

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: P599148

Luminaire Tested: **IFLD-S-SA6A-727-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599148  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6A-727-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (96) 2700K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

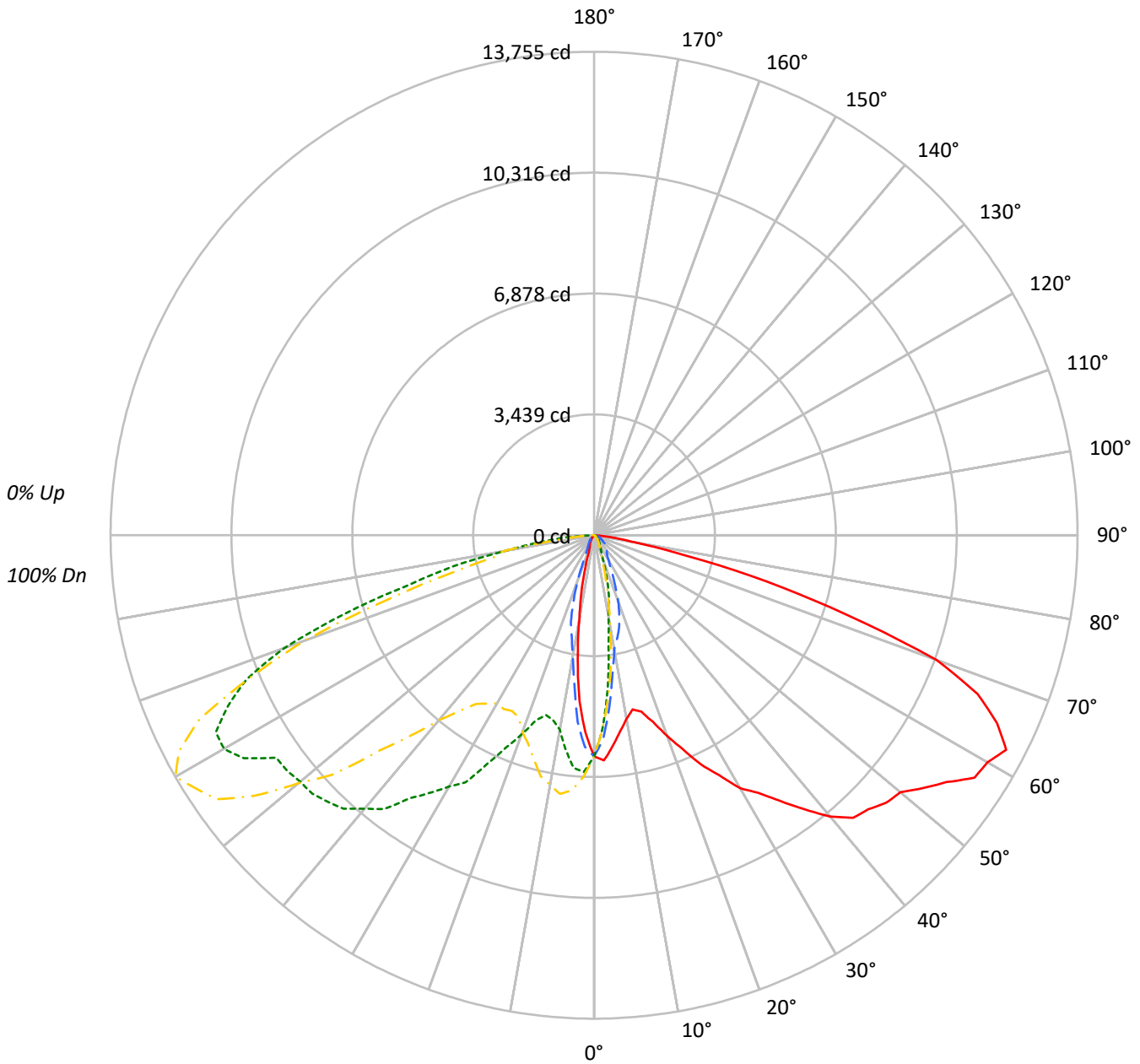
Lumens per Lamp: N/A  
 Luminaire Lumens: 16441.6 lumens  
 Efficiency: N/A  
 Efficacy: 86.7 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

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

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### Luminous Intensity Polar Plot



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

TEST NUMBER: P599148  
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**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	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79			79	
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62			62	
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49			49	
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40			40	
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33			33	
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27			27	
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24			24	
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20			20	
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18			18	
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16			16	

