

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P599525

Luminaire Tested: **IFLD-S-SA6A-750-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599525  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6A-750-U-SLL-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield  
 Light Source: (96) 5000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

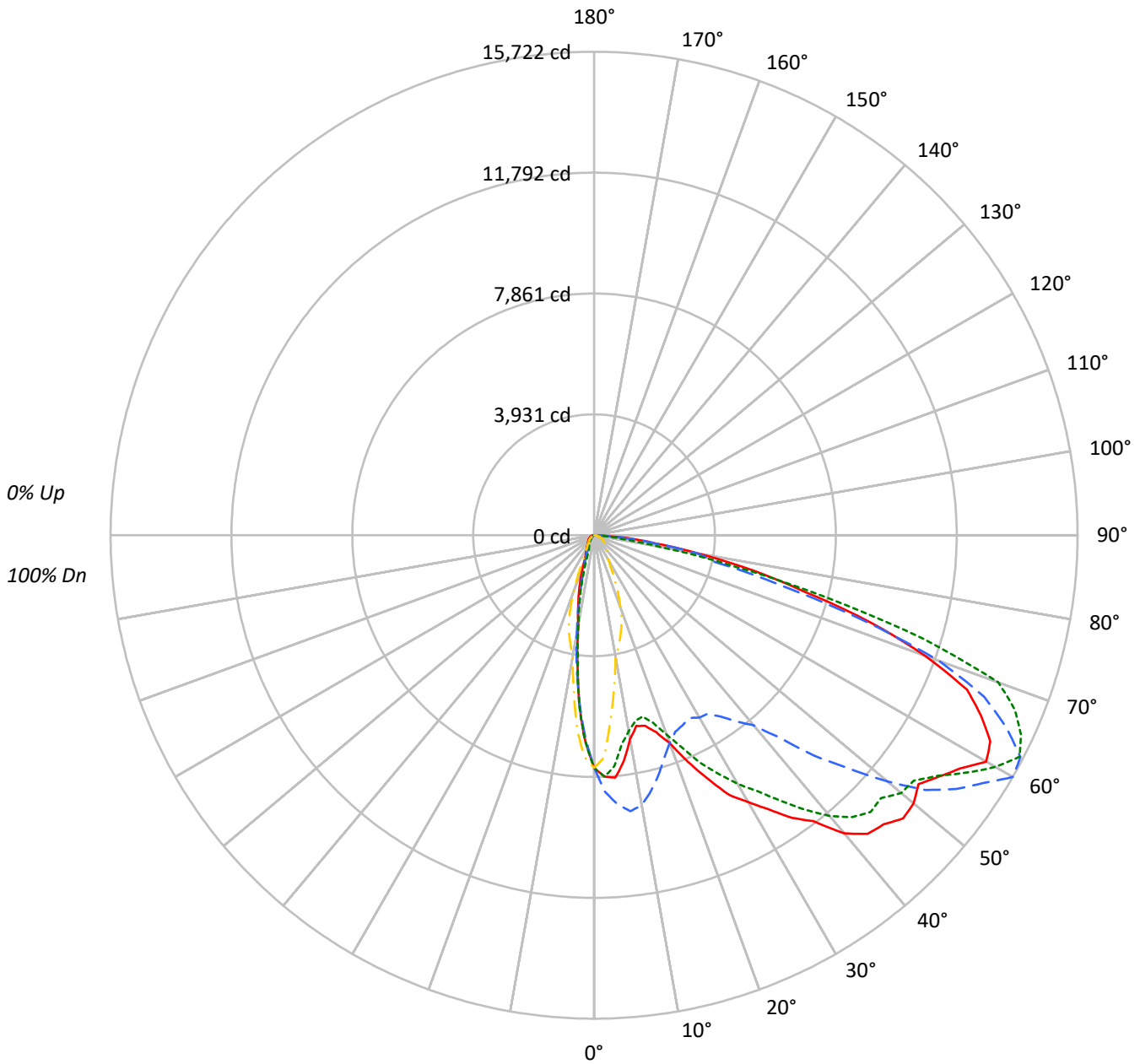
Lumens per Lamp: N/A  
 Luminaire Lumens: 20108.0 lumens  
 Efficiency: N/A  
 Efficacy: 106.1 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 189.6  
 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

