

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: P724134

Luminaire Tested: **IFLD-S-SA3D-740-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724134  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3D-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**

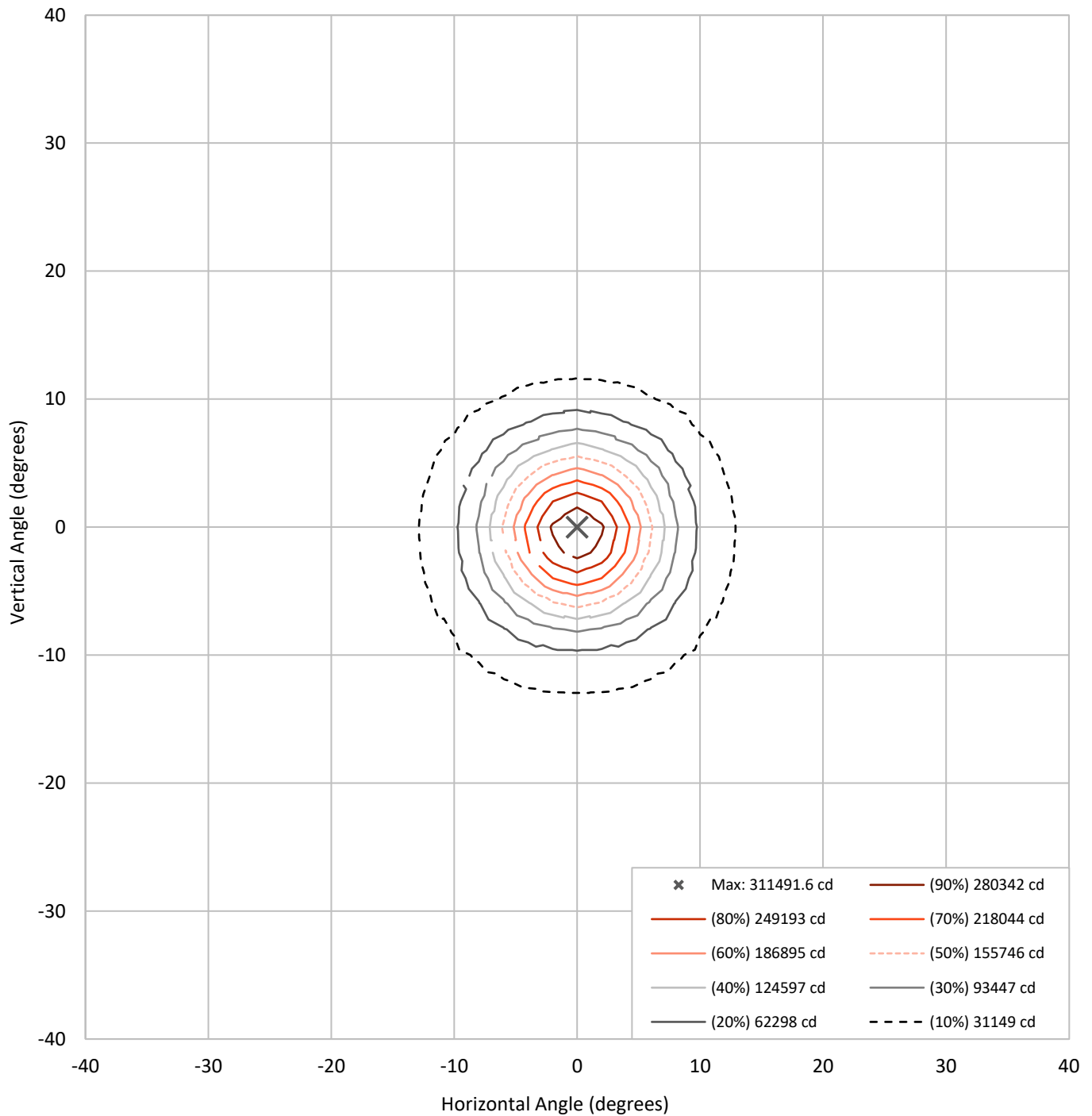
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	21757.8 lumens	Max Intensity:	311491.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	118.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6806.9 lumens	Field Lumens:	15488 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 184.1  
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





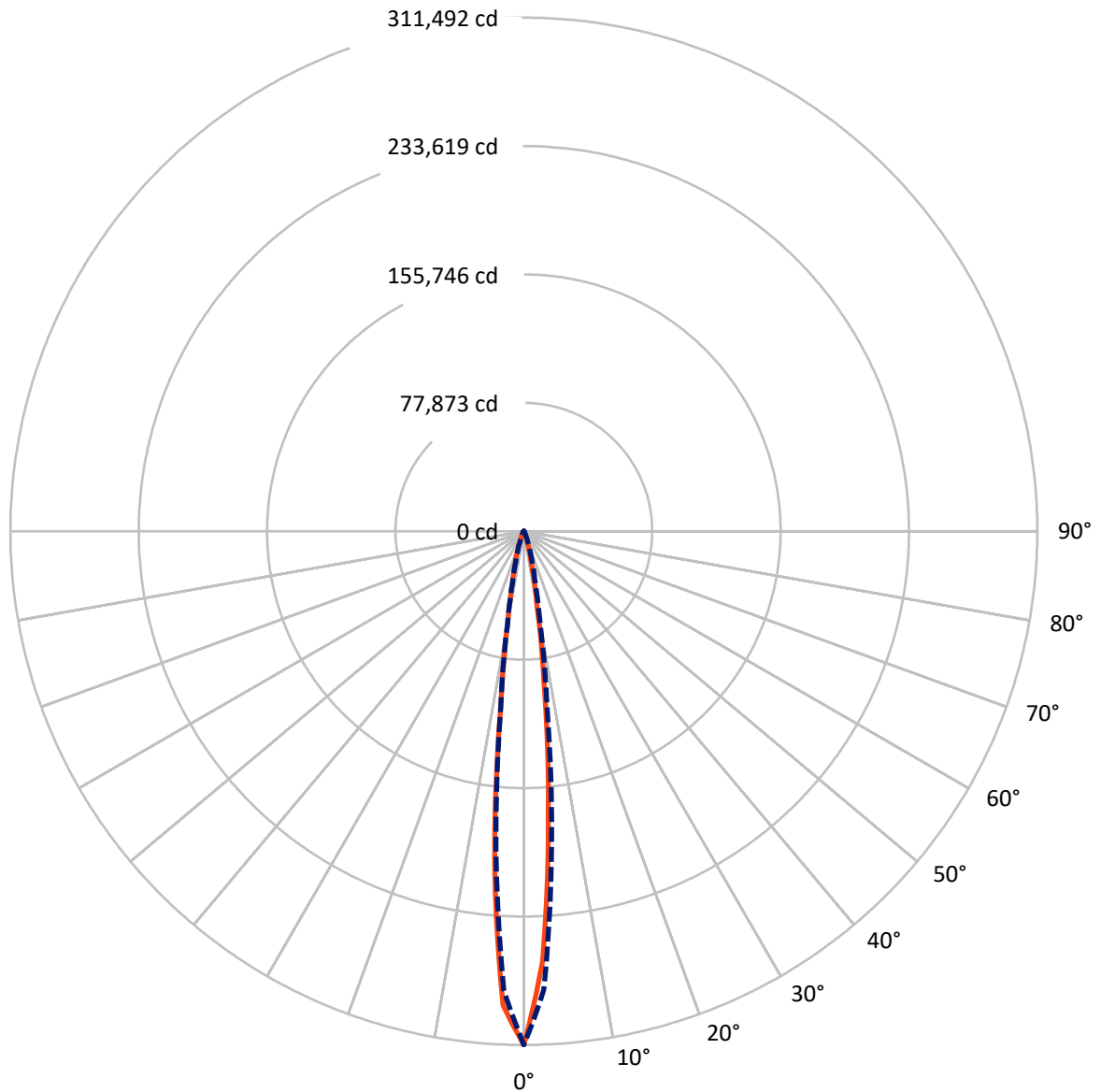
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### Lumen Table

90	0.1	1.3		1.1		0.5		0.0		0.5		1.1		1.3		0.1			
80	0.1	1.3		1.1		0.5		0.0		0.5		1.1		1.3		0.1			
70	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.0	0.0	0.2	0.1	0.2	0.2	0.2	0.2	0.2			
60		0.1	0.2	0.6	1.1	1.7	2.1	2.4	2.4	2.1	1.7	1.1	0.6	0.2	0.1				
50	0.1	0.2	0.7	1.8	3.1	4.4	5.8	6.8	6.8	5.8	4.4	3.1	1.8	0.7	0.2	0.1			
40		0.4	1.5	3.3	5.6	8.7	13.2	15.8	15.8	13.2	8.7	5.6	3.3	1.5	0.4				
30	0.2	0.7	2.3	4.8	8.7	15.1	29.0	46.8	46.8	29.0	15.1	8.7	4.8	2.3	0.7	0.2			
20		1.0	3.1	6.5	13.2	32.8	171.4	433.7	433.7	171.4	32.8	13.2	6.5	3.1	1.0				
10	0.4	1.2	3.7	7.7	16.2	66.7	552.1	3402.1	3402.1	552.1	66.7	16.2	7.7	3.7	1.2	0.4			
0		1.4	4.1	8.1	16.9	76.0	607.5	3746.7	3746.7	607.5	76.0	16.9	8.1	4.1	1.4				
-10	0.5	1.5	4.2	8.1	15.8	45.5	272.7	657.1	657.1	272.7	45.5	15.8	8.1	4.2	1.5	0.5			
-20		1.5	4.2	7.7	13.4	23.2	56.3	105.9	105.9	56.3	23.2	13.4	7.7	4.2	1.5				
-30	0.5	1.3	3.9	7.1	11.1	16.4	23.3	27.3	27.3	23.3	16.4	11.1	7.1	3.9	1.3	0.5			
-40		1.2	3.3	6.4	9.7	12.8	16.2	18.0	18.0	16.2	12.8	9.7	6.4	3.3	1.2				
-50	0.4	1.0	2.7	5.4	8.5	11.2	13.7	15.0	15.0	13.7	11.2	8.5	5.4	2.7	1.0	0.4			
-60		0.7	1.9	3.9	6.5	8.9	11.2	12.5	12.5	11.2	8.9	6.5	3.9	1.9	0.7				
-70	0.2	3.0		8.1		15.0		18.1		15.0		8.1		3.0		0.2			
-80		3.0		8.1		15.0		18.1		15.0		8.1		3.0					
-90	0.2	3.0		8.1		15.0		18.1		15.0		8.1		3.0		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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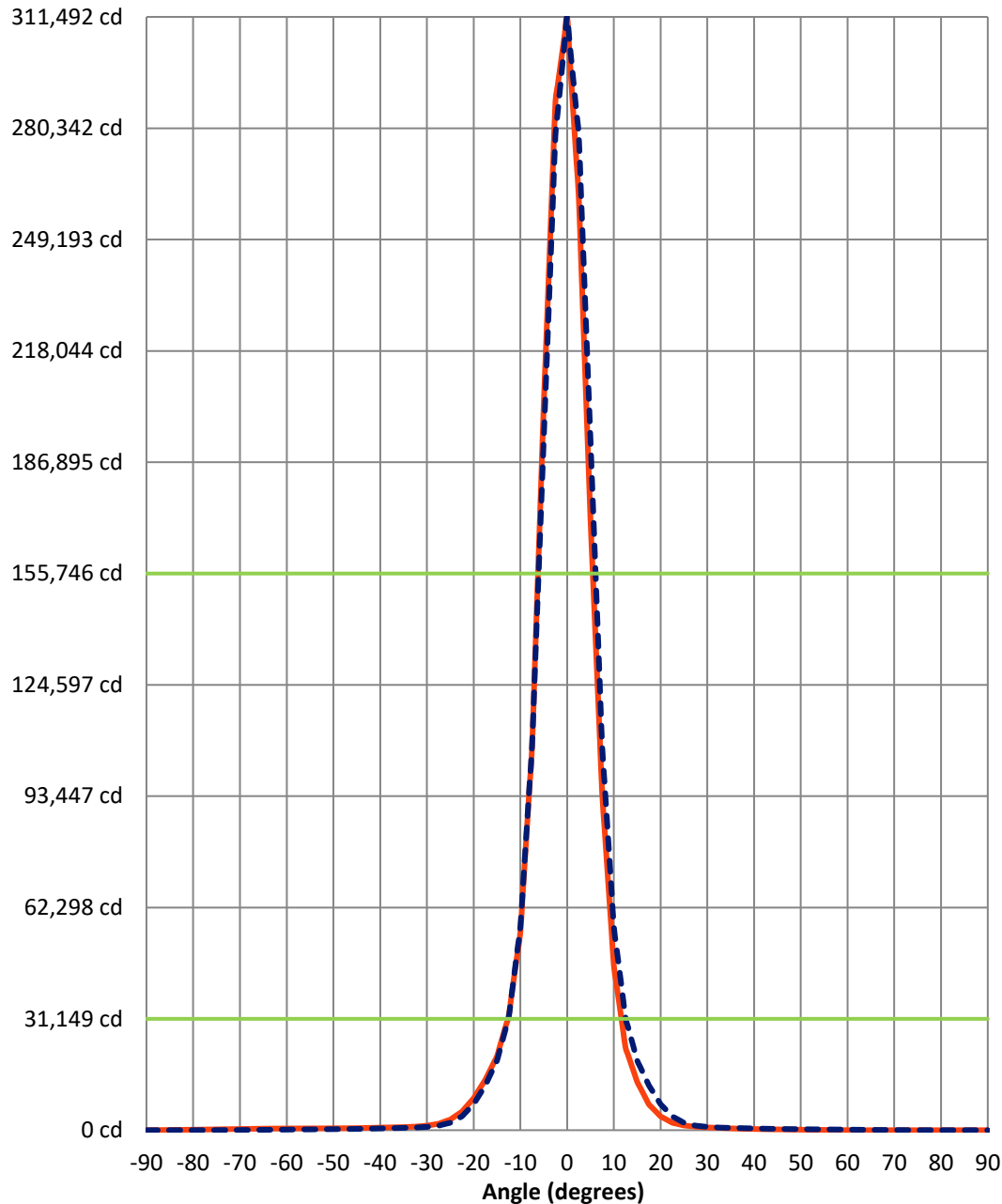
### Luminous Intensity Polar Plot



— 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: 6806.9  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 15488  
