

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: P598707

Luminaire Tested: **IFLD-S-SA2E-740-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598707
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2E-740-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (32) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

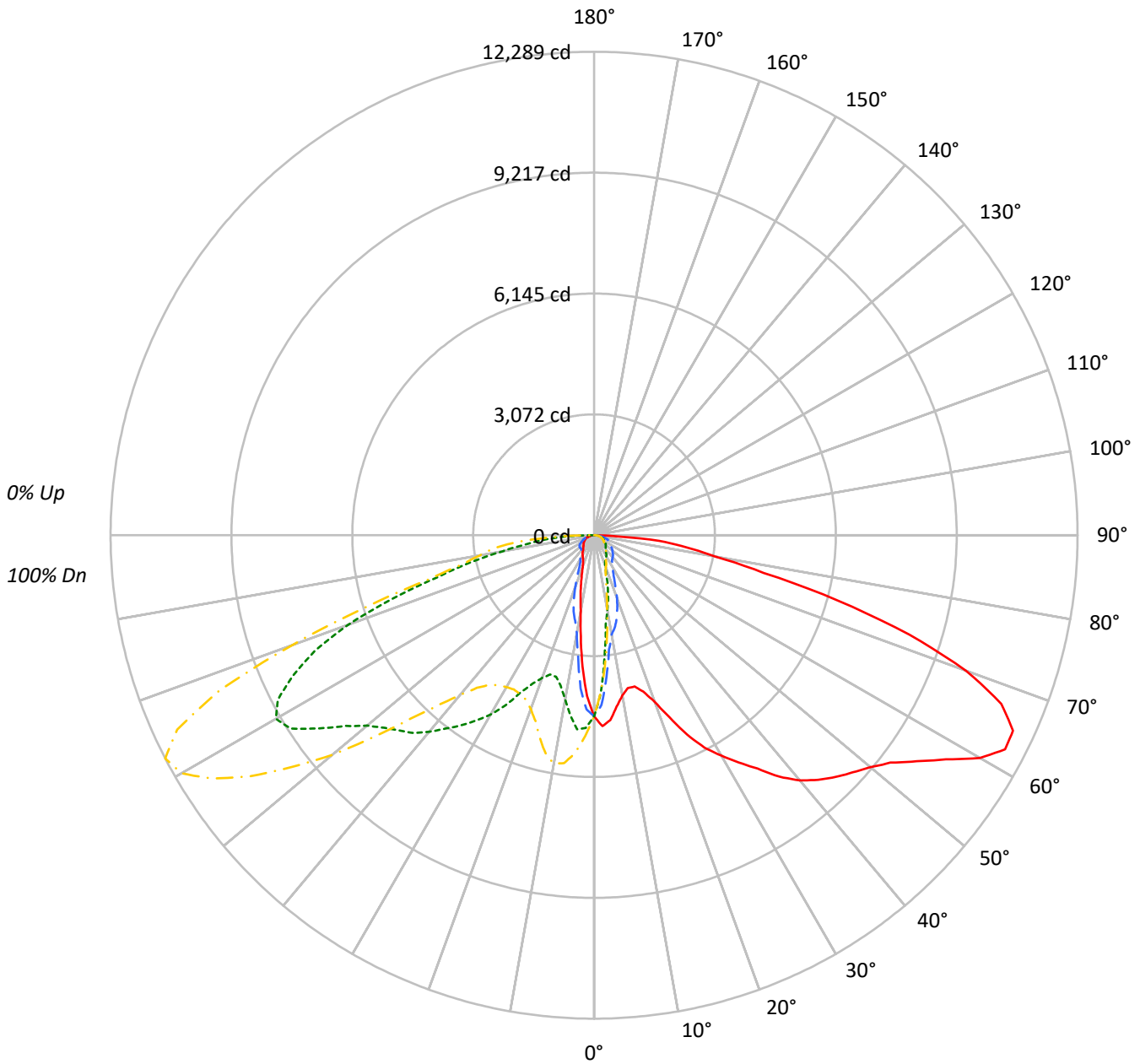
Lumens per Lamp: N/A
 Luminaire Lumens: 15394.9 lumens
 Efficiency: N/A
 Efficacy: 98.6 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 156.2
 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°

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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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77			77	
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59			59	
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46			46	
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36			36	
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30			30	
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25			25	
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21			21	
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18			18	
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16			16	
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14			14	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	99000	99000	99000	99000
5°	101885	66252	72376	107035
10°	90391	42098	42520	92502
15°	88712	29858	28278	82971
20°	103141	18887	19035	88387
25°	132643	16216	15758	104493
30°	160748	15370	14410	130809
35°	190259	13542	13033	155050
40°	228609	12851	11946	183175
45°	264527	12747	11569	213544
50°	307173	12941	11648	252166
55°	375908	13294	11845	321276
60°	487519	13313	12478	401830
65°	598439	13453	12796	430125
70°	633246	14187	13375	418786
75°	533049	14997	13392	341792
80°	387269	17567	13575	295442
85°	410447	25466	11140	307051

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	355.9	2.3
10°-20°	744.9	4.8
20°-30°	1073.4	7.0
30°-40°	1545.3	10.0
40°-50°	2195.0	14.3
50°-60°	3155.8	20.5
60°-70°	3645.9	23.7
70°-80°	2064.4	13.4
80°-90°	614.4	4.0
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°	2174.2	14.1
0°-40°	3719.5	24.2
0°-60°	9070.2	58.9
0°-90°	15394.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15394.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4599	4599	4599	4599	4599	
