

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: P724143

Luminaire Tested: **IFLD-M-SA4C-740-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724143
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-740-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (64) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

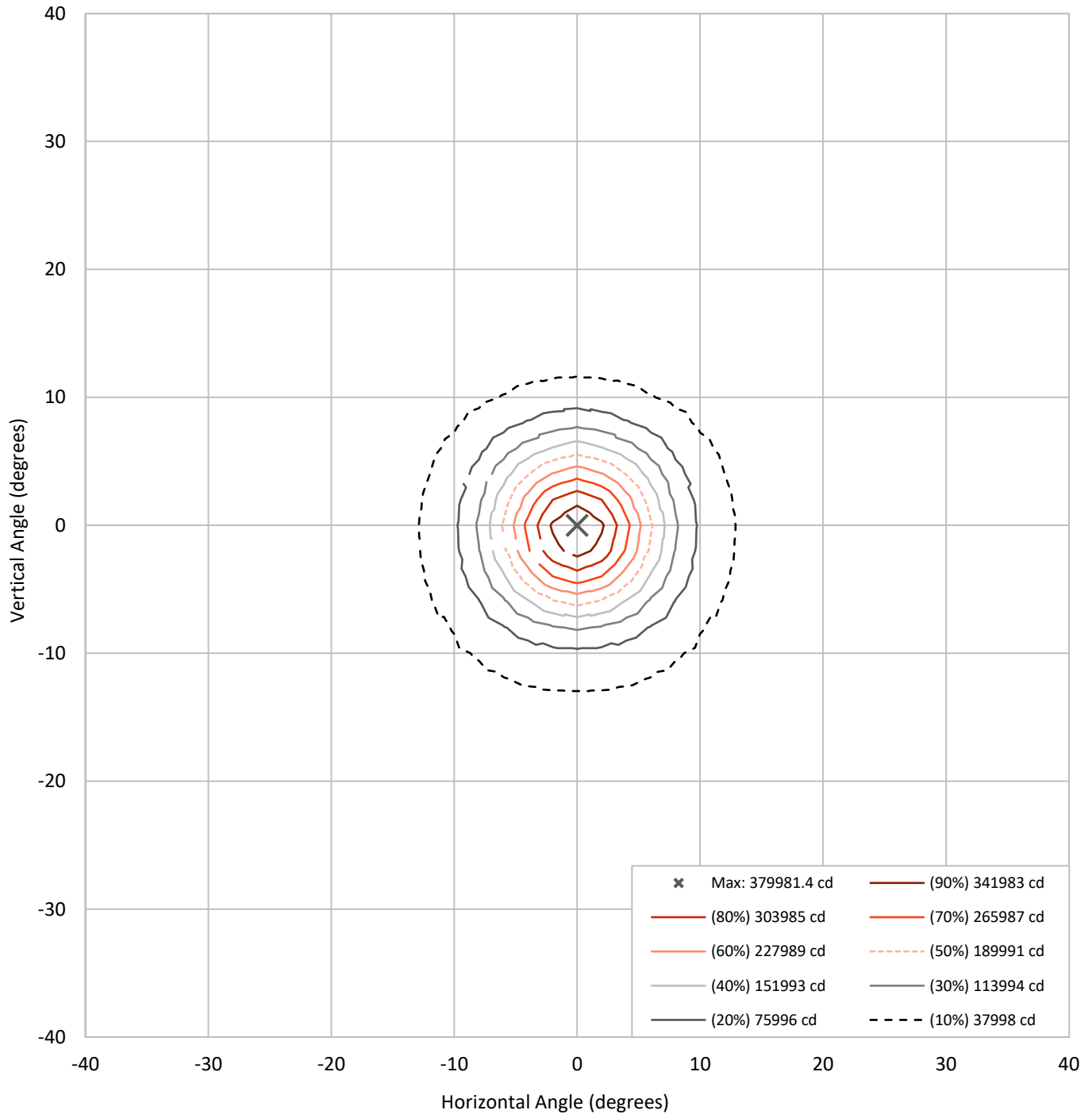
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	26541.9 lumens	Max Intensity:	379981.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	121.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	8303.5 lumens	Field Lumens:	18893.5 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 218.1
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





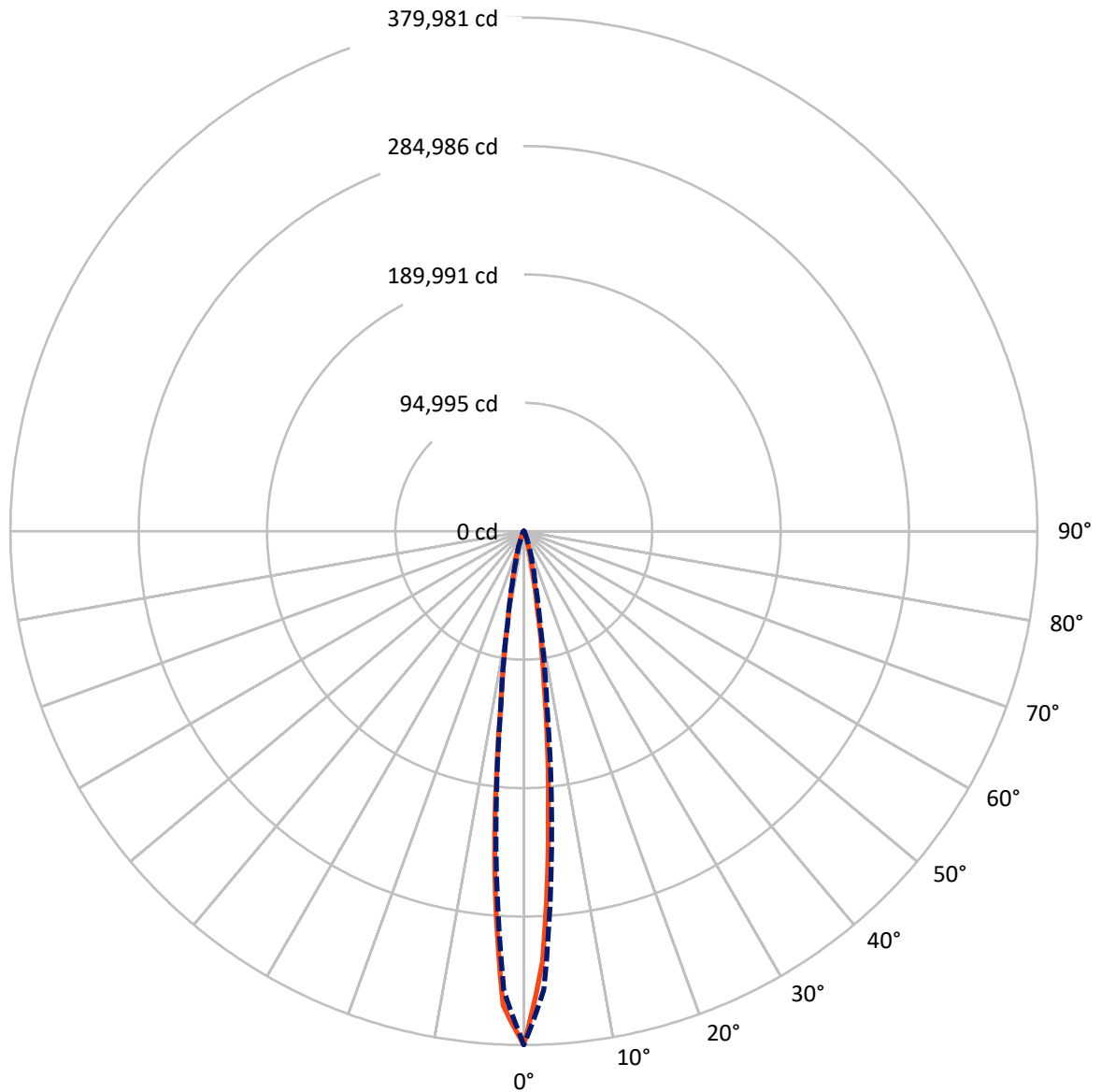
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Lumen Table

90	0.2	1.6	1.4	0.6	0.1	0.6	1.4	1.6	0.2						
80	0.2	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.2
70	0.2	0.2	0.3	0.7	1.4	2.1	2.6	2.9	2.9	2.6	2.1	1.4	0.7	0.3	0.2
60		0.2	0.8	2.2	3.8	5.3	7.1	8.3	8.3	7.1	5.3	3.8	2.2	0.8	0.2
50	0.2	0.4	1.8	4.0	6.8	10.7	16.1	19.3	19.3	16.1	10.7	6.8	4.0	1.8	0.4
40		0.8	2.8	5.8	10.7	18.4	35.4	57.1	57.1	35.4	18.4	10.7	5.8	2.8	0.8
30	0.3	1.2	3.8	8.0	16.2	40.0	209.1	529.0	529.0	209.1	40.0	16.2	8.0	3.8	1.2
20		1.5	4.5	9.4	19.7	81.3	673.5	4150.2	4150.2	673.5	81.3	19.7	9.4	4.5	1.5
10	0.4	1.7	4.9	9.9	20.6	92.7	741.1	4570.5	4570.5	741.1	92.7	20.6	9.9	4.9	1.7
0		1.8	5.2	9.9	19.3	55.5	332.6	801.6	801.6	332.6	55.5	19.3	9.9	5.2	1.8
-10	0.6	1.8	5.1	9.4	16.3	28.3	68.7	129.1	129.1	68.7	28.3	16.3	9.4	5.1	1.8
-20		1.6	4.7	8.7	13.6	20.1	28.4	33.3	33.3	28.4	20.1	13.6	8.7	4.7	1.6
-30	0.6	1.4	4.1	7.8	11.8	15.6	19.7	21.9	21.9	19.7	15.6	11.8	7.8	4.1	1.4
-40		1.2	3.3	6.6	10.3	13.6	16.7	18.3	18.3	16.7	13.6	10.3	6.6	3.3	1.2
-50	0.5	0.9	2.4	4.8	7.9	10.9	13.7	15.2	15.2	13.7	10.9	7.9	4.8	2.4	0.9
-60		0.3	3.6	9.9	18.3	22.1	18.3	9.9	3.6	0.3					
-70	0.3	3.6	9.9	18.3	22.1	18.3	9.9	3.6	0.3						
-80	0.3	3.6	9.9	18.3	22.1	18.3	9.9	3.6	0.3						
-90	0.3	3.6	9.9	18.3	22.1	18.3	9.9	3.6	0.3						

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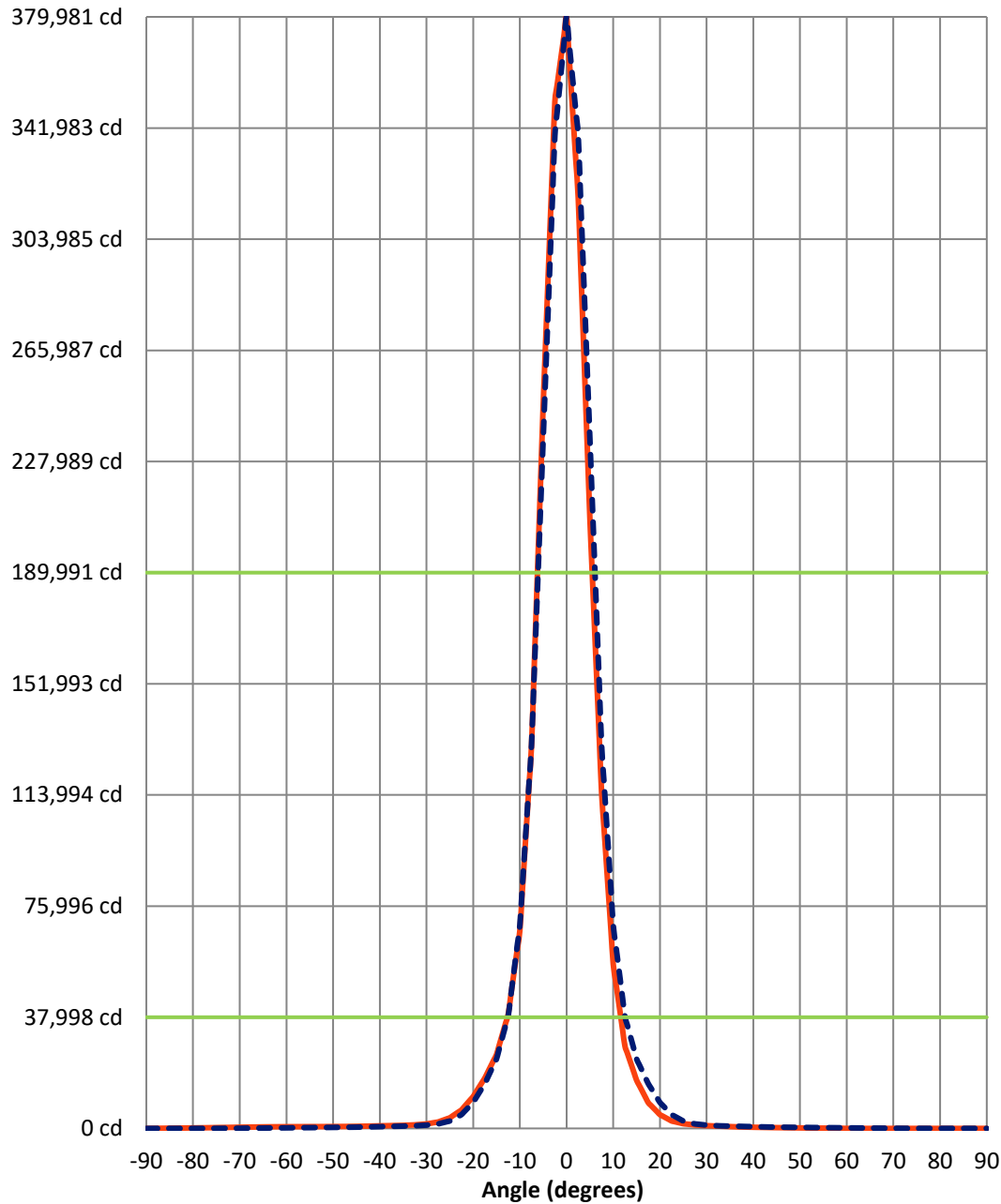
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 12.2°
 V Angle: 11.7°
 Lumens: 8303.5
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 18893.5
 Efficiency: 71.2%

Spill:
 Lumens: 7648.4
 Efficiency: 28.8%

