

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: P723736

Luminaire Tested: **IFLD-M-SA4B-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723736
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-740-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	12090.9 lumens	Max Intensity:	284457.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	72.8 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:	4384.7 lumens	Field Lumens:	6990 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

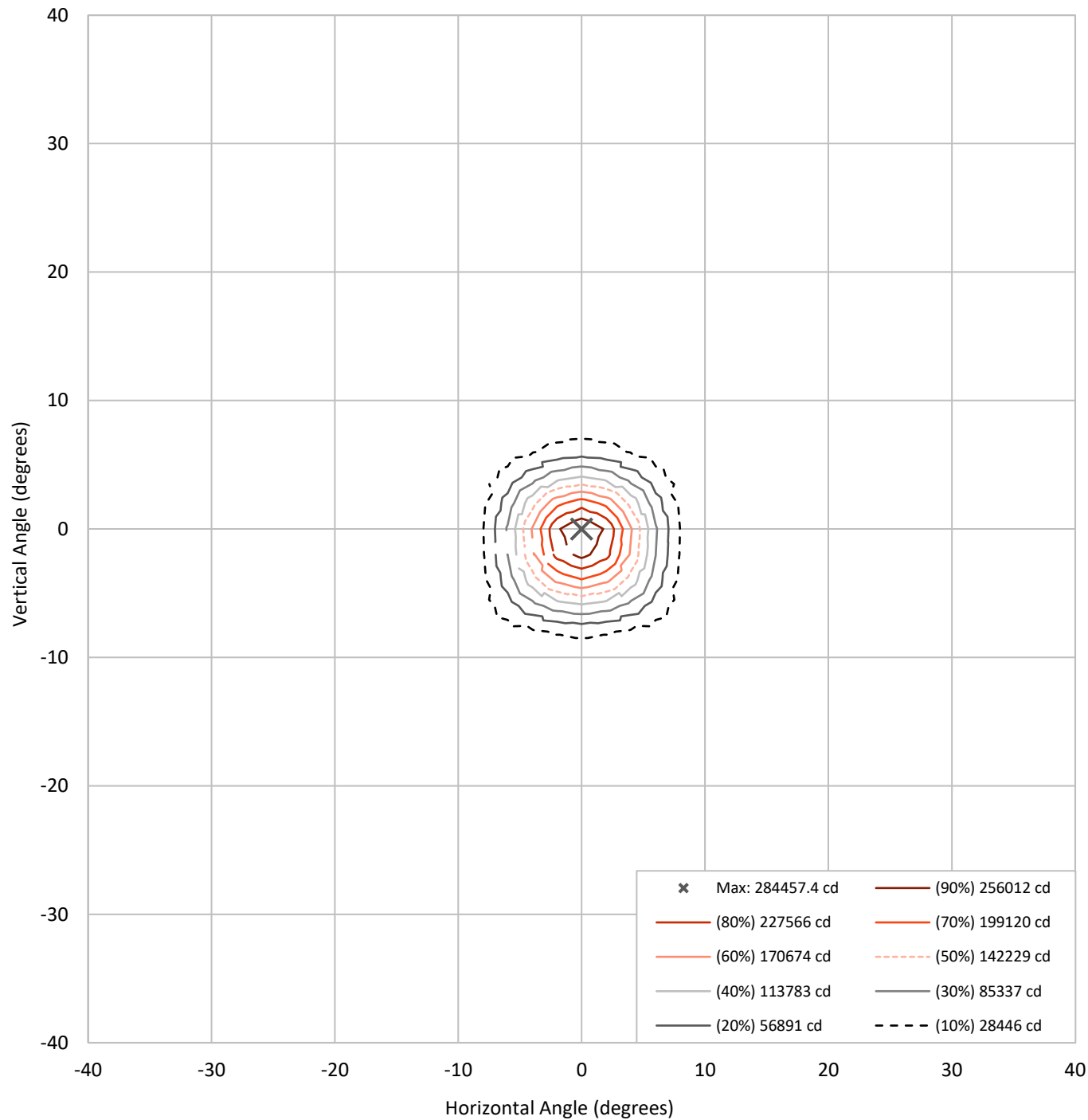
Input Watts (W): 166.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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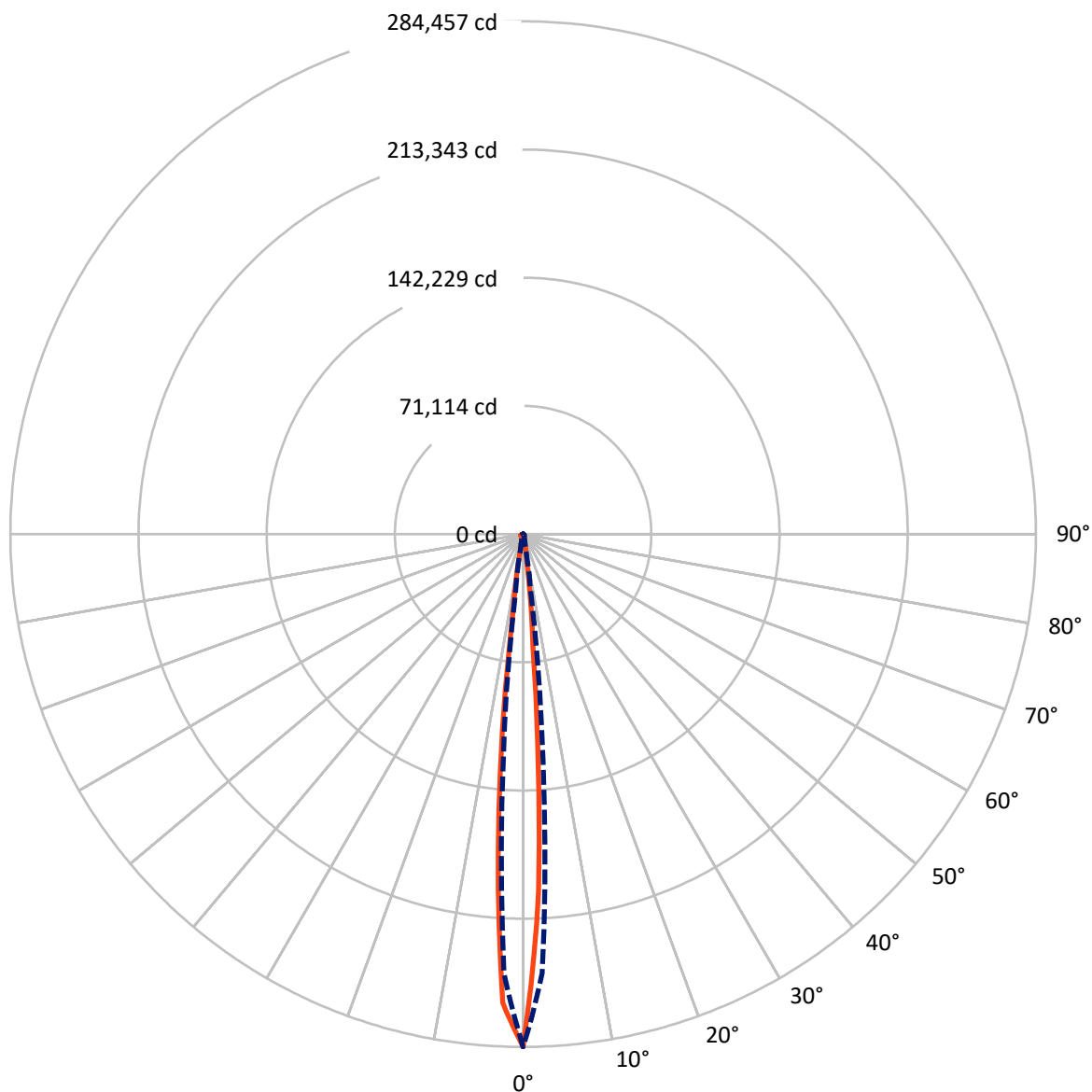
Lumen Table

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	0.5	1.4	3.1	5.1	6.5	7.5	7.5	6.5	5.1	3.1	1.4	0.5	0.4	
40	0.3	0.4	1.7	5.5	10.8	15.9	19.1	21.1	21.1	19.1	15.9	10.8	5.5	1.7	0.4	0.3
30		0.8	4.2	11.3	18.4	21.6	23.3	24.1	24.1	23.3	21.6	18.4	11.3	4.2	0.8	
20	0.5	1.6	7.2	16.5	21.3	21.9	25.9	31.2	31.2	25.9	21.9	21.3	16.5	7.2	1.6	0.5
10		2.5	10.1	20.2	22.7	25.6	45.0	76.7	76.7	45.0	25.6	22.7	20.2	10.1	2.5	
0	0.8	3.2	12.3	22.2	23.6	31.6	85.6	1587.2	1587.2	85.6	31.6	23.6	22.2	12.3	3.2	0.8
-10		3.7	13.5	23.3	24.4	32.7	92.3	2314.3	2314.3	92.3	32.7	24.4	23.3	13.5	3.7	
-20	1.2	4.0	13.8	24.6	26.4	29.5	53.6	102.9	102.9	53.6	29.5	26.4	24.6	13.8	4.0	1.2
-30		3.8	13.2	24.9	29.7	29.7	34.7	42.4	42.4	34.7	29.7	29.7	24.9	13.2	3.8	
-40	1.3	3.3	11.6	23.8	32.6	35.6	37.0	37.3	37.3	37.0	35.6	32.6	23.8	11.6	3.3	1.3
-50		2.9	9.4	20.2	31.5	38.3	42.9	45.0	45.0	42.9	38.3	31.5	20.2	9.4	2.9	
-60	1.0	2.7	7.2	15.7	26.8	36.0	41.9	44.3	44.3	41.9	36.0	26.8	15.7	7.2	2.7	1.0
-70		2.5	6.4	12.8	22.4	31.5	38.1	41.2	41.2	38.1	31.5	22.4	12.8	6.4	2.5	
-80	0.5	7.5		22.3		41.3		45.5		41.3		22.3		7.5		0.5
-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



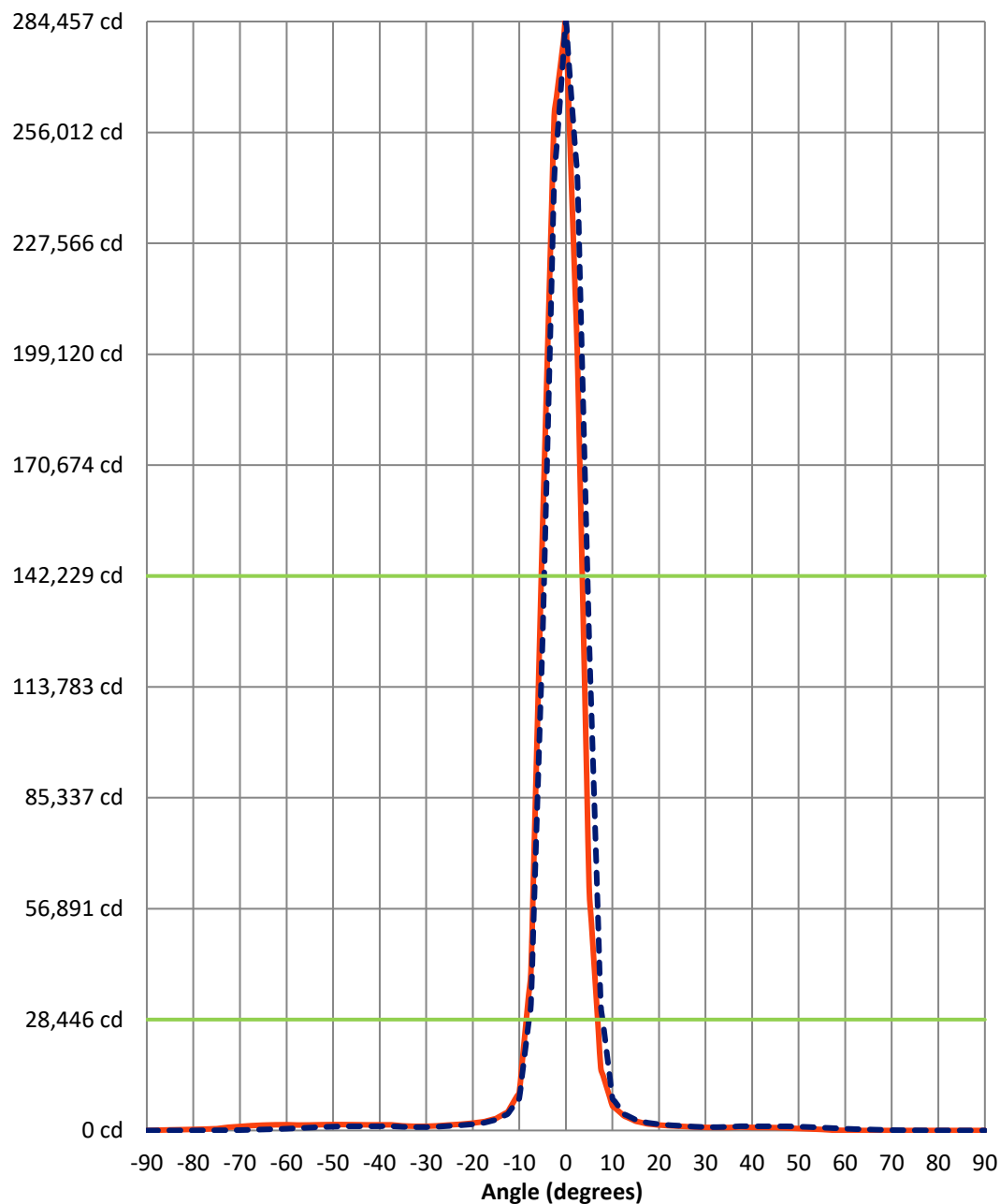
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 4384.7

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 6990

Efficiency: 57.8%

Spill:

Lumens: 5100.9

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	16.7
82.5°	0.0	2.8	2.8	5.6	5.6	8.4	8.4	14.0	16.7	19.5	25.1