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	GONIO 1 IN0055	4/22/2021	10/22/2021
Power Meter	XITRON 2801 IN0197	12/1/2020	12/1/2021
AC Power Source	CHROMA 61505 IN0196	12/1/2020	12/1/2021
DC Power Supply	AGILENT E3634A IN0198	11/30/2020	11/30/2021
Room Thermometer	ONSET IN0143	12/1/2020	12/1/2021

TEST NUMBER: P599525  
CATALOG NUMBER: IFLD-S-SA6A-750-U-SLL-HSS

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - · 90°-270°    - · - · 135°-315°

TEST NUMBER: P599525  
 CATALOG NUMBER: IFLD-S-SA6A-750-U-SLL-HSS

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100	
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79			79	
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61			61	
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48			48	
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39			39	
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32			32	
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27			27	
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23			23	
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20			20	
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18			18	
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16			16	

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	54254	54254	54254	54254
5°	57014	54267	39647	39878
10°	49026	47148	21676	21168
15°	47670	45317	14082	10611
20°	54947	52650	7545	3772
25°	69088	64624	4889	2934
30°	82980	77330	3960	2403
35°	98265	92197	3246	1929
40°	118558	111617	2867	1459
45°	134979	129094	2670	981
50°	151422	145548	2638	599
55°	171239	170635	2620	269
60°	211311	216320	2390	78
65°	235779	260031	2189	0
70°	240418	293481	2029	0
75°	195624	216469	1935	0
80°	142235	90534	1996	0
85°	91960	38022	2651	0

TEST NUMBER: P599525  
 CATALOG NUMBER: IFLD-S-SA6A-750-U-SLL-HSS

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	574.4	2.9
10°-20°	1126.3	5.6
20°-30°	1558.6	7.8
30°-40°	2202.7	11.0
40°-50°	2999.1	14.9
50°-60°	3972.1	19.8
60°-70°	4611.9	22.9
70°-80°	2611.7	13.0
80°-90°	451.3	2.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
<b>0°-30°</b>	<b>3259.3</b>	<b>16.2</b>
<b>0°-40°</b>	<b>5462.0</b>	<b>27.2</b>
<b>0°-60°</b>	<b>12433.2</b>	<b>61.8</b>
<b>0°-90°</b>	<b>20108.0</b>	<b>100.0</b>
90°-120°	0.0	0.0
90°-150°	0.0	0.0
<b>90°-180°</b>	<b>0.0</b>	<b>0.0</b>
<b>0°-180°</b>	<b>20108.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	7560	7560	7560	7560	7560	
5°	7915	7534	5504	5536	7915	711
15°	6417	6100	1896	1428	6417	1882
25°	8726	8162	618	370	8726	4070
35°	11217	10524	370	220	11217	7071
45°	13301	12721	263	97	13301	10312
55°	13687	13639	209	22	13687	12401
65°	13886	15314	129	0	13886	13536
75°	7056	7808	70	0	7056	7701
85°	1117	462	32	0	1117	1342
90°	0	0	0	0	0	