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

	0°	90°	180°	270°
0°	45105	45105	45105	45105
5°	43425	31739	34166	47863
10°	38663	17280	17506	40924
15°	38595	11526	7047	39320
20°	46341	5755	2809	46070
25°	56998	3615	2176	56717
30°	68868	2902	1653	68428
35°	80809	2330	1282	79993
40°	97830	1993	831	95131
45°	111922	1799	450	108817
50°	126981	1732	99	121785
55°	153173	1664	0	138089
60°	185446	1399	0	174440
65°	214734	1129	0	195165
70°	217441	929	0	196794
75°	140722	616	0	150922
80°	47994	182	0	106795
85°	24091	0	0	78465

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	476.1	2.9
10°-20°	922.0	5.6
20°-30°	1284.1	7.8
30°-40°	1824.5	11.1
40°-50°	2530.1	15.4
50°-60°	3447.4	21.0
60°-70°	3790.2	23.1
70°-80°	1862.9	11.3
80°-90°	304.2	1.9
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°	2682.2	16.3
0°-40°	4506.8	27.4
0°-60°	10484.3	63.8
0°-90°	16441.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16441.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	6286	6286	6286	6286	6286	
5°	6028	4406	4743	6645	6028	552
15°	5195	1552	949	5293	5195	1538
25°	7199	457	275	7163	7199	3347
35°	9224	266	146	9131	9224	5855
45°	11029	177	44	10723	11029	8549
55°	12243	133	0	11038	12243	11013
65°	12646	66	0	11494	12646	12221
75°	5076	22	0	5443	5076	5533
85°	293	0	0	953	293	405
90°	0	0	0	0	0	

TEST NUMBER: P599148  
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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6
2.5°	6414.1	6489.5	6418.6	6170.3	6126.0	6006.3	5824.6	5811.3	5620.7	5642.8	5540.9
5°	6028.5	6103.9	5953.1	5625.1	5319.3	5075.5	4929.2	4667.7	4610.0	4481.5	4481.5
7.5°	5634.0	5629.6	5372.5	5097.6	4641.1	4193.4	3989.4	3612.7	3391.0	3271.3	3156.1
10°	5306.0	5235.0	5075.5	4508.1	4011.6	3546.2	3293.5	3045.3	2814.8	2615.3	2415.8
12.5°	5075.5	5119.8	4867.1	4251.0	3608.2	3284.6	3014.2	2752.7	2477.9	2251.8	2030.2
15°	5195.1	5124.2	4827.2	4193.4	3541.7	3098.5	2739.4	2420.3	2114.4	1817.4	1649.0
17.5°	5567.5	5385.8	5035.6	4193.4	3404.3	2814.8	2380.4	2003.6	1675.6	1409.6	1201.3
20°	6068.4	5860.1	5483.3	4348.5	3302.4	2606.4	2012.5	1538.2	1196.8	948.6	789.0
22.5°	6582.6	6418.6	5851.2	4410.6	3182.7	2327.2	1586.9	1112.6	797.9	638.3	558.5
25°	7198.7	6968.2	6347.7	4658.8	3005.4	2056.8	1250.0	775.7	594.0	509.8	461.0
27.5°	7690.8	7650.9	6813.1	4809.5	2872.4	1835.1	988.5	616.1	492.0	430.0	398.9
30°	8311.3	8094.1	7380.5	5110.9	2721.7	1582.5	824.5	554.1	452.1	385.6	363.5
32.5°	8683.7	8581.7	7677.5	5279.4	2553.2	1374.1	709.2	487.6	412.2	363.5	341.3
35°	9224.5	9020.6	8103.0	5385.8	2464.6	1254.5	638.3	443.3	345.8	297.0	270.4
37.5°	9827.3	9752.0	8612.8	5381.3	2336.0	1183.5	589.6	412.2	328.0	274.8	243.8
40°	10443.5	10137.6	8923.1	5505.4	2269.6	1130.3	554.1	394.5	310.3	261.5	221.6
42.5°	10904.5	10554.3	9282.1	5461.1	2189.8	1037.3	540.8	367.9	297.0	239.4	203.9
45°	11028.6	10904.5	9605.7	5447.8	2132.1	961.9	518.6	363.5	288.1	226.1	190.6
47.5°	11268.0	11183.7	10004.6	5470.0	2087.8	904.3	465.4	372.3	274.8	212.8	181.7
50°	11374.4	11223.6	10328.2	5523.2	1985.9	833.4	416.7	390.1	270.4	208.3	172.9
52.5°	11813.2	11680.2	10771.5	5673.9	1901.6	740.3	367.9	372.3	279.3	195.0	164.0
55°	12243.2	12092.5	11454.1	6019.6	1782.0	664.9	314.7	328.0	266.0	177.3	146.3
57.5°	12832.7	12584.5	11910.7	6161.5	1675.6	563.0	279.3	270.4	248.2	159.6	128.5
60°	12921.4	13023.3	11844.2	6072.8	1564.7	496.5	243.8	208.3	266.0	141.8	110.8
62.5°	13218.4	12792.8	11533.9	5868.9	1485.0	456.6	217.2	172.9	230.5	124.1	93.1
65°	12646.5	12331.8	10807.0	5212.9	1383.0	461.0	190.6	141.8	146.3	102.0	75.4
67.5°	11808.8	11560.5	9601.3	4499.2	1281.1	452.1	168.4	124.1	110.8	88.7	66.5
70°	10363.7	9827.3	8156.2	3652.6	1130.3	421.1	141.8	110.8	93.1	70.9	48.8
72.5°	7540.1	7322.8	5851.2	2823.6	1015.1	381.2	133.0	93.1	79.8	53.2	39.9
75°	5075.5	4716.4	3692.5	1852.9	815.6	332.5	110.8	84.2	62.1	39.9	31.0
77.5°	2681.8	2535.5	2092.2	882.1	452.1	155.1	62.1	48.8	35.5	31.0	17.7
80°	1161.4	1032.8	904.3	359.1	159.6	70.9	39.9	26.6	22.2	17.7	8.9
82.5°	594.0	567.4	469.9	155.1	93.1	53.2	22.2	17.7	13.3	8.9	4.4
85°	292.6	301.4	248.2	48.8	53.2	31.0	4.4	4.4	0.0	0.0	0.0
87.5°	22.2	22.2	17.7	8.9	13.3	4.4	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