- 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	4.8
85°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	9.5	9.5
82.5°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	9.5	9.5	9.5
80°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	9.5	9.5	9.5
77.5°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	4.8	9.5
75°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8
72.5°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8
70°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8
67.5°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8
65°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8
62.5°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8
60°	9.5	9.5	9.5	9.5	14.3	14.3	19.0	19.0	19.0	9.5	19.0
57.5°	76.1	76.1	71.3	66.6	61.8	57.1	57.1	57.1	57.1	57.1	47.6
55°	104.6	104.6	104.6	99.9	99.9	95.1	90.3	85.6	85.6	80.8	76.1
52.5°	123.6	123.6	123.6	123.6	118.9	118.9	118.9	114.1	104.6	104.6	99.9
50°	175.9	171.2	171.2	171.2	171.2	161.7	156.9	147.4	142.7	137.9	133.1
47.5°	228.2	228.2	223.5	223.5	218.7	209.2	199.7	190.2	180.7	175.9	166.4
45°	271.0	271.0	266.3	266.3	261.5	252.0	237.8	223.5	214.0	204.5	195.0
42.5°	332.9	328.1	323.3	318.6	309.1	294.8	275.8	256.8	242.5	228.2	218.7
40°	399.4	399.4	394.7	389.9	375.6	361.4	337.6	313.8	290.1	261.5	247.3
37.5°	480.3	485.0	489.8	489.8	480.3	461.2	428.0	399.4	361.4	323.3	304.3
35°	627.7	627.7	637.2	637.2	622.9	599.1	575.4	513.5	466.0	418.4	375.6
32.5°	789.3	794.1	775.1	760.8	741.8	713.3	670.5	618.2	565.9	504.0	456.5
30°	946.3	946.3	922.5	894.0	855.9	808.4	756.1	699.0	637.2	575.4	518.3
27.5°	1193.5	1169.7	1150.7	1103.2	1036.6	946.3	879.7	789.3	708.5	637.2	575.4
25°	1602.5	1597.7	1554.9	1474.1	1340.9	1198.3	1088.9	936.7	813.1	703.7	632.4
22.5°	2548.7	2515.4	2415.6	2215.9	1902.0	1654.8	1431.3	1193.5	970.0	822.6	708.5
20°	4712.3	4602.9	4336.6	3785.0	3081.3	2596.3	2039.9	1640.5	1264.8	989.1	817.9
17.5°	8792.1	8720.8	8620.9	7346.6	5915.3	4888.2	3637.6	2515.4	1797.4	1293.4	970.0
15°	16481.0	15953.2	14850.0	13323.7	11321.8	8749.3	6433.6	4060.8	2567.7	1721.3	1231.6
12.5°	28173.7	27588.8	24740.6	20922.3	17322.7	13661.3	9591.0	6172.1	3656.6	2187.3	1459.8
10°	56138.2	51891.9	43917.7	32776.6	25582.2	19077.3	13466.3	8421.2	4759.8	2762.7	1730.8
7.5°	114982.1	101106.8	77911.6	55001.8	35601.1	25021.1	17199.0	11012.7	6343.2	3456.9	1978.1
5°	208399.9	183783.0	138457.8	83370.4	51697.0	31359.6	20408.7	13095.4	7508.2	4022.8	2225.4