5°	4715	3066	3349	4953	4715	428
15°	3980	1340	1269	3723	3980	1170
25°	5584	683	663	4399	5584	2592
35°	7240	515	496	5900	7240	4595
45°	8689	419	380	7014	8689	6728
55°	10016	354	316	8560	10016	9071
65°	11748	264	251	8444	11748	11266
75°	6409	180	161	4109	6409	6800
85°	1662	103	45	1243	1662	1655
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°	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7
2.5°	4856.4	4849.9	4811.3	4688.9	4560.1	4437.7	4321.8	4199.4	4135.0	4057.7	4025.5
5°	4714.7	4701.8	4592.3	4321.8	4083.5	3825.8	3606.9	3433.0	3291.3	3149.6	3098.0
7.5°	4392.6	4373.3	4244.5	3870.9	3523.1	3188.2	2924.1	2698.7	2511.9	2428.2	2331.6
10°	4135.0	4102.8	3935.3	3523.1	3072.3	2737.4	2563.4	2408.9	2247.8	2112.6	1970.9
12.5°	3974.0	3935.3	3761.4	3278.4	2840.4	2589.2	2408.9	2235.0	2035.3	1867.8	1713.3
15°	3980.4	3935.3	3722.8	3214.0	2782.4	2460.4	2209.2	1970.9	1739.0	1552.2	1378.3
17.5°	4167.2	4109.2	3883.8	3304.1	2737.4	2292.9	1958.0	1648.9	1384.8	1185.1	1043.4
20°	4502.1	4463.5	4205.9	3439.4	2692.3	2112.6	1700.4	1326.8	1049.9	895.3	837.3
22.5°	5004.5	4959.4	4682.5	3645.5	2679.4	1951.6	1423.4	1043.4	843.7	779.3	747.1
25°	5584.2	5500.5	5242.8	3993.3	2705.1	1803.4	1198.0	863.1	753.6	708.5	689.2
27.5°	6086.6	6035.1	5745.2	4321.8	2718.0	1687.5	1043.4	785.8	702.0	663.4	650.5
30°	6466.6	6447.3	6163.9	4682.5	2685.8	1545.8	946.8	753.6	702.0	663.4	624.8
32.5°	6846.6	6853.0	6550.3	4959.4	2640.7	1423.4	856.6	669.8	618.3	592.6	599.0
35°	7239.5	7271.7	7014.1	5229.9	2544.1	1378.3	792.2	624.8	579.7	541.0	521.7
37.5°	7735.4	7819.2	7568.0	5532.7	2447.5	1339.7	760.0	592.6	547.5	515.3	489.5
40°	8134.8	8289.3	8141.2	5816.1	2383.1	1294.6	734.3	560.4	528.1	489.5	470.2
42.5°	8431.0	8611.4	8559.9	6035.1	2383.1	1249.5	708.5	541.0	515.3	470.2	444.4
45°	8688.7	8875.5	8869.0	6260.5	2434.6	1223.8	676.3	541.0	502.4	457.3	431.5
47.5°	8920.5	9107.3	9171.7	6543.9	2518.4	1210.9	637.6	528.1	502.4	450.9	412.2
50°	9171.7	9377.8	9571.1	6994.7	2621.4	1178.7	611.9	508.8	508.8	444.4	399.3
52.5°	9493.8	9725.6	10079.9	7555.1	2724.5	1120.7	573.2	495.9	508.8	438.0	386.4
55°	10015.5	10208.7	10672.4	8224.9	2853.3	1049.9	541.0	463.7	483.1	418.7	367.1
57.5°	10601.6	10769.1	11155.5	8740.2	2891.9	959.7	495.9	431.5	463.7	399.3	341.4
