

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: P640020

Luminaire Tested: **IFLD-M-SA4A-AMB-U-LAM-VI**

Issue Date: 02/09/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P640020  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 02/09/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4A-AMB-U-LAM-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ LA distribution lens and VISOR  
Light Source: (64) 1620K CCT, 0 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

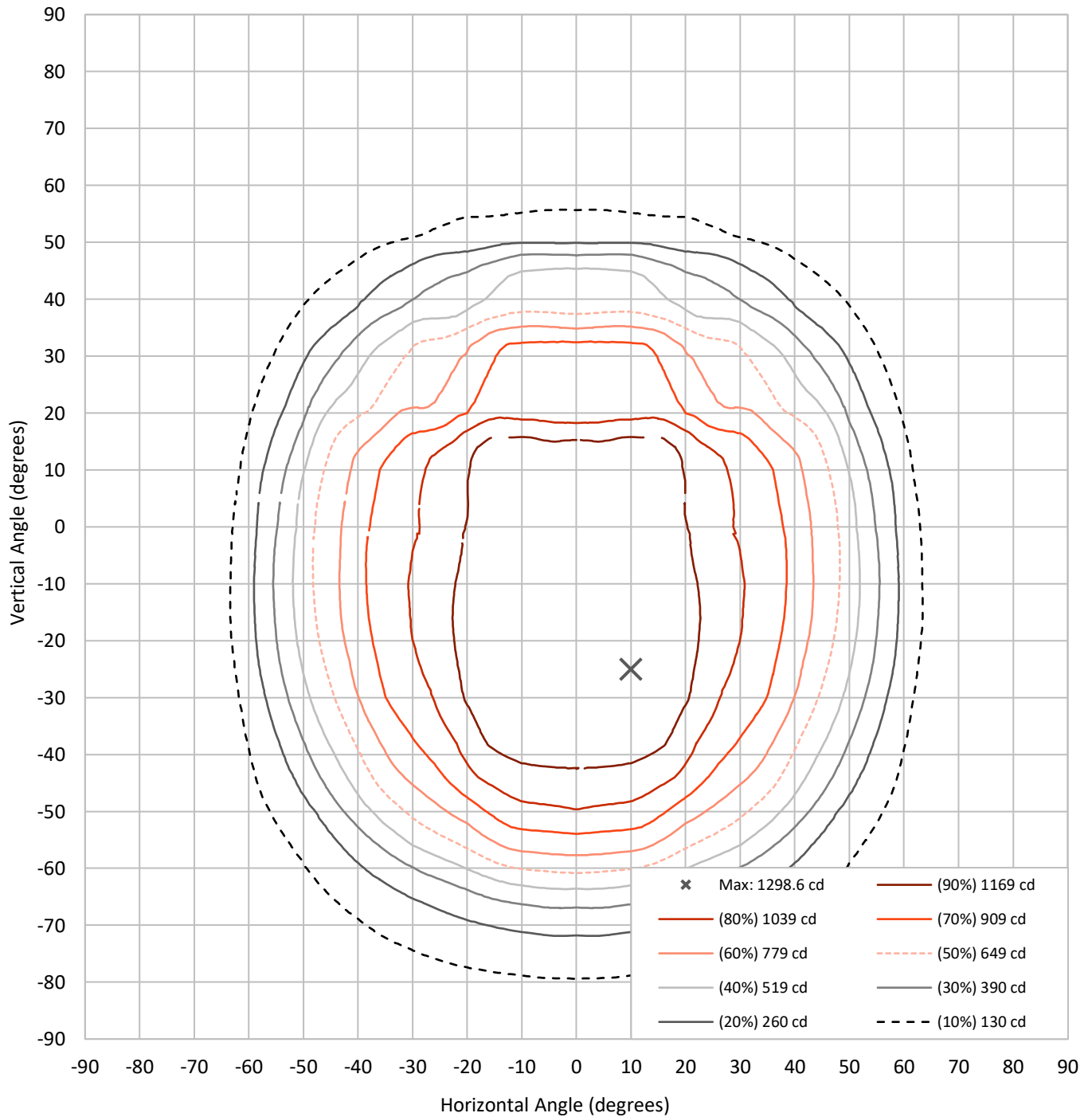
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 7V
Luminaire Lumens:	2811 lumens	Max Intensity:	1298.6 candela
Efficiency:	N/A	Max Intensity Angle:	10°H x -25°V
Efficacy:	21.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	91.8°H x 97.6°V	Field Angle (10%):	124.7°H x 134.2°V
Beam Lumens:	2181.6 lumens	Field Lumens:	2745.5 lumens
Beam Efficiency:	77.6%	Field Efficiency:	97.7%
Input Watts (W):	128.6		
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:	25 FT		