2.5°	318213.2	286368.6	200173.7	114639.7	63746.3	36266.8	22653.1	14464.9	8250.0	4407.9	2415.6
0°	379981.4	339420.8	235736.8	131249.1	69485.7	38349.5	23751.5	15287.5	8877.7	4721.8	2539.2
-2.5°	351008.9	318355.9	216645.2	121919.7	66399.6	37436.6	23908.4	15492.0	8982.3	4807.4	2596.3
-5°	247391.4	220591.9	149903.2	89970.5	56337.9	34483.7	22558.0	14721.7	8692.2	4683.7	2572.5
-7.5°	130883.0	118757.6	88900.6	64649.8	41121.7	29186.5	20308.9	13357.0	7940.9	4350.9	2429.8
-10°	67621.7	65134.8	56128.7	42310.5	33275.9	24450.5	17332.2	11421.6	6638.1	3747.0	2187.3
-12.5°	38986.7	38563.5	35667.7	30617.8	25515.6	20085.4	14222.4	9315.2	5539.6	3105.1	1845.0
-15°	25244.6	25425.3	24417.2	22315.5	19410.1	15030.7	10927.1	6928.1	4098.9	2515.4	1626.2
-17.5°	17227.6	17180.0	16709.3	15268.5	12929.0	10152.0	7242.0	4893.0	3105.1	1959.1	1350.4
-20°	10898.6	10917.6	10480.1	9486.3	7765.0	6257.7	4507.8	3300.0	2201.6	1540.6	1193.5



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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°	6324.2	6338.5	6062.7	5501.6	4598.1	3708.9	2929.1	2182.6	1621.5	1283.9	1046.1
-25°	3632.9	3575.8	3466.4	3195.4	2772.2	2287.2	1944.8	1535.9	1298.1	1088.9	955.8
-27.5°	2201.6	2163.6	2106.5	1987.6	1821.2	1578.7	1421.8	1241.1	1103.2	979.5	898.7
-30°	1535.9	1550.1	1502.6	1440.8	1364.7	1255.3	1169.7	1084.2	993.8	917.7	841.6
-32.5°	1222.0	1231.6	1207.8	1184.0	1146.0	1103.2	1050.9	989.1	917.7	846.4	775.1
-35°	1050.9	1055.6	1055.6	1050.9	1041.4	1008.1	970.0	913.0	846.4	779.8	718.0
-37.5°	965.3	970.0	970.0	965.3	951.0	922.5	884.4	836.9	775.1	713.3	665.7
-40°	874.9	879.7	874.9	865.4	851.2	822.6	794.1	756.1	708.5	656.2	613.4
-42.5°	789.3	784.6	779.8	770.3	756.1	737.0	713.3	684.7	651.4	613.4	580.1
-45°	708.5	708.5	703.7	699.0	689.5	675.2	661.0	637.2	613.4	584.9	556.3
-47.5°	665.7	665.7	661.0	656.2	651.4	641.9	627.7	608.6	589.6	565.9	542.1
-50°	637.2	637.2	637.2	632.4	627.7	618.2	603.9	589.6	570.6	546.8	523.1
-52.5°	618.2	618.2	618.2	613.4	608.6	603.9	589.6	570.6	546.8	527.8	508.8
-55°	608.6	603.9	603.9	599.1	594.4	589.6	570.6	551.6	532.6	513.5	494.5
-57.5°	594.4	589.6	589.6	584.9	580.1	575.4	556.3	537.3	518.3	494.5	480.3
-60°	580.1	575.4	575.4	565.9	561.1	556.3	537.3	518.3	499.3	480.3	461.2
-62.5°	561.1	556.3	551.6	546.8	537.3	527.8	513.5	494.5	470.8	451.7	432.7
-65°	518.3	513.5	508.8	504.0	499.3	494.5	480.3	456.5	437.5	418.4	399.4
