

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: P599196

Luminaire Tested: **IFLD-S-SA2A-735-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: P599196  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA2A-735-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (32) 3500K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

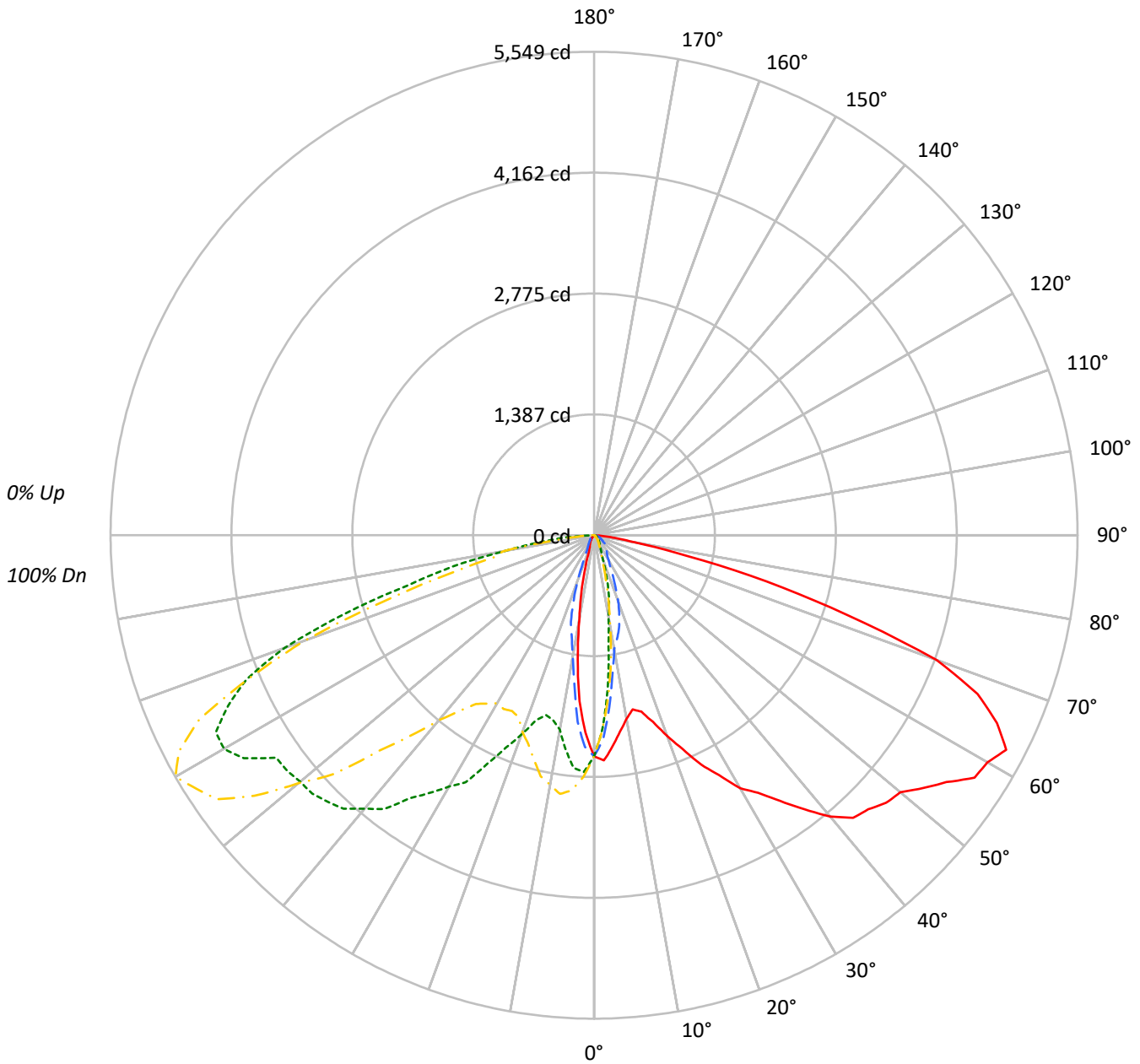
Lumens per Lamp: N/A  
 Luminaire Lumens: 6632.8 lumens  
 Efficiency: N/A  
 Efficacy: 104.0 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 63.8  
 Input Voltage (V): 120  
 Input Current (A<sub>in</sub>): 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°

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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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

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

	0°	90°	180°	270°
0°	54588	54588	54588	54588
5°	52556	38412	41349	57926
10°	46791	20913	21187	49528
15°	46710	13950	8529	47586
20°	56085	6964	3400	55757
25°	68982	4375	2634	68642
30°	83347	3512	2001	82815
35°	97798	2820	1551	96810
40°	118396	2411	1006	115131
45°	135453	2177	545	131696
50°	153678	2097	121	147389
55°	185377	2012	0	167122
60°	224436	1692	0	211115
65°	259882	1365	0	236200
70°	263159	1127	0	238171
75°	170305	740	0	182649
80°	58082	223	0	129243
85°	29146	0	0	94973

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	192.1	2.9
10°-20°	371.9	5.6
20°-30°	518.0	7.8
30°-40°	736.1	11.1
40°-50°	1020.7	15.4
50°-60°	1390.7	21.0
60°-70°	1529.0	23.1
70°-80°	751.5	11.3
80°-90°	122.7	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°	1082.0	16.3
0°-40°	1818.1	27.4
0°-60°	4229.5	63.8
0°-90°	6632.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6632.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2536	2536	2536	2536	2536	
5°	2432	1778	1913	2680	2432	223
15°	2096	626	383	2135	2096	620
25°	2904	184	111	2890	2904	1350
35°	3721	107	59	3684	3721	2362
45°	4449	72	18	4326	4449	3449
55°	4939	54	0	4453	4939	4443
65°	5102	27	0	4637	5102	4930
75°	2048	9	0	2196	2048	2232
85°	118	0	0	384	118	163
90°	0	0	0	0	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7
2.5°	2587.6	2618.0	2589.3	2489.2	2471.3	2423.0	2349.7	2344.4	2267.5	2276.4	2235.3
5°	2432.0	2462.4	2401.6	2269.3	2145.9	2047.5	1988.5	1883.0	1859.7	1807.9	1807.9
7.5°	2272.8	2271.0	2167.3	2056.5	1872.3	1691.7	1609.4	1457.4	1368.0	1319.7	1273.2
10°	2140.5	2111.9	2047.5	1818.6	1618.3	1430.6	1328.6	1228.5	1135.5	1055.1	974.6
