

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: P724135

Luminaire Tested: **IFLD-S-SA3E-740-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724135
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-740-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (48) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

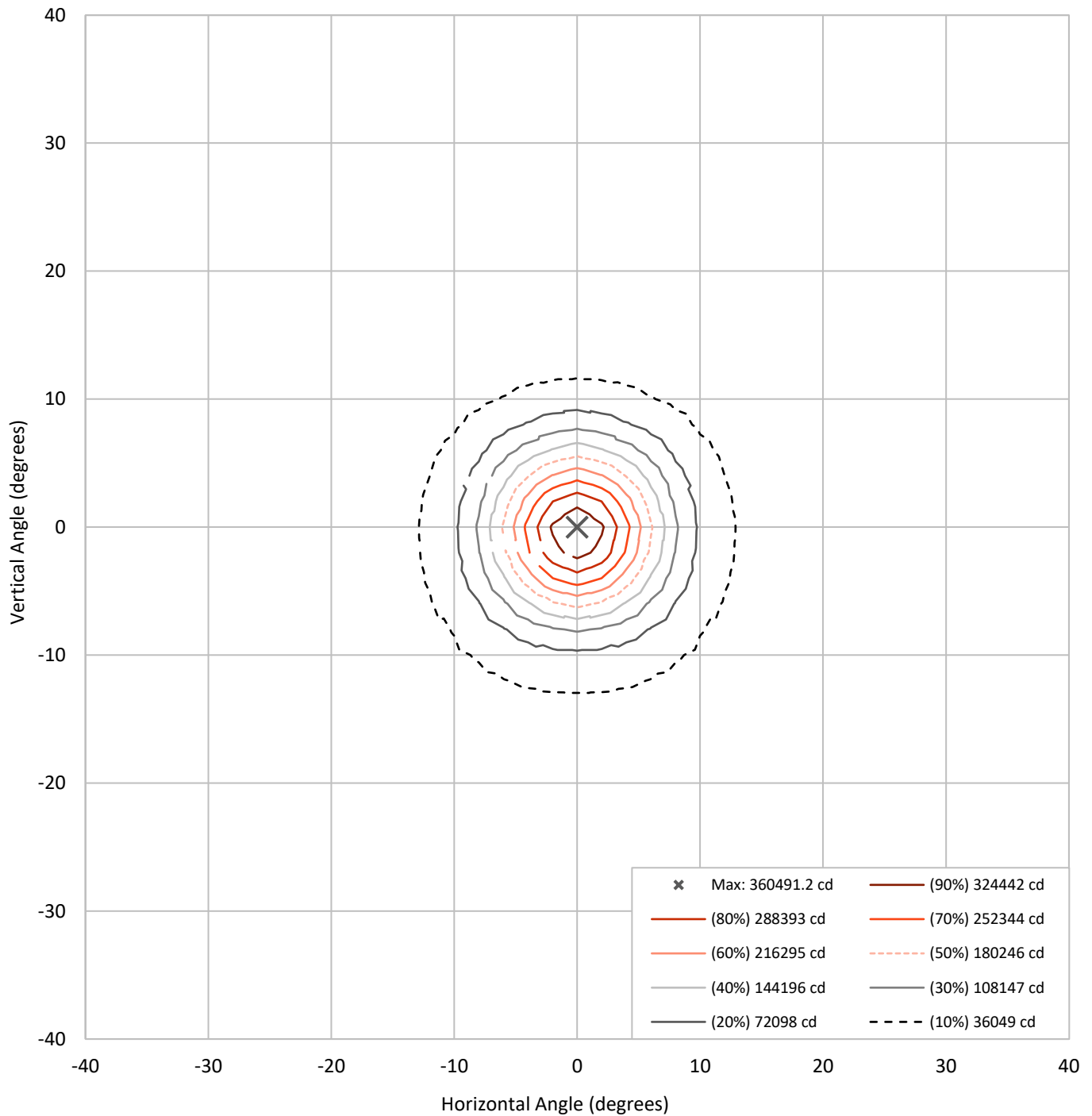
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	25180.4 lumens	Max Intensity:	360491.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	7877.6 lumens	Field Lumens:	17924.4 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 232.1
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





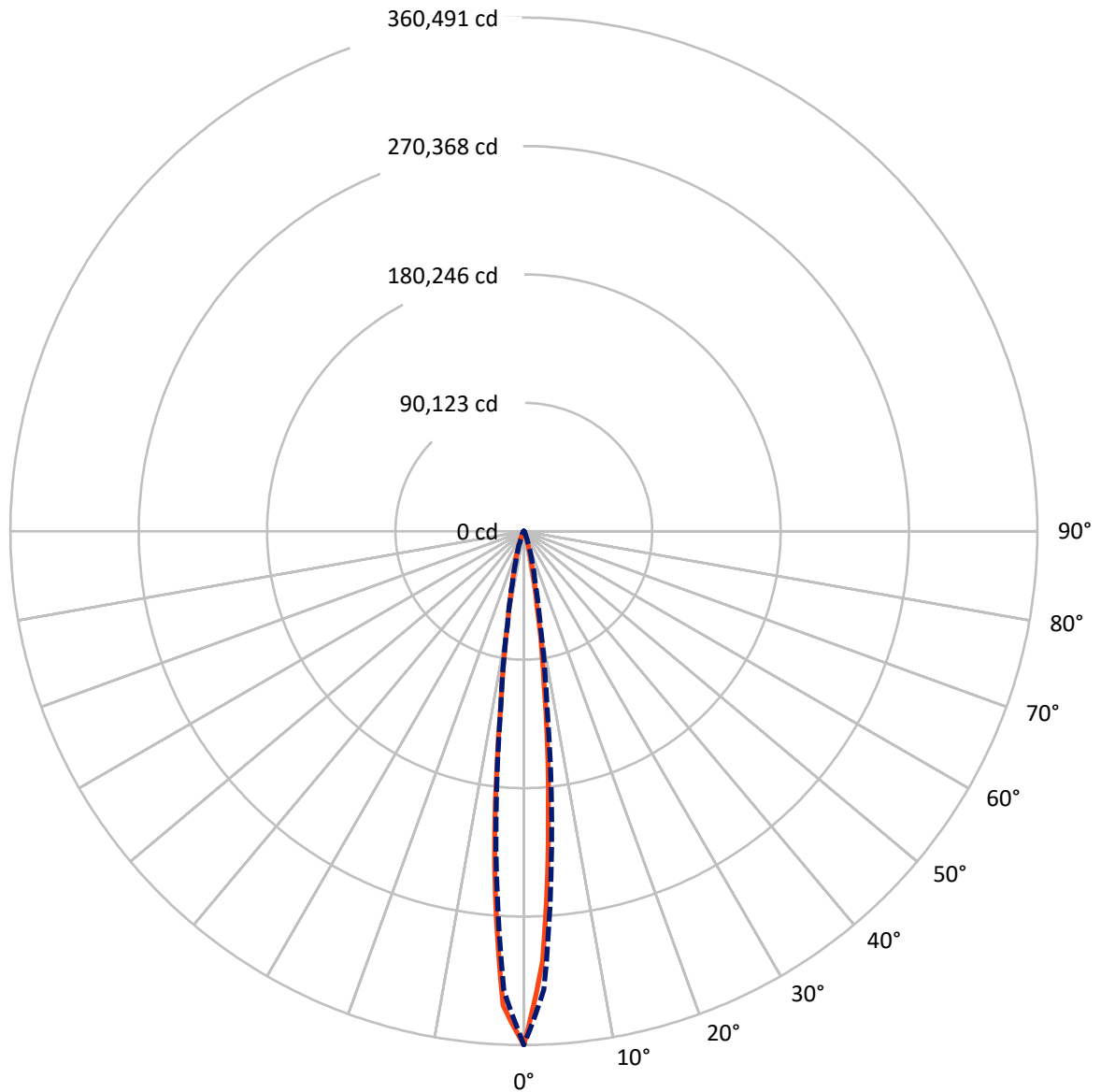
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Lumen Table

90	0.2	1.5	1.3	0.6	0.1	0.6	1.3	1.5	0.2										
80	0.2	1.5	1.3	0.6	0.1	0.6	1.3	1.5	0.2										
70	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.2			
60		0.2	0.3	0.7	1.3	2.0	2.4	2.8	2.8	2.4	2.0	1.3	0.7	0.3	0.2				
50	0.2	0.2	0.8	2.1	3.6	5.1	6.7	7.9	7.9	6.7	5.1	3.6	2.1	0.8	0.2	0.2			
40		0.4	1.8	3.8	6.4	10.1	15.3	18.3	18.3	15.3	10.1	6.4	3.8	1.8	0.4				
30	0.3	0.8	2.7	5.5	10.1	17.4	33.6	54.2	54.2	33.6	17.4	10.1	5.5	2.7	0.8	0.3			
20		1.1	3.6	7.6	15.3	38.0	198.4	501.9	501.9	198.4	38.0	15.3	7.6	3.6	1.1				
10	0.4	1.4	4.3	8.9	18.7	77.1	638.9	3937.3	3937.3	638.9	77.1	18.7	8.9	4.3	1.4	0.4			
0		1.6	4.7	9.4	19.5	87.9	703.1	4336.1	4336.1	703.1	87.9	19.5	9.4	4.7	1.6				
-10	0.5	1.7	4.9	9.4	18.3	52.7	315.6	760.5	760.5	315.6	52.7	18.3	9.4	4.9	1.7	0.5			
-20		1.7	4.8	8.9	15.5	26.8	65.2	122.5	122.5	65.2	26.8	15.5	8.9	4.8	1.7				
-30	0.5	1.6	4.5	8.2	12.9	19.0	26.9	31.6	31.6	26.9	19.0	12.9	8.2	4.5	1.6	0.5			
-40		1.3	3.9	7.4	11.2	14.8	18.7	20.8	20.8	18.7	14.8	11.2	7.4	3.9	1.3				
-50	0.5	1.1	3.1	6.2	9.8	12.9	15.9	17.3	17.3	15.9	12.9	9.8	6.2	3.1	1.1	0.5			
-60		0.9	2.2	4.6	7.5	10.3	13.0	14.4	14.4	13.0	10.3	7.5	4.6	2.2	0.9				
-70	0.3	3.4	9.4	17.4	21.0	17.4	9.4	3.4	0.3							0.3			
-80		0.3	3.4	9.4	17.4	21.0	17.4	9.4	3.4	0.3									
-90	0.3	3.4	9.4	17.4	21.0	17.4	9.4	3.4	0.3										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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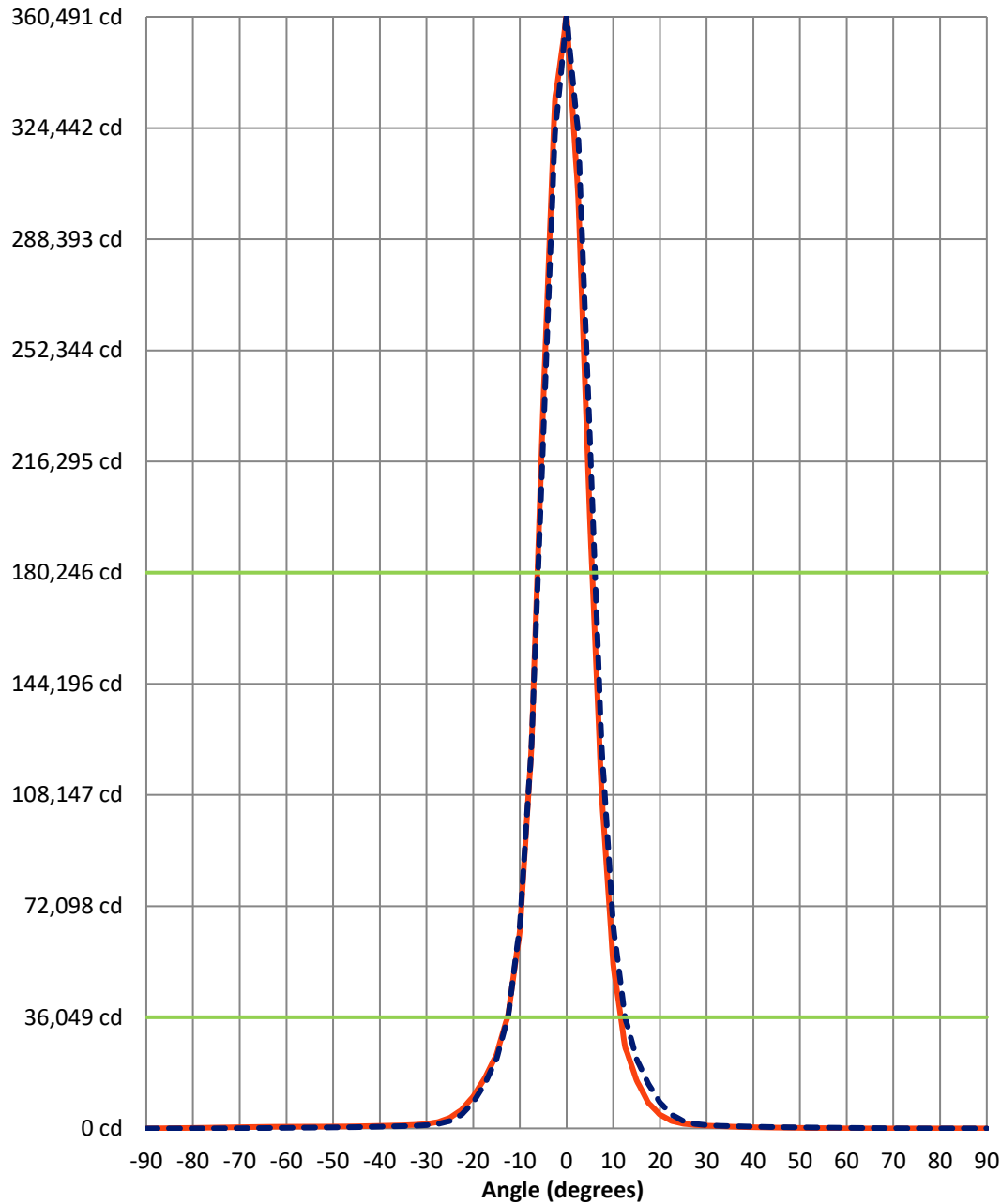
Luminous Intensity Polar Plot



— 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: 7877.6
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 17924.4
 Efficiency: 71.2%