-67.5°	466.0	466.0	466.0	456.5	451.7	442.2	432.7	413.7	394.7	375.6	361.4
-70°	404.2	404.2	404.2	394.7	389.9	385.2	370.9	356.6	342.4	328.1	309.1
-72.5°	342.4	337.6	337.6	332.9	323.3	318.6	309.1	299.6	285.3	275.8	261.5
-75°	280.5	275.8	275.8	271.0	266.3	261.5	252.0	247.3	237.8	228.2	214.0
-77.5°	223.5	223.5	223.5	218.7	214.0	209.2	204.5	199.7	195.0	185.4	175.9
-80°	171.2	171.2	171.2	171.2	171.2	171.2	171.2	166.4	156.9	152.2	147.4
-82.5°	123.6	128.4	128.4	128.4	128.4	128.4	128.4	128.4	123.6	118.9	114.1
-85°	80.8	85.6	85.6	90.3	95.1	95.1	99.9	95.1	90.3	80.8	76.1
-87.5°	42.8	42.8	42.8	42.8	42.8	42.8	42.8	38.0	38.0	38.0	33.3
-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°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	9.5	9.5	9.5
85°	9.5	9.5	9.5	9.5	14.3	14.3	14.3	19.0	19.0	19.0	19.0
82.5°	9.5	14.3	14.3	14.3	19.0	19.0	23.8	28.5	38.0	42.8	42.8
80°	9.5	14.3	14.3	14.3	19.0	19.0	23.8	23.8	28.5	33.3	42.8
77.5°	9.5	9.5	14.3	14.3	14.3	19.0	19.0	23.8	23.8	28.5	33.3
75°	4.8	9.5	9.5	9.5	14.3	14.3	19.0	19.0	23.8	23.8	28.5
72.5°	4.8	9.5	9.5	9.5	14.3	14.3	19.0	19.0	19.0	23.8	23.8
70°	4.8	9.5	9.5	9.5	9.5	14.3	14.3	14.3	19.0	19.0	19.0
67.5°	4.8	4.8	4.8	9.5	9.5	9.5	9.5	14.3	14.3	14.3	19.0
65°	4.8	4.8	4.8	4.8	9.5	9.5	9.5	9.5	14.3	14.3	14.3
62.5°	4.8	4.8	4.8	9.5	9.5	9.5	9.5	9.5	14.3	14.3	14.3
60°	19.0	19.0	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
57.5°	42.8	42.8	38.0	33.3	28.5	28.5	23.8	19.0	19.0	14.3	14.3
55°	71.3	66.6	61.8	52.3	47.6	42.8	38.0	28.5	23.8	19.0	14.3
52.5°	90.3	85.6	80.8	76.1	66.6	57.1	52.3	47.6	38.0	28.5	23.8
50°	133.1	118.9	109.4	99.9	90.3	80.8	71.3	66.6	52.3	42.8	33.3
47.5°	161.7	152.2	137.9	128.4	118.9	104.6	90.3	80.8	71.3	57.1	42.8
45°	185.4	175.9	161.7	152.2	142.7	128.4	114.1	99.9	90.3	76.1	57.1
42.5°	209.2	199.7	185.4	175.9	161.7	147.4	133.1	118.9	104.6	95.1	76.1
40°	242.5	228.2	209.2	199.7	190.2	171.2	152.2	137.9	123.6	109.4	90.3
37.5°	285.3	271.0	247.3	228.2	214.0	199.7	180.7	161.7	147.4	128.4	109.4
35°	351.9	328.1	294.8	266.3	247.3	228.2	204.5	185.4	166.4	147.4	128.4
32.5°	418.4	380.4	337.6	304.3	275.8	252.0	228.2	209.2	185.4	161.7	142.7
30°	470.8	428.0	385.2	337.6	304.3	275.8	252.0	228.2	204.5	180.7	156.9
27.5°	523.1	475.5	428.0	380.4	332.9	294.8	271.0	247.3	223.5	199.7	171.2
25°	575.4	523.1	475.5	423.2	366.1	323.3	290.1	271.0	247.3	218.7	185.4
22.5°	622.9	575.4	527.8	470.8	404.2	347.1	313.8	290.1	266.3	233.0	204.5