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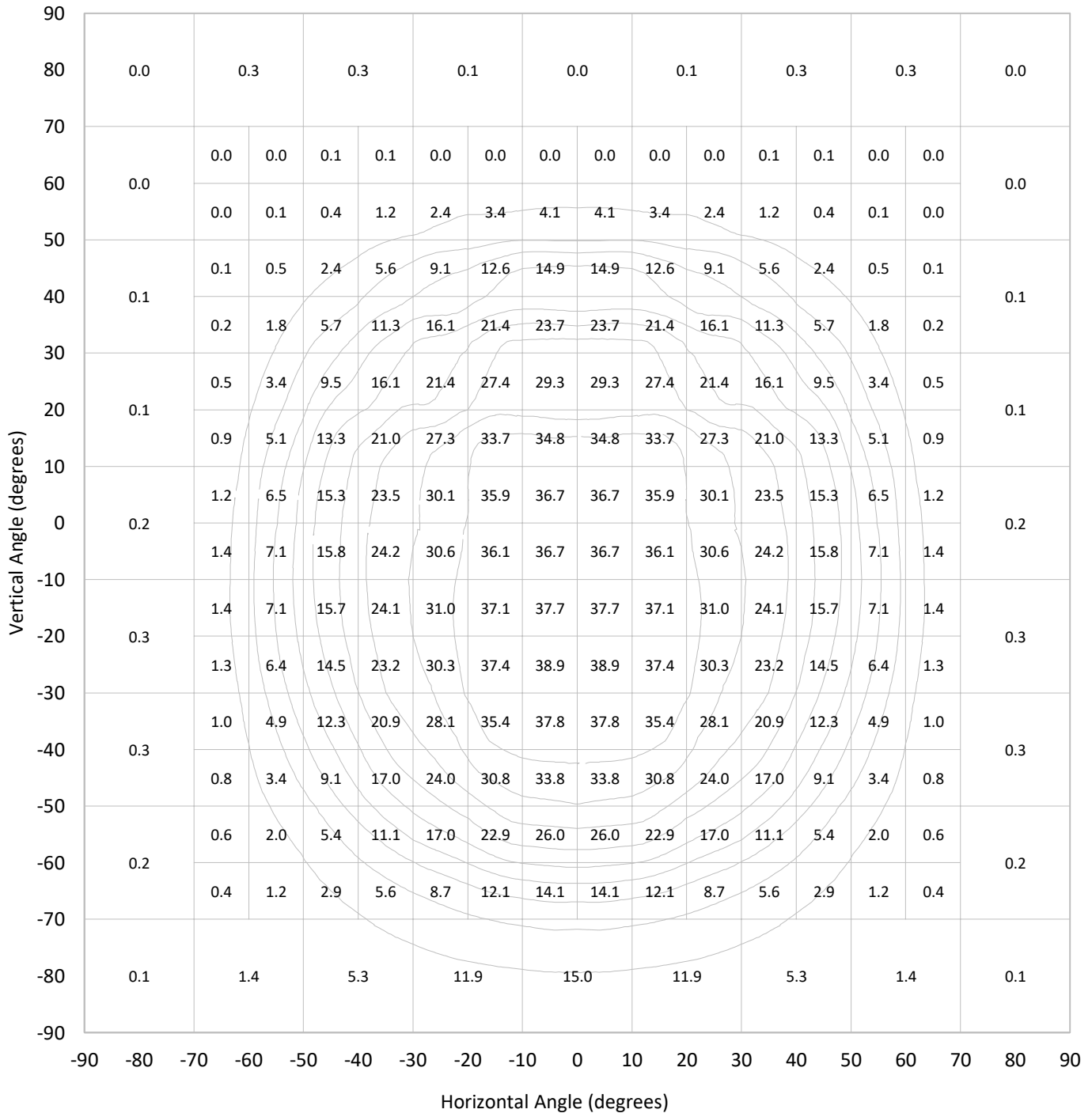
### Iso-Candela Plot





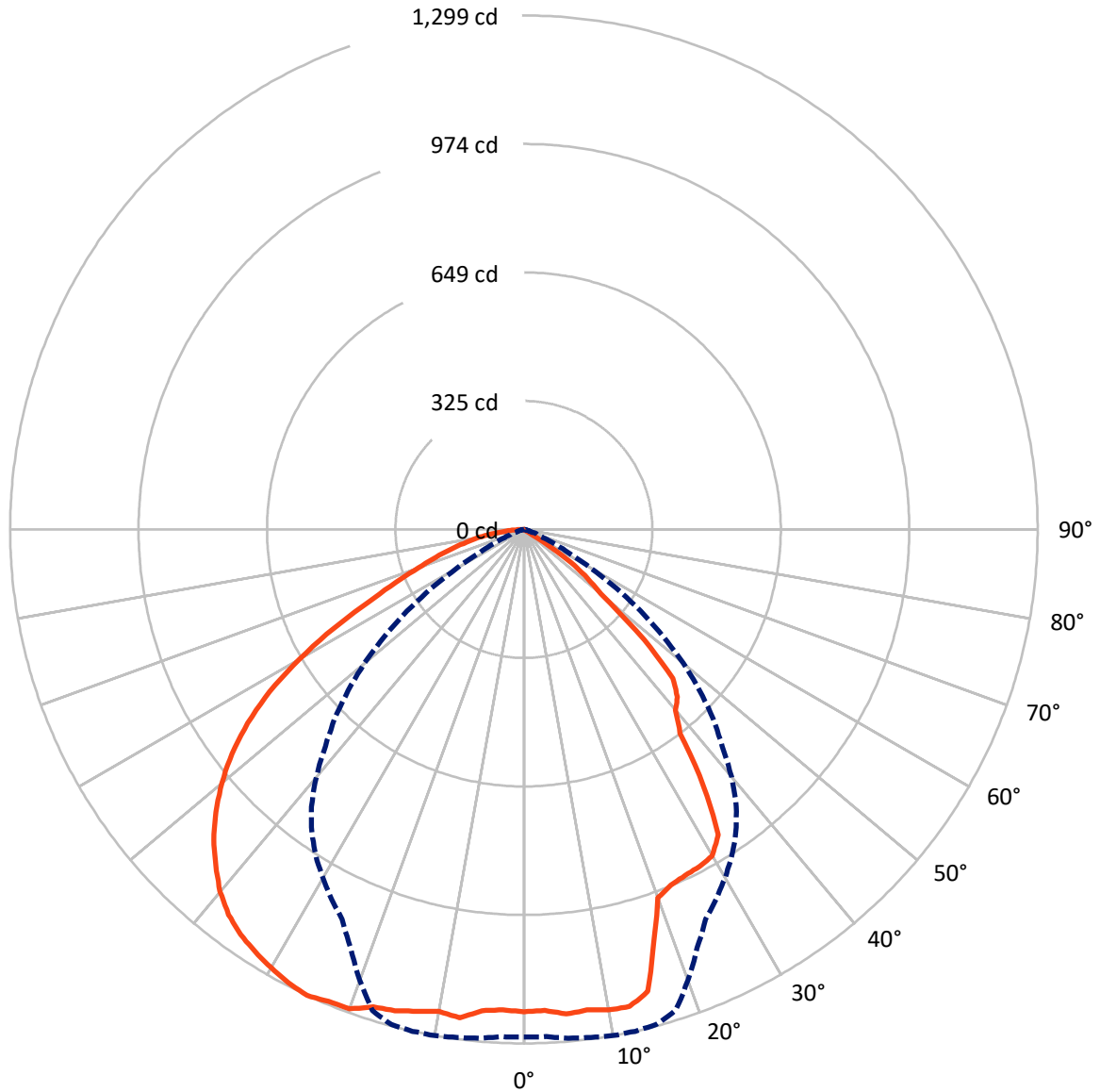
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### Lumen Table