Spill:
 Lumens: 7256.1
 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	4.5	4.5
85°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	9.0	9.0
82.5°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	9.0	9.0	9.0
80°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	9.0	9.0	9.0
77.5°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5	9.0
75°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
72.5°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
70°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
67.5°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
65°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
62.5°	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
60°	9.0	9.0	9.0	9.0	13.5	13.5	18.0	18.0	18.0	9.0	18.0
57.5°	72.2	72.2	67.7	63.2	58.6	54.1	54.1	54.1	54.1	54.1	45.1
55°	99.2	99.2	99.2	94.7	94.7	90.2	85.7	81.2	81.2	76.7	72.2
52.5°	117.3	117.3	117.3	117.3	112.8	112.8	112.8	108.3	99.2	99.2	94.7
50°	166.9	162.4	162.4	162.4	162.4	153.4	148.9	139.8	135.3	130.8	126.3
47.5°	216.5	216.5	212.0	212.0	207.5	198.5	189.5	180.4	171.4	166.9	157.9
45°	257.1	257.1	252.6	252.6	248.1	239.1	225.6	212.0	203.0	194.0	185.0
42.5°	315.8	311.3	306.8	302.2	293.2	279.7	261.6	243.6	230.1	216.5	207.5
40°	378.9	378.9	374.4	369.9	356.4	342.8	320.3	297.7	275.2	248.1	234.6
37.5°	455.6	460.1	464.6	464.6	455.6	437.6	406.0	378.9	342.8	306.8	288.7
35°	595.5	595.5	604.5	604.5	591.0	568.4	545.9	487.2	442.1	397.0	356.4
32.5°	748.9	753.4	735.3	721.8	703.7	676.7	636.1	586.5	536.8	478.2	433.1
30°	897.7	897.7	875.2	848.1	812.0	766.9	717.3	663.1	604.5	545.9	491.7
27.5°	1132.3	1109.7	1091.7	1046.6	983.4	897.7	834.6	748.9	672.2	604.5	545.9
25°	1520.3	1515.7	1475.1	1398.5	1272.1	1136.8	1033.1	888.7	771.4	667.7	600.0
22.5°	2418.0	2386.4	2291.7	2102.2	1804.5	1569.9	1357.9	1132.3	920.3	780.4	672.2
20°	4470.6	4366.8	4114.2	3590.9	2923.2	2463.1	1935.3	1556.3	1200.0	938.3	775.9
17.5°	8341.1	8273.5	8178.7	6969.7	5611.9	4637.5	3451.0	2386.4	1705.2	1227.0	920.3
15°	15635.7	15134.9	14088.3	12640.3	10741.1	8300.5	6103.6	3852.5	2436.0	1633.0	1168.4
12.5°	26728.6	26173.7	23471.6	19849.1	16434.2	12960.6	9099.0	5855.5	3469.1	2075.1	1384.9
10°	53258.7	49230.3	41665.1	31095.4	24270.0	18098.8	12775.6	7989.3	4515.7	2621.0	1642.1
7.5°	109084.3	95920.8	73915.3	52180.6	33775.0	23737.7	16316.9	10447.8	6017.9	3279.6	1876.6
5°	197710.5	174356.3	131355.9	79094.1	49045.3	29751.1	19361.9	12423.7	7123.1	3816.4	2111.2