12.5°	2047.5	2065.4	1963.5	1714.9	1455.6	1325.1	1216.0	1110.5	999.6	908.4	819.0
15°	2095.8	2067.2	1947.4	1691.7	1428.8	1250.0	1105.1	976.4	853.0	733.2	665.2
17.5°	2246.0	2172.7	2031.4	1691.7	1373.4	1135.5	960.3	808.3	675.9	568.7	484.6
20°	2448.1	2364.0	2212.0	1754.2	1332.2	1051.5	811.9	620.5	482.8	382.7	318.3
22.5°	2655.5	2589.3	2360.5	1779.3	1283.9	938.8	640.2	448.8	321.9	257.5	225.3
25°	2904.1	2811.1	2560.7	1879.4	1212.4	829.7	504.3	312.9	239.6	205.6	186.0
27.5°	3102.6	3086.5	2748.5	1940.2	1158.8	740.3	398.8	248.6	198.5	173.5	160.9
30°	3352.9	3265.3	2977.4	2061.8	1098.0	638.4	332.6	223.5	182.4	155.6	146.6
32.5°	3503.1	3462.0	3097.2	2129.8	1030.0	554.3	286.1	196.7	166.3	146.6	137.7
35°	3721.3	3639.0	3268.9	2172.7	994.3	506.1	257.5	178.8	139.5	119.8	109.1
37.5°	3964.5	3934.1	3474.5	2170.9	942.4	477.5	237.8	166.3	132.3	110.9	98.4
40°	4213.0	4089.7	3599.7	2221.0	915.6	456.0	223.5	159.2	125.2	105.5	89.4
42.5°	4399.0	4257.8	3744.5	2203.1	883.4	418.4	218.2	148.4	119.8	96.6	82.3
45°	4449.1	4399.0	3875.1	2197.7	860.1	388.0	209.2	146.6	116.2	91.2	76.9
47.5°	4545.7	4511.7	4036.0	2206.7	842.3	364.8	187.8	150.2	110.9	85.8	73.3
50°	4588.6	4527.8	4166.6	2228.1	801.1	336.2	168.1	157.4	109.1	84.0	69.7
52.5°	4765.6	4712.0	4345.4	2288.9	767.1	298.6	148.4	150.2	112.7	78.7	66.2
55°	4939.1	4878.3	4620.8	2428.4	718.9	268.2	127.0	132.3	107.3	71.5	59.0
57.5°	5176.9	5076.8	4804.9	2485.6	675.9	227.1	112.7	109.1	100.1	64.4	51.9
60°	5212.7	5253.8	4778.1	2449.9	631.2	200.3	98.4	84.0	107.3	57.2	44.7
62.5°	5332.5	5160.8	4653.0	2367.6	599.1	184.2	87.6	69.7	93.0	50.1	37.6
65°	5101.8	4974.8	4359.7	2102.9	557.9	186.0	76.9	57.2	59.0	41.1	30.4
67.5°	4763.8	4663.7	3873.3	1815.0	516.8	182.4	68.0	50.1	44.7	35.8	26.8
70°	4180.9	3964.5	3290.3	1473.5	456.0	169.9	57.2	44.7	37.6	28.6	19.7
72.5°	3041.8	2954.1	2360.5	1139.1	409.5	153.8	53.6	37.6	32.2	21.5	16.1
75°	2047.5	1902.7	1489.6	747.5	329.0	134.1	44.7	34.0	25.0	16.1	12.5
77.5°	1081.9	1022.9	844.0	355.9	182.4	62.6	25.0	19.7	14.3	12.5	7.2
80°	468.5	416.7	364.8	144.8	64.4	28.6	16.1	10.7	8.9	7.2	3.6
82.5°	239.6	228.9	189.6	62.6	37.6	21.5	8.9	7.2	5.4	3.6	1.8
85°	118.0	121.6	100.1	19.7	21.5	12.5	1.8	1.8	0.0	0.0	0.0
87.5°	8.9	8.9	7.2	3.6	5.4	1.8	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°	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7
2.5°	2219.2	2244.2	2201.3	2228.1	2215.6	2221.0	2226.3	2212.0	2215.6	2265.7	2267.5