Efficiency: 71.2%

**Spill:**  
Lumens: 6269.8  
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	3.9	3.9
85°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	7.8	7.8
82.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	7.8	7.8	7.8
80°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	7.8	7.8	7.8
77.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	7.8
75°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
72.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
70°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
67.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
65°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
62.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
60°	7.8	7.8	7.8	7.8	11.7	11.7	15.6	15.6	15.6	7.8	15.6
57.5°	62.4	62.4	58.5	54.6	50.7	46.8	46.8	46.8	46.8	46.8	39.0
55°	85.8	85.8	85.8	81.9	81.9	78.0	74.1	70.2	70.2	66.3	62.4
52.5°	101.3	101.3	101.3	101.3	97.4	97.4	97.4	93.6	85.8	85.8	81.9
50°	144.2	140.3	140.3	140.3	140.3	132.5	128.6	120.8	116.9	113.0	109.1
47.5°	187.1	187.1	183.2	183.2	179.3	171.5	163.7	155.9	148.1	144.2	136.4
45°	222.2	222.2	218.3	218.3	214.4	206.6	194.9	183.2	175.4	167.6	159.8
42.5°	272.9	269.0	265.1	261.2	253.4	241.7	226.1	210.5	198.8	187.1	179.3
40°	327.4	327.4	323.5	319.6	307.9	296.2	276.8	257.3	237.8	214.4	202.7
37.5°	393.7	397.6	401.5	401.5	393.7	378.1	350.8	327.4	296.2	265.1	249.5
35°	514.5	514.5	522.3	522.3	510.6	491.1	471.7	421.0	382.0	343.0	307.9
32.5°	647.1	651.0	635.4	623.7	608.1	584.7	549.6	506.7	463.9	413.2	374.2
30°	775.7	775.7	756.2	732.8	701.6	662.7	619.8	573.0	522.3	471.7	424.9
27.5°	978.4	958.9	943.3	904.3	849.8	775.7	721.1	647.1	580.8	522.3	471.7
25°	1313.6	1309.7	1274.6	1208.4	1099.2	982.3	892.6	767.9	666.6	576.9	518.4
22.5°	2089.3	2062.0	1980.2	1816.5	1559.2	1356.5	1173.3	978.4	795.2	674.4	580.8
20°	3862.9	3773.2	3555.0	3102.8	2525.9	2128.3	1672.2	1344.8	1036.9	810.8	670.5
17.5°	7207.4	7148.9	7067.0	6022.4	4849.1	4007.1	2982.0	2062.0	1473.4	1060.3	795.2
15°	13510.4	13077.7	12173.4	10922.1	9281.1	7172.3	5274.0	3328.9	2104.9	1411.1	1009.6
12.5°	23095.5	22616.1	20281.2	17151.1	14200.3	11198.9	7862.2	5059.6	2997.5	1793.1	1196.7
10°	46019.6	42538.7	36001.8	26868.8	20971.1	15638.7	11039.1	6903.3	3901.9	2264.7	1418.9
7.5°	94257.1	82882.8	63868.4	45088.0	29184.2	20511.2	14099.0	9027.7	5199.9	2833.8	1621.6