2.5°	301891.2	271680.0	189906.2	108759.5	60476.6	34406.6	21491.2	13722.9	7826.9	4181.8	2291.7
0°	360491.2	322011.0	223645.2	124517.0	65921.6	36382.5	22533.2	14503.4	8422.3	4479.6	2409.0
-2.5°	333004.7	302026.6	205532.9	115666.1	62993.8	35516.4	22682.1	14697.4	8521.6	4560.8	2463.1
-5°	234702.0	209277.2	142214.3	85355.6	53448.2	32714.9	21400.9	13966.5	8246.4	4443.5	2440.5
-7.5°	124169.6	112666.2	84340.6	61333.7	39012.5	27689.5	19267.2	12671.8	7533.6	4127.7	2305.2
-10°	64153.2	61793.9	53249.7	40140.3	31569.1	23196.4	16443.2	10835.8	6297.6	3554.8	2075.1
-12.5°	36987.0	36585.5	33838.2	29047.4	24206.9	19055.1	13492.9	8837.4	5255.5	2945.8	1750.3
-15°	23949.7	24121.2	23164.8	21170.9	18414.5	14259.8	10366.6	6572.8	3888.6	2386.4	1542.8
-17.5°	16343.9	16298.8	15852.2	14485.3	12265.8	9631.3	6870.5	4642.0	2945.8	1858.6	1281.2
-20°	10339.6	10357.6	9942.6	8999.8	7366.7	5936.7	4276.6	3130.7	2088.7	1461.6	1132.3



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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°	5999.8	6013.4	5751.7	5219.4	4362.3	3518.7	2778.9	2070.6	1538.3	1218.0	992.5
-25°	3446.5	3392.4	3288.6	3031.5	2630.0	2169.9	1845.1	1457.1	1231.5	1033.1	906.7
-27.5°	2088.7	2052.6	1998.4	1885.7	1727.8	1497.7	1348.8	1177.4	1046.6	929.3	852.6
-30°	1457.1	1470.6	1425.5	1366.9	1294.7	1190.9	1109.7	1028.5	942.8	870.7	798.5
-32.5°	1159.4	1168.4	1145.8	1123.3	1087.2	1046.6	997.0	938.3	870.7	803.0	735.3
-35°	997.0	1001.5	1001.5	997.0	987.9	956.4	920.3	866.1	803.0	739.8	681.2
-37.5°	915.8	920.3	920.3	915.8	902.2	875.2	839.1	794.0	735.3	676.7	631.6
-40°	830.1	834.6	830.1	821.0	807.5	780.4	753.4	717.3	672.2	622.5	581.9
-42.5°	748.9	744.3	739.8	730.8	717.3	699.2	676.7	649.6	618.0	581.9	550.4
-45°	672.2	672.2	667.7	663.1	654.1	640.6	627.1	604.5	581.9	554.9	527.8
-47.5°	631.6	631.6	627.1	622.5	618.0	609.0	595.5	577.4	559.4	536.8	514.3
-50°	604.5	604.5	604.5	600.0	595.5	586.5	572.9	559.4	541.3	518.8	496.2
-52.5°	586.5	586.5	586.5	581.9	577.4	572.9	559.4	541.3	518.8	500.7	482.7
-55°	577.4	572.9	572.9	568.4	563.9	559.4	541.3	523.3	505.2	487.2	469.2
-57.5°	563.9	559.4	559.4	554.9	550.4	545.9	527.8	509.8	491.7	469.2	455.6
-60°	550.4	545.9	545.9	536.8	532.3	527.8	509.8	491.7	473.7	455.6	437.6
-62.5°	532.3	527.8	523.3	518.8	509.8	500.7	487.2	469.2	446.6	428.6	410.5
-65°	491.7	487.2	482.7	478.2	473.7	469.2	455.6	433.1	415.0	397.0	378.9