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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6
2.5°	5501.0	5563.1	5456.7	5523.2	5492.1	5505.4	5518.7	5483.3	5492.1	5616.3	5620.7
5°	4406.1	4525.8	4481.5	4543.5	4649.9	4596.7	4645.5	4636.6	4645.5	4663.2	4743.0
7.5°	3142.8	3107.3	3191.6	3355.6	3546.2	3661.4	3603.8	3572.8	3555.0	3510.7	3563.9
10°	2371.5	2353.8	2331.6	2380.4	2504.5	2633.0	2704.0	2584.3	2517.8	2433.6	2402.5
12.5°	1968.1	1857.3	1795.3	1719.9	1755.4	1870.6	1875.0	1759.8	1653.4	1609.1	1657.8
15°	1551.5	1476.1	1365.3	1258.9	1205.7	1294.4	1219.0	1108.2	970.8	953.0	948.6
17.5°	1108.2	1063.9	984.1	939.7	877.7	855.5	775.7	607.3	509.8	483.2	492.0
20°	753.6	718.1	713.7	673.8	647.2	629.4	500.9	390.1	359.1	363.5	367.9
22.5°	558.5	540.8	518.6	514.2	492.0	469.9	367.9	328.0	305.9	305.9	319.2
25°	456.6	447.7	425.5	416.7	407.8	376.8	310.3	279.3	270.4	261.5	274.8
27.5°	390.1	385.6	372.3	359.1	350.2	319.2	270.4	243.8	234.9	234.9	234.9
30°	350.2	350.2	332.5	305.9	305.9	270.4	230.5	212.8	203.9	203.9	199.5
32.5°	328.0	319.2	297.0	279.3	266.0	230.5	203.9	186.2	172.9	172.9	177.3
35°	266.0	266.0	261.5	248.2	230.5	195.0	172.9	155.1	146.3	141.8	146.3
37.5°	234.9	221.6	203.9	208.3	199.5	168.4	146.3	133.0	119.7	119.7	119.7
40°	212.8	199.5	181.7	168.4	164.0	150.7	128.5	106.4	93.1	88.7	88.7
42.5°	190.6	181.7	155.1	133.0	128.5	128.5	97.5	79.8	66.5	66.5	66.5
45°	177.3	164.0	141.8	115.3	93.1	97.5	79.8	57.6	48.8	44.3	44.3
47.5°	168.4	155.1	124.1	97.5	70.9	70.9	57.6	39.9	31.0	26.6	26.6
50°	155.1	141.8	110.8	79.8	53.2	44.3	35.5	22.2	13.3	8.9	8.9
52.5°	146.3	133.0	97.5	66.5	44.3	31.0	22.2	4.4	0.0	0.0	0.0
55°	133.0	115.3	84.2	53.2	35.5	17.7	4.4	0.0	0.0	0.0	0.0
57.5°	115.3	102.0	66.5	39.9	22.2	4.4	0.0	0.0	0.0	0.0	0.0
60°	97.5	84.2	53.2	31.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	79.8	70.9	39.9	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	66.5	53.2	31.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	57.6	44.3	22.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	44.3	31.0	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	31.0	22.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	22.2	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	13.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	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	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