5°	1777.5	1825.8	1807.9	1832.9	1875.8	1854.4	1874.1	1870.5	1874.1	1881.2	1913.4
7.5°	1267.8	1253.5	1287.5	1353.7	1430.6	1477.1	1453.8	1441.3	1434.2	1416.3	1437.7
10°	956.7	949.5	940.6	960.3	1010.3	1062.2	1090.8	1042.5	1015.7	981.7	969.2
12.5°	794.0	749.3	724.2	693.8	708.1	754.6	756.4	709.9	667.0	649.1	668.8
15°	625.9	595.5	550.8	507.9	486.4	522.2	491.8	447.1	391.6	384.5	382.7
17.5°	447.1	429.2	397.0	379.1	354.1	345.1	312.9	245.0	205.6	194.9	198.5
20°	304.0	289.7	287.9	271.8	261.1	253.9	202.1	157.4	144.8	146.6	148.4
22.5°	225.3	218.2	209.2	207.4	198.5	189.6	148.4	132.3	123.4	123.4	128.8
25°	184.2	180.6	171.7	168.1	164.5	152.0	125.2	112.7	109.1	105.5	110.9
27.5°	157.4	155.6	150.2	144.8	141.3	128.8	109.1	98.4	94.8	94.8	94.8
30°	141.3	141.3	134.1	123.4	123.4	109.1	93.0	85.8	82.3	82.3	80.5
32.5°	132.3	128.8	119.8	112.7	107.3	93.0	82.3	75.1	69.7	69.7	71.5
35°	107.3	107.3	105.5	100.1	93.0	78.7	69.7	62.6	59.0	57.2	59.0
37.5°	94.8	89.4	82.3	84.0	80.5	68.0	59.0	53.6	48.3	48.3	48.3
40°	85.8	80.5	73.3	68.0	66.2	60.8	51.9	42.9	37.6	35.8	35.8
42.5°	76.9	73.3	62.6	53.6	51.9	51.9	39.3	32.2	26.8	26.8	26.8
45°	71.5	66.2	57.2	46.5	37.6	39.3	32.2	23.2	19.7	17.9	17.9
47.5°	68.0	62.6	50.1	39.3	28.6	28.6	23.2	16.1	12.5	10.7	10.7
50°	62.6	57.2	44.7	32.2	21.5	17.9	14.3	8.9	5.4	3.6	3.6
52.5°	59.0	53.6	39.3	26.8	17.9	12.5	8.9	1.8	0.0	0.0	0.0
55°	53.6	46.5	34.0	21.5	14.3	7.2	1.8	0.0	0.0	0.0	0.0
57.5°	46.5	41.1	26.8	16.1	8.9	1.8	0.0	0.0	0.0	0.0	0.0
60°	39.3	34.0	21.5	12.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	32.2	28.6	16.1	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	26.8	21.5	12.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	23.2	17.9	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	17.9	12.5	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	12.5	8.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	8.9	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.8	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°	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7
2.5°	2274.6	2328.3	2378.3	2392.6	2432.0	2541.1	2541.1	2592.9	2685.9	2719.9	2727.0
5°	1918.8	1976.0	1986.7	2097.6	2149.4	2260.3	2333.6	2508.9	2614.4	2680.5	2721.7
7.5°	1459.2	1478.9	1520.0	1623.7	1725.6	1859.7	1999.2	2222.8	2408.7	2483.8	2623.3
10°	1003.2	1062.2	1151.6	1244.6	1403.8	1552.2	1732.8	1943.8	2172.7	2265.7	2385.5
12.5°	675.9	758.2	901.3	1033.6	1180.2	1330.4	1502.1	1784.6	2043.9	2172.7	2292.5