5°	170836.9	150657.0	113501.4	68343.3	42378.9	25707.2	16730.1	10735.0	6154.9	3297.7	1824.3
2.5°	260856.8	234752.1	164093.3	93976.4	52256.3	29729.9	18570.0	11857.7	6763.0	3613.4	1980.2
0°	311491.6	278241.8	193246.4	107592.1	56961.2	31437.2	19470.4	12532.0	7277.5	3870.7	2081.5
-2.5°	287741.2	260973.8	177596.0	99944.3	54431.4	30688.8	19599.1	12699.6	7363.3	3940.9	2128.3
-5°	202800.3	180831.3	122883.9	73753.7	46183.3	28268.2	18492.0	12068.2	7125.5	3839.5	2108.8
-7.5°	107292.0	97352.1	72876.7	52997.0	33709.7	23925.8	16648.3	10949.4	6509.6	3566.7	1991.9
-10°	55433.2	53394.6	46011.8	34684.2	27278.1	20043.4	14208.1	9363.0	5441.6	3071.6	1793.1
-12.5°	31959.6	31612.6	29238.8	25099.1	20916.6	16465.1	11658.9	7636.1	4541.1	2545.4	1512.4
-15°	20694.4	20842.5	20016.1	18293.2	15911.6	12321.5	8957.6	5679.4	3360.1	2062.0	1333.1
-17.5°	14122.4	14083.4	13697.5	12516.4	10598.6	8322.2	5936.6	4011.0	2545.4	1606.0	1107.0
-20°	8934.2	8949.8	8591.2	7776.5	6365.4	5129.7	3695.3	2705.2	1804.8	1262.9	978.4



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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°	5184.3	5196.0	4969.9	4510.0	3769.3	3040.4	2401.2	1789.2	1329.2	1052.5	857.6
-25°	2978.1	2931.3	2841.6	2619.4	2272.5	1874.9	1594.3	1259.0	1064.1	892.6	783.5
-27.5°	1804.8	1773.6	1726.8	1629.4	1492.9	1294.1	1165.5	1017.4	904.3	803.0	736.7
-30°	1259.0	1270.7	1231.8	1181.1	1118.7	1029.1	958.9	888.7	814.7	752.3	689.9
-32.5°	1001.8	1009.6	990.1	970.6	939.4	904.3	861.5	810.8	752.3	693.8	635.4
-35°	861.5	865.4	865.4	861.5	853.7	826.4	795.2	748.4	693.8	639.3	588.6
-37.5°	791.3	795.2	795.2	791.3	779.6	756.2	725.0	686.0	635.4	584.7	545.7
-40°	717.2	721.1	717.2	709.4	697.7	674.4	651.0	619.8	580.8	537.9	502.8
-42.5°	647.1	643.2	639.3	631.5	619.8	604.2	584.7	561.3	534.0	502.8	475.6
-45°	580.8	580.8	576.9	573.0	565.2	553.5	541.8	522.3	502.8	479.5	456.1
-47.5°	545.7	545.7	541.8	537.9	534.0	526.2	514.5	498.9	483.3	463.9	444.4
-50°	522.3	522.3	522.3	518.4	514.5	506.7	495.0	483.3	467.8	448.3	428.8
-52.5°	506.7	506.7	506.7	502.8	498.9	495.0	483.3	467.8	448.3	432.7	417.1
-55°	498.9	495.0	495.0	491.1	487.2	483.3	467.8	452.2	436.6	421.0	405.4
-57.5°	487.2	483.3	483.3	479.5	475.6	471.7	456.1	440.5	424.9	405.4	393.7
-60°	475.6	471.7	471.7	463.9	460.0	456.1	440.5	424.9	409.3	393.7	378.1
-62.5°	460.0	456.1	452.2	448.3	440.5	432.7	421.0	405.4	385.9	370.3	354.7
-65°	424.9	421.0	417.1	413.2	409.3	405.4	393.7	374.2	358.6	343.0	327.4