80°	2.8	2.8	2.8	5.6	5.6	8.4	8.4	11.2	14.0	19.5	22.3
77.5°	0.0	2.8	2.8	2.8	5.6	5.6	5.6	8.4	11.2	14.0	16.7
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°	27.9	30.7	33.5	33.5	30.7	30.7	33.5	33.5	33.5	33.5	33.5
57.5°	75.4	80.9	83.7	83.7	83.7	80.9	92.1	94.9	83.7	78.2	86.5
55°	262.4	270.7	265.2	256.8	240.0	220.5	214.9	212.1	214.9	201.0	178.6
52.5°	382.4	390.8	388.0	382.4	371.2	357.3	346.1	334.9	323.8	301.4	276.3
50°	496.8	499.6	496.8	491.2	480.1	466.1	443.8	418.7	396.3	390.8	368.4
47.5°	625.2	633.6	633.6	630.8	622.4	597.3	563.8	527.5	510.8	505.2	482.9
45°	739.7	745.2	748.0	750.8	748.0	722.9	692.2	672.7	636.4	625.2	625.2
42.5°	770.4	773.1	775.9	778.7	787.1	767.6	742.4	709.0	700.6	697.8	692.2
40°	781.5	775.9	778.7	781.5	784.3	770.4	750.8	731.3	725.7	720.1	720.1
37.5°	887.6	862.5	842.9	826.2	812.2	798.3	778.7	762.0	748.0	736.9	748.0
35°	756.4	756.4	775.9	792.7	809.4	826.2	829.0	809.4	778.7	764.8	784.3
32.5°	773.1	773.1	773.1	778.7	784.3	798.3	812.2	820.6	842.9	817.8	817.8
30°	789.9	792.7	798.3	801.1	792.7	787.1	781.5	781.5	795.5	831.8	851.3
27.5°	887.6	887.6	879.2	868.0	842.9	803.9	784.3	756.4	759.2	775.9	823.4
25°	1046.7	1041.1	1021.6	993.6	949.0	893.2	840.1	781.5	756.4	748.0	767.6
22.5°	1197.4	1189.0	1163.9	1138.8	1102.5	1046.7	957.4	868.0	789.9	756.4	748.0
20°	1390.0	1370.5	1342.5	1303.5	1244.9	1189.0	1110.9	993.6	879.2	792.7	759.2
17.5°	1699.8	1674.7	1621.7	1551.9	1451.4	1364.9	1253.2	1141.6	1013.2	873.6	798.3
15°	2378.1	2313.9	2221.8	2029.2	1831.0	1666.3	1498.8	1311.8	1180.7	996.4	882.0
12.5°	3740.1	3564.3	3296.3	2847.0	2403.2	2020.8	1750.1	1510.0	1297.9	1127.6	965.7
10°	6330.3	5953.5	5213.9	3985.8	3168.0	2464.6	1978.9	1657.9	1390.0	1214.2	1035.5
7.5°	16010.0	13059.8	9241.5	6310.8	4144.9	3011.7	2263.6	1797.5	1487.7	1270.0	1091.3
5°	62399.0	51401.8	27420.3	11443.7	6235.4	3642.5	2520.4	1909.1	1551.9	1311.8	1133.2
2.5°	198035.0	171016.6	89724.3	24634.7	7656.1	4103.0	2696.3	1978.9	1588.2	1342.5	1163.9
0°	284457.4	243790.3	125922.8	32399.7	8303.7	4220.2	2752.1	1992.9	1593.7	1348.1	1163.9
-2.5°	260230.2	227752.4	121641.2	30150.0	8485.1	4253.7	2796.7	2040.3	1635.6	1373.2	1172.3
-5°	154627.0	135630.4	84853.8	21497.4	7538.9	3949.5	2679.5	1998.5	1607.7	1359.3	1166.7