20°	713.3	651.4	594.4	523.1	447.0	389.9	347.1	313.8	285.3	252.0	218.7
17.5°	832.1	741.8	665.7	584.9	508.8	437.5	375.6	337.6	309.1	271.0	233.0
15°	984.3	827.4	732.3	651.4	561.1	480.3	413.7	361.4	323.3	285.3	252.0
12.5°	1098.4	894.0	789.3	713.3	618.2	527.8	442.2	380.4	337.6	299.6	261.5
10°	1226.8	965.3	836.9	751.3	651.4	551.6	461.2	394.7	347.1	313.8	275.8
7.5°	1331.4	1022.3	860.7	765.6	670.5	570.6	480.3	408.9	361.4	323.3	285.3
5°	1426.5	1069.9	879.7	770.3	680.0	584.9	489.8	418.4	370.9	332.9	294.8
2.5°	1493.1	1112.7	898.7	779.8	689.5	594.4	504.0	428.0	380.4	342.4	304.3
0°	1550.1	1126.9	894.0	779.8	694.2	594.4	508.8	432.7	385.2	347.1	309.1
-2.5°	1569.2	1150.7	917.7	789.3	703.7	603.9	518.3	437.5	389.9	351.9	318.6
-5°	1569.2	1131.7	917.7	798.8	708.5	608.6	518.3	442.2	394.7	356.6	318.6
-7.5°	1512.1	1103.2	913.0	808.4	713.3	613.4	518.3	447.0	399.4	361.4	323.3
-10°	1412.3	1060.4	908.2	813.1	713.3	608.6	518.3	447.0	399.4	361.4	328.1
-12.5°	1250.6	1003.3	884.4	803.6	703.7	599.1	513.5	447.0	399.4	366.1	328.1
-15°	1169.7	955.8	855.9	775.1	680.0	584.9	504.0	442.2	399.4	366.1	332.9
-17.5°	1060.4	917.7	827.4	746.5	661.0	570.6	494.5	442.2	399.4	361.4	332.9
-20°	984.3	874.9	794.1	722.8	637.2	556.3	489.8	437.5	399.4	361.4	332.9



REPORT NUMBER: P724143
 CATALOG NUMBER: IFLD-M-SA4C-740-U-22-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	917.7	827.4	756.1	684.7	608.6	537.3	480.3	432.7	394.7	361.4	332.9
-25°	865.4	784.6	718.0	651.4	584.9	523.1	470.8	428.0	389.9	361.4	328.1
-27.5°	817.9	741.8	680.0	618.2	556.3	508.8	461.2	423.2	389.9	356.6	323.3
-30°	765.6	703.7	641.9	584.9	542.1	494.5	451.7	413.7	385.2	351.9	318.6
-32.5°	713.3	656.2	603.9	561.1	523.1	485.0	447.0	408.9	375.6	342.4	309.1
-35°	665.7	613.4	575.4	537.3	508.8	475.5	437.5	399.4	370.9	337.6	309.1
-37.5°	618.2	580.1	546.8	518.3	489.8	461.2	423.2	389.9	361.4	328.1	294.8
-40°	580.1	551.6	527.8	504.0	475.5	442.2	413.7	380.4	351.9	318.6	280.5
-42.5°	556.3	532.6	508.8	485.0	461.2	432.7	404.2	370.9	342.4	309.1	271.0
-45°	532.6	513.5	494.5	475.5	451.7	423.2	389.9	356.6	328.1	294.8	266.3
-47.5°	518.3	499.3	480.3	466.0	447.0	408.9	380.4	347.1	313.8	285.3	252.0
-50°	504.0	485.0	470.8	451.7	428.0	394.7	366.1	332.9	304.3	271.0	242.5
-52.5°	489.8	470.8	451.7	432.7	408.9	380.4	351.9	323.3	290.1	256.8	228.2
-55°	475.5	456.5	437.5	418.4	394.7	370.9	342.4	304.3	271.0	237.8	209.2