-67.5°	442.1	442.1	442.1	433.1	428.6	419.5	410.5	392.5	374.4	356.4	342.8
-70°	383.4	383.4	383.4	374.4	369.9	365.4	351.9	338.3	324.8	311.3	293.2
-72.5°	324.8	320.3	320.3	315.8	306.8	302.2	293.2	284.2	270.7	261.6	248.1
-75°	266.2	261.6	261.6	257.1	252.6	248.1	239.1	234.6	225.6	216.5	203.0
-77.5°	212.0	212.0	212.0	207.5	203.0	198.5	194.0	189.5	185.0	175.9	166.9
-80°	162.4	162.4	162.4	162.4	162.4	162.4	162.4	157.9	148.9	144.4	139.8
-82.5°	117.3	121.8	121.8	121.8	121.8	121.8	121.8	121.8	117.3	112.8	108.3
-85°	76.7	81.2	81.2	85.7	90.2	90.2	94.7	90.2	85.7	76.7	72.2
-87.5°	40.6	40.6	40.6	40.6	40.6	40.6	40.6	36.1	36.1	36.1	31.6
-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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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°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	9.0	9.0	9.0
85°	9.0	9.0	9.0	9.0	13.5	13.5	13.5	18.0	18.0	18.0	18.0
82.5°	9.0	13.5	13.5	13.5	18.0	18.0	22.6	27.1	36.1	40.6	40.6
80°	9.0	13.5	13.5	13.5	18.0	18.0	22.6	22.6	27.1	31.6	40.6
77.5°	9.0	9.0	13.5	13.5	13.5	18.0	18.0	22.6	22.6	27.1	31.6
75°	4.5	9.0	9.0	9.0	13.5	13.5	18.0	18.0	22.6	22.6	27.1
72.5°	4.5	9.0	9.0	9.0	13.5	13.5	18.0	18.0	18.0	22.6	22.6
70°	4.5	9.0	9.0	9.0	9.0	13.5	13.5	13.5	18.0	18.0	18.0
67.5°	4.5	4.5	4.5	9.0	9.0	9.0	9.0	13.5	13.5	13.5	18.0
65°	4.5	4.5	4.5	4.5	9.0	9.0	9.0	9.0	13.5	13.5	13.5
62.5°	4.5	4.5	4.5	9.0	9.0	9.0	9.0	9.0	13.5	13.5	13.5
60°	18.0	18.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
57.5°	40.6	40.6	36.1	31.6	27.1	27.1	22.6	18.0	18.0	13.5	13.5
55°	67.7	63.2	58.6	49.6	45.1	40.6	36.1	27.1	22.6	18.0	13.5
52.5°	85.7	81.2	76.7	72.2	63.2	54.1	49.6	45.1	36.1	27.1	22.6
50°	126.3	112.8	103.8	94.7	85.7	76.7	67.7	63.2	49.6	40.6	31.6
47.5°	153.4	144.4	130.8	121.8	112.8	99.2	85.7	76.7	67.7	54.1	40.6
45°	175.9	166.9	153.4	144.4	135.3	121.8	108.3	94.7	85.7	72.2	54.1
42.5°	198.5	189.5	175.9	166.9	153.4	139.8	126.3	112.8	99.2	90.2	72.2
40°	230.1	216.5	198.5	189.5	180.4	162.4	144.4	130.8	117.3	103.8	85.7
37.5°	270.7	257.1	234.6	216.5	203.0	189.5	171.4	153.4	139.8	121.8	103.8
35°	333.8	311.3	279.7	252.6	234.6	216.5	194.0	175.9	157.9	139.8	121.8
32.5°	397.0	360.9	320.3	288.7	261.6	239.1	216.5	198.5	175.9	153.4	135.3
30°	446.6	406.0	365.4	320.3	288.7	261.6	239.1	216.5	194.0	171.4	148.9
27.5°	496.2	451.1	406.0	360.9	315.8	279.7	257.1	234.6	212.0	189.5	162.4
25°	545.9	496.2	451.1	401.5	347.4	306.8	275.2	257.1	234.6	207.5	175.9