60°	11323.0	11406.7	11406.7	8888.3	2763.1	876.0	463.7	405.8	418.7	380.0	322.0
62.5°	11780.3	11780.3	11406.7	8617.8	2518.4	805.1	438.0	380.0	367.1	354.2	302.7
65°	11748.1	11696.5	11142.6	7832.0	2235.0	760.0	412.2	347.8	328.5	322.0	283.4
67.5°	11207.0	11116.9	10363.3	6724.2	1938.7	740.7	386.4	315.6	302.7	289.8	257.6
70°	10060.6	9828.7	8901.2	5410.3	1648.9	727.8	380.0	289.8	277.0	264.1	238.3
72.5°	8398.8	8102.6	6949.6	4160.8	1384.8	682.7	360.7	257.6	251.2	238.3	212.5
75°	6408.6	5861.1	4849.9	3181.8	1075.6	592.6	309.2	225.4	225.4	219.0	193.2
77.5°	4418.4	4135.0	3381.4	2350.9	785.8	457.3	251.2	199.7	199.7	206.1	180.3
80°	3123.8	2859.7	2408.9	1687.5	495.9	309.2	193.2	167.5	186.8	199.7	167.5
82.5°	2389.5	2196.3	1790.5	1230.2	289.8	212.5	148.1	135.3	161.0	173.9	141.7
85°	1661.7	1429.9	908.2	824.4	167.5	128.8	109.5	109.5	141.7	173.9	128.8
87.5°	470.2	199.7	58.0	244.8	70.8	51.5	38.6	25.8	38.6	38.6	25.8
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°	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7
2.5°	3993.3	3954.7	3954.7	3941.8	3948.2	3954.7	3948.2	3993.3	4012.6	4038.4	4089.9
5°	3065.8	3117.4	3078.7	3117.4	3168.9	3246.2	3265.5	3323.5	3329.9	3375.0	3349.2
7.5°	2273.6	2267.2	2235.0	2280.1	2421.7	2531.2	2582.8	2615.0	2621.4	2621.4	2589.2
10°	1925.8	1867.8	1809.9	1777.7	1790.5	1906.5	1945.1	1964.5	1951.6	1970.9	1945.1
12.5°	1648.9	1597.3	1513.6	1455.6	1417.0	1449.2	1487.8	1507.2	1520.0	1552.2	1578.0
15°	1339.7	1288.2	1236.6	1204.4	1172.2	1146.5	1178.7	1198.0	1230.2	1256.0	1268.8
17.5°	1017.7	991.9	966.1	985.4	985.4	972.6	985.4	991.9	1004.8	1024.1	1017.7
20°	824.4	818.0	811.5	843.7	869.5	869.5	882.4	863.1	856.6	837.3	830.9
22.5°	734.3	734.3	740.7	766.5	792.2	805.1	805.1	772.9	740.7	727.8	734.3
25°	682.7	682.7	702.0	708.5	721.4	721.4	727.8	695.6	676.3	657.0	663.4
27.5°	644.1	644.1	650.5	650.5	657.0	657.0	663.4	650.5	624.8	618.3	618.3
30°	618.3	618.3	611.9	611.9	611.9	611.9	618.3	599.0	586.1	579.7	579.7
32.5°	592.6	586.1	579.7	579.7	573.2	573.2	579.7	560.4	553.9	553.9	553.9
35°	515.3	508.8	515.3	528.1	528.1	534.6	534.6	528.1	515.3	502.4	495.9
37.5°	483.1	476.6	476.6	476.6	489.5	495.9	502.4	489.5	470.2	450.9	450.9
40°	457.3	457.3	450.9	450.9	450.9	463.7	476.6	457.3	431.5	425.1	425.1
42.5°	438.0	431.5	425.1	418.7	412.2	431.5	444.4	418.7	405.8	405.8	405.8
