

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: P599527

Luminaire Tested: **IFLD-S-SA6C-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: P599527  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6C-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**

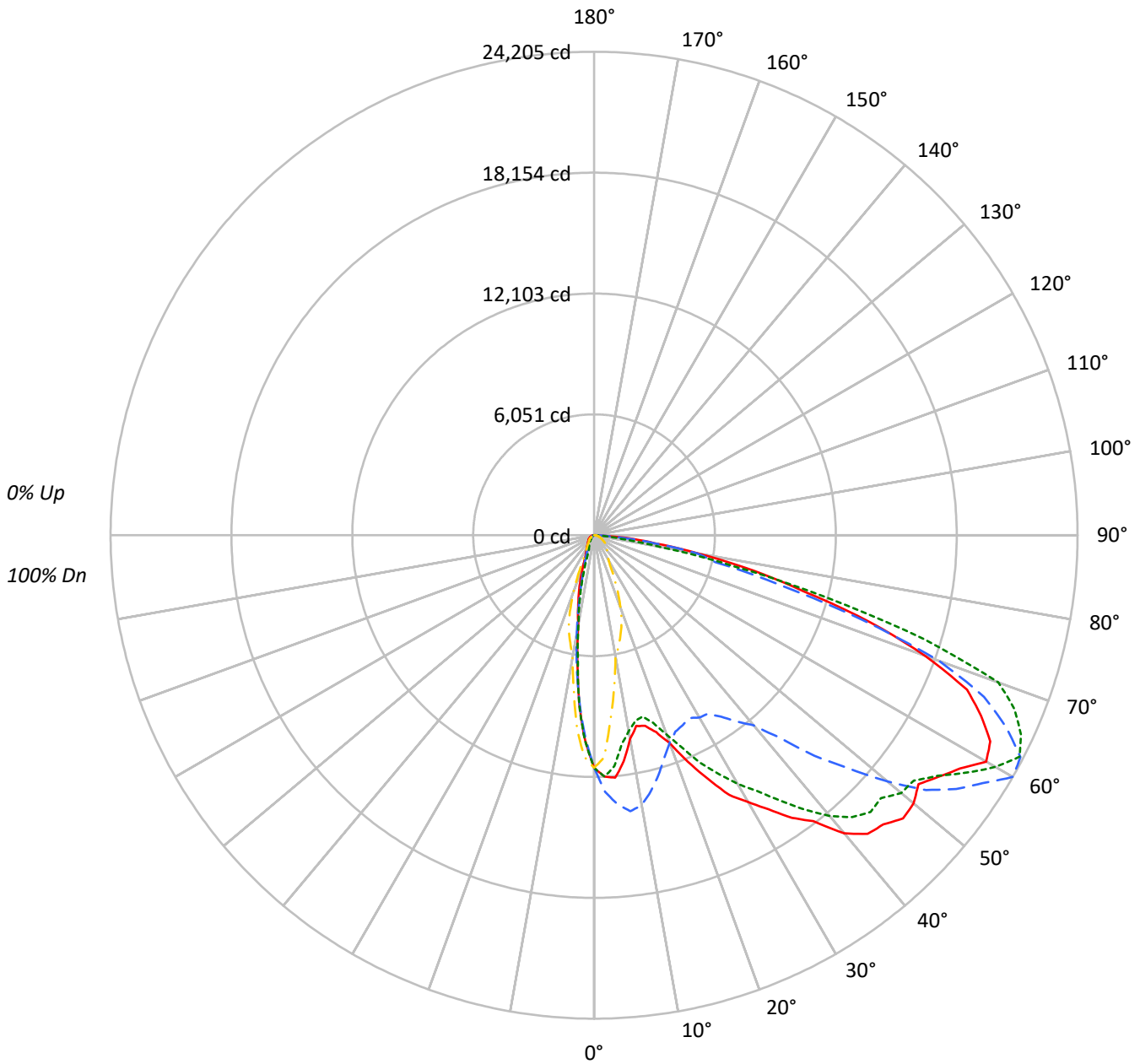
Lumens per Lamp: N/A  
 Luminaire Lumens: 30956.9 lumens  
 Efficiency: N/A  
 Efficacy: 96.3 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 321.5  
 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: P599527  
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### Luminous Intensity Polar Plot



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

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

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

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

	0°	90°	180°	270°
0°	83525	83525	83525	83525
5°	87774	83546	61037	61394
10°	75477	72585	33371	32588
15°	73390	69767	21680	16337
20°	84592	81057	11616	5808
25°	106363	99490	7527	4516
30°	127750	119051	6096	3699
35°	151282	141940	4997	2969
40°	182523	171837	4414	2245
45°	207804	198744	4111	1510
50°	233120	224075	4060	923
55°	263628	262697	4034	414
60°	325320	333031	3678	119
65°	362989	400326	3369	0
70°	370131	451825	3122	0
75°	301171	333258	2981	0
80°	218979	139380	3075	0
85°	141575	58532	4084	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	884.2	2.9
10°-20°	1734.0	5.6
20°-30°	2399.5	7.8
30°-40°	3391.2	11.0
40°-50°	4617.1	14.9
50°-60°	6115.1	19.8
60°-70°	7100.1	22.9
70°-80°	4020.8	13.0
80°-90°	694.7	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
0°-30°	5017.8	16.2
0°-40°	8408.9	27.2
0°-60°	19141.2	61.8
0°-90°	30956.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	30956.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	11640	11640	11640	11640	11640	
5°	12185	11598	8473	8523	12185	1094
15°	9879	9391	2918	2199	9879	2898
25°	13434	12565	951	570	13434	6265
35°	17269	16203	570	339	17269	10887
45°	20477	19584	405	149	20477	15875
55°	21072	20998	322	33	21072	19091
65°	21378	23577	198	0	21378	20839
75°	10862	12020	108	0	10862	11855
85°	1720	711	50	0	1720	2066
90°	0	0	0	0	0	

TEST NUMBER: P599527  
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**CANDELA DISTRIBUTION (FULL):**

