35.8	13.8
-17.5°	776.3	633.2	492.8	374.4	291.8	209.2	123.9	82.6	60.6	38.5	16.5
-20°	768.1	624.9	487.3	371.6	289.1	203.7	126.6	85.3	63.3	38.5	16.5

REPORT NUMBER: P723707

CATALOG NUMBER: IFLD-M-SA4B-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°	754.3	611.1	476.3	363.4	283.5	198.2	126.6	90.8	66.1	38.5	16.5
-25°	737.8	597.4	465.2	352.4	275.3	190.0	126.6	93.6	68.8	38.5	16.5
-27.5°	718.5	583.6	448.7	344.1	264.3	184.4	126.6	96.4	71.6	38.5	16.5
-30°	696.5	564.3	435.0	330.3	256.0	184.4	129.4	99.1	74.3	38.5	16.5
-32.5°	674.5	545.1	418.4	319.3	245.0	181.7	129.4	101.9	77.1	35.8	19.3
-35°	649.7	523.1	404.7	311.1	236.8	176.2	132.1	101.9	74.3	35.8	19.3
-37.5°	619.4	495.5	390.9	302.8	231.2	170.7	132.1	104.6	71.6	35.8	19.3
-40°	586.4	473.5	374.4	291.8	223.0	167.9	132.1	104.6	68.8	35.8	22.0
-42.5°	550.6	448.7	357.9	280.8	214.7	165.2	132.1	104.6	66.1	35.8	22.0
-45°	517.5	423.9	338.6	267.0	206.5	165.2	132.1	101.9	60.6	38.5	22.0
-47.5°	481.8	396.4	316.6	253.3	203.7	162.4	129.4	96.4	55.1	38.5	22.0
-50°	451.5	368.9	300.1	239.5	198.2	165.2	132.1	88.1	55.1	38.5	22.0
-52.5°	421.2	349.6	280.8	234.0	192.7	167.9	129.4	82.6	55.1	38.5	22.0
-55°	396.4	330.3	269.8	225.7	198.2	173.4	123.9	74.3	55.1	38.5	22.0
-57.5°	377.1	319.3	261.5	228.5	206.5	167.9	115.6	71.6	55.1	35.8	22.0
-60°	363.4	308.3	264.3	239.5	209.2	159.7	110.1	71.6	55.1	35.8	19.3
-62.5°	352.4	311.1	278.0	247.8	198.2	148.7	104.6	71.6	49.6	33.0	19.3
-65°	355.1	322.1	283.5	236.8	190.0	137.6	96.4	68.8	46.8	30.3	19.3
-67.5°	363.4	313.8	267.0	223.0	170.7	123.9	88.1	63.3	44.0	30.3	19.3
-70°	335.9	289.1	242.3	190.0	145.9	107.4	82.6	57.8	38.5	27.5	19.3
-72.5°	302.8	242.3	192.7	154.2	123.9	99.1	74.3	52.3	35.8	24.8	16.5
-75°	220.2	176.2	143.2	129.4	110.1	88.1	66.1	46.8	33.0	24.8	16.5
-77.5°	156.9	145.9	132.1	118.4	99.1	77.1	57.8	44.0	30.3	22.0	13.8
-80°	154.2	140.4	123.9	101.9	82.6	66.1	49.6	38.5	27.5	19.3	11.0
-82.5°	129.4	110.1	93.6	77.1	63.3	52.3	41.3	30.3	22.0	13.8	8.3
-85°	79.8	68.8	60.6	52.3	44.0	35.8	27.5	19.3	13.8	8.3	5.5
-87.5°	38.5	35.8	30.3	24.8	22.0	16.5	13.8	11.0	8.3	5.5	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

REPORT NUMBER: P723707

CATALOG NUMBER: IFLD-M-SA4B-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°	5.5	2.8	2.8	0.0
67.5°	5.5	2.8	2.8	0.0
65°	5.5	2.8	2.8	0.0
62.5°	5.5	2.8	2.8	0.0
60°	5.5	2.8	2.8	0.0
57.5°	5.5	2.8	2.8	0.0
55°	5.5	2.8	2.8	0.0
52.5°	5.5	2.8	2.8	0.0
50°	5.5	2.8	2.8	0.0
47.5°	5.5	5.5	2.8	0.0
45°	5.5	5.5	2.8	0.0
42.5°	5.5	5.5	2.8	0.0
40°	5.5	5.5	2.8	0.0
37.5°	5.5	5.5	2.8	0.0
35°	5.5	5.5	2.8	0.0
32.5°	8.3	5.5	2.8	0.0
30°	8.3	5.5	5.5	0.0
27.5°	8.3	5.5	5.5	0.0
25°	8.3	5.5	5.5	0.0
22.5°	8.3	5.5	5.5	0.0
20°	8.3	5.5	5.5	0.0
17.5°	8.3	5.5	5.5	0.0
15°	8.3	5.5	5.5	0.0
12.5°	8.3	5.5	5.5	0.0
10°	8.3	5.5	5.5	0.0
7.5°	8.3	5.5	5.5	0.0
5°	8.3	5.5	5.5	0.0
2.5°	8.3	5.5	5.5	0.0
0°	8.3	5.5	5.5	0.0
-2.5°	8.3	5.5	5.5	0.0
-5°	8.3	5.5	5.5	0.0
-7.5°	8.3	5.5	5.5	0.0
-10°	8.3	5.5	5.5	0.0
-12.5°	11.0	5.5	5.5	0.0
-15°	11.0	5.5	5.5	0.0
-17.5°	11.0	5.5	5.5	0.0
-20°	11.0	5.5	5.5	0.0

REPORT NUMBER: P723707

CATALOG NUMBER: IFLD-M-SA4B-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	11.0	5.5	5.5	0.0
-25°	11.0	5.5	5.5	0.0
-27.5°	11.0	5.5	5.5	0.0
-30°	11.0	5.5	5.5	0.0
-32.5°	11.0	5.5	5.5	0.0
-35°	11.0	5.5	5.5	0.0
-37.5°	11.0	5.5	5.5	0.0
-40°	11.0	5.5	5.5	0.0
-42.5°	8.3	5.5	2.8	0.0
-45°	11.0	5.5	2.8	0.0
-47.5°	11.0	5.5	2.8	0.0
-50°	11.0	5.5	2.8	0.0
-52.5°	11.0	5.5	2.8	0.0
-55°	11.0	5.5	2.8	0.0
-57.5°	11.0	5.5	2.8	0.0
-60°	11.0	5.5	2.8	0.0
-62.5°	11.0	5.5	2.8	0.0
-65°	11.0	5.5	2.8	0.0
-67.5°	11.0	5.5	2.8	0.0
-70°	11.0	2.8	2.8	0.0
-72.5°	8.3	2.8	2.8	0.0
-75°	8.3	2.8	2.8	0.0
-77.5°	5.5	2.8	0.0	0.0
-80°	5.5	2.8	0.0	0.0
-82.5°	5.5	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)