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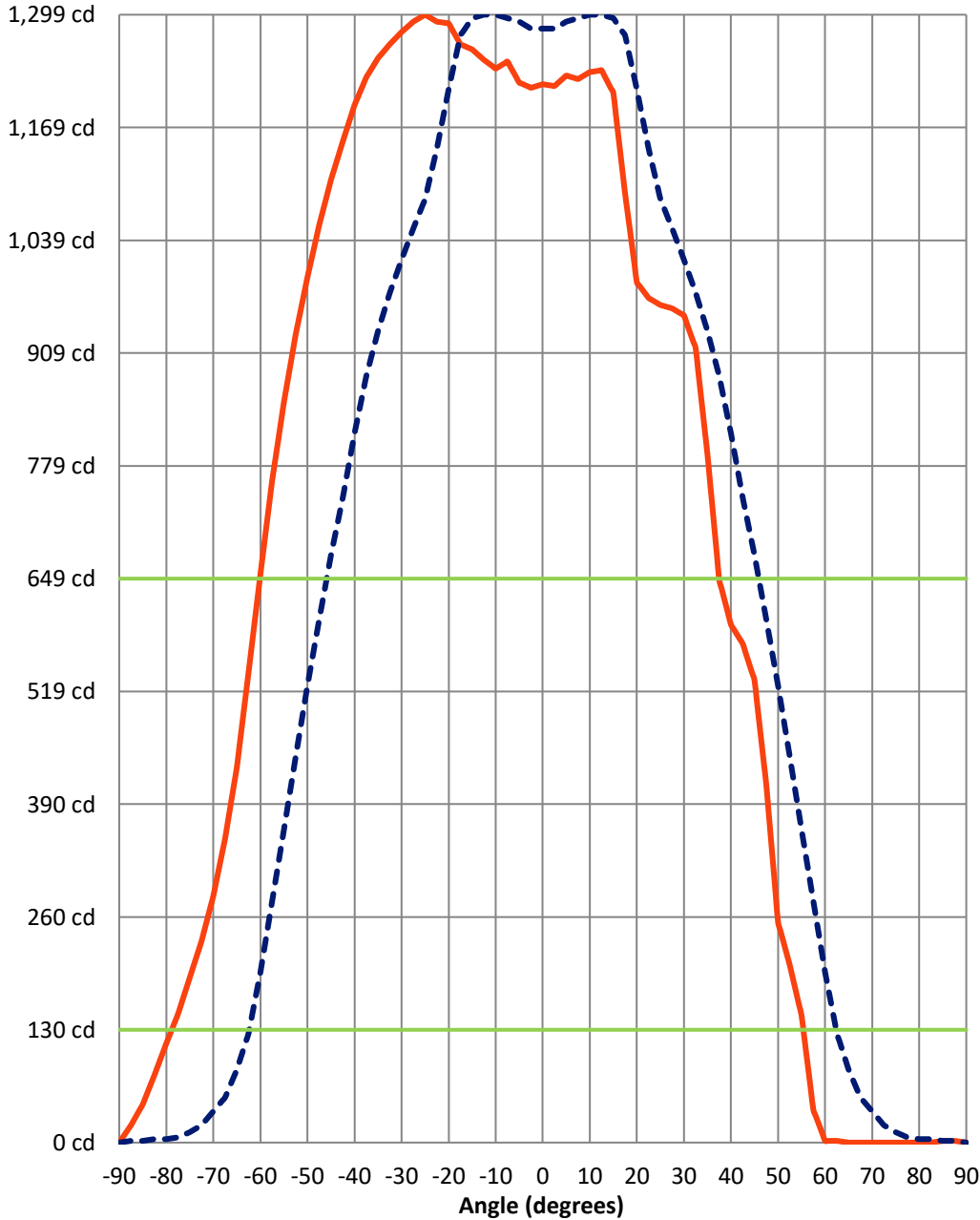
### Luminous Intensity Polar Plot



— Vertical Distribution Through 10-Deg      - - - Horizontal Distribution Through -25-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 91.8°  
 V Angle: 97.6°  
 Lumens: 2181.6  
 Efficiency: 77.6%