-7.5°	40739.6	35269.0	23200.0	11217.6	4878.9	3341.0	2461.8	1928.7	1571.4	1334.2	1144.4
-10°	9822.1	9308.5	8314.8	5096.6	3798.8	2791.2	2182.7	1803.1	1498.8	1300.7	1108.1
-12.5°	4736.6	4624.9	4197.9	3461.0	2819.1	2319.4	1976.1	1671.9	1431.9	1242.1	1057.8
-15°	3081.4	3017.2	2872.1	2590.2	2263.6	2023.6	1783.5	1537.9	1348.1	1155.5	1016.0
-17.5°	2280.4	2277.6	2205.0	2098.9	1937.1	1758.4	1582.6	1426.3	1242.1	1077.4	971.3
-20°	1889.6	1889.6	1847.7	1778.0	1663.5	1546.3	1429.1	1283.9	1133.2	1010.4	965.7

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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°	1604.9	1607.7	1585.4	1540.7	1479.3	1381.6	1267.2	1150.0	1041.1	996.4	982.5
-25°	1420.7	1415.1	1390.0	1348.1	1283.9	1205.8	1130.4	1052.3	1021.6	1010.4	1029.9
-27.5°	1203.0	1211.4	1200.2	1180.7	1138.8	1083.0	1066.2	1043.9	1049.5	1066.2	1141.6
-30°	1074.6	1083.0	1094.1	1102.5	1088.5	1074.6	1080.2	1096.9	1133.2	1197.4	1225.3
-32.5°	1074.6	1077.4	1094.1	1110.9	1119.3	1130.4	1161.1	1216.9	1270.0	1253.2	1247.6
-35°	1172.3	1163.9	1186.2	1208.6	1239.3	1278.3	1311.8	1300.7	1281.1	1275.6	1281.1
-37.5°	1451.4	1398.4	1376.0	1362.1	1353.7	1348.1	1339.8	1331.4	1323.0	1317.4	1325.8
-40°	1448.6	1434.7	1420.7	1409.5	1401.2	1390.0	1384.4	1381.6	1373.2	1367.7	1362.1
-42.5°	1443.0	1448.6	1448.6	1445.8	1448.6	1445.8	1437.4	1426.3	1412.3	1401.2	1390.0
-45°	1484.9	1487.7	1493.3	1498.8	1507.2	1496.1	1479.3	1459.8	1440.2	1423.5	1409.5
-47.5°	1510.0	1512.8	1518.4	1526.8	1532.3	1521.2	1498.8	1473.7	1443.0	1415.1	1387.2
-50°	1518.4	1526.8	1529.6	1529.6	1526.8	1512.8	1479.3	1443.0	1409.5	1381.6	1356.5
-52.5°	1479.3	1487.7	1490.5	1484.9	1482.1	1468.1	1437.4	1403.9	1367.7	1348.1	1325.8
-55°	1415.1	1426.3	1434.7	1434.7	1434.7	1431.9	1403.9	1373.2	1345.3	1323.0	1300.7
-57.5°	1390.0	1409.5	1426.3	1429.1	1431.9	1434.7	1415.1	1384.4	1350.9	1317.4	1289.5
-60°	1482.1	1498.8	1507.2	1496.1	1487.7	1479.3	1448.6	1412.3	1378.8	1345.3	1292.3
-62.5°	1457.0	1484.9	1498.8	1490.5	1479.3	1465.4	1431.9	1390.0	1350.9	1314.6	1261.6
-65°	1376.0	1401.2	1417.9	1403.9	1387.2	1367.7	1337.0	1297.9	1261.6	1225.3	1177.9
-67.5°	1239.3	1275.6	1303.5	1272.8	1250.4	1225.3	1200.2	1166.7	1130.4	1088.5	1043.9