-67.5°	382.0	382.0	382.0	374.2	370.3	362.5	354.7	339.1	323.5	307.9	296.2
-70°	331.3	331.3	331.3	323.5	319.6	315.7	304.0	292.3	280.7	269.0	253.4
-72.5°	280.7	276.8	276.8	272.9	265.1	261.2	253.4	245.6	233.9	226.1	214.4
-75°	230.0	226.1	226.1	222.2	218.3	214.4	206.6	202.7	194.9	187.1	175.4
-77.5°	183.2	183.2	183.2	179.3	175.4	171.5	167.6	163.7	159.8	152.0	144.2
-80°	140.3	140.3	140.3	140.3	140.3	140.3	140.3	136.4	128.6	124.7	120.8
-82.5°	101.3	105.2	105.2	105.2	105.2	105.2	105.2	105.2	101.3	97.4	93.6
-85°	66.3	70.2	70.2	74.1	78.0	78.0	81.9	78.0	74.1	66.3	62.4
-87.5°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	31.2	31.2	31.2	27.3
-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°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	7.8	7.8	7.8
85°	7.8	7.8	7.8	7.8	11.7	11.7	11.7	15.6	15.6	15.6	15.6
82.5°	7.8	11.7	11.7	11.7	15.6	15.6	19.5	23.4	31.2	35.1	35.1
80°	7.8	11.7	11.7	11.7	15.6	15.6	19.5	19.5	23.4	27.3	35.1
77.5°	7.8	7.8	11.7	11.7	11.7	15.6	15.6	19.5	19.5	23.4	27.3
75°	3.9	7.8	7.8	7.8	11.7	11.7	15.6	15.6	19.5	19.5	23.4
72.5°	3.9	7.8	7.8	7.8	11.7	11.7	15.6	15.6	15.6	19.5	19.5
70°	3.9	7.8	7.8	7.8	7.8	11.7	11.7	11.7	15.6	15.6	15.6
67.5°	3.9	3.9	3.9	7.8	7.8	7.8	7.8	11.7	11.7	11.7	15.6
65°	3.9	3.9	3.9	3.9	7.8	7.8	7.8	7.8	11.7	11.7	11.7
62.5°	3.9	3.9	3.9	7.8	7.8	7.8	7.8	7.8	11.7	11.7	11.7
60°	15.6	15.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
57.5°	35.1	35.1	31.2	27.3	23.4	23.4	19.5	15.6	15.6	11.7	11.7
55°	58.5	54.6	50.7	42.9	39.0	35.1	31.2	23.4	19.5	15.6	11.7
52.5°	74.1	70.2	66.3	62.4	54.6	46.8	42.9	39.0	31.2	23.4	19.5
50°	109.1	97.4	89.7	81.9	74.1	66.3	58.5	54.6	42.9	35.1	27.3
47.5°	132.5	124.7	113.0	105.2	97.4	85.8	74.1	66.3	58.5	46.8	35.1
45°	152.0	144.2	132.5	124.7	116.9	105.2	93.6	81.9	74.1	62.4	46.8
42.5°	171.5	163.7	152.0	144.2	132.5	120.8	109.1	97.4	85.8	78.0	62.4
40°	198.8	187.1	171.5	163.7	155.9	140.3	124.7	113.0	101.3	89.7	74.1
37.5°	233.9	222.2	202.7	187.1	175.4	163.7	148.1	132.5	120.8	105.2	89.7
35°	288.5	269.0	241.7	218.3	202.7	187.1	167.6	152.0	136.4	120.8	105.2
32.5°	343.0	311.8	276.8	249.5	226.1	206.6	187.1	171.5	152.0	132.5	116.9
30°	385.9	350.8	315.7	276.8	249.5	226.1	206.6	187.1	167.6	148.1	128.6
27.5°	428.8	389.8	350.8	311.8	272.9	241.7	222.2	202.7	183.2	163.7	140.3
25°	471.7	428.8	389.8	346.9	300.1	265.1	237.8	222.2	202.7	179.3	152.0