15°	395.2	495.3	618.7	833.3	1028.2	1196.3	1368.0	1654.1	1968.8	2135.1	2281.8
17.5°	200.3	230.7	332.6	518.6	776.1	1051.5	1307.2	1672.0	2026.1	2229.9	2351.5
20°	150.2	159.2	187.8	275.4	531.1	869.1	1250.0	1698.8	2185.2	2433.8	2499.9
22.5°	130.5	137.7	150.2	178.8	298.6	665.2	1169.5	1765.0	2401.6	2635.8	2775.3
25°	110.9	118.0	128.8	146.6	191.3	452.4	1071.1	1834.7	2594.7	2889.8	3020.3
27.5°	96.6	101.9	112.7	127.0	155.6	287.9	901.3	1927.7	2889.8	3197.3	3231.3
30°	82.3	87.6	96.6	112.7	132.3	203.9	661.6	1940.2	3052.5	3331.5	3426.2
32.5°	71.5	73.3	84.0	98.4	110.9	160.9	464.9	1952.7	3172.3	3504.9	3524.6
35°	59.0	62.6	73.3	82.3	96.6	127.0	352.3	1890.1	3327.9	3683.7	3678.4
37.5°	48.3	53.6	60.8	68.0	78.7	107.3	280.8	1773.9	3522.8	3960.9	3792.8
40°	37.6	42.9	50.1	59.0	66.2	96.6	211.0	1598.7	3726.7	4096.8	3918.0
42.5°	26.8	30.4	37.6	46.5	59.0	80.5	152.0	1391.2	3807.1	4256.0	4068.2
45°	19.7	23.2	28.6	39.3	60.8	64.4	105.5	1201.7	3893.0	4325.7	4034.2
47.5°	10.7	14.3	21.5	34.0	53.6	48.3	75.1	1031.8	3991.3	4388.3	4061.0
50°	3.6	5.4	12.5	35.8	42.9	37.6	59.0	940.6	4087.9	4400.8	4114.7
52.5°	0.0	0.0	7.2	37.6	32.2	28.6	51.9	904.8	4062.8	4440.2	4080.7
55°	0.0	0.0	1.8	16.1	17.9	21.5	42.9	903.1	4239.9	4452.7	4266.7
57.5°	0.0	0.0	0.0	5.4	10.7	17.9	37.6	845.8	4352.5	4763.8	4517.0
60°	0.0	0.0	0.0	1.8	7.2	12.5	28.6	795.8	4467.0	4903.3	4785.3
62.5°	0.0	0.0	0.0	0.0	1.8	5.4	19.7	718.9	4236.3	4892.6	5044.6
65°	0.0	0.0	0.0	0.0	0.0	0.0	12.5	568.7	3810.7	4636.9	4901.5
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.2	393.4	3336.8	4315.0	4638.6
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	237.8	2693.1	3783.9	3934.1
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	101.9	1922.3	3004.2	3227.7
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.1	1189.2	2195.9	2471.3
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.1	770.7	1663.0	1875.8
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	411.3	1042.5	1212.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	178.8	633.0	729.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.2	384.5	438.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.0	78.7
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: P599196  
 CATALOG NUMBER: IFLD-S-SA2A-735-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7	2535.7
2.5°	2730.6	2782.5	2802.1	2771.7	2775.3	2712.7	2703.8	2616.2	2580.4	2587.6
5°	2855.8	2930.9	2972.0	2938.0	2861.2	2741.3	2632.3	2528.5	2464.2	2432.0
7.5°	2827.2	2911.2	2963.1	2995.3	2907.6	2714.5	2548.2	2353.3	2271.0	2272.8