-70°	1024.4	1052.3	1077.4	1069.0	1063.4	1057.8	1041.1	1007.6	976.9	943.4	904.3
-72.5°	823.4	848.5	870.8	856.9	845.7	829.0	803.9	767.6	731.3	695.0	658.7
-75°	455.0	463.3	471.7	468.9	468.9	468.9	468.9	471.7	466.1	457.7	441.0
-77.5°	348.9	360.1	368.4	374.0	382.4	393.6	401.9	388.0	374.0	360.1	343.3
-80°	273.5	284.7	293.1	323.8	346.1	371.2	388.0	368.4	348.9	332.1	318.2
-82.5°	206.5	214.9	223.3	240.0	251.2	265.2	276.3	276.3	273.5	270.7	262.4
-85°	150.7	161.9	173.1	178.6	187.0	187.0	189.8	178.6	167.5	159.1	147.9
-87.5°	86.5	89.3	89.3	89.3	92.1	92.1	92.1	86.5	83.7	78.2	75.4
-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°	16.7	16.7	16.7	19.5	19.5	22.3	25.1	27.9	30.7	30.7	33.5
82.5°	27.9	30.7	33.5	36.3	39.1	41.9	44.7	47.4	55.8	61.4	64.2
80°	27.9	30.7	39.1	44.7	50.2	55.8	55.8	55.8	55.8	58.6	64.2
77.5°	19.5	22.3	25.1	30.7	44.7	55.8	64.2	69.8	64.2	61.4	55.8
75°	11.2	14.0	16.7	19.5	27.9	39.1	53.0	67.0	78.2	75.4	69.8
72.5°	11.2	11.2	14.0	16.7	19.5	22.3	25.1	39.1	55.8	69.8	78.2
70°	11.2	14.0	14.0	16.7	19.5	22.3	25.1	30.7	39.1	55.8	72.6
67.5°	11.2	14.0	14.0	19.5	25.1	27.9	30.7	27.9	25.1	36.3	53.0
65°	11.2	11.2	14.0	16.7	19.5	22.3	30.7	30.7	27.9	27.9	27.9
62.5°	16.7	16.7	16.7	16.7	19.5	19.5	19.5	25.1	25.1	25.1	25.1
60°	33.5	30.7	30.7	30.7	30.7	25.1	25.1	25.1	22.3	25.1	22.3
57.5°	80.9	67.0	61.4	61.4	53.0	50.2	41.9	30.7	30.7	25.1	25.1
55°	164.7	156.3	131.2	108.9	97.7	86.5	67.0	55.8	41.9	33.5	30.7
52.5°	254.0	231.7	209.3	181.4	153.5	131.2	111.6	86.5	69.8	50.2	39.1
50°	332.1	312.6	287.5	256.8	220.5	192.6	164.7	131.2	103.3	78.2	55.8
47.5°	452.2	413.1	382.4	346.1	304.2	265.2	228.9	189.8	145.1	114.4	86.5
45°	580.6	524.7	482.9	449.4	393.6	340.5	298.7	256.8	203.8	150.7	117.2
42.5°	669.9	628.0	572.2	527.5	477.3	421.5	365.6	321.0	265.2	203.8	150.7
40°	717.3	689.4	644.8	605.7	552.6	491.2	432.6	388.0	329.4	262.4	189.8
37.5°	753.6	739.7	717.3	686.6	636.4	563.8	505.2	452.2	401.9	323.8	245.6
35°	795.5	792.7	778.7	764.8	722.9	653.1	583.4	521.9	460.5	388.0	301.4
32.5°	834.6	831.8	823.4	817.8	801.1	739.7	664.3	594.5	524.7	449.4	354.5
30°	854.1	848.5	848.5	854.1	837.3	798.3	742.4	667.1	588.9	499.6	410.3