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**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6
2.5°	5638.4	5771.4	5895.5	5931.0	6028.5	6298.9	6298.9	6427.4	6657.9	6742.2	6759.9
5°	4756.3	4898.2	4924.7	5199.6	5328.1	5603.0	5784.7	6219.1	6480.6	6644.6	6746.6
7.5°	3617.1	3665.9	3767.8	4024.9	4277.6	4610.0	4955.8	5509.9	5970.9	6157.0	6502.8
10°	2486.8	2633.0	2854.7	3085.2	3479.7	3847.6	4295.3	4818.4	5385.8	5616.3	5913.2
12.5°	1675.6	1879.5	2234.1	2562.1	2925.6	3297.9	3723.5	4423.9	5066.6	5385.8	5682.7
15°	979.6	1227.9	1533.7	2065.6	2548.8	2965.5	3391.0	4100.3	4880.4	5292.7	5656.1
17.5°	496.5	571.8	824.5	1285.5	1923.8	2606.4	3240.3	4144.6	5022.3	5527.6	5829.0
20°	372.3	394.5	465.4	682.6	1316.5	2154.3	3098.5	4211.1	5416.8	6032.9	6196.9
22.5°	323.6	341.3	372.3	443.3	740.3	1649.0	2899.0	4375.1	5953.1	6533.8	6879.6
25°	274.8	292.6	319.2	363.5	474.3	1121.5	2655.2	4548.0	6431.9	7163.3	7486.9
27.5°	239.4	252.7	279.3	314.7	385.6	713.7	2234.1	4778.5	7163.3	7925.7	8009.9
30°	203.9	217.2	239.4	279.3	328.0	505.3	1640.1	4809.5	7566.6	8258.2	8493.1
32.5°	177.3	181.7	208.3	243.8	274.8	398.9	1152.5	4840.5	7863.6	8688.1	8736.9
35°	146.3	155.1	181.7	203.9	239.4	314.7	873.2	4685.4	8249.3	9131.4	9118.1
37.5°	119.7	133.0	150.7	168.4	195.0	266.0	695.9	4397.3	8732.5	9818.5	9401.8
40°	93.1	106.4	124.1	146.3	164.0	239.4	523.1	3962.8	9237.8	10155.4	9712.1
42.5°	66.5	75.4	93.1	115.3	146.3	199.5	376.8	3448.7	9437.3	10549.9	10084.4
45°	48.8	57.6	70.9	97.5	150.7	159.6	261.5	2978.8	9650.0	10722.7	10000.2
47.5°	26.6	35.5	53.2	84.2	133.0	119.7	186.2	2557.7	9893.8	10877.9	10066.7
50°	8.9	13.3	31.0	88.7	106.4	93.1	146.3	2331.6	10133.2	10908.9	10199.7
52.5°	0.0	0.0	17.7	93.1	79.8	70.9	128.5	2243.0	10071.1	11006.4	10115.5
55°	0.0	0.0	4.4	39.9	44.3	53.2	106.4	2238.5	10510.0	11037.5	10576.5
57.5°	0.0	0.0	0.0	13.3	26.6	44.3	93.1	2096.7	10789.2	11808.8	11197.0
60°	0.0	0.0	0.0	4.4	17.7	31.0	70.9	1972.6	11072.9	12154.5	11862.0
62.5°	0.0	0.0	0.0	0.0	4.4	13.3	48.8	1782.0	10501.1	12127.9	12504.7
65°	0.0	0.0	0.0	0.0	0.0	0.0	31.0	1409.6	9446.1	11494.0	12150.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	17.7	975.2	8271.4	10696.1	11498.5
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	589.6	6675.7	9379.6	9752.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	252.7	4765.2	7447.0	8001.1
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	102.0	2947.8	5443.4	6126.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.9	1910.5	4122.4	4649.9
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	1019.5	2584.3	3005.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	443.3	1569.2	1808.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	141.8	953.0	1086.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146.3	195.0
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: P599148  