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6
2.5°	12094.2	12350.5	12358.8	12474.5	12590.2	12590.2	12863.0	12796.9	12557.2	12515.8	12342.2
5°	12185.2	12276.1	12342.2	12929.2	13425.2	13375.6	13524.4	13425.2	12962.2	12367.0	11962.0
7.5°	11399.8	11499.0	11763.6	12763.8	13433.5	13656.7	13937.7	13317.7	12830.0	11755.3	10978.2
10°	10358.2	10548.4	11036.1	12176.9	13003.6	13714.5	13714.5	13218.5	12276.1	11226.2	10275.6
12.5°	9779.6	10159.8	10424.4	11581.7	12656.4	13144.1	13127.6	12863.0	12251.3	10928.6	9854.0
15°	9878.8	9986.2	10548.4	11449.4	12160.4	12135.6	12433.2	12350.5	11920.6	11193.2	10011.0
17.5°	10333.4	10498.8	10986.5	11449.4	11788.4	11689.2	11680.9	12077.7	12102.5	11639.6	10598.0
20°	11077.4	11565.2	11796.6	11937.2	11523.8	11102.2	11052.6	11606.5	12036.4	12210.0	11300.6
22.5°	12267.8	12590.2	13061.4	12342.2	11267.6	10738.5	10639.3	11251.0	12119.0	12887.8	12210.0
25°	13433.5	13681.5	14136.1	13210.2	11556.9	10664.1	10490.5	11019.6	12433.2	13830.3	13309.4
27.5°	14665.2	14880.1	14929.7	13846.8	11714.0	10515.3	10308.6	11019.6	12697.7	14326.3	14623.9
30°	15417.5	15673.7	15723.3	14408.9	11970.2	10639.3	10540.1	11069.2	12879.6	14747.9	15566.3
32.5°	16260.7	16326.8	16285.5	14508.1	12251.3	11003.0	10589.7	11399.8	13086.2	15252.1	16426.0
35°	17269.2	17385.0	16963.3	14962.8	12879.6	11234.5	11085.7	11804.9	13441.7	15483.6	17467.6
37.5°	18038.0	18401.8	17451.1	15136.4	13003.6	11722.2	11747.0	12648.1	13689.7	15764.7	18616.7
40°	19484.7	18873.0	18277.8	15731.6	13474.8	12548.9	12416.6	13516.1	14524.7	15946.5	19369.0
42.5°	20278.3	19955.9	18600.2	15789.5	14202.3	13689.7	13722.8	14499.9	14962.8	16459.1	19575.6
45°	20476.7	20137.8	19038.3	15830.8	14921.5	15037.2	15607.6	15756.4	15607.6	16798.0	19964.2
47.5°	20981.0	20245.2	18988.7	16384.7	16087.1	16533.5	17261.0	17583.4	16483.9	16674.0	20146.0
50°	20881.8	20460.2	18881.2	16616.1	17509.0	18691.1	19178.8	19046.6	17459.4	16417.7	19947.6
52.5°	20468.4	20013.8	19211.9	17244.4	18839.9	20270.0	20947.9	20617.2	18327.4	16996.4	19815.4
55°	21071.9	20724.7	19641.8	18095.9	19840.2	21658.9	22138.3	21890.3	19393.8	17533.8	20567.6
57.5°	21725.0	21650.6	20807.4	19096.2	21022.3	23089.0	23089.0	22783.1	20319.6	18310.8	21683.7
60°	22667.4	22832.7	21667.1	19757.5	21427.4	23006.3	24205.0	23849.5	21253.8	19674.8	22948.5