27.5°	854.1	848.5	851.3	859.7	856.9	837.3	795.5	734.1	647.5	547.1	460.5
25°	817.8	845.7	845.7	856.9	859.7	854.1	831.8	792.7	703.4	597.3	499.6
22.5°	767.6	834.6	859.7	856.9	859.7	873.6	876.4	840.1	756.4	647.5	538.7
20°	767.6	815.0	887.6	868.0	873.6	904.3	918.3	887.6	812.2	695.0	577.8
17.5°	784.3	815.0	876.4	907.1	915.5	940.6	962.9	943.4	862.5	745.2	630.8
15°	831.8	826.2	868.0	943.4	957.4	976.9	1002.0	979.7	907.1	801.1	681.0
12.5°	865.3	834.6	868.0	949.0	993.6	1013.2	1021.6	1004.8	946.2	851.3	731.3
10°	909.9	856.9	873.6	943.4	1007.6	1021.6	1029.9	1024.4	982.5	893.2	775.9
7.5°	943.4	868.0	868.0	935.0	1021.6	1032.7	1038.3	1043.9	1013.2	929.5	815.0
5°	957.4	868.0	862.5	926.7	1035.5	1046.7	1046.7	1055.1	1035.5	957.4	842.9
2.5°	960.2	865.3	856.9	921.1	1060.6	1060.6	1055.1	1063.4	1052.3	974.1	862.5
0°	974.1	862.5	854.1	929.5	1088.5	1077.4	1063.4	1066.2	1060.6	982.5	873.6
-2.5°	974.1	876.4	865.3	935.0	1085.8	1083.0	1077.4	1080.2	1074.6	1007.6	896.0
-5°	988.1	896.0	884.8	960.2	1083.0	1091.3	1094.1	1094.1	1085.8	1024.4	909.9
-7.5°	990.9	909.9	907.1	985.3	1088.5	1102.5	1110.9	1116.5	1099.7	1035.5	921.1
-10°	976.9	915.5	929.5	1016.0	1094.1	1113.7	1130.4	1138.8	1110.9	1041.1	926.7
-12.5°	946.2	915.5	951.8	1055.1	1108.1	1130.4	1155.5	1158.3	1122.0	1043.9	929.5
-15°	943.4	937.8	990.9	1094.1	1116.5	1144.4	1183.4	1175.1	1130.4	1043.9	929.5
-17.5°	940.6	968.5	1049.5	1108.1	1130.4	1161.1	1191.8	1183.4	1136.0	1043.9	923.9
-20°	965.7	1018.8	1119.3	1122.0	1147.2	1180.7	1197.4	1180.7	1127.6	1035.5	915.5

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CATALOG NUMBER: IFLD-M-SA4B-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°	1007.6	1108.1	1141.6	1152.7	1175.1	1200.2	1208.6	1183.4	1119.3	1021.6	901.5
-25°	1113.7	1163.9	1163.9	1189.0	1211.4	1222.5	1214.2	1186.2	1108.1	1007.6	887.6
-27.5°	1194.6	1191.8	1205.8	1230.9	1250.4	1250.4	1228.1	1172.3	1091.3	993.6	868.0
-30°	1225.3	1228.1	1247.6	1275.6	1281.1	1267.2	1233.7	1161.1	1077.4	971.3	842.9
-32.5°	1256.0	1267.2	1292.3	1306.3	1309.0	1281.1	1219.7	1141.6	1055.1	946.2	815.0
-35°	1292.3	1314.6	1328.6	1331.4	1317.4	1270.0	1200.2	1116.5	1021.6	909.9	789.9
-37.5°	1339.8	1350.9	1359.3	1348.1	1309.0	1253.2	1166.7	1083.0	990.9	870.8	753.6