TEST NUMBER: P599525  
 CATALOG NUMBER: IFLD-S-SA6A-750-U-SLL-HSS

**CANDELA DISTRIBUTION (FULL):**

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5
2.5°	7855.8	8022.3	8027.6	8102.8	8178.0	8178.0	8355.2	8312.2	8156.5	8129.7	8016.9
5°	7914.9	7973.9	8016.9	8398.1	8720.3	8688.1	8784.7	8720.3	8419.6	8033.0	7769.9
7.5°	7404.7	7469.2	7641.0	8290.7	8725.7	8870.7	9053.2	8650.5	8333.7	7635.6	7130.9
10°	6728.2	6851.7	7168.5	7909.5	8446.5	8908.3	8908.3	8586.1	7973.9	7292.0	6674.5
12.5°	6352.3	6599.3	6771.1	7522.9	8220.9	8537.7	8527.0	8355.2	7957.8	7098.7	6400.6
15°	6416.7	6486.5	6851.7	7437.0	7898.8	7882.6	8076.0	8022.3	7743.0	7270.5	6502.6
17.5°	6712.1	6819.5	7136.3	7437.0	7657.1	7592.7	7587.3	7845.1	7861.2	7560.5	6883.9
20°	7195.3	7512.1	7662.5	7753.8	7485.3	7211.4	7179.2	7539.0	7818.2	7931.0	7340.3
22.5°	7968.6	8178.0	8484.0	8016.9	7318.8	6975.2	6910.7	7308.1	7871.9	8371.3	7931.0
25°	8725.7	8886.8	9182.1	8580.7	7506.8	6926.9	6814.1	7157.7	8076.0	8983.4	8645.1
27.5°	9525.8	9665.4	9697.6	8994.2	7608.8	6830.2	6696.0	7157.7	8247.8	9305.6	9498.9
30°	10014.4	10180.9	10213.1	9359.3	7775.3	6910.7	6846.3	7190.0	8365.9	9579.5	10111.1
32.5°	10562.1	10605.1	10578.2	9423.7	7957.8	7147.0	6878.5	7404.7	8500.2	9907.0	10669.5
35°	11217.2	11292.4	11018.5	9719.1	8365.9	7297.4	7200.7	7667.9	8731.1	10057.4	11346.1
37.5°	11716.6	11952.8	11335.3	9831.8	8446.5	7614.2	7630.3	8215.6	8892.1	10239.9	12092.5
40°	12656.3	12258.9	11872.3	10218.4	8752.5	8151.1	8065.2	8779.4	9434.5	10358.1	12581.1
42.5°	13171.8	12962.3	12081.7	10256.0	9225.1	8892.1	8913.6	9418.4	9719.1	10691.0	12715.3
45°	13300.6	13080.5	12366.3	10282.9	9692.2	9767.4	10137.9	10234.6	10137.9	10911.1	12967.7
47.5°	13628.2	13150.3	12334.1	10642.6	10449.3	10739.3	11211.8	11421.2	10707.1	10830.6	13085.8
50°	13563.7	13289.9	12264.3	10793.0	11372.9	12140.8	12457.6	12371.7	11340.7	10664.1	12957.0
52.5°	13295.3	12999.9	12479.1	11201.1	12237.4	13166.4	13606.7	13391.9	11904.5	11040.0	12871.1
55°	13687.2	13461.7	12758.3	11754.2	12887.2	14068.5	14379.9	14218.8	12597.2	11389.0	13359.7
57.5°	14111.4	14063.1	13515.4	12403.9	13655.0	14997.4	14997.4	14798.8	13198.6	11893.8	14084.6
60°	14723.6	14831.0	14073.9	12833.5	13918.1	14943.7	15722.3	15491.4	13805.4	12779.8	14906.2
62.5°	14524.9	14868.6	14793.4	13757.0	14218.8	15206.9	15631.1	15802.9	14557.1	13859.1	16001.6
65°	13885.9	14251.1	14788.0	14363.8	13993.3	14567.9	14782.7	15303.5	14933.0	14873.9	16452.6
67.5°	13123.4	13520.8	13853.7	14771.9	13536.9	13918.1	13730.2	13896.7	14524.9	15985.5	16710.4
70°	11458.8	11840.1	12366.3	13864.4	12328.7	11985.1	11936.7	11856.2	12833.5	15588.1	15539.8
72.5°	9423.7	9600.9	10470.8	11270.9	9123.0	9058.6	9133.8	9042.5	10175.5	14111.4	13311.4
75°	7055.7	7232.9	7726.9	8655.9	6212.7	5842.2	6271.8	6696.0	7769.9	10954.1	9563.3
77.5°	5305.2	5530.7	5842.2	6475.8	4558.8	3978.9	4038.0	4440.7	5616.7	8774.0	5358.9