62.5°	22361.5	22890.6	22774.9	21179.4	21890.3	23411.4	24064.5	24329.0	22411.1	21336.5	24634.9
65°	21377.8	21939.9	22766.6	22113.5	21543.1	22427.7	22758.3	23560.2	22989.8	22898.9	25329.3
67.5°	20203.9	20815.6	21328.2	22741.8	20840.4	21427.4	21138.1	21394.3	22361.5	24610.1	25726.1
70°	17641.2	18228.2	19038.3	21344.7	18980.4	18451.4	18377.0	18253.0	19757.5	23998.3	23923.9
72.5°	14508.1	14780.9	16120.1	17351.9	14045.2	13946.0	14061.7	13921.2	15665.5	21725.0	20493.2
75°	10862.5	11135.3	11895.8	13326.0	9564.6	8994.2	9655.6	10308.6	11962.0	16864.1	14723.1
77.5°	8167.5	8514.7	8994.2	9969.7	7018.5	6125.7	6216.6	6836.6	8647.0	13507.9	8250.2
80°	5299.0	5257.6	6183.5	6861.4	5282.4	5447.8	5216.3	5671.0	6266.2	7225.1	4216.0
82.5°	3058.7	3100.0	3488.6	3935.0	3678.7	4207.8	3033.9	5067.5	4472.3	2943.0	1570.7
85°	1719.5	1793.9	2149.4	2728.0	2306.4	1545.9	1264.8	2513.1	2810.7	1206.9	760.5
87.5°	173.6	148.8	289.3	1033.3	628.3	256.3	380.3	603.5	677.9	454.7	223.2
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: P599527  
 CATALOG NUMBER: IFLD-S-SA6C-750-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6
2.5°	12094.2	12094.2	11887.6	11540.4	11399.8	11151.8	10812.9	10920.4	10804.6	10383.0	10275.6
5°	11598.2	11201.4	10771.6	10242.5	9936.6	9308.3	9109.9	8754.5	8812.3	8456.9	8473.4
7.5°	10564.9	10250.8	9523.3	8828.9	8225.4	7679.8	6911.0	6621.7	6340.6	6200.1	6365.4
10°	9961.4	9374.5	8382.5	7473.1	6671.3	6183.5	5671.0	5274.2	4910.4	4637.6	4579.8
12.5°	9523.3	9002.5	7803.8	6696.1	6067.8	5671.0	5199.8	4654.2	4298.7	3827.5	3687.0
15°	9391.0	8754.5	7489.7	6390.2	5778.5	5125.4	4588.0	4050.7	3587.8	3091.8	2918.2
17.5°	9845.7	9109.9	7481.4	6142.2	5282.4	4579.8	3835.8	3232.3	2761.1	2306.4	2199.0
20°	10614.5	9490.2	7721.1	5993.4	4811.2	3868.8	3025.6	2422.2	1893.1	1595.5	1521.1
22.5°	11490.8	10135.0	7745.9	5596.6	4340.0	3157.9	2207.2	1595.5	1297.9	1157.3	1116.0
25°	12565.4	11168.4	8043.5	5274.2	3786.2	2397.4	1570.7	1223.5	1049.9	967.2	950.7
27.5°	13450.0	11887.6	8365.9	4935.2	3240.6	1777.3	1231.7	1000.3	909.3	826.7	818.4
30°	14367.6	12714.2	8456.9	4728.6	2769.4	1463.2	1058.1	884.5	785.3	744.0	735.7
32.5°	15169.5	13615.3	8746.2	4389.6	2323.0	1289.6	958.9	793.6	727.5	661.3	653.1
35°	16202.8	14136.1	8886.7	4207.8	2157.6	1165.6	876.3	727.5	628.3	586.9	570.4