-40°	1370.5	1376.0	1378.8	1342.5	1295.1	1214.2	1130.4	1043.9	937.8	826.2	714.5
-42.5°	1390.0	1384.4	1362.1	1323.0	1253.2	1175.1	1094.1	996.4	890.4	781.5	672.7
-45°	1384.4	1364.9	1331.4	1283.9	1211.4	1133.2	1038.3	940.6	840.1	734.1	625.2
-47.5°	1362.1	1331.4	1289.5	1233.7	1166.7	1071.8	976.9	882.0	784.3	681.0	580.6
-50°	1334.2	1297.9	1247.6	1177.9	1088.5	1002.0	915.5	823.4	722.9	628.0	538.7
-52.5°	1303.5	1264.4	1200.2	1122.0	1024.4	935.0	851.3	762.0	669.9	580.6	502.4
-55°	1270.0	1230.9	1158.3	1069.0	971.3	873.6	792.7	717.3	628.0	541.5	471.7
-57.5°	1253.2	1203.0	1127.6	1038.3	935.0	834.6	764.8	683.8	602.9	513.6	446.6
-60°	1239.3	1189.0	1119.3	1016.0	918.3	823.4	742.4	664.3	577.8	494.0	427.0
-62.5°	1200.2	1147.2	1083.0	982.5	887.6	801.1	728.5	636.4	552.6	474.5	413.1
-65°	1122.0	1066.2	1010.4	921.1	834.6	753.6	681.0	597.3	519.2	452.2	399.1
-67.5°	999.2	951.8	901.5	826.2	753.6	681.0	614.1	541.5	477.3	429.8	401.9
-70°	862.5	812.2	762.0	700.6	639.2	580.6	527.5	474.5	432.6	407.5	385.2
-72.5°	628.0	605.7	580.6	533.1	482.9	446.6	421.5	399.1	368.4	346.1	332.1
-75°	418.7	388.0	348.9	332.1	334.9	329.4	315.4	298.7	284.7	276.3	256.8
-77.5°	326.6	309.8	290.3	270.7	262.4	254.0	242.8	228.9	217.7	198.2	170.3
-80°	301.4	287.5	273.5	259.6	245.6	226.1	203.8	181.4	170.3	161.9	159.1
-82.5°	248.4	231.7	214.9	201.0	181.4	167.5	153.5	142.3	142.3	139.6	136.8
-85°	142.3	136.8	128.4	122.8	117.2	108.9	100.5	94.9	92.1	89.3	86.5
-87.5°	72.6	69.8	64.2	61.4	58.6	55.8	50.2	47.4	44.7	44.7	41.9
-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-M-SA4B-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°	14.0	14.0	11.2	11.2	11.2	8.4	5.6	5.6	2.8	2.8	0.0
85°	33.5	27.9	25.1	22.3	22.3	16.7	11.2	8.4	5.6	2.8	2.8
82.5°	64.2	55.8	47.4	41.9	33.5	25.1	19.5	14.0	8.4	5.6	2.8
80°	72.6	72.6	69.8	58.6	47.4	36.3	25.1	16.7	11.2	8.4	5.6
77.5°	55.8	61.4	61.4	61.4	58.6	44.7	30.7	19.5	11.2	8.4	5.6
75°	64.2	55.8	53.0	55.8	53.0	44.7	36.3	22.3	14.0	11.2	5.6
72.5°	78.2	67.0	58.6	55.8	50.2	41.9	33.5	25.1	14.0	11.2	8.4
70°	72.6	69.8	64.2	58.6	50.2	41.9	33.5	25.1	16.7	11.2	8.4
67.5°	64.2	64.2	64.2	58.6	50.2	39.1	30.7	22.3	16.7	11.2	8.4
65°	44.7	53.0	58.6	55.8	50.2	39.1	30.7	22.3	16.7	14.0	8.4