22.5°	591.0	545.9	500.7	446.6	383.4	329.3	297.7	275.2	252.6	221.0	194.0
20°	676.7	618.0	563.9	496.2	424.0	369.9	329.3	297.7	270.7	239.1	207.5
17.5°	789.5	703.7	631.6	554.9	482.7	415.0	356.4	320.3	293.2	257.1	221.0
15°	933.8	784.9	694.7	618.0	532.3	455.6	392.5	342.8	306.8	270.7	239.1
12.5°	1042.1	848.1	748.9	676.7	586.5	500.7	419.5	360.9	320.3	284.2	248.1
10°	1163.9	915.8	794.0	712.8	618.0	523.3	437.6	374.4	329.3	297.7	261.6
7.5°	1263.1	969.9	816.5	726.3	636.1	541.3	455.6	388.0	342.8	306.8	270.7
5°	1353.3	1015.0	834.6	730.8	645.1	554.9	464.6	397.0	351.9	315.8	279.7
2.5°	1416.5	1055.6	852.6	739.8	654.1	563.9	478.2	406.0	360.9	324.8	288.7
0°	1470.6	1069.1	848.1	739.8	658.6	563.9	482.7	410.5	365.4	329.3	293.2
-2.5°	1488.7	1091.7	870.7	748.9	667.7	572.9	491.7	415.0	369.9	333.8	302.2
-5°	1488.7	1073.7	870.7	757.9	672.2	577.4	491.7	419.5	374.4	338.3	302.2
-7.5°	1434.5	1046.6	866.1	766.9	676.7	581.9	491.7	424.0	378.9	342.8	306.8
-10°	1339.8	1006.0	861.6	771.4	676.7	577.4	491.7	424.0	378.9	342.8	311.3
-12.5°	1186.4	951.9	839.1	762.4	667.7	568.4	487.2	424.0	378.9	347.4	311.3
-15°	1109.7	906.7	812.0	735.3	645.1	554.9	478.2	419.5	378.9	347.4	315.8
-17.5°	1006.0	870.7	784.9	708.3	627.1	541.3	469.2	419.5	378.9	342.8	315.8
-20°	933.8	830.1	753.4	685.7	604.5	527.8	464.6	415.0	378.9	342.8	315.8



REPORT NUMBER: P724135
 CATALOG NUMBER: IFLD-S-SA3E-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°	870.7	784.9	717.3	649.6	577.4	509.8	455.6	410.5	374.4	342.8	315.8
-25°	821.0	744.3	681.2	618.0	554.9	496.2	446.6	406.0	369.9	342.8	311.3
-27.5°	775.9	703.7	645.1	586.5	527.8	482.7	437.6	401.5	369.9	338.3	306.8
-30°	726.3	667.7	609.0	554.9	514.3	469.2	428.6	392.5	365.4	333.8	302.2
-32.5°	676.7	622.5	572.9	532.3	496.2	460.1	424.0	388.0	356.4	324.8	293.2
-35°	631.6	581.9	545.9	509.8	482.7	451.1	415.0	378.9	351.9	320.3	293.2
-37.5°	586.5	550.4	518.8	491.7	464.6	437.6	401.5	369.9	342.8	311.3	279.7
-40°	550.4	523.3	500.7	478.2	451.1	419.5	392.5	360.9	333.8	302.2	266.2
-42.5°	527.8	505.2	482.7	460.1	437.6	410.5	383.4	351.9	324.8	293.2	257.1
-45°	505.2	487.2	469.2	451.1	428.6	401.5	369.9	338.3	311.3	279.7	252.6
-47.5°	491.7	473.7	455.6	442.1	424.0	388.0	360.9	329.3	297.7	270.7	239.1
-50°	478.2	460.1	446.6	428.6	406.0	374.4	347.4	315.8	288.7	257.1	230.1
-52.5°	464.6	446.6	428.6	410.5	388.0	360.9	333.8	306.8	275.2	243.6	216.5
-55°	451.1	433.1	415.0	397.0	374.4	351.9	324.8	288.7	257.1	225.6	198.5