37.5°	17310.6	14640.4	8977.7	4067.2	2017.1	1091.2	826.7	686.1	595.2	537.3	520.8
40°	18343.9	15351.3	8845.4	3893.6	1909.6	1000.3	793.6	636.5	553.9	496.0	471.2
42.5°	19137.5	16045.7	8804.1	3728.3	1793.9	967.2	752.3	611.7	520.8	454.7	446.4
45°	19583.9	16516.9	8514.7	3596.0	1702.9	983.7	735.7	578.7	496.0	438.1	405.1
47.5°	19476.4	16880.7	8589.1	3554.7	1578.9	917.6	727.5	553.9	454.7	405.1	380.3
50°	20071.6	17616.4	8465.1	3422.4	1488.0	826.7	793.6	553.9	446.4	388.5	363.7
52.5°	20170.8	18286.0	8729.7	3182.7	1347.5	760.5	785.3	545.6	429.9	372.0	338.9
55°	20997.5	19063.1	9242.2	3050.4	1231.7	661.3	719.2	529.1	388.5	338.9	322.4
57.5°	22121.8	20675.1	9572.9	2926.4	1074.7	578.7	603.5	520.8	355.5	314.1	289.3
60°	23204.7	21319.9	9597.7	2703.2	925.9	520.8	471.2	520.8	330.7	281.1	256.3
62.5°	24014.9	21319.9	9432.3	2513.1	810.1	462.9	413.3	496.0	297.6	248.0	231.5
65°	23576.7	20749.5	9002.5	2356.0	735.7	405.1	355.5	380.3	264.5	214.9	198.4
67.5°	22791.4	18972.2	8051.8	2165.9	727.5	355.5	305.9	281.1	231.5	190.1	173.6
70°	21534.9	16574.8	6704.3	1951.0	710.9	322.4	272.8	239.7	206.7	165.3	148.8
72.5°	17351.9	13689.7	5505.6	1826.9	694.4	281.1	231.5	206.7	173.6	140.5	124.0
75°	12019.8	8746.2	4240.8	1562.4	677.9	256.3	214.9	181.9	148.8	115.7	107.5
77.5°	7208.6	5844.6	2736.3	1173.9	446.4	206.7	181.9	140.5	124.0	99.2	90.9
80°	3372.8	2761.1	1107.7	454.7	214.9	148.8	124.0	107.5	99.2	82.7	74.4
82.5°	1322.7	1165.6	537.3	264.5	173.6	115.7	99.2	90.9	82.7	66.1	57.9
85°	710.9	628.3	256.3	181.9	124.0	82.7	82.7	74.4	66.1	57.9	49.6
87.5°	157.1	115.7	107.5	107.5	90.9	66.1	66.1	57.9	49.6	41.3	33.1
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°	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6
2.5°	10217.7	10341.7	10143.3	10267.3	10093.7	10226.0	10242.5	10118.5	10151.6	10316.9	10391.3
5°	8704.9	8622.2	8440.3	8382.5	8390.7	8283.3	8324.6	8382.5	8473.4	8523.0	8671.8
7.5°	6274.5	6464.6	6456.3	6596.9	6605.1	6588.6	6472.9	6224.9	6307.5	6241.4	6324.1
10°	4488.8	4571.5	4728.6	4819.5	4984.8	4893.9	4629.4	4530.2	4480.6	4472.3	4555.0
12.5°	3587.8	3389.4	3372.8	3405.9	3488.6	3381.1	3248.8	3133.1	3191.0	3306.7	3397.6
15°	2777.6	2612.3	2397.4	2364.3	2380.8	2331.2	2190.7	2041.9	2083.2	2199.0	2265.1
17.5°	2132.8	1942.7	1793.9	1694.7	1661.6	1488.0	1281.3	1157.3	1124.3	1116.0	1173.9