-57.5°	461.2	447.0	423.2	399.4	375.6	351.9	318.6	285.3	252.0	218.7	195.0
-60°	442.2	423.2	404.2	375.6	351.9	323.3	294.8	266.3	233.0	204.5	180.7
-62.5°	413.7	394.7	375.6	347.1	323.3	299.6	275.8	242.5	218.7	190.2	166.4
-65°	380.4	361.4	342.4	318.6	294.8	271.0	252.0	223.5	199.7	175.9	156.9
-67.5°	342.4	323.3	309.1	285.3	266.3	242.5	223.5	199.7	175.9	156.9	137.9
-70°	294.8	280.5	266.3	247.3	228.2	209.2	190.2	171.2	152.2	137.9	118.9
-72.5°	252.0	237.8	223.5	209.2	195.0	175.9	161.7	147.4	133.1	118.9	109.4
-75°	204.5	195.0	185.4	175.9	161.7	147.4	137.9	123.6	114.1	104.6	99.9
-77.5°	171.2	161.7	152.2	142.7	133.1	123.6	114.1	104.6	99.9	95.1	90.3
-80°	137.9	133.1	128.4	118.9	114.1	104.6	99.9	90.3	90.3	90.3	90.3
-82.5°	109.4	104.6	99.9	95.1	90.3	85.6	85.6	80.8	85.6	85.6	80.8
-85°	76.1	71.3	66.6	66.6	61.8	61.8	57.1	57.1	57.1	52.3	52.3
-87.5°	33.3	33.3	33.3	33.3	28.5	28.5	28.5	28.5	28.5	23.8	23.8
-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: P724143
 CATALOG NUMBER: IFLD-M-SA4C-740-U-22-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°	9.5	9.5	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0	0.0
85°	19.0	19.0	14.3	14.3	14.3	9.5	9.5	4.8	4.8	4.8	4.8
82.5°	42.8	38.0	33.3	28.5	23.8	19.0	14.3	9.5	9.5	4.8	4.8
80°	52.3	52.3	52.3	47.6	38.0	28.5	19.0	14.3	9.5	4.8	4.8
77.5°	38.0	38.0	42.8	47.6	47.6	38.0	23.8	14.3	9.5	9.5	4.8
75°	28.5	28.5	28.5	33.3	38.0	38.0	28.5	19.0	9.5	9.5	4.8
72.5°	28.5	28.5	28.5	28.5	28.5	28.5	28.5	19.0	14.3	9.5	9.5
70°	23.8	23.8	23.8	23.8	23.8	23.8	23.8	19.0	14.3	9.5	9.5
67.5°	19.0	19.0	23.8	23.8	23.8	19.0	19.0	19.0	14.3	9.5	9.5
65°	14.3	19.0	19.0	23.8	19.0	19.0	19.0	14.3	14.3	9.5	9.5
62.5°	14.3	14.3	19.0	19.0	19.0	19.0	14.3	14.3	14.3	9.5	9.5
60°	14.3	14.3	14.3	19.0	14.3	14.3	14.3	14.3	14.3	9.5	9.5
57.5°	14.3	14.3	14.3	14.3	14.3	14.3	14.3	9.5	9.5	9.5	9.5
55°	14.3	14.3	14.3	14.3	14.3	14.3	9.5	9.5	9.5	9.5	9.5
52.5°	19.0	14.3	14.3	14.3	14.3	14.3	9.5	9.5	9.5	9.5	9.5
50°	23.8	14.3	14.3	14.3	14.3	9.5	9.5	9.5	9.5	9.5	9.5
47.5°	33.3	23.8	19.0	14.3	14.3	9.5	9.5	9.5	9.5	9.5	4.8
45°	47.6	33.3	23.8	19.0	14.3	9.5	9.5	9.5	9.5	9.5	4.8
42.5°	57.1	42.8	28.5	23.8	19.0	14.3	9.5	9.5	9.5	4.8	4.8
40°	71.3	57.1	38.0	28.5	19.0	14.3	9.5	9.5	9.5	4.8	4.8
37.5°	90.3	71.3	47.6	33.3	23.8	14.3	14.3	9.5	9.5	4.8	4.8
35°	104.6	80.8	61.8	38.0	28.5	19.0	14.3	9.5	9.5	4.8	4.8
32.5°	118.9	95.1	76.1	47.6	33.3	23.8	19.0	9.5	9.5	4.8	4.8
30°	133.1	109.4	85.6	61.8	42.8	28.5	19.0	9.5	9.5	4.8	4.8