-57.5°	437.6	424.0	401.5	378.9	356.4	333.8	302.2	270.7	239.1	207.5	185.0
-60°	419.5	401.5	383.4	356.4	333.8	306.8	279.7	252.6	221.0	194.0	171.4
-62.5°	392.5	374.4	356.4	329.3	306.8	284.2	261.6	230.1	207.5	180.4	157.9
-65°	360.9	342.8	324.8	302.2	279.7	257.1	239.1	212.0	189.5	166.9	148.9
-67.5°	324.8	306.8	293.2	270.7	252.6	230.1	212.0	189.5	166.9	148.9	130.8
-70°	279.7	266.2	252.6	234.6	216.5	198.5	180.4	162.4	144.4	130.8	112.8
-72.5°	239.1	225.6	212.0	198.5	185.0	166.9	153.4	139.8	126.3	112.8	103.8
-75°	194.0	185.0	175.9	166.9	153.4	139.8	130.8	117.3	108.3	99.2	94.7
-77.5°	162.4	153.4	144.4	135.3	126.3	117.3	108.3	99.2	94.7	90.2	85.7
-80°	130.8	126.3	121.8	112.8	108.3	99.2	94.7	85.7	85.7	85.7	85.7
-82.5°	103.8	99.2	94.7	90.2	85.7	81.2	81.2	76.7	81.2	81.2	76.7
-85°	72.2	67.7	63.2	63.2	58.6	58.6	54.1	54.1	54.1	49.6	49.6
-87.5°	31.6	31.6	31.6	31.6	27.1	27.1	27.1	27.1	27.1	22.6	22.6
-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: P724135
 CATALOG NUMBER: IFLD-S-SA3E-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°	9.0	9.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5	0.0	0.0
85°	18.0	18.0	13.5	13.5	13.5	9.0	9.0	4.5	4.5	4.5	4.5
82.5°	40.6	36.1	31.6	27.1	22.6	18.0	13.5	9.0	9.0	4.5	4.5
80°	49.6	49.6	49.6	45.1	36.1	27.1	18.0	13.5	9.0	4.5	4.5
77.5°	36.1	36.1	40.6	45.1	45.1	36.1	22.6	13.5	9.0	9.0	4.5
75°	27.1	27.1	27.1	31.6	36.1	36.1	27.1	18.0	9.0	9.0	4.5
72.5°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	18.0	13.5	9.0	9.0
70°	22.6	22.6	22.6	22.6	22.6	22.6	22.6	18.0	13.5	9.0	9.0
67.5°	18.0	18.0	22.6	22.6	22.6	18.0	18.0	18.0	13.5	9.0	9.0
65°	13.5	18.0	18.0	22.6	18.0	18.0	18.0	13.5	13.5	9.0	9.0
62.5°	13.5	13.5	18.0	18.0	18.0	18.0	13.5	13.5	13.5	9.0	9.0
60°	13.5	13.5	13.5	18.0	13.5	13.5	13.5	13.5	13.5	9.0	9.0
57.5°	13.5	13.5	13.5	13.5	13.5	13.5	13.5	9.0	9.0	9.0	9.0
55°	13.5	13.5	13.5	13.5	13.5	13.5	9.0	9.0	9.0	9.0	9.0
52.5°	18.0	13.5	13.5	13.5	13.5	13.5	9.0	9.0	9.0	9.0	9.0
50°	22.6	13.5	13.5	13.5	13.5	9.0	9.0	9.0	9.0	9.0	9.0
47.5°	31.6	22.6	18.0	13.5	13.5	9.0	9.0	9.0	9.0	9.0	4.5
45°	45.1	31.6	22.6	18.0	13.5	9.0	9.0	9.0	9.0	9.0	4.5
42.5°	54.1	40.6	27.1	22.6	18.0	13.5	9.0	9.0	9.0	4.5	4.5
40°	67.7	54.1	36.1	27.1	18.0	13.5	9.0	9.0	9.0	4.5	4.5
37.5°	85.7	67.7	45.1	31.6	22.6	13.5	13.5	9.0	9.0	4.5	4.5
35°	99.2	76.7	58.6	36.1	27.1	18.0	13.5	9.0	9.0	4.5	4.5
32.5°	112.8	90.2	72.2	45.1	31.6	22.6	18.0	9.0	9.0	4.5	4.5