20°	1438.4	1405.3	1380.5	1256.5	1256.5	1008.5	834.9	744.0	744.0	760.5	768.8
22.5°	1074.7	1033.3	1041.6	1016.8	950.7	752.3	661.3	636.5	636.5	653.1	653.1
25°	934.1	876.3	859.7	851.5	785.3	644.8	578.7	553.9	553.9	570.4	570.4
27.5°	793.6	777.1	752.3	719.2	661.3	553.9	512.5	487.7	496.0	504.3	496.0
30°	727.5	686.1	653.1	653.1	586.9	496.0	462.9	446.4	429.9	446.4	454.7
32.5°	644.8	620.0	603.5	578.7	504.3	438.1	405.1	388.5	380.3	380.3	388.5
35°	553.9	553.9	537.3	504.3	438.1	396.8	355.5	338.9	330.7	338.9	338.9
37.5°	496.0	471.2	479.5	446.4	388.5	347.2	305.9	289.3	289.3	281.1	289.3
40°	462.9	421.6	396.8	380.3	347.2	297.6	264.5	248.0	239.7	239.7	239.7
42.5°	413.3	380.3	330.7	322.4	314.1	256.3	214.9	206.7	198.4	190.1	190.1
45°	388.5	338.9	297.6	256.3	256.3	214.9	181.9	165.3	157.1	148.8	157.1
47.5°	355.5	305.9	256.3	214.9	206.7	173.6	140.5	124.0	115.7	115.7	115.7
50°	338.9	272.8	223.2	181.9	157.1	140.5	107.5	90.9	82.7	82.7	82.7
52.5°	314.1	256.3	198.4	157.1	124.0	107.5	82.7	66.1	57.9	57.9	57.9
55°	281.1	231.5	173.6	132.3	107.5	82.7	57.9	41.3	33.1	33.1	33.1
57.5°	264.5	206.7	148.8	115.7	82.7	57.9	33.1	24.8	24.8	16.5	24.8
60°	239.7	181.9	124.0	90.9	66.1	41.3	24.8	8.3	8.3	8.3	8.3
62.5°	206.7	157.1	107.5	74.4	49.6	24.8	8.3	0.0	0.0	0.0	0.0
65°	173.6	124.0	82.7	57.9	33.1	8.3	0.0	0.0	0.0	0.0	0.0
67.5°	148.8	107.5	66.1	41.3	24.8	0.0	0.0	0.0	0.0	0.0	0.0
70°	132.3	90.9	49.6	33.1	8.3	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	107.5	74.4	41.3	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	90.9	57.9	24.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	74.4	41.3	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	57.9	33.1	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	49.6	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	33.1	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.8	8.3	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: P599527  
 CATALOG NUMBER: IFLD-S-SA6C-750-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6	11639.6
2.5°	10498.8	10449.2	10697.2	11102.2	11308.9	11714.0	11813.2	12069.4	12003.3	12094.2
5°	8688.3	8787.5	9151.3	9746.5	9961.4	10548.4	11102.2	11656.1	12011.6	12185.2
7.5°	6448.1	6778.7	7225.1	7770.7	8324.6	9093.4	10035.8	10680.6	11027.8	11399.8