**Field:**  
 H Angle: 124.7°  
 V Angle: 134.2°  
 Lumens: 2745.5  
 Efficiency: 97.7%

**Spill:**  
 Lumens: 65.5  
 Efficiency: 2.3%

— Vertical Distribution through 10-Deg  
 - - - Horizontal Distribution through -25-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	0.0	0.0	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	0.0	0.0	0.0	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0
62.5°	0.0	0.0	0.0	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
60°	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	4.0	2.0	4.0
57.5°	8.0	14.0	22.0	32.0	38.0	42.0	44.0	40.0	28.0	22.0	28.0
55°	186.1	190.1	180.1	164.1	146.1	132.1	124.1	124.1	130.1	110.0	86.0
52.5°	230.1	228.1	222.1	212.1	204.1	192.1	180.1	170.1	162.1	150.1	136.1
50°	252.1	250.1	252.1	254.1	254.1	248.1	232.1	206.1	184.1	196.1	184.1
47.5°	400.2	410.2	414.2	418.2	412.2	382.2	346.2	322.1	300.1	284.1	274.1
45°	558.2	558.2	548.2	538.2	532.2	504.2	464.2	430.2	392.2	372.2	362.2
42.5°	590.3	588.3	582.3	578.3	574.3	546.2	508.2	466.2	440.2	418.2	398.2
40°	610.3	608.3	606.3	602.3	596.3	574.3	544.2	508.2	476.2	440.2	428.2
37.5°	626.3	630.3	640.3	648.3	648.3	638.3	598.3	574.3	534.2	478.2	486.2
35°	762.3	776.3	794.4	804.4	792.4	774.3	760.3	696.3	644.3	596.3	576.3
32.5°	924.4	928.4	920.4	920.4	914.4	910.4	874.4	802.4	756.3	700.3	672.3
30°	954.4	966.4	958.4	954.4	952.4	946.4	908.4	850.4	790.4	756.3	722.3
27.5°	970.4	960.4	962.4	960.4	960.4	960.4	926.4	882.4	826.4	776.3	744.3
25°	972.4	968.4	966.4	964.4	964.4	958.4	944.4	906.4	854.4	800.4	760.3
22.5°	964.4	972.4	970.4	970.4	972.4	972.4	964.4	922.4	874.4	830.4	784.3
20°	970.4	964.4	982.4	994.4	990.4	1006.4	1004.4	964.4	908.4	876.4	816.4
17.5°	1068.5	1072.5	1070.5	1092.5	1092.5	1096.5	1116.5	1070.5	1012.5	950.4	898.4
15°	1202.5	1194.5	1180.5	1202.5	1208.5	1200.5	1214.5	1166.5	1124.5	1044.5	996.4
12.5°	1204.5	1210.5	1214.5	1228.5	1234.6	1240.6	1236.6	1200.5	1150.5	1104.5	1064.5
10°	1204.5	1202.5	1212.5	1220.5	1232.5	1240.6	1248.6	1218.5	1158.5	1122.5	1076.5
7.5°	1220.5	1202.5	1212.5	1210.5	1224.5	1232.5	1242.6	1220.5	1168.5	1124.5	1084.5
5°	1200.5	1202.5	1210.5	1222.5	1228.5	1230.5	1234.6	1216.5	1166.5	1124.5	1088.5
2.5°	1190.5	1204.5	1208.5	1210.5	1216.5	1222.5	1230.5	1214.5	1164.5	1124.5	1086.5
0°	1196.5	1210.5	1198.5	1206.5	1218.5	1230.5	1236.6	1226.5	1174.5	1132.5	1096.5
-2.5°	1180.5	1198.5	1194.5	1202.5	1214.5	1222.5	1230.5	1224.5	1188.5	1132.5	1100.5
-5°	1190.5	1206.5	1208.5	1220.5	1220.5	1230.5	1236.6	1232.5	1188.5	1142.5	1106.5
-7.5°	1194.5	1216.5	1216.5	1220.5	1244.6	1240.6	1242.6	1230.5	1198.5	1152.5	1114.5
-10°	1202.5	1214.5	1224.5	1232.5	1236.6	1252.6	1260.6	1242.6	1216.5	1160.5	1118.5
-12.5°	1214.5	1226.5	1232.5	1240.6	1246.6	1250.6	1264.6	1258.6	1224.5	1168.5	1112.5
-15°	1228.5	1242.6	1244.6	1252.6	1258.6	1264.6	1272.6	1264.6	1234.6	1172.5	1120.5
-17.5°	1240.6	1254.6	1258.6	1260.6	1264.6	1280.6	1284.6	1274.6	1228.5	1170.5	1118.5
-20°	1254.6	1262.6	1272.6	1276.6	1288.6	1294.6	1294.6	1268.6	1220.5	1166.5	1112.5



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 CATALOG NUMBER: IFLD-M-SA4A-AMB-U-LAM-VI