30°	126.3	103.8	81.2	58.6	40.6	27.1	18.0	9.0	9.0	4.5	4.5
27.5°	139.8	112.8	90.2	67.7	45.1	31.6	22.6	13.5	9.0	4.5	4.5
25°	153.4	126.3	99.2	76.7	49.6	36.1	22.6	13.5	9.0	9.0	4.5
22.5°	162.4	139.8	112.8	85.7	58.6	40.6	27.1	18.0	9.0	9.0	4.5
20°	175.9	153.4	121.8	94.7	67.7	45.1	27.1	18.0	9.0	9.0	4.5
17.5°	189.5	162.4	130.8	103.8	76.7	49.6	31.6	22.6	9.0	9.0	4.5
15°	203.0	171.4	139.8	108.3	81.2	54.1	31.6	22.6	9.0	9.0	4.5
12.5°	216.5	185.0	148.9	117.3	85.7	58.6	36.1	27.1	13.5	9.0	4.5
10°	225.6	194.0	157.9	121.8	90.2	67.7	40.6	27.1	13.5	9.0	4.5
7.5°	239.1	203.0	166.9	130.8	94.7	72.2	45.1	27.1	13.5	9.0	4.5
5°	243.6	212.0	171.4	139.8	99.2	76.7	49.6	31.6	13.5	9.0	4.5
2.5°	248.1	221.0	175.9	144.4	103.8	76.7	49.6	31.6	18.0	9.0	4.5
0°	252.6	225.6	180.4	148.9	108.3	81.2	54.1	31.6	18.0	9.0	4.5
-2.5°	257.1	230.1	189.5	153.4	112.8	85.7	58.6	31.6	18.0	9.0	4.5
-5°	261.6	230.1	198.5	157.9	117.3	85.7	58.6	36.1	22.6	9.0	4.5
-7.5°	266.2	234.6	203.0	162.4	121.8	85.7	63.2	36.1	22.6	13.5	4.5
-10°	270.7	239.1	207.5	166.9	121.8	90.2	63.2	36.1	22.6	13.5	4.5
-12.5°	275.2	243.6	207.5	166.9	126.3	90.2	63.2	40.6	22.6	13.5	4.5
-15°	279.7	243.6	207.5	166.9	126.3	94.7	67.7	40.6	22.6	13.5	9.0
-17.5°	279.7	243.6	207.5	171.4	126.3	94.7	67.7	40.6	22.6	13.5	9.0
-20°	279.7	243.6	207.5	171.4	126.3	94.7	67.7	40.6	22.6	13.5	9.0



REPORT NUMBER: P724135
 CATALOG NUMBER: IFLD-S-SA3E-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°	275.2	239.1	207.5	166.9	126.3	94.7	67.7	40.6	27.1	13.5	9.0
-25°	275.2	239.1	207.5	166.9	126.3	94.7	63.2	40.6	27.1	13.5	9.0
-27.5°	270.7	239.1	203.0	162.4	121.8	90.2	63.2	40.6	27.1	13.5	9.0
-30°	266.2	234.6	198.5	157.9	121.8	90.2	63.2	40.6	27.1	13.5	9.0
-32.5°	261.6	225.6	194.0	153.4	117.3	85.7	63.2	40.6	27.1	13.5	9.0
-35°	252.6	221.0	185.0	148.9	112.8	85.7	58.6	40.6	27.1	18.0	9.0
-37.5°	243.6	212.0	180.4	144.4	108.3	81.2	58.6	40.6	27.1	18.0	9.0
-40°	234.6	207.5	171.4	135.3	103.8	76.7	58.6	40.6	27.1	18.0	13.5
-42.5°	225.6	198.5	166.9	130.8	103.8	76.7	54.1	40.6	27.1	18.0	13.5
-45°	221.0	194.0	157.9	126.3	99.2	76.7	54.1	36.1	27.1	18.0	13.5
-47.5°	212.0	180.4	148.9	121.8	94.7	72.2	49.6	36.1	27.1	18.0	13.5
-50°	198.5	171.4	144.4	117.3	90.2	67.7	49.6	36.1	27.1	18.0	13.5
-52.5°	185.0	157.9	135.3	108.3	85.7	67.7	49.6	36.1	27.1	18.0	13.5
-55°	171.4	148.9	126.3	103.8	81.2	63.2	45.1	36.1	27.1	18.0	13.5
-57.5°	162.4	139.8	117.3	94.7	76.7	58.6	45.1	31.6	22.6	18.0	13.5