10°	4803.0	5158.4	5671.0	6208.3	7109.4	7969.1	8911.5	9713.4	10011.0	10358.2
12.5°	3777.9	4331.8	4927.0	5505.6	6043.0	6861.4	8027.0	9192.6	9515.0	9779.6
15°	2628.8	3306.7	4158.2	4910.4	5662.7	6373.7	7580.6	8994.2	9432.3	9878.8
17.5°	1454.9	1992.3	2967.8	4025.9	5133.6	6224.9	7729.4	9357.9	10019.3	10333.4
20°	843.2	1058.1	1752.5	3009.1	4472.3	5902.5	7803.8	10044.1	10920.4	11077.4
22.5°	694.4	768.8	992.0	1884.8	3662.2	5695.8	8184.1	11003.0	11895.8	12267.8
25°	595.2	653.1	768.8	1132.5	2769.4	5257.6	8423.8	12201.7	13028.4	13433.5
27.5°	529.1	586.9	677.9	834.9	1884.8	4654.2	8820.6	13284.6	14111.3	14665.2
30°	462.9	512.5	603.5	710.9	1306.1	3976.3	9159.5	14078.3	15243.9	15417.5
32.5°	413.3	454.7	520.8	611.7	967.2	3017.4	9432.3	14896.7	15880.4	16260.7
35°	355.5	405.1	446.4	520.8	735.7	2273.4	9267.0	15533.2	16814.5	17269.2
37.5°	314.1	347.2	388.5	438.1	620.0	1777.3	8928.1	16293.7	17616.4	18038.0
40°	264.5	289.3	338.9	388.5	562.1	1372.3	8539.5	17211.3	18740.7	19484.7
42.5°	223.2	248.0	281.1	363.7	462.9	1016.8	7754.2	17922.3	19650.0	20278.3
45°	173.6	206.7	256.3	363.7	372.0	752.3	6944.1	18451.4	20162.6	20476.7
47.5°	132.3	165.3	248.0	314.1	297.6	520.8	5985.1	19054.8	20691.6	20981.0
50°	99.2	132.3	281.1	272.8	248.0	396.8	5381.6	19476.4	20724.7	20881.8
52.5°	66.1	99.2	231.5	206.7	206.7	347.2	5216.3	19459.9	20807.4	20468.4
55°	49.6	74.4	132.3	148.8	181.9	305.9	5067.5	20079.9	20832.2	21071.9
57.5°	33.1	57.9	90.9	115.7	157.1	264.5	4761.6	20823.9	21601.0	21725.0
60°	16.5	41.3	66.1	90.9	132.3	231.5	4331.8	21369.5	22535.1	22667.4
62.5°	8.3	24.8	49.6	74.4	107.5	181.9	3885.4	20501.5	22130.1	22361.5
65°	0.0	16.5	33.1	49.6	66.1	132.3	3157.9	18509.2	20526.3	21377.8
67.5°	0.0	0.0	16.5	33.1	41.3	99.2	2380.8	16839.3	19046.6	20203.9
70°	0.0	0.0	8.3	8.3	24.8	74.4	1521.1	13946.0	17004.7	17641.2
72.5°	0.0	0.0	0.0	0.0	8.3	49.6	884.5	10358.2	13326.0	14508.1
75°	0.0	0.0	0.0	0.0	0.0	41.3	446.4	6663.0	9275.3	10862.5
77.5°	0.0	0.0	0.0	0.0	0.0	33.1	239.7	4298.7	6836.6	8167.5
80°	0.0	0.0	0.0	0.0	0.0	8.3	140.5	2496.6	4373.1	5299.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	57.9	1223.5	2612.3	3058.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	16.5	653.1	1306.1	1719.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8	90.9	173.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)