62.5°	27.9	36.3	47.4	53.0	47.4	39.1	27.9	22.3	16.7	14.0	8.4
60°	25.1	27.9	33.5	41.9	44.7	36.3	27.9	19.5	16.7	14.0	8.4
57.5°	25.1	25.1	27.9	33.5	36.3	33.5	25.1	16.7	16.7	14.0	11.2
55°	27.9	25.1	25.1	27.9	30.7	30.7	25.1	16.7	16.7	14.0	11.2
52.5°	33.5	27.9	25.1	25.1	25.1	27.9	22.3	16.7	16.7	14.0	11.2
50°	41.9	33.5	30.7	25.1	25.1	25.1	22.3	16.7	14.0	14.0	11.2
47.5°	55.8	44.7	33.5	30.7	25.1	22.3	19.5	16.7	14.0	14.0	11.2
45°	83.7	53.0	44.7	33.5	27.9	25.1	22.3	16.7	14.0	14.0	11.2
42.5°	114.4	78.2	55.8	39.1	30.7	25.1	22.3	19.5	14.0	14.0	11.2
40°	145.1	106.1	69.8	50.2	36.3	27.9	22.3	19.5	16.7	14.0	11.2
37.5°	178.6	131.2	92.1	64.2	41.9	30.7	25.1	19.5	16.7	14.0	11.2
35°	220.5	164.7	114.4	78.2	50.2	36.3	27.9	19.5	16.7	14.0	11.2
32.5°	268.0	195.4	136.8	94.9	64.2	44.7	30.7	22.3	16.7	14.0	11.2
30°	312.6	231.7	161.9	114.4	78.2	50.2	33.5	22.3	16.7	14.0	8.4
27.5°	357.3	268.0	192.6	134.0	94.9	58.6	36.3	25.1	16.7	14.0	11.2
25°	401.9	304.2	223.3	153.5	108.9	69.8	44.7	27.9	16.7	14.0	11.2
22.5°	441.0	340.5	251.2	175.8	125.6	80.9	50.2	30.7	19.5	14.0	11.2
20°	485.7	379.6	281.9	201.0	139.6	92.1	55.8	33.5	19.5	14.0	11.2
17.5°	527.5	418.7	312.6	223.3	156.3	103.3	64.2	36.3	22.3	14.0	11.2
15°	569.4	455.0	340.5	245.6	173.1	114.4	69.8	39.1	25.1	14.0	11.2
12.5°	608.5	488.5	365.6	265.2	187.0	125.6	75.4	41.9	27.9	14.0	11.2
10°	644.8	519.2	390.8	281.9	201.0	134.0	80.9	47.4	30.7	14.0	11.2
7.5°	681.0	544.3	410.3	298.7	217.7	145.1	86.5	50.2	33.5	16.7	11.2
5°	703.4	566.6	427.0	312.6	231.7	156.3	92.1	53.0	36.3	16.7	11.2
2.5°	722.9	583.4	438.2	326.6	245.6	164.7	92.1	55.8	39.1	16.7	11.2
0°	734.1	594.5	446.6	334.9	256.8	170.3	94.9	58.6	41.9	16.7	11.2
-2.5°	759.2	614.1	466.1	346.1	268.0	187.0	100.5	61.4	44.7	19.5	11.2
-5°	775.9	625.2	480.1	357.3	276.3	203.8	108.9	67.0	50.2	25.1	14.0
-7.5°	789.9	636.4	491.2	362.8	284.7	209.3	111.6	69.8	53.0	27.9	14.0
-10°	792.7	642.0	499.6	371.2	290.3	217.7	114.4	72.6	55.8	30.7	14.0
-12.5°	795.5	647.5	502.4	376.8	295.9	223.3	117.2	75.4	58.6	33.5	14.0
-15°	792.7	644.8	502.4	382.4	298.7	217.7	122.8	78.2	61.4	36.3	14.0
-17.5°	787.1	642.0	499.6	379.6	295.9	212.1	125.6	83.7	61.4	39.1	16.7
-20°	778.7	633.6	494.0	376.8	293.1	206.5	128.4	86.5	64.2	39.1	16.7