27.5°	147.4	118.9	95.1	71.3	47.6	33.3	23.8	14.3	9.5	4.8	4.8
25°	161.7	133.1	104.6	80.8	52.3	38.0	23.8	14.3	9.5	9.5	4.8
22.5°	171.2	147.4	118.9	90.3	61.8	42.8	28.5	19.0	9.5	9.5	4.8
20°	185.4	161.7	128.4	99.9	71.3	47.6	28.5	19.0	9.5	9.5	4.8
17.5°	199.7	171.2	137.9	109.4	80.8	52.3	33.3	23.8	9.5	9.5	4.8
15°	214.0	180.7	147.4	114.1	85.6	57.1	33.3	23.8	9.5	9.5	4.8
12.5°	228.2	195.0	156.9	123.6	90.3	61.8	38.0	28.5	14.3	9.5	4.8
10°	237.8	204.5	166.4	128.4	95.1	71.3	42.8	28.5	14.3	9.5	4.8
7.5°	252.0	214.0	175.9	137.9	99.9	76.1	47.6	28.5	14.3	9.5	4.8
5°	256.8	223.5	180.7	147.4	104.6	80.8	52.3	33.3	14.3	9.5	4.8
2.5°	261.5	233.0	185.4	152.2	109.4	80.8	52.3	33.3	19.0	9.5	4.8
0°	266.3	237.8	190.2	156.9	114.1	85.6	57.1	33.3	19.0	9.5	4.8
-2.5°	271.0	242.5	199.7	161.7	118.9	90.3	61.8	33.3	19.0	9.5	4.8
-5°	275.8	242.5	209.2	166.4	123.6	90.3	61.8	38.0	23.8	9.5	4.8
-7.5°	280.5	247.3	214.0	171.2	128.4	90.3	66.6	38.0	23.8	14.3	4.8
-10°	285.3	252.0	218.7	175.9	128.4	95.1	66.6	38.0	23.8	14.3	4.8
-12.5°	290.1	256.8	218.7	175.9	133.1	95.1	66.6	42.8	23.8	14.3	4.8
-15°	294.8	256.8	218.7	175.9	133.1	99.9	71.3	42.8	23.8	14.3	9.5
-17.5°	294.8	256.8	218.7	180.7	133.1	99.9	71.3	42.8	23.8	14.3	9.5
-20°	294.8	256.8	218.7	180.7	133.1	99.9	71.3	42.8	23.8	14.3	9.5



REPORT NUMBER: P724143
 CATALOG NUMBER: IFLD-M-SA4C-740-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	290.1	252.0	218.7	175.9	133.1	99.9	71.3	42.8	28.5	14.3	9.5
-25°	290.1	252.0	218.7	175.9	133.1	99.9	66.6	42.8	28.5	14.3	9.5
-27.5°	285.3	252.0	214.0	171.2	128.4	95.1	66.6	42.8	28.5	14.3	9.5
-30°	280.5	247.3	209.2	166.4	128.4	95.1	66.6	42.8	28.5	14.3	9.5
-32.5°	275.8	237.8	204.5	161.7	123.6	90.3	66.6	42.8	28.5	14.3	9.5
-35°	266.3	233.0	195.0	156.9	118.9	90.3	61.8	42.8	28.5	19.0	9.5
-37.5°	256.8	223.5	190.2	152.2	114.1	85.6	61.8	42.8	28.5	19.0	9.5
-40°	247.3	218.7	180.7	142.7	109.4	80.8	61.8	42.8	28.5	19.0	14.3
-42.5°	237.8	209.2	175.9	137.9	109.4	80.8	57.1	42.8	28.5	19.0	14.3
-45°	233.0	204.5	166.4	133.1	104.6	80.8	57.1	38.0	28.5	19.0	14.3
-47.5°	223.5	190.2	156.9	128.4	99.9	76.1	52.3	38.0	28.5	19.0	14.3
-50°	209.2	180.7	152.2	123.6	95.1	71.3	52.3	38.0	28.5	19.0	14.3
-52.5°	195.0	166.4	142.7	114.1	90.3	71.3	52.3	38.0	28.5	19.0	14.3
-55°	180.7	156.9	133.1	109.4	85.6	66.6	47.6	38.0	28.5	19.0	14.3
-57.5°	171.2	147.4	123.6	99.9	80.8	61.8	47.6	33.3	23.8	19.0	14.3
-60°	161.7	137.9	114.1	95.1	76.1	61.8	47.6	33.3	23.8	19.0	9.5