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1272.6	1272.6	1282.6	1288.6	1290.6	1296.6	1294.6	1264.6	1216.5	1158.5	1106.5
-25°	1282.6	1282.6	1290.6	1294.6	1298.6	1298.6	1294.6	1274.6	1212.5	1144.5	1086.5
-27.5°	1290.6	1288.6	1288.6	1290.6	1290.6	1286.6	1278.6	1260.6	1202.5	1128.5	1070.5
-30°	1294.6	1280.6	1280.6	1282.6	1278.6	1274.6	1258.6	1234.6	1186.5	1118.5	1062.5
-32.5°	1286.6	1264.6	1266.6	1270.6	1264.6	1256.6	1240.6	1202.5	1152.5	1098.5	1046.5
-35°	1264.6	1252.6	1250.6	1252.6	1248.6	1236.6	1224.5	1180.5	1130.5	1068.5	1016.5
-37.5°	1228.5	1230.5	1230.5	1230.5	1226.5	1214.5	1204.5	1158.5	1094.5	1030.5	986.4
-40°	1194.5	1198.5	1200.5	1198.5	1194.5	1178.5	1156.5	1122.5	1064.5	1006.4	950.4
-42.5°	1168.5	1166.5	1164.5	1160.5	1152.5	1134.5	1114.5	1086.5	1024.5	964.4	910.4
-45°	1146.5	1132.5	1122.5	1116.5	1108.5	1088.5	1058.5	1026.5	972.4	922.4	880.4
-47.5°	1092.5	1084.5	1074.5	1066.5	1056.5	1034.5	998.4	956.4	910.4	866.4	820.4
-50°	1030.5	1018.5	1008.4	1004.4	996.4	978.4	936.4	892.4	842.4	800.4	756.3
-52.5°	952.4	946.4	940.4	936.4	930.4	914.4	870.4	820.4	766.3	730.3	696.3
-55°	876.4	872.4	866.4	860.4	852.4	840.4	794.4	748.3	704.3	662.3	624.3
-57.5°	788.4	788.4	782.3	772.3	762.3	746.3	706.3	660.3	614.3	572.3	540.2
-60°	686.3	682.3	672.3	664.3	654.3	638.3	604.3	564.3	524.2	486.2	454.2
-62.5°	572.3	574.3	570.3	558.2	542.2	526.2	498.2	464.2	430.2	396.2	370.2
-65°	454.2	456.2	452.2	442.2	432.2	420.2	400.2	376.2	350.2	326.1	302.1
-67.5°	366.2	370.2	372.2	360.2	350.2	340.2	326.1	308.1	290.1	274.1	256.1
-70°	298.1	300.1	302.1	292.1	284.1	276.1	266.1	254.1	242.1	228.1	214.1
-72.5°	244.1	246.1	246.1	238.1	232.1	226.1	218.1	208.1	198.1	188.1	176.1
-75°	198.1	200.1	202.1	196.1	190.1	184.1	178.1	170.1	162.1	154.1	144.1
-77.5°	154.1	156.1	156.1	152.1	148.1	144.1	140.1	134.1	128.1	122.1	114.1
-80°	122.1	120.1	120.1	118.1	114.1	110.0	108.0	102.0	98.0	92.0	86.0
-82.5°	70.0	72.0	74.0	76.0	78.0	80.0	80.0	76.0	72.0	68.0	64.0
-85°	38.0	38.0	38.0	40.0	44.0	44.0	46.0	44.0	44.0	42.0	40.0
-87.5°	16.0	18.0	18.0	18.0	20.0	20.0	20.0	18.0	16.0	16.0	14.0
-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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 CATALOG NUMBER: IFLD-M-SA4A-AMB-U-LAM-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°	2.0	2.0	2.0	4.0	4.0	4.0	2.0	2.0	4.0	4.0	4.0
85°	2.0	4.0	4.0	4.0	4.0	6.0	6.0	6.0	6.0	6.0	6.0
82.5°	2.0	2.0	2.0	4.0	4.0	6.0	6.0	8.0	8.0	6.0	6.0
80°	2.0	2.0	2.0	2.0	4.0	4.0	6.0	6.0	6.0	6.0	6.0
77.5°	0.0	2.0	2.0	2.0	2.0	4.0	4.0	4.0	4.0	4.0	4.0
75°	0.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	4.0	4.0	4.0