 CATALOG NUMBER: IFLD-S-SA6A-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6	6285.6
2.5°	6768.8	6897.3	6946.1	6870.7	6879.6	6724.4	6702.3	6485.1	6396.4	6414.1
5°	7079.0	7265.2	7367.2	7283.0	7092.3	6795.4	6525.0	6267.9	6108.3	6028.5
7.5°	7008.1	7216.5	7345.0	7424.8	7207.6	6728.9	6316.6	5833.5	5629.6	5634.0
10°	6618.0	7052.5	7314.0	7212.0	7110.1	6631.3	5993.0	5470.0	5288.2	5306.0
12.5°	6303.3	6786.5	6941.6	7021.4	6813.1	6431.9	6001.9	5403.5	5199.6	5075.5
15°	6108.3	6467.3	6476.2	6600.3	6516.1	6516.1	6095.0	5509.9	5332.6	5195.1
17.5°	6108.3	6188.1	6179.2	6223.5	6365.4	6533.8	6329.9	5939.8	5589.7	5567.5
20°	6245.7	5997.5	5939.8	5957.6	6077.3	6578.2	6848.5	6360.9	6139.3	6068.4
22.5°	6564.9	6019.6	5669.4	5607.4	5975.3	6573.7	7181.0	7025.9	6640.2	6582.6
25°	7003.7	5979.7	5598.5	5518.7	5798.0	6733.3	7637.6	7668.6	7318.4	7198.7
27.5°	7420.4	6157.0	5589.7	5571.9	5939.8	6697.8	7952.3	8182.8	7788.3	7690.8
30°	7562.2	6334.4	5753.7	5518.7	5993.0	6826.4	7943.4	8546.3	8289.2	8311.3
32.5°	7730.7	6511.7	5771.4	5678.3	6219.1	7034.7	8196.1	9131.4	8945.2	8683.7
35°	7978.9	6751.0	5939.8	5855.6	6378.7	7220.9	8249.3	9561.4	9530.3	9224.5
37.5°	8191.7	6986.0	6290.0	6303.3	6866.3	7522.3	8484.2	10088.9	10035.7	9827.3
40°	8342.4	7314.0	6835.2	6870.7	7291.8	7859.2	8900.9	10354.8	10749.3	10443.5
42.5°	8364.5	7606.5	7460.3	7744.0	8138.5	8382.3	9069.3	10536.6	11104.0	10904.5
45°	8448.8	8072.0	8479.8	8688.1	9011.7	8843.3	9060.5	10846.9	11130.6	11028.6
47.5°	8776.8	8918.6	9432.8	10066.7	10182.0	9627.9	9273.2	10895.6	11281.3	11268.0
50°	9118.1	9827.3	10549.9	10971.0	11117.3	10168.7	9472.7	10855.7	11480.7	11374.4
52.5°	9499.3	10616.4	11658.0	12176.7	12096.9	10767.1	9698.8	11179.3	11848.7	11813.2
55°	9738.7	10971.0	12371.7	13094.2	13032.2	11436.4	10416.9	11644.7	12331.8	12243.2
57.5°	10372.6	11547.2	13080.9	13417.8	13581.8	12314.1	10917.8	12407.2	12735.2	12832.7
60°	10895.6	11924.0	13267.1	13754.7	13812.3	12837.1	11795.5	13191.8	13249.4	12921.4
62.5°	11662.5	12070.3	12872.6	13311.4	13608.4	13134.1	12584.5	13612.9	13240.5	13218.4
65°	12225.4	11591.6	12136.8	12380.6	12571.2	12682.0	13377.9	13901.0	13076.5	12646.5
67.5°	11910.7	10687.3	10585.3	10598.6	10656.3	11325.6	13112.0	13196.2	12163.4	11808.8
70°	10483.4	8767.9	8630.5	8736.9	8448.8	9255.5	12034.8	11994.9	10731.6	10363.7
72.5°	8479.8	6392.0	6157.0	6303.3	6369.8	7225.3	10124.3	9095.9	7828.2	7540.1
75°	6737.7	4685.4	3954.0	4308.6	4534.7	5261.6	7908.0	6179.2	5465.5	5075.5
77.5°	5292.7	3546.2	3076.3	2934.5	3142.8	3825.4	5753.7	3244.7	2863.5	2681.8
80°	3355.6	2606.4	2828.1	2624.2	2712.8	2730.6	2996.5	1476.1	1174.7	1161.4
82.5°	2021.3	1782.0	2118.8	1165.8	2123.3	1897.2	1245.6	669.3	594.0	594.0
85°	1431.8	1103.7	731.4	474.3	944.2	1041.7	483.2	345.8	301.4	292.6
87.5°	718.1	341.3	164.0	106.4	119.7	195.0	57.6	26.6	26.6	22.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)