80°	3441.9	3415.1	4016.5	4456.8	3431.2	3538.6	3388.3	3683.6	4070.2	4693.1	2738.5
82.5°	1986.8	2013.6	2266.0	2556.0	2389.5	2733.2	1970.7	3291.6	2905.0	1911.6	1020.2
85°	1116.9	1165.2	1396.1	1772.0	1498.1	1004.1	821.6	1632.4	1825.7	784.0	494.0
87.5°	112.8	96.7	187.9	671.2	408.1	166.5	247.0	392.0	440.3	295.3	145.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P599525  
 CATALOG NUMBER: IFLD-S-SA6A-750-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5
2.5°	7855.8	7855.8	7721.6	7496.0	7404.7	7243.7	7023.5	7093.3	7018.1	6744.3	6674.5
5°	7533.6	7275.9	6996.7	6653.0	6454.3	6046.2	5917.4	5686.5	5724.0	5493.2	5503.9
7.5°	6862.4	6658.4	6185.8	5734.8	5342.8	4988.4	4489.0	4301.1	4118.5	4027.2	4134.6
10°	6470.4	6089.2	5444.8	4854.2	4333.3	4016.5	3683.6	3425.8	3189.6	3012.4	2974.8
12.5°	6185.8	5847.6	5069.0	4349.4	3941.3	3683.6	3377.5	3023.1	2792.2	2486.1	2394.9
15°	6099.9	5686.5	4864.9	4150.7	3753.4	3329.2	2980.2	2631.1	2330.4	2008.2	1895.5
17.5°	6395.3	5917.4	4859.5	3989.7	3431.2	2974.8	2491.5	2099.5	1793.5	1498.1	1428.3
20°	6894.6	6164.4	5015.3	3893.0	3125.1	2513.0	1965.3	1573.3	1229.7	1036.3	988.0
22.5°	7463.8	6583.2	5031.4	3635.3	2819.1	2051.2	1433.7	1036.3	843.0	751.8	724.9
25°	8161.9	7254.4	5224.7	3425.8	2459.3	1557.2	1020.2	794.7	681.9	628.2	617.5
27.5°	8736.4	7721.6	5434.1	3205.7	2104.9	1154.5	800.1	649.7	590.7	537.0	531.6
30°	9332.5	8258.5	5493.2	3071.4	1798.8	950.4	687.3	574.6	510.1	483.3	477.9
32.5°	9853.3	8843.8	5681.1	2851.3	1508.9	837.7	622.9	515.5	472.5	429.6	424.2
35°	10524.5	9182.1	5772.4	2733.2	1401.5	757.1	569.2	472.5	408.1	381.2	370.5
37.5°	11244.1	9509.7	5831.4	2641.9	1310.2	708.8	537.0	445.7	386.6	349.0	338.3
40°	11915.3	9971.4	5745.5	2529.1	1240.4	649.7	515.5	413.5	359.8	322.2	306.1
42.5°	12430.7	10422.5	5718.7	2421.7	1165.2	628.2	488.6	397.4	338.3	295.3	290.0
45°	12720.7	10728.6	5530.7	2335.8	1106.1	639.0	477.9	375.9	322.2	284.6	263.1
47.5°	12650.9	10964.8	5579.1	2309.0	1025.6	596.0	472.5	359.8	295.3	263.1	247.0
50°	13037.5	11442.7	5498.5	2223.0	966.5	537.0	515.5	359.8	290.0	252.4	236.3
52.5°	13101.9	11877.7	5670.4	2067.3	875.3	494.0	510.1	354.4	279.2	241.6	220.2
55°	13638.9	12382.4	6003.3	1981.4	800.1	429.6	467.2	343.7	252.4	220.2	209.4
57.5°	14369.2	13429.5	6218.1	1900.9	698.1	375.9	392.0	338.3	230.9	204.0	187.9
60°	15072.6	13848.3	6234.2	1755.9	601.4	338.3	306.1	338.3	214.8	182.6	166.5
62.5°	15598.8	13848.3	6126.8	1632.4	526.2	300.7	268.5	322.2	193.3	161.1	150.4
65°	15314.2	13477.8	5847.6	1530.4	477.9	263.1	230.9	247.0	171.8	139.6	128.9
67.5°	14804.1	12323.3	5230.0	1406.8	472.5	230.9	198.7	182.6	150.4	123.5	112.8
70°	13987.9	10766.2	4354.8	1267.2	461.8	209.4	177.2	155.7	134.2	107.4	96.7
72.5°	11270.9	8892.1	3576.2	1186.7	451.1	182.6	150.4	134.2	112.8	91.3	80.5
75°	7807.5	5681.1	2754.6	1014.9	440.3	166.5	139.6	118.1	96.7	75.2	69.8