72.5°	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0
70°	0.0	2.0	2.0	2.0	2.0	4.0	4.0	2.0	2.0	2.0	2.0
67.5°	0.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	2.0	2.0
65°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
62.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
60°	4.0	4.0	4.0	6.0	6.0	4.0	4.0	4.0	4.0	2.0	2.0
57.5°	28.0	16.0	14.0	16.0	14.0	12.0	8.0	4.0	4.0	4.0	4.0
55°	76.0	74.0	54.0	38.0	30.0	26.0	18.0	14.0	8.0	6.0	6.0
52.5°	114.1	102.0	96.0	82.0	62.0	48.0	36.0	26.0	16.0	10.0	6.0
50°	154.1	144.1	136.1	124.1	100.0	82.0	62.0	44.0	30.0	20.0	12.0
47.5°	258.1	214.1	190.1	176.1	152.1	122.1	100.0	76.0	50.0	34.0	22.0
45°	334.1	298.1	258.1	232.1	198.1	162.1	136.1	116.1	82.0	52.0	36.0
42.5°	380.2	346.2	308.1	276.1	240.1	202.1	168.1	144.1	120.1	80.0	52.0
40°	416.2	388.2	346.2	322.1	282.1	240.1	200.1	176.1	150.1	116.1	70.0
37.5°	486.2	454.2	408.2	382.2	342.2	280.1	244.1	216.1	184.1	148.1	104.0
35°	580.3	560.2	496.2	452.2	412.2	350.2	288.1	256.1	222.1	182.1	138.1
32.5°	666.3	636.3	576.3	524.2	484.2	422.2	352.2	298.1	262.1	214.1	166.1
30°	704.3	674.3	630.3	580.3	530.2	472.2	416.2	342.2	298.1	246.1	194.1
27.5°	722.3	700.3	662.3	616.3	566.3	512.2	460.2	398.2	330.1	274.1	220.1
25°	736.3	714.3	694.3	646.3	596.3	544.2	492.2	452.2	368.2	302.1	244.1
22.5°	746.3	742.3	730.3	680.3	620.3	580.3	542.2	496.2	418.2	334.1	266.1
20°	796.4	802.4	788.4	722.3	664.3	634.3	596.3	544.2	468.2	366.2	286.1
17.5°	882.4	878.4	852.4	788.4	730.3	688.3	652.3	596.3	516.2	404.2	318.1
15°	976.4	950.4	906.4	850.4	794.4	746.3	704.3	638.3	552.2	448.2	352.2
12.5°	1026.5	984.4	948.4	898.4	850.4	796.4	734.3	666.3	582.3	484.2	384.2
10°	1040.5	1008.4	978.4	932.4	874.4	812.4	750.3	688.3	608.3	512.2	414.2
7.5°	1048.5	1020.5	986.4	944.4	886.4	826.4	764.3	706.3	630.3	536.2	442.2
5°	1052.5	1024.5	990.4	954.4	896.4	836.4	772.3	720.3	648.3	554.2	458.2
2.5°	1054.5	1026.5	994.4	966.4	910.4	842.4	786.4	726.3	660.3	568.3	466.2
0°	1054.5	1022.5	996.4	978.4	920.4	844.4	794.4	726.3	664.3	574.3	468.2
-2.5°	1052.5	1034.5	1000.4	980.4	936.4	856.4	800.4	730.3	672.3	588.3	482.2
-5°	1070.5	1040.5	1006.4	982.4	940.4	862.4	800.4	732.3	674.3	594.3	488.2
-7.5°	1080.5	1044.5	1014.5	984.4	938.4	868.4	800.4	738.3	674.3	594.3	496.2
-10°	1080.5	1048.5	1018.5	984.4	936.4	868.4	802.4	740.3	672.3	592.3	498.2
-12.5°	1076.5	1046.5	1018.5	982.4	932.4	862.4	800.4	736.3	668.3	586.3	498.2
-15°	1076.5	1044.5	1016.5	976.4	928.4	856.4	800.4	730.3	660.3	580.3	492.2
-17.5°	1074.5	1044.5	1006.4	968.4	918.4	852.4	792.4	722.3	652.3	572.3	484.2
-20°	1070.5	1038.5	1000.4	962.4	906.4	844.4	778.3	708.3	640.3	560.2	472.2