22.5°	510.6	471.7	432.7	385.9	331.3	284.6	257.3	237.8	218.3	191.0	167.6
20°	584.7	534.0	487.2	428.8	366.4	319.6	284.6	257.3	233.9	206.6	179.3
17.5°	682.1	608.1	545.7	479.5	417.1	358.6	307.9	276.8	253.4	222.2	191.0
15°	806.9	678.2	600.3	534.0	460.0	393.7	339.1	296.2	265.1	233.9	206.6
12.5°	900.4	732.8	647.1	584.7	506.7	432.7	362.5	311.8	276.8	245.6	214.4
10°	1005.7	791.3	686.0	615.9	534.0	452.2	378.1	323.5	284.6	257.3	226.1
7.5°	1091.4	838.1	705.5	627.6	549.6	467.8	393.7	335.2	296.2	265.1	233.9
5°	1169.4	877.0	721.1	631.5	557.4	479.5	401.5	343.0	304.0	272.9	241.7
2.5°	1224.0	912.1	736.7	639.3	565.2	487.2	413.2	350.8	311.8	280.7	249.5
0°	1270.7	923.8	732.8	639.3	569.1	487.2	417.1	354.7	315.7	284.6	253.4
-2.5°	1286.3	943.3	752.3	647.1	576.9	495.0	424.9	358.6	319.6	288.5	261.2
-5°	1286.3	927.7	752.3	654.9	580.8	498.9	424.9	362.5	323.5	292.3	261.2
-7.5°	1239.6	904.3	748.4	662.7	584.7	502.8	424.9	366.4	327.4	296.2	265.1
-10°	1157.7	869.2	744.5	666.6	584.7	498.9	424.9	366.4	327.4	296.2	269.0
-12.5°	1025.2	822.5	725.0	658.8	576.9	491.1	421.0	366.4	327.4	300.1	269.0
-15°	958.9	783.5	701.6	635.4	557.4	479.5	413.2	362.5	327.4	300.1	272.9
-17.5°	869.2	752.3	678.2	612.0	541.8	467.8	405.4	362.5	327.4	296.2	272.9
-20°	806.9	717.2	651.0	592.5	522.3	456.1	401.5	358.6	327.4	296.2	272.9



REPORT NUMBER: P724134

CATALOG NUMBER: IFLD-S-SA3D-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°	752.3	678.2	619.8	561.3	498.9	440.5	393.7	354.7	323.5	296.2	272.9
-25°	709.4	643.2	588.6	534.0	479.5	428.8	385.9	350.8	319.6	296.2	269.0
-27.5°	670.5	608.1	557.4	506.7	456.1	417.1	378.1	346.9	319.6	292.3	265.1
-30°	627.6	576.9	526.2	479.5	444.4	405.4	370.3	339.1	315.7	288.5	261.2
-32.5°	584.7	537.9	495.0	460.0	428.8	397.6	366.4	335.2	307.9	280.7	253.4
-35°	545.7	502.8	471.7	440.5	417.1	389.8	358.6	327.4	304.0	276.8	253.4
-37.5°	506.7	475.6	448.3	424.9	401.5	378.1	346.9	319.6	296.2	269.0	241.7
-40°	475.6	452.2	432.7	413.2	389.8	362.5	339.1	311.8	288.5	261.2	230.0
-42.5°	456.1	436.6	417.1	397.6	378.1	354.7	331.3	304.0	280.7	253.4	222.2
-45°	436.6	421.0	405.4	389.8	370.3	346.9	319.6	292.3	269.0	241.7	218.3
-47.5°	424.9	409.3	393.7	382.0	366.4	335.2	311.8	284.6	257.3	233.9	206.6
-50°	413.2	397.6	385.9	370.3	350.8	323.5	300.1	272.9	249.5	222.2	198.8
-52.5°	401.5	385.9	370.3	354.7	335.2	311.8	288.5	265.1	237.8	210.5	187.1
-55°	389.8	374.2	358.6	343.0	323.5	304.0	280.7	249.5	222.2	194.9	171.5