45°	418.7	412.2	405.8	399.3	392.9	399.3	412.2	386.4	380.0	380.0	380.0
47.5°	399.3	392.9	380.0	373.6	367.1	367.1	380.0	360.7	354.2	360.7	360.7
50°	386.4	373.6	360.7	354.2	347.8	347.8	347.8	341.4	341.4	341.4	347.8
52.5°	373.6	360.7	341.4	334.9	328.5	328.5	328.5	328.5	322.0	328.5	334.9
55°	354.2	341.4	328.5	322.0	315.6	309.2	315.6	309.2	309.2	315.6	315.6
57.5°	328.5	315.6	302.7	302.7	296.3	296.3	302.7	296.3	296.3	302.7	302.7
60°	309.2	296.3	283.4	283.4	277.0	283.4	289.8	283.4	283.4	283.4	289.8
62.5°	283.4	277.0	264.1	264.1	264.1	264.1	270.5	264.1	270.5	270.5	270.5
65°	264.1	251.2	244.8	244.8	244.8	244.8	257.6	244.8	251.2	251.2	251.2
67.5°	244.8	231.9	225.4	225.4	225.4	225.4	238.3	225.4	231.9	238.3	231.9
70°	225.4	212.5	206.1	206.1	206.1	206.1	212.5	206.1	206.1	212.5	212.5
72.5°	199.7	193.2	186.8	186.8	180.3	186.8	193.2	186.8	186.8	186.8	186.8
75°	180.3	173.9	173.9	167.5	167.5	167.5	173.9	161.0	161.0	161.0	161.0
77.5°	167.5	154.6	154.6	154.6	148.1	154.6	148.1	135.3	135.3	135.3	135.3
80°	141.7	128.8	135.3	135.3	128.8	128.8	122.4	109.5	109.5	109.5	109.5
82.5°	115.9	103.1	109.5	109.5	109.5	109.5	96.6	90.2	83.7	77.3	77.3
85°	103.1	83.7	96.6	96.6	90.2	90.2	64.4	64.4	51.5	51.5	45.1
87.5°	19.3	12.9	25.8	32.2	32.2	38.6	25.8	32.2	19.3	12.9	12.9
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°	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7
2.5°	4083.5	4154.3	4250.9	4321.8	4431.3	4515.0	4643.8	4753.3	4856.4	4901.5	4946.6
5°	3426.5	3471.6	3619.7	3735.7	3909.6	4096.4	4328.2	4579.4	4837.1	4953.0	5088.3
7.5°	2563.4	2647.2	2730.9	2898.4	3110.9	3413.6	3709.9	4083.5	4444.2	4618.1	4849.9
10°	1990.2	2054.6	2151.2	2325.1	2524.8	2776.0	3130.2	3574.7	4006.2	4231.6	4469.9
12.5°	1597.3	1687.5	1816.3	1996.7	2228.5	2486.2	2743.8	3156.0	3658.4	3916.0	4186.5
15°	1294.6	1365.5	1507.2	1732.6	2003.1	2267.2	2537.7	2879.0	3426.5	3722.8	4044.8
17.5°	1030.5	1082.1	1210.9	1436.3	1706.8	2003.1	2312.3	2743.8	3349.2	3709.9	4089.9
20°	837.3	876.0	959.7	1127.1	1384.8	1706.8	2093.3	2615.0	3394.3	3858.1	4321.8
22.5°	734.3	747.1	785.8	876.0	1088.5	1429.9	1893.6	2505.5	3478.0	4077.0	4701.8
25°	663.4	676.3	689.2	747.1	869.5	1191.6	1719.7	2441.1	3658.4	4399.1	5139.8
27.5°	618.3	631.2	637.6	663.4	747.1	1017.7	1571.6	2402.4	3903.1	4869.3	5680.8
30°	579.7	579.7	599.0	637.6	695.6	895.3	1442.7	2312.3	4160.8	5262.2	6105.9