77.5°	4682.3	3796.3	1777.4	762.5	290.0	134.2	118.1	91.3	80.5	64.4	59.1
80°	2190.8	1793.5	719.5	295.3	139.6	96.7	80.5	69.8	64.4	53.7	48.3
82.5°	859.1	757.1	349.0	171.8	112.8	75.2	64.4	59.1	53.7	43.0	37.6
85°	461.8	408.1	166.5	118.1	80.5	53.7	53.7	48.3	43.0	37.6	32.2
87.5°	102.0	75.2	69.8	69.8	59.1	43.0	43.0	37.6	32.2	26.8	21.5
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5
2.5°	6636.9	6717.4	6588.6	6669.1	6556.3	6642.3	6653.0	6572.5	6593.9	6701.3	6749.7
5°	5654.2	5600.5	5482.4	5444.8	5450.2	5380.4	5407.2	5444.8	5503.9	5536.1	5632.8
7.5°	4075.6	4199.1	4193.7	4285.0	4290.4	4279.6	4204.4	4043.3	4097.0	4054.1	4107.8
10°	2915.7	2969.4	3071.4	3130.5	3237.9	3178.8	3007.0	2942.6	2910.4	2905.0	2958.7
12.5°	2330.4	2201.6	2190.8	2212.3	2266.0	2196.2	2110.3	2035.1	2072.7	2147.9	2206.9
15°	1804.2	1696.8	1557.2	1535.7	1546.5	1514.2	1423.0	1326.3	1353.2	1428.3	1471.3
17.5°	1385.4	1261.9	1165.2	1100.8	1079.3	966.5	832.3	751.8	730.3	724.9	762.5
20°	934.3	912.8	896.7	816.2	816.2	655.1	542.3	483.3	483.3	494.0	499.4
22.5°	698.1	671.2	676.6	660.5	617.5	488.6	429.6	413.5	413.5	424.2	424.2
25°	606.8	569.2	558.4	553.1	510.1	418.8	375.9	359.8	359.8	370.5	370.5
27.5°	515.5	504.7	488.6	467.2	429.6	359.8	332.9	316.8	322.2	327.5	322.2
30°	472.5	445.7	424.2	424.2	381.2	322.2	300.7	290.0	279.2	290.0	295.3
32.5°	418.8	402.7	392.0	375.9	327.5	284.6	263.1	252.4	247.0	247.0	252.4
35°	359.8	359.8	349.0	327.5	284.6	257.7	230.9	220.2	214.8	220.2	220.2
37.5°	322.2	306.1	311.4	290.0	252.4	225.5	198.7	187.9	187.9	182.6	187.9
40°	300.7	273.9	257.7	247.0	225.5	193.3	171.8	161.1	155.7	155.7	155.7
42.5°	268.5	247.0	214.8	209.4	204.0	166.5	139.6	134.2	128.9	123.5	123.5
45°	252.4	220.2	193.3	166.5	166.5	139.6	118.1	107.4	102.0	96.7	102.0
47.5°	230.9	198.7	166.5	139.6	134.2	112.8	91.3	80.5	75.2	75.2	75.2
50°	220.2	177.2	145.0	118.1	102.0	91.3	69.8	59.1	53.7	53.7	53.7
52.5°	204.0	166.5	128.9	102.0	80.5	69.8	53.7	43.0	37.6	37.6	37.6
55°	182.6	150.4	112.8	85.9	69.8	53.7	37.6	26.8	21.5	21.5	21.5
57.5°	171.8	134.2	96.7	75.2	53.7	37.6	21.5	16.1	16.1	10.7	16.1
60°	155.7	118.1	80.5	59.1	43.0	26.8	16.1	5.4	5.4	5.4	5.4
62.5°	134.2	102.0	69.8	48.3	32.2	16.1	5.4	0.0	0.0	0.0	0.0
65°	112.8	80.5	53.7	37.6	21.5	5.4	0.0	0.0	0.0	0.0	0.0
67.5°	96.7	69.8	43.0	26.8	16.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	85.9	59.1	32.2	21.5	5.4	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	69.8	48.3	26.8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	59.1	37.6	16.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	48.3	26.8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	37.6	21.5	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	32.2	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	21.5	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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