-62.5°	147.4	128.4	104.6	90.3	71.3	57.1	42.8	33.3	23.8	19.0	9.5
-65°	133.1	114.1	95.1	80.8	66.6	52.3	42.8	33.3	23.8	19.0	9.5
-67.5°	118.9	104.6	90.3	76.1	61.8	52.3	42.8	33.3	23.8	14.3	9.5
-70°	109.4	95.1	80.8	71.3	61.8	47.6	42.8	33.3	23.8	14.3	9.5
-72.5°	95.1	85.6	76.1	66.6	57.1	52.3	42.8	33.3	19.0	14.3	9.5
-75°	90.3	80.8	71.3	66.6	61.8	52.3	42.8	28.5	19.0	14.3	9.5
-77.5°	90.3	80.8	76.1	71.3	61.8	52.3	38.0	23.8	14.3	14.3	9.5
-80°	90.3	85.6	80.8	66.6	57.1	42.8	28.5	23.8	14.3	9.5	4.8
-82.5°	80.8	66.6	57.1	47.6	42.8	33.3	23.8	19.0	9.5	9.5	4.8
-85°	52.3	42.8	38.0	33.3	28.5	23.8	14.3	9.5	9.5	4.8	4.8
-87.5°	23.8	23.8	19.0	14.3	14.3	9.5	9.5	4.8	4.8	4.8	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: P724143
 CATALOG NUMBER: IFLD-M-SA4C-740-U-22-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°	4.8	0.0	0.0	0.0
77.5°	4.8	0.0	0.0	0.0
75°	4.8	4.8	0.0	0.0
72.5°	4.8	4.8	0.0	0.0
70°	4.8	4.8	0.0	0.0
67.5°	4.8	4.8	0.0	0.0
65°	4.8	4.8	0.0	0.0
62.5°	4.8	4.8	0.0	0.0
60°	4.8	4.8	0.0	0.0
57.5°	4.8	4.8	4.8	0.0
55°	4.8	4.8	4.8	0.0
52.5°	4.8	4.8	4.8	0.0
50°	4.8	4.8	4.8	0.0
47.5°	4.8	4.8	4.8	0.0
45°	4.8	4.8	4.8	0.0
42.5°	4.8	4.8	4.8	0.0
40°	4.8	4.8	4.8	0.0
37.5°	4.8	4.8	4.8	0.0
35°	4.8	4.8	4.8	0.0
32.5°	4.8	4.8	4.8	0.0
30°	4.8	4.8	4.8	0.0
27.5°	4.8	4.8	4.8	0.0
25°	4.8	4.8	4.8	0.0
22.5°	4.8	4.8	4.8	0.0
20°	4.8	4.8	4.8	0.0
17.5°	4.8	4.8	4.8	0.0
15°	4.8	4.8	4.8	0.0
12.5°	4.8	4.8	4.8	0.0
10°	4.8	4.8	4.8	0.0
7.5°	4.8	4.8	4.8	0.0
5°	4.8	4.8	4.8	0.0
2.5°	4.8	4.8	4.8	0.0
0°	4.8	4.8	4.8	0.0
-2.5°	4.8	4.8	4.8	0.0
-5°	4.8	4.8	4.8	0.0
-7.5°	4.8	4.8	4.8	0.0
-10°	4.8	4.8	4.8	0.0
-12.5°	4.8	4.8	4.8	0.0
-15°	4.8	4.8	4.8	0.0
-17.5°	4.8	4.8	4.8	0.0
-20°	4.8	4.8	4.8	0.0



REPORT NUMBER: P724143
CATALOG NUMBER: IFLD-M-SA4C-740-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	4.8	4.8	4.8	0.0
-25°	4.8	4.8	4.8	0.0
-27.5°	4.8	4.8	4.8	0.0
-30°	4.8	4.8	4.8	0.0
-32.5°	4.8	4.8	4.8	0.0
-35°	4.8	4.8	4.8	0.0
-37.5°	4.8	4.8	4.8	0.0
-40°	4.8	4.8	4.8	0.0
-42.5°	4.8	4.8	4.8	0.0
-45°	4.8	4.8	4.8	0.0
-47.5°	4.8	4.8	4.8	0.0
-50°	4.8	4.8	4.8	0.0
-52.5°	4.8	4.8	4.8	0.0
-55°	4.8	4.8	4.8	0.0
-57.5°	4.8	4.8	4.8	0.0
-60°	4.8	4.8	0.0	0.0
-62.5°	4.8	4.8	0.0	0.0
-65°	4.8	4.8	0.0	0.0
-67.5°	4.8	4.8	0.0	0.0
-70°	4.8	4.8	0.0	0.0
-72.5°	4.8	4.8	0.0	0.0
-75°	4.8	4.8	0.0	0.0
-77.5°	4.8	0.0	0.0	0.0
-80°	4.8	0.0	0.0	0.0
-82.5°	4.8	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)