10°	2669.8	2845.1	2950.6	2909.4	2868.3	2675.2	2417.7	2206.7	2133.3	2140.5
12.5°	2542.8	2737.8	2800.4	2832.5	2748.5	2594.7	2421.3	2179.8	2097.6	2047.5
15°	2464.2	2609.0	2612.6	2662.7	2628.7	2628.7	2458.8	2222.8	2151.2	2095.8
17.5°	2464.2	2496.4	2492.8	2510.7	2567.9	2635.8	2553.6	2396.2	2254.9	2246.0
20°	2519.6	2419.5	2396.2	2403.4	2451.7	2653.7	2762.8	2566.1	2476.7	2448.1
22.5°	2648.4	2428.4	2287.1	2262.1	2410.5	2651.9	2896.9	2834.3	2678.8	2655.5
25°	2825.4	2412.3	2258.5	2226.3	2339.0	2716.3	3081.1	3093.6	2952.4	2904.1
27.5°	2993.5	2483.8	2254.9	2247.8	2396.2	2702.0	3208.1	3301.1	3141.9	3102.6
30°	3050.7	2555.4	2321.1	2226.3	2417.7	2753.9	3204.5	3447.7	3344.0	3352.9
32.5°	3118.7	2626.9	2328.3	2290.7	2508.9	2837.9	3306.4	3683.7	3608.6	3503.1
35°	3218.8	2723.5	2396.2	2362.2	2573.2	2913.0	3327.9	3857.2	3844.7	3721.3
37.5°	3304.6	2818.2	2537.5	2542.8	2770.0	3034.6	3422.7	4070.0	4048.5	3964.5
40°	3365.4	2950.6	2757.4	2771.7	2941.6	3170.5	3590.7	4177.3	4336.4	4213.0
42.5°	3374.4	3068.6	3009.6	3124.0	3283.2	3381.5	3658.7	4250.6	4479.5	4399.0
45°	3408.3	3256.3	3420.9	3504.9	3635.5	3567.5	3655.1	4375.8	4490.2	4449.1
47.5°	3540.7	3597.9	3805.3	4061.0	4107.5	3884.0	3741.0	4395.4	4551.0	4545.7
50°	3678.4	3964.5	4256.0	4425.8	4484.9	4102.2	3821.4	4379.4	4631.5	4588.6
52.5°	3832.2	4282.8	4703.0	4912.2	4880.1	4343.6	3912.6	4509.9	4779.9	4765.6
55°	3928.7	4425.8	4990.9	5282.4	5257.4	4613.6	4202.3	4697.7	4974.8	4939.1
57.5°	4184.4	4658.3	5277.0	5412.9	5479.1	4967.7	4404.4	5005.2	5137.6	5176.9
60°	4395.4	4810.3	5352.1	5548.8	5572.1	5178.7	4758.5	5321.7	5345.0	5212.7
62.5°	4704.8	4869.3	5193.0	5370.0	5489.8	5298.5	5076.8	5491.6	5341.4	5332.5
65°	4931.9	4676.2	4896.1	4994.5	5071.4	5116.1	5396.8	5607.9	5275.3	5101.8
67.5°	4804.9	4311.4	4270.3	4275.6	4298.9	4568.9	5289.6	5323.5	4906.9	4763.8
70°	4229.1	3537.1	3481.7	3524.6	3408.3	3733.8	4855.0	4838.9	4329.3	4180.9
72.5°	3420.9	2578.6	2483.8	2542.8	2569.7	2914.8	4084.3	3669.4	3158.0	3041.8
75°	2718.1	1890.1	1595.1	1738.2	1829.3	2122.6	3190.2	2492.8	2204.9	2047.5
77.5°	2135.1	1430.6	1241.0	1183.8	1267.8	1543.2	2321.1	1309.0	1155.2	1081.9
80°	1353.7	1051.5	1140.9	1058.6	1094.4	1101.5	1208.8	595.5	473.9	468.5
82.5°	815.4	718.9	854.8	470.3	856.6	765.4	502.5	270.0	239.6	239.6
85°	577.6	445.3	295.1	191.3	380.9	420.2	194.9	139.5	121.6	118.0
87.5°	289.7	137.7	66.2	42.9	48.3	78.7	23.2	10.7	10.7	8.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)