32.5°	547.5	553.9	579.7	599.0	637.6	792.2	1313.9	2196.3	4392.6	5584.2	6524.6
35°	489.5	489.5	495.9	528.1	579.7	708.5	1198.0	2080.4	4521.5	5899.8	6898.1
37.5°	450.9	457.3	470.2	495.9	541.0	650.5	1101.4	1951.6	4656.7	6196.1	7336.1
40°	425.1	431.5	444.4	470.2	515.3	599.0	1017.7	1848.5	4798.4	6518.1	7806.3
42.5°	405.8	412.2	425.1	450.9	489.5	586.1	927.5	1764.8	4882.1	6814.4	8250.7
45°	386.4	392.9	412.2	438.0	470.2	573.2	876.0	1706.8	4914.3	7014.1	8604.9
47.5°	367.1	373.6	392.9	431.5	470.2	553.9	856.6	1674.6	4940.1	7239.5	8888.3
50°	347.8	360.7	386.4	425.1	476.6	528.1	843.7	1668.2	5088.3	7529.3	9158.9
52.5°	334.9	354.2	380.0	425.1	470.2	489.5	837.3	1687.5	5384.5	7960.9	9545.3
55°	322.0	341.4	367.1	425.1	450.9	457.3	805.1	1719.7	5835.4	8559.9	10092.8
57.5°	309.2	322.0	354.2	412.2	425.1	431.5	740.7	1764.8	6286.2	9146.0	10653.1
60°	289.8	302.7	334.9	412.2	386.4	405.8	657.0	1777.7	6608.3	9332.8	10704.6
62.5°	270.5	283.4	315.6	425.1	354.2	380.0	586.1	1732.6	6672.7	9062.2	10414.8
65°	251.2	264.1	289.8	354.2	328.5	354.2	541.0	1610.2	6460.1	8443.9	9886.7
67.5°	231.9	244.8	264.1	289.8	296.3	322.0	521.7	1417.0	5925.6	7677.5	9165.3
70°	206.1	219.0	238.3	257.6	264.1	302.7	489.5	1230.2	5062.5	6653.4	8282.9
72.5°	186.8	193.2	212.5	225.4	238.3	277.0	470.2	1075.6	3870.9	5384.5	6756.4
75°	161.0	161.0	180.3	193.2	206.1	244.8	431.5	895.3	2730.9	4109.2	4965.9
77.5°	135.3	135.3	148.1	161.0	173.9	212.5	367.1	727.8	1893.6	3259.1	3600.4
80°	103.1	103.1	115.9	128.8	141.7	180.3	296.3	534.6	1172.2	2383.1	2621.4
82.5°	70.8	70.8	90.2	96.6	103.1	141.7	225.4	367.1	689.2	1719.7	1874.3
85°	38.6	38.6	51.5	58.0	70.8	103.1	167.5	257.6	412.2	1243.1	1249.5
87.5°	6.4	6.4	19.3	19.3	32.2	51.5	96.6	141.7	231.9	689.2	438.0
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: P598707
 CATALOG NUMBER: IFLD-S-SA2E-740-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7	4598.7
2.5°	5030.3	5101.1	5107.6	5107.6	5075.4	5081.8	4991.6	4895.0	4862.8	4856.4
5°	5294.4	5481.1	5532.7	5532.7	5474.7	5345.9	5114.0	4862.8	4734.0	4714.7
7.5°	5242.8	5616.4	5816.1	5816.1	5674.4	5371.6	4965.9	4579.4	4431.3	4392.6
10°	4940.1	5442.5	5803.2	5803.2	5713.0	5326.6	4798.4	4347.6	4167.2	4135.0
12.5°	4727.6	5210.6	5564.9	5564.9	5603.5	5268.6	4714.7	4199.4	4019.1	3974.0
15°	4611.6	5056.0	5287.9	5287.9	5320.1	5178.4	4714.7	4231.6	4032.0	3980.4