-57.5°	378.1	366.4	346.9	327.4	307.9	288.5	261.2	233.9	206.6	179.3	159.8
-60°	362.5	346.9	331.3	307.9	288.5	265.1	241.7	218.3	191.0	167.6	148.1
-62.5°	339.1	323.5	307.9	284.6	265.1	245.6	226.1	198.8	179.3	155.9	136.4
-65°	311.8	296.2	280.7	261.2	241.7	222.2	206.6	183.2	163.7	144.2	128.6
-67.5°	280.7	265.1	253.4	233.9	218.3	198.8	183.2	163.7	144.2	128.6	113.0
-70°	241.7	230.0	218.3	202.7	187.1	171.5	155.9	140.3	124.7	113.0	97.4
-72.5°	206.6	194.9	183.2	171.5	159.8	144.2	132.5	120.8	109.1	97.4	89.7
-75°	167.6	159.8	152.0	144.2	132.5	120.8	113.0	101.3	93.6	85.8	81.9
-77.5°	140.3	132.5	124.7	116.9	109.1	101.3	93.6	85.8	81.9	78.0	74.1
-80°	113.0	109.1	105.2	97.4	93.6	85.8	81.9	74.1	74.1	74.1	74.1
-82.5°	89.7	85.8	81.9	78.0	74.1	70.2	70.2	66.3	70.2	70.2	66.3
-85°	62.4	58.5	54.6	54.6	50.7	50.7	46.8	46.8	46.8	42.9	42.9
-87.5°	27.3	27.3	27.3	27.3	23.4	23.4	23.4	23.4	23.4	19.5	19.5
-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: P724134  
 CATALOG NUMBER: IFLD-S-SA3D-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°	7.8	7.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9	0.0	0.0
85°	15.6	15.6	11.7	11.7	11.7	7.8	7.8	3.9	3.9	3.9	3.9
82.5°	35.1	31.2	27.3	23.4	19.5	15.6	11.7	7.8	7.8	3.9	3.9
80°	42.9	42.9	42.9	39.0	31.2	23.4	15.6	11.7	7.8	3.9	3.9
77.5°	31.2	31.2	35.1	39.0	39.0	31.2	19.5	11.7	7.8	7.8	3.9
75°	23.4	23.4	23.4	27.3	31.2	31.2	23.4	15.6	7.8	7.8	3.9
72.5°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	15.6	11.7	7.8	7.8
70°	19.5	19.5	19.5	19.5	19.5	19.5	19.5	15.6	11.7	7.8	7.8
67.5°	15.6	15.6	19.5	19.5	19.5	15.6	15.6	15.6	11.7	7.8	7.8
65°	11.7	15.6	15.6	19.5	15.6	15.6	15.6	11.7	11.7	7.8	7.8
62.5°	11.7	11.7	15.6	15.6	15.6	15.6	11.7	11.7	11.7	7.8	7.8
60°	11.7	11.7	11.7	15.6	11.7	11.7	11.7	11.7	11.7	7.8	7.8
57.5°	11.7	11.7	11.7	11.7	11.7	11.7	11.7	7.8	7.8	7.8	7.8
55°	11.7	11.7	11.7	11.7	11.7	11.7	7.8	7.8	7.8	7.8	7.8
52.5°	15.6	11.7	11.7	11.7	11.7	11.7	7.8	7.8	7.8	7.8	7.8
50°	19.5	11.7	11.7	11.7	11.7	7.8	7.8	7.8	7.8	7.8	7.8
47.5°	27.3	19.5	15.6	11.7	11.7	7.8	7.8	7.8	7.8	7.8	3.9
45°	39.0	27.3	19.5	15.6	11.7	7.8	7.8	7.8	7.8	7.8	3.9
42.5°	46.8	35.1	23.4	19.5	15.6	11.7	7.8	7.8	7.8	3.9	3.9
40°	58.5	46.8	31.2	23.4	15.6	11.7	7.8	7.8	7.8	3.9	3.9
37.5°	74.1	58.5	39.0	27.3	19.5	11.7	11.7	7.8	7.8	3.9	3.9
35°	85.8	66.3	50.7	31.2	23.4	15.6	11.7	7.8	7.8	3.9	3.9
32.5°	97.4	78.0	62.4	39.0	27.3	19.5	15.6	7.8	7.8	3.9	3.9
30°	109.1	89.7	70.2	50.7	35.1	23.4	15.6	7.8	7.8	3.9	3.9