-60°	153.4	130.8	108.3	90.2	72.2	58.6	45.1	31.6	22.6	18.0	9.0
-62.5°	139.8	121.8	99.2	85.7	67.7	54.1	40.6	31.6	22.6	18.0	9.0
-65°	126.3	108.3	90.2	76.7	63.2	49.6	40.6	31.6	22.6	18.0	9.0
-67.5°	112.8	99.2	85.7	72.2	58.6	49.6	40.6	31.6	22.6	13.5	9.0
-70°	103.8	90.2	76.7	67.7	58.6	45.1	40.6	31.6	22.6	13.5	9.0
-72.5°	90.2	81.2	72.2	63.2	54.1	49.6	40.6	31.6	18.0	13.5	9.0
-75°	85.7	76.7	67.7	63.2	58.6	49.6	40.6	27.1	18.0	13.5	9.0
-77.5°	85.7	76.7	72.2	67.7	58.6	49.6	36.1	22.6	13.5	13.5	9.0
-80°	85.7	81.2	76.7	63.2	54.1	40.6	27.1	22.6	13.5	9.0	4.5
-82.5°	76.7	63.2	54.1	45.1	40.6	31.6	22.6	18.0	9.0	9.0	4.5
-85°	49.6	40.6	36.1	31.6	27.1	22.6	13.5	9.0	9.0	4.5	4.5
-87.5°	22.6	22.6	18.0	13.5	13.5	9.0	9.0	4.5	4.5	4.5	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: P724135
 CATALOG NUMBER: IFLD-S-SA3E-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°	4.5	0.0	0.0	0.0
77.5°	4.5	0.0	0.0	0.0
75°	4.5	4.5	0.0	0.0
72.5°	4.5	4.5	0.0	0.0
70°	4.5	4.5	0.0	0.0
67.5°	4.5	4.5	0.0	0.0
65°	4.5	4.5	0.0	0.0
62.5°	4.5	4.5	0.0	0.0
60°	4.5	4.5	0.0	0.0
57.5°	4.5	4.5	4.5	0.0
55°	4.5	4.5	4.5	0.0
52.5°	4.5	4.5	4.5	0.0
50°	4.5	4.5	4.5	0.0
47.5°	4.5	4.5	4.5	0.0
45°	4.5	4.5	4.5	0.0
42.5°	4.5	4.5	4.5	0.0
40°	4.5	4.5	4.5	0.0
37.5°	4.5	4.5	4.5	0.0
35°	4.5	4.5	4.5	0.0
32.5°	4.5	4.5	4.5	0.0
30°	4.5	4.5	4.5	0.0
27.5°	4.5	4.5	4.5	0.0
25°	4.5	4.5	4.5	0.0
22.5°	4.5	4.5	4.5	0.0
20°	4.5	4.5	4.5	0.0
17.5°	4.5	4.5	4.5	0.0
15°	4.5	4.5	4.5	0.0
12.5°	4.5	4.5	4.5	0.0
10°	4.5	4.5	4.5	0.0
7.5°	4.5	4.5	4.5	0.0
5°	4.5	4.5	4.5	0.0
2.5°	4.5	4.5	4.5	0.0
0°	4.5	4.5	4.5	0.0
-2.5°	4.5	4.5	4.5	0.0
-5°	4.5	4.5	4.5	0.0
-7.5°	4.5	4.5	4.5	0.0
-10°	4.5	4.5	4.5	0.0
-12.5°	4.5	4.5	4.5	0.0
-15°	4.5	4.5	4.5	0.0
-17.5°	4.5	4.5	4.5	0.0
-20°	4.5	4.5	4.5	0.0



REPORT NUMBER: P724135
 CATALOG NUMBER: IFLD-S-SA3E-740-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	4.5	4.5	4.5	0.0
-25°	4.5	4.5	4.5	0.0
-27.5°	4.5	4.5	4.5	0.0
-30°	4.5	4.5	4.5	0.0
-32.5°	4.5	4.5	4.5	0.0
-35°	4.5	4.5	4.5	0.0
-37.5°	4.5	4.5	4.5	0.0
-40°	4.5	4.5	4.5	0.0
-42.5°	4.5	4.5	4.5	0.0
-45°	4.5	4.5	4.5	0.0
-47.5°	4.5	4.5	4.5	0.0
-50°	4.5	4.5	4.5	0.0
-52.5°	4.5	4.5	4.5	0.0
-55°	4.5	4.5	4.5	0.0
-57.5°	4.5	4.5	4.5	0.0
-60°	4.5	4.5	0.0	0.0
-62.5°	4.5	4.5	0.0	0.0
-65°	4.5	4.5	0.0	0.0
-67.5°	4.5	4.5	0.0	0.0
-70°	4.5	4.5	0.0	0.0
-72.5°	4.5	4.5	0.0	0.0
-75°	4.5	4.5	0.0	0.0
-77.5°	4.5	0.0	0.0	0.0
-80°	4.5	0.0	0.0	0.0
-82.5°	4.5	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)