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CATALOG NUMBER: IFLD-M-SA4B-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°	764.8	619.6	482.9	368.4	287.5	201.0	128.4	92.1	67.0	39.1	16.7
-25°	748.0	605.7	471.7	357.3	279.1	192.6	128.4	94.9	69.8	39.1	16.7
-27.5°	728.5	591.7	455.0	348.9	268.0	187.0	128.4	97.7	72.6	39.1	16.7
-30°	706.2	572.2	441.0	334.9	259.6	187.0	131.2	100.5	75.4	39.1	16.7
-32.5°	683.8	552.6	424.3	323.8	248.4	184.2	131.2	103.3	78.2	36.3	19.5
-35°	658.7	530.3	410.3	315.4	240.0	178.6	134.0	103.3	75.4	36.3	19.5
-37.5°	628.0	502.4	396.3	307.0	234.5	173.1	134.0	106.1	72.6	36.3	19.5
-40°	594.5	480.1	379.6	295.9	226.1	170.3	134.0	106.1	69.8	36.3	22.3
-42.5°	558.2	455.0	362.8	284.7	217.7	167.5	134.0	106.1	67.0	36.3	22.3
-45°	524.7	429.8	343.3	270.7	209.3	167.5	134.0	103.3	61.4	39.1	22.3
-47.5°	488.5	401.9	321.0	256.8	206.5	164.7	131.2	97.7	55.8	39.1	22.3
-50°	457.7	374.0	304.2	242.8	201.0	167.5	134.0	89.3	55.8	39.1	22.3
-52.5°	427.0	354.5	284.7	237.2	195.4	170.3	131.2	83.7	55.8	39.1	22.3
-55°	401.9	334.9	273.5	228.9	201.0	175.8	125.6	75.4	55.8	39.1	22.3
-57.5°	382.4	323.8	265.2	231.7	209.3	170.3	117.2	72.6	55.8	36.3	22.3
-60°	368.4	312.6	268.0	242.8	212.1	161.9	111.6	72.6	55.8	36.3	19.5
-62.5°	357.3	315.4	281.9	251.2	201.0	150.7	106.1	72.6	50.2	33.5	19.5
-65°	360.1	326.6	287.5	240.0	192.6	139.6	97.7	69.8	47.4	30.7	19.5
-67.5°	368.4	318.2	270.7	226.1	173.1	125.6	89.3	64.2	44.7	30.7	19.5
-70°	340.5	293.1	245.6	192.6	147.9	108.9	83.7	58.6	39.1	27.9	19.5
-72.5°	307.0	245.6	195.4	156.3	125.6	100.5	75.4	53.0	36.3	25.1	16.7
-75°	223.3	178.6	145.1	131.2	111.6	89.3	67.0	47.4	33.5	25.1	16.7
-77.5°	159.1	147.9	134.0	120.0	100.5	78.2	58.6	44.7	30.7	22.3	14.0
-80°	156.3	142.3	125.6	103.3	83.7	67.0	50.2	39.1	27.9	19.5	11.2
-82.5°	131.2	111.6	94.9	78.2	64.2	53.0	41.9	30.7	22.3	14.0	8.4
-85°	80.9	69.8	61.4	53.0	44.7	36.3	27.9	19.5	14.0	8.4	5.6
-87.5°	39.1	36.3	30.7	25.1	22.3	16.7	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-M-SA4B-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°	5.6	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: P723736

CATALOG NUMBER: IFLD-M-SA4B-740-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)