27.5°	120.8	97.4	78.0	58.5	39.0	27.3	19.5	11.7	7.8	3.9	3.9
25°	132.5	109.1	85.8	66.3	42.9	31.2	19.5	11.7	7.8	7.8	3.9
22.5°	140.3	120.8	97.4	74.1	50.7	35.1	23.4	15.6	7.8	7.8	3.9
20°	152.0	132.5	105.2	81.9	58.5	39.0	23.4	15.6	7.8	7.8	3.9
17.5°	163.7	140.3	113.0	89.7	66.3	42.9	27.3	19.5	7.8	7.8	3.9
15°	175.4	148.1	120.8	93.6	70.2	46.8	27.3	19.5	7.8	7.8	3.9
12.5°	187.1	159.8	128.6	101.3	74.1	50.7	31.2	23.4	11.7	7.8	3.9
10°	194.9	167.6	136.4	105.2	78.0	58.5	35.1	23.4	11.7	7.8	3.9
7.5°	206.6	175.4	144.2	113.0	81.9	62.4	39.0	23.4	11.7	7.8	3.9
5°	210.5	183.2	148.1	120.8	85.8	66.3	42.9	27.3	11.7	7.8	3.9
2.5°	214.4	191.0	152.0	124.7	89.7	66.3	42.9	27.3	15.6	7.8	3.9
0°	218.3	194.9	155.9	128.6	93.6	70.2	46.8	27.3	15.6	7.8	3.9
-2.5°	222.2	198.8	163.7	132.5	97.4	74.1	50.7	27.3	15.6	7.8	3.9
-5°	226.1	198.8	171.5	136.4	101.3	74.1	50.7	31.2	19.5	7.8	3.9
-7.5°	230.0	202.7	175.4	140.3	105.2	74.1	54.6	31.2	19.5	11.7	3.9
-10°	233.9	206.6	179.3	144.2	105.2	78.0	54.6	31.2	19.5	11.7	3.9
-12.5°	237.8	210.5	179.3	144.2	109.1	78.0	54.6	35.1	19.5	11.7	3.9
-15°	241.7	210.5	179.3	144.2	109.1	81.9	58.5	35.1	19.5	11.7	7.8
-17.5°	241.7	210.5	179.3	148.1	109.1	81.9	58.5	35.1	19.5	11.7	7.8
-20°	241.7	210.5	179.3	148.1	109.1	81.9	58.5	35.1	19.5	11.7	7.8



REPORT NUMBER: P724134

CATALOG NUMBER: IFLD-S-SA3D-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°	237.8	206.6	179.3	144.2	109.1	81.9	58.5	35.1	23.4	11.7	7.8
-25°	237.8	206.6	179.3	144.2	109.1	81.9	54.6	35.1	23.4	11.7	7.8
-27.5°	233.9	206.6	175.4	140.3	105.2	78.0	54.6	35.1	23.4	11.7	7.8
-30°	230.0	202.7	171.5	136.4	105.2	78.0	54.6	35.1	23.4	11.7	7.8
-32.5°	226.1	194.9	167.6	132.5	101.3	74.1	54.6	35.1	23.4	11.7	7.8
-35°	218.3	191.0	159.8	128.6	97.4	74.1	50.7	35.1	23.4	15.6	7.8
-37.5°	210.5	183.2	155.9	124.7	93.6	70.2	50.7	35.1	23.4	15.6	7.8
-40°	202.7	179.3	148.1	116.9	89.7	66.3	50.7	35.1	23.4	15.6	11.7
-42.5°	194.9	171.5	144.2	113.0	89.7	66.3	46.8	35.1	23.4	15.6	11.7
-45°	191.0	167.6	136.4	109.1	85.8	66.3	46.8	31.2	23.4	15.6	11.7
-47.5°	183.2	155.9	128.6	105.2	81.9	62.4	42.9	31.2	23.4	15.6	11.7
-50°	171.5	148.1	124.7	101.3	78.0	58.5	42.9	31.2	23.4	15.6	11.7
-52.5°	159.8	136.4	116.9	93.6	74.1	58.5	42.9	31.2	23.4	15.6	11.7
-55°	148.1	128.6	109.1	89.7	70.2	54.6	39.0	31.2	23.4	15.6	11.7
-57.5°	140.3	120.8	101.3	81.9	66.3	50.7	39.0	27.3	19.5	15.6	11.7
-60°	132.5	113.0	93.6	78.0	62.4	50.7	39.0	27.3	19.5	15.6	7.8