17.5°	4708.2	5011.0	5043.2	5043.2	5004.5	5075.4	4817.7	4405.5	4212.3	4167.2
20°	4901.5	4991.6	4837.1	4837.1	4727.6	4953.0	4978.8	4734.0	4579.4	4502.1
22.5°	5307.2	5062.5	4708.2	4708.2	4540.8	4856.4	5191.3	5178.4	5043.2	5004.5
25°	5719.5	5262.2	4669.6	4669.6	4476.4	4837.1	5442.5	5674.4	5603.5	5584.2
27.5°	6176.7	5597.1	4695.4	4695.4	4450.6	4862.8	5616.4	6093.0	6105.9	6086.6
30°	6485.9	5758.1	4772.7	4772.7	4502.1	4927.2	5655.0	6344.2	6460.1	6466.6
32.5°	6743.5	5919.1	4933.7	4933.7	4598.7	5043.2	5758.1	6582.5	6840.2	6846.6
35°	6949.6	6099.5	5133.3	5133.3	4753.3	5236.4	5893.4	6808.0	7194.4	7239.5
37.5°	7213.7	6299.1	5365.2	5365.2	5017.4	5513.3	6131.7	7072.0	7613.1	7735.4
40°	7497.1	6498.8	5700.1	5700.1	5481.1	5925.6	6402.2	7368.3	7967.3	8134.8
42.5°	7812.7	6711.3	6080.1	6080.1	6125.2	6447.3	6711.3	7638.8	8237.8	8431.0
45°	8121.9	6969.0	6634.0	6634.0	6904.6	7065.6	7014.1	7832.0	8495.4	8688.7
47.5°	8340.9	7342.5	7303.9	7303.9	7870.7	7787.0	7368.3	7973.7	8708.0	8920.5
50°	8540.5	7806.3	8147.6	8147.6	8856.1	8572.7	7748.3	8167.0	8933.4	9171.7
52.5°	8836.8	8302.2	9017.2	9017.2	9848.0	9397.2	8160.5	8482.6	9281.2	9493.8
55°	9442.2	8862.6	9925.3	9925.3	10711.1	10150.7	8714.4	9017.2	9770.7	10015.5
57.5°	10118.5	9551.7	10646.7	10646.7	11496.9	10904.3	9339.2	9738.5	10434.1	10601.6
60°	10730.4	10247.4	11432.5	11432.5	12070.1	11451.8	10067.0	10556.5	11194.2	11323.0
62.5°	11091.1	10878.6	11780.3	11780.3	12166.7	11632.1	10685.3	11284.3	11735.2	11780.3
65°	11033.1	11239.2	11374.5	11374.5	11516.2	11129.7	10988.0	11748.1	11793.1	11748.1
67.5°	10595.2	11033.1	10260.2	10260.2	10202.3	9873.8	10517.9	11625.7	11316.5	11207.0
70°	9931.7	9964.0	8579.2	8579.2	8315.1	7864.2	9023.6	10672.4	10195.8	10060.6
72.5°	8830.4	8431.0	6485.9	6485.9	6286.2	5964.2	7239.5	9300.5	8836.8	8398.8
75°	7406.9	6679.1	4940.1	4940.1	4463.5	4450.6	5610.0	7683.9	6846.6	6408.6
77.5°	5738.8	5204.2	3645.5	3645.5	3304.1	3329.9	3916.0	5713.0	4965.9	4418.4
80°	4193.0	3639.1	2821.1	2821.1	2885.5	2730.9	2743.8	3825.8	3452.3	3123.8
82.5°	2898.4	2589.2	2286.5	2286.5	2428.2	2189.9	2138.4	2756.7	2589.2	2389.5
85°	1945.1	2131.9	1816.3	1816.3	1713.3	1578.0	2009.5	2305.8	1861.4	1661.7
87.5°	1268.8	1951.6	1307.5	1307.5	566.8	760.0	1230.2	1513.6	869.5	470.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)