REPORT NUMBER: P640020  
 CATALOG NUMBER: IFLD-M-SA4A-AMB-U-LAM-VI

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1064.5	1028.5	990.4	948.4	894.4	830.4	762.3	694.3	622.3	544.2	460.2
-25°	1052.5	1016.5	978.4	934.4	882.4	816.4	742.3	676.3	602.3	526.2	444.2
-27.5°	1038.5	1000.4	964.4	922.4	870.4	802.4	726.3	652.3	580.3	506.2	424.2
-30°	1016.5	980.4	946.4	912.4	852.4	776.3	700.3	628.3	560.2	482.2	400.2
-32.5°	994.4	958.4	924.4	882.4	826.4	742.3	670.3	602.3	534.2	454.2	374.2
-35°	972.4	932.4	894.4	848.4	780.3	706.3	638.3	572.3	500.2	424.2	346.2
-37.5°	946.4	904.4	862.4	810.4	744.3	674.3	602.3	538.2	470.2	390.2	316.1
-40°	908.4	872.4	834.4	774.3	710.3	636.3	564.3	502.2	432.2	358.2	288.1
-42.5°	876.4	838.4	790.4	736.3	670.3	600.3	532.2	464.2	396.2	326.1	260.1
-45°	832.4	786.4	740.3	694.3	628.3	560.2	490.2	424.2	358.2	292.1	230.1
-47.5°	772.3	730.3	688.3	638.3	582.3	510.2	444.2	380.2	316.1	252.1	202.1
-50°	714.3	676.3	630.3	578.3	518.2	454.2	392.2	332.1	266.1	216.1	178.1
-52.5°	658.3	618.3	568.3	518.2	454.2	394.2	338.2	280.1	228.1	186.1	154.1
-55°	590.3	554.2	496.2	440.2	388.2	338.2	284.1	240.1	198.1	162.1	134.1
-57.5°	506.2	464.2	418.2	372.2	326.1	286.1	246.1	206.1	172.1	140.1	118.1
-60°	420.2	384.2	348.2	312.1	278.1	244.1	212.1	178.1	148.1	124.1	100.0
-62.5°	344.2	318.1	290.1	260.1	234.1	206.1	180.1	152.1	128.1	106.0	88.0
-65°	284.1	264.1	240.1	216.1	194.1	172.1	148.1	126.1	110.0	92.0	78.0
-67.5°	238.1	218.1	200.1	180.1	160.1	142.1	126.1	110.0	94.0	80.0	70.0
-70°	198.1	182.1	166.1	152.1	136.1	120.1	106.0	94.0	82.0	72.0	62.0
-72.5°	164.1	152.1	140.1	126.1	114.1	102.0	92.0	82.0	72.0	62.0	54.0
-75°	134.1	122.1	112.0	102.0	92.0	84.0	76.0	68.0	60.0	54.0	46.0
-77.5°	106.0	96.0	88.0	80.0	74.0	68.0	62.0	56.0	50.0	46.0	40.0
-80°	80.0	74.0	68.0	62.0	58.0	54.0	48.0	44.0	40.0	36.0	32.0
-82.5°	60.0	56.0	52.0	48.0	44.0	40.0	34.0	30.0	28.0	24.0	22.0
-85°	38.0	36.0	32.0	30.0	28.0	24.0	22.0	18.0	18.0	16.0	14.0
-87.5°	14.0	12.0	12.0	12.0	10.0	10.0	10.0	8.0	8.0	8.0	8.0
-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: P640020  
 CATALOG NUMBER: IFLD-M-SA4A-AMB-U-LAM-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°	4.0	4.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0
85°	6.0	6.0	6.0	6.0	6.0	4.0	2.0	2.0	2.0	0.0	0.0
82.5°	6.0	6.0	6.0	6.0	6.0	4.0	4.0	2.0	2.0	0.0	0.0
80°	6.0	6.0	6.0	6.0	6.0	4.0	4.0	2.0	2.0	2.0	0.0
77.5°	4.0	6.0	6.0	6.0	6.0	4.0	4.0	2.0	2.0	2.0	0.0
75°	4.0	4.0	6.0	6.0	6.0	4.0	4.0	2.0	2.0	2.0	0.0
72.5°	4.0	4.0	4.0	6.0	6.0	4.0	4.0	2.0	2.0	2.0	2.0
70°	2.0	4.0	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0	2.0
67.5°	2.0	2.0	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0	2.0
65°	2.0	2.0	2.0	2.0	4.0	4.0	4.0	2.0	2.0	2.0	2.0
62.5°	2.0	2.0	2.0	2.0	2.0	4.0	2.0	2.0	2.0	2.0	2.0
60°	2.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
57.5°	4.0	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0
55°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0	2.0
52.5°	6.0	4.0	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0	2.0
50°	8.0	6.0	6.0	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0
47.5°	12.0	8.0	6.0	6.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0
45°	22.0	10.0	10.0	6.0	6.0	4.0	4.0	4.0	2.0	2.0	2.0
42.5°	34.0	20.0	12.0	8.0	6.0	6.0	4.0	4.0	4.0	2.0	2.0
40°	48.0	30.0	18.0	12.0	8.0	6.0	4.0	4.0	4.0	2.0	2.0
37.5°	64.0	40.0	26.0	16.0	10.0	6.0	6.0	4.0	4.0	2.0	2.0
35°	88.0	56.0	34.0	22.0	12.0	8.0	6.0	4.0	4.0	2.0	2.0
32.5°	116.1	72.0	40.0	28.0	16.0	10.0	6.0	6.0	6.0	2.0	2.0
30°	142.1	90.0	54.0	34.0	22.0	12.0	6.0	6.0	6.0	4.0	2.0
27.5°	166.1	114.1	68.0	40.0	26.0	14.0	8.0	6.0	6.0	4.0	2.0
25°	190.1	134.1	84.0	48.0	30.0	16.0	10.0	6.0	6.0	4.0	2.0
22.5°	212.1	154.1	98.0	58.0	36.0	20.0	10.0	6.0	6.0	4.0	2.0
20°	238.1	174.1	116.1	70.0	42.0	24.0	12.0	6.0	6.0	6.0	2.0
17.5°	262.1	196.1	132.1	80.0	48.0	26.0	14.0	8.0	6.0	6.0	2.0
15°	284.1	218.1	146.1	90.0	54.0	30.0	16.0	8.0	6.0	6.0	2.0
12.5°	304.1	238.1	160.1	100.0	60.0	32.0	18.0	8.0	6.0	6.0	4.0
10°	324.1	258.1	172.1	108.0	66.0	36.0	20.0	10.0	6.0	6.0	4.0
7.5°	342.2	274.1	182.1	116.1	70.0	38.0	22.0	10.0	8.0	8.0	4.0
5°	356.2	284.1	190.1	126.1	76.0	40.0	26.0	10.0	8.0	8.0	4.0
2.5°	370.2	294.1	198.1	134.1	80.0	42.0	26.0	12.0	8.0	8.0	4.0
0°	380.2	298.1	202.1	140.1	84.0	44.0	28.0	12.0	8.0	8.0	4.0
-2.5°	396.2	306.1	212.1	144.1	88.0	48.0	28.0	14.0	8.0	8.0	4.0
-5°	406.2	308.1	220.1	144.1	90.0	54.0	30.0	16.0	8.0	8.0	4.0
-7.5°	412.2	308.1	226.1	146.1	94.0	56.0	30.0	18.0	8.0	8.0	4.0
-10°	412.2	312.1	228.1	146.1	94.0	58.0	30.0	18.0	8.0	8.0	4.0
-12.5°	408.2	312.1	228.1	148.1	96.0	58.0	30.0	20.0	10.0	8.0	4.0
-15°	402.2	312.1	224.1	148.1	96.0	58.0	30.0	20.0	10.0	8.0	4.0
-17.5°	396.2	306.1	220.1	146.1	94.0	58.0	32.0	20.0	10.0	8.0	4.0
-20°	386.2	300.1	214.1	140.1	92.0	56.0	34.0	20.0	10.0	6.0	4.0