TEST NUMBER: P599525  
 CATALOG NUMBER: IFLD-S-SA6A-750-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5	7560.5
2.5°	6819.5	6787.2	6948.3	7211.4	7345.7	7608.8	7673.2	7839.7	7796.7	7855.8
5°	5643.5	5707.9	5944.2	6330.8	6470.4	6851.7	7211.4	7571.2	7802.1	7914.9
7.5°	4188.3	4403.1	4693.1	5047.5	5407.2	5906.6	6518.8	6937.6	7163.1	7404.7
10°	3119.8	3350.7	3683.6	4032.6	4617.9	5176.3	5788.5	6309.3	6502.6	6728.2
12.5°	2453.9	2813.7	3200.3	3576.2	3925.2	4456.8	5213.9	5971.1	6180.5	6352.3
15°	1707.5	2147.9	2700.9	3189.6	3678.2	4140.0	4924.0	5842.2	6126.8	6416.7
17.5°	945.1	1294.1	1927.7	2615.0	3334.6	4043.3	5020.6	6078.4	6508.0	6712.1
20°	547.7	687.3	1138.4	1954.6	2905.0	3833.9	5069.0	6524.1	7093.3	7195.3
22.5°	451.1	499.4	644.4	1224.3	2378.8	3699.7	5316.0	7147.0	7726.9	7968.6
25°	386.6	424.2	499.4	735.6	1798.8	3415.1	5471.7	7925.6	8462.6	8725.7
27.5°	343.7	381.2	440.3	542.3	1224.3	3023.1	5729.4	8629.0	9166.0	9525.8
30°	300.7	332.9	392.0	461.8	848.4	2582.8	5949.6	9144.5	9901.6	10014.4
32.5°	268.5	295.3	338.3	397.4	628.2	1959.9	6126.8	9676.1	10315.1	10562.1
35°	230.9	263.1	290.0	338.3	477.9	1476.7	6019.4	10089.6	10921.9	11217.2
37.5°	204.0	225.5	252.4	284.6	402.7	1154.5	5799.2	10583.6	11442.7	11716.6
40°	171.8	187.9	220.2	252.4	365.1	891.4	5546.8	11179.6	12173.0	12656.3
42.5°	145.0	161.1	182.6	236.3	300.7	660.5	5036.7	11641.4	12763.7	13171.8
45°	112.8	134.2	166.5	236.3	241.6	488.6	4510.5	11985.1	13096.6	13300.6
47.5°	85.9	107.4	161.1	204.0	193.3	338.3	3887.6	12377.0	13440.2	13628.2
50°	64.4	85.9	182.6	177.2	161.1	257.7	3495.6	12650.9	13461.7	13563.7
52.5°	43.0	64.4	150.4	134.2	134.2	225.5	3388.3	12640.2	13515.4	13295.3
55°	32.2	48.3	85.9	96.7	118.1	198.7	3291.6	13042.9	13531.5	13687.2
57.5°	21.5	37.6	59.1	75.2	102.0	171.8	3092.9	13526.2	14030.9	14111.4
60°	10.7	26.8	43.0	59.1	85.9	150.4	2813.7	13880.5	14637.7	14723.6
62.5°	5.4	16.1	32.2	48.3	69.8	118.1	2523.7	13316.7	14374.6	14524.9
65°	0.0	10.7	21.5	32.2	43.0	85.9	2051.2	12022.6	13332.8	13885.9
67.5°	0.0	0.0	10.7	21.5	26.8	64.4	1546.5	10938.0	12371.7	13123.4
70°	0.0	0.0	5.4	5.4	16.1	48.3	988.0	9058.6	11045.4	11458.8
72.5°	0.0	0.0	0.0	0.0	5.4	32.2	574.6	6728.2	8655.9	9423.7
75°	0.0	0.0	0.0	0.0	0.0	26.8	290.0	4327.9	6024.7	7055.7
77.5°	0.0	0.0	0.0	0.0	0.0	21.5	155.7	2792.2	4440.7	5305.2
80°	0.0	0.0	0.0	0.0	0.0	5.4	91.3	1621.6	2840.5	3441.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	37.6	794.7	1696.8	1986.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	10.7	424.2	848.4	1116.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.1	59.1	112.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)