-62.5°	120.8	105.2	85.8	74.1	58.5	46.8	35.1	27.3	19.5	15.6	7.8
-65°	109.1	93.6	78.0	66.3	54.6	42.9	35.1	27.3	19.5	15.6	7.8
-67.5°	97.4	85.8	74.1	62.4	50.7	42.9	35.1	27.3	19.5	11.7	7.8
-70°	89.7	78.0	66.3	58.5	50.7	39.0	35.1	27.3	19.5	11.7	7.8
-72.5°	78.0	70.2	62.4	54.6	46.8	42.9	35.1	27.3	15.6	11.7	7.8
-75°	74.1	66.3	58.5	54.6	50.7	42.9	35.1	23.4	15.6	11.7	7.8
-77.5°	74.1	66.3	62.4	58.5	50.7	42.9	31.2	19.5	11.7	11.7	7.8
-80°	74.1	70.2	66.3	54.6	46.8	35.1	23.4	19.5	11.7	7.8	3.9
-82.5°	66.3	54.6	46.8	39.0	35.1	27.3	19.5	15.6	7.8	7.8	3.9
-85°	42.9	35.1	31.2	27.3	23.4	19.5	11.7	7.8	7.8	3.9	3.9
-87.5°	19.5	19.5	15.6	11.7	11.7	7.8	7.8	3.9	3.9	3.9	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: P724134  
 CATALOG NUMBER: IFLD-S-SA3D-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°	3.9	0.0	0.0	0.0
77.5°	3.9	0.0	0.0	0.0
75°	3.9	3.9	0.0	0.0
72.5°	3.9	3.9	0.0	0.0
70°	3.9	3.9	0.0	0.0
67.5°	3.9	3.9	0.0	0.0
65°	3.9	3.9	0.0	0.0
62.5°	3.9	3.9	0.0	0.0
60°	3.9	3.9	0.0	0.0
57.5°	3.9	3.9	3.9	0.0
55°	3.9	3.9	3.9	0.0
52.5°	3.9	3.9	3.9	0.0
50°	3.9	3.9	3.9	0.0
47.5°	3.9	3.9	3.9	0.0
45°	3.9	3.9	3.9	0.0
42.5°	3.9	3.9	3.9	0.0
40°	3.9	3.9	3.9	0.0
37.5°	3.9	3.9	3.9	0.0
35°	3.9	3.9	3.9	0.0
32.5°	3.9	3.9	3.9	0.0
30°	3.9	3.9	3.9	0.0
27.5°	3.9	3.9	3.9	0.0
25°	3.9	3.9	3.9	0.0
22.5°	3.9	3.9	3.9	0.0
20°	3.9	3.9	3.9	0.0
17.5°	3.9	3.9	3.9	0.0
15°	3.9	3.9	3.9	0.0
12.5°	3.9	3.9	3.9	0.0
10°	3.9	3.9	3.9	0.0
7.5°	3.9	3.9	3.9	0.0
5°	3.9	3.9	3.9	0.0
2.5°	3.9	3.9	3.9	0.0
0°	3.9	3.9	3.9	0.0
-2.5°	3.9	3.9	3.9	0.0
-5°	3.9	3.9	3.9	0.0
-7.5°	3.9	3.9	3.9	0.0
-10°	3.9	3.9	3.9	0.0
-12.5°	3.9	3.9	3.9	0.0
-15°	3.9	3.9	3.9	0.0
-17.5°	3.9	3.9	3.9	0.0
-20°	3.9	3.9	3.9	0.0



REPORT NUMBER: P724134  
 CATALOG NUMBER: IFLD-S-SA3D-740-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	3.9	3.9	3.9	0.0
-25°	3.9	3.9	3.9	0.0
-27.5°	3.9	3.9	3.9	0.0
-30°	3.9	3.9	3.9	0.0
-32.5°	3.9	3.9	3.9	0.0
-35°	3.9	3.9	3.9	0.0
-37.5°	3.9	3.9	3.9	0.0
-40°	3.9	3.9	3.9	0.0
-42.5°	3.9	3.9	3.9	0.0
-45°	3.9	3.9	3.9	0.0
-47.5°	3.9	3.9	3.9	0.0
-50°	3.9	3.9	3.9	0.0
-52.5°	3.9	3.9	3.9	0.0
-55°	3.9	3.9	3.9	0.0
-57.5°	3.9	3.9	3.9	0.0
-60°	3.9	3.9	0.0	0.0
-62.5°	3.9	3.9	0.0	0.0
-65°	3.9	3.9	0.0	0.0
-67.5°	3.9	3.9	0.0	0.0
-70°	3.9	3.9	0.0	0.0
-72.5°	3.9	3.9	0.0	0.0
-75°	3.9	3.9	0.0	0.0
-77.5°	3.9	0.0	0.0	0.0
-80°	3.9	0.0	0.0	0.0
-82.5°	3.9	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)