REPORT NUMBER: P640020  
 CATALOG NUMBER: IFLD-M-SA4A-AMB-U-LAM-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	376.2	290.1	206.1	132.1	90.0	54.0	34.0	20.0	10.0	6.0	4.0
-25°	360.2	278.1	196.1	126.1	84.0	52.0	36.0	20.0	12.0	6.0	4.0
-27.5°	340.2	260.1	184.1	120.1	82.0	50.0	34.0	20.0	12.0	6.0	4.0
-30°	318.1	242.1	168.1	114.1	78.0	50.0	34.0	20.0	12.0	8.0	4.0
-32.5°	296.1	224.1	154.1	106.0	74.0	50.0	34.0	20.0	14.0	8.0	4.0
-35°	272.1	204.1	146.1	102.0	68.0	48.0	32.0	20.0	14.0	8.0	4.0
-37.5°	248.1	186.1	136.1	96.0	66.0	46.0	30.0	20.0	14.0	8.0	4.0
-40°	226.1	172.1	126.1	90.0	62.0	44.0	30.0	20.0	14.0	8.0	6.0
-42.5°	204.1	158.1	116.1	84.0	58.0	42.0	28.0	20.0	12.0	8.0	6.0
-45°	184.1	144.1	106.0	76.0	54.0	38.0	28.0	20.0	12.0	8.0	6.0
-47.5°	162.1	130.1	96.0	70.0	50.0	36.0	26.0	18.0	12.0	8.0	6.0
-50°	144.1	112.0	86.0	62.0	48.0	36.0	26.0	18.0	12.0	8.0	6.0
-52.5°	126.1	100.0	74.0	58.0	44.0	34.0	24.0	16.0	12.0	8.0	6.0
-55°	110.0	86.0	66.0	52.0	42.0	32.0	24.0	16.0	12.0	8.0	6.0
-57.5°	94.0	76.0	60.0	48.0	40.0	30.0	22.0	14.0	10.0	8.0	6.0
-60°	84.0	68.0	56.0	46.0	36.0	28.0	20.0	14.0	10.0	8.0	4.0
-62.5°	74.0	62.0	52.0	42.0	34.0	26.0	20.0	14.0	10.0	8.0	4.0
-65°	66.0	56.0	48.0	40.0	32.0	24.0	18.0	14.0	10.0	8.0	4.0
-67.5°	60.0	50.0	42.0	36.0	30.0	24.0	18.0	12.0	10.0	6.0	4.0
-70°	52.0	46.0	38.0	34.0	28.0	22.0	16.0	12.0	10.0	6.0	4.0
-72.5°	46.0	40.0	36.0	30.0	26.0	20.0	16.0	12.0	8.0	6.0	4.0
-75°	42.0	36.0	32.0	26.0	22.0	18.0	14.0	10.0	8.0	6.0	4.0
-77.5°	36.0	30.0	26.0	22.0	18.0	14.0	12.0	10.0	6.0	6.0	4.0
-80°	28.0	24.0	20.0	18.0	16.0	12.0	10.0	8.0	6.0	4.0	2.0
-82.5°	20.0	18.0	16.0	14.0	12.0	10.0	8.0	6.0	4.0	4.0	2.0
-85°	14.0	12.0	10.0	10.0	8.0	6.0	6.0	4.0	4.0	2.0	2.0
-87.5°	6.0	6.0	6.0	4.0	4.0	4.0	2.0	2.0	2.0	2.0	0.0
-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: P640020  
 CATALOG NUMBER: IFLD-M-SA4A-AMB-U-LAM-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°	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0
60°	2.0	0.0	0.0	0.0
57.5°	2.0	0.0	0.0	0.0
55°	2.0	0.0	0.0	0.0
52.5°	2.0	0.0	0.0	0.0
50°	2.0	0.0	0.0	0.0
47.5°	2.0	2.0	0.0	0.0
45°	2.0	2.0	0.0	0.0
42.5°	2.0	2.0	0.0	0.0
40°	2.0	2.0	2.0	0.0
37.5°	2.0	2.0	2.0	0.0
35°	2.0	2.0	2.0	0.0
32.5°	2.0	2.0	2.0	0.0
30°	2.0	2.0	2.0	0.0
27.5°	2.0	2.0	2.0	0.0
25°	2.0	2.0	2.0	0.0
22.5°	2.0	2.0	2.0	0.0
20°	2.0	2.0	2.0	0.0
17.5°	2.0	2.0	2.0	0.0
15°	4.0	2.0	2.0	0.0
12.5°	4.0	2.0	2.0	0.0
10°	4.0	2.0	2.0	0.0
7.5°	4.0	2.0	2.0	0.0
5°	4.0	2.0	2.0	0.0
2.5°	4.0	2.0	2.0	0.0
0°	4.0	2.0	2.0	0.0
-2.5°	4.0	2.0	2.0	0.0
-5°	4.0	2.0	2.0	0.0
-7.5°	4.0	2.0	2.0	0.0
-10°	4.0	2.0	2.0	0.0
-12.5°	4.0	2.0	2.0	0.0
-15°	4.0	2.0	2.0	0.0
-17.5°	4.0	2.0	2.0	0.0
-20°	4.0	2.0	2.0	0.0



REPORT NUMBER: P640020  
CATALOG NUMBER: IFLD-M-SA4A-AMB-U-LAM-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	4.0	2.0	2.0	0.0
-25°	4.0	2.0	2.0	0.0
-27.5°	4.0	2.0	2.0	0.0
-30°	4.0	2.0	2.0	0.0
-32.5°	4.0	2.0	2.0	0.0
-35°	2.0	2.0	2.0	0.0
-37.5°	2.0	2.0	2.0	0.0
-40°	2.0	2.0	2.0	0.0
-42.5°	2.0	2.0	2.0	0.0
-45°	2.0	2.0	2.0	0.0
-47.5°	2.0	2.0	2.0	0.0
-50°	2.0	2.0	2.0	0.0
-52.5°	2.0	2.0	2.0	0.0
-55°	2.0	2.0	2.0	0.0
-57.5°	2.0	2.0	2.0	0.0
-60°	2.0	2.0	0.0	0.0
-62.5°	2.0	2.0	0.0	0.0
-65°	2.0	2.0	0.0	0.0
-67.5°	2.0	2.0	0.0	0.0
-70°	2.0	2.0	0.0	0.0
-72.5°	2.0	2.0	0.0	0.0
-75°	2.0	2.0	0.0	0.0
-77.5°	2.0	0.0	0.0	0.0
-80°	2.0	0.0	0.0	0.0
-82.5°	2.0	0.0	0.0	0.0
-85°	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)