

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: P599250

Luminaire Tested: **IFLD-L-SA8A-740-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: P599250
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8A-740-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (128) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

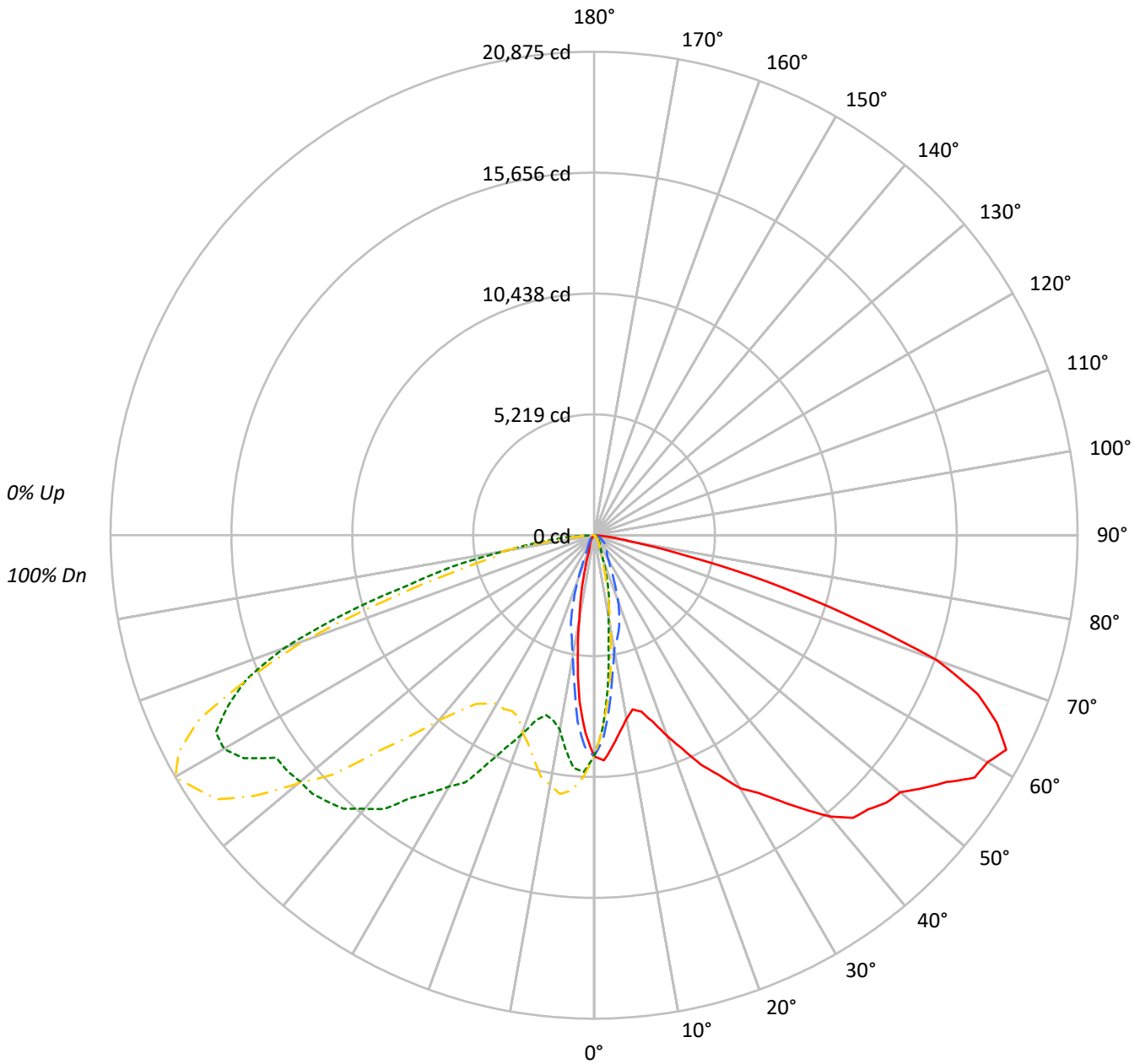
Lumens per Lamp: N/A
 Luminaire Lumens: 24952.8 lumens
 Efficiency: N/A
 Efficacy: 100.7 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 247.8
 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	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°	51341	51341	51341	51341
5°	49429	36127	38889	54481
10°	44008	19669	19926	46581
15°	43931	13119	8022	44756
20°	52748	6550	3198	52440
25°	64878	4115	2477	64558
30°	78389	3303	1881	77888
35°	91980	2652	1459	91052
40°	111354	2269	945	108282
45°	127395	2048	512	123861
50°	144535	1972	113	138622
55°	174348	1894	0	157179
60°	211084	1593	0	198557
65°	244421	1285	0	222147
70°	247502	1059	0	224001
75°	160174	699	0	171786
80°	54629	208	0	121559
85°	27417	0	0	89317

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	722.6	2.9
10°-20°	1399.2	5.6
20°-30°	1948.8	7.8
30°-40°	2769.0	11.1
40°-50°	3839.9	15.4
50°-60°	5232.0	21.0
60°-70°	5752.2	23.1
70°-80°	2827.2	11.3
80°-90°	461.7	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°	4070.7	16.3
0°-40°	6839.7	27.4
0°-60°	15911.7	63.8
0°-90°	24952.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	24952.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9539	9539	9539	9539	9539	
5°	9149	6687	7198	10084	9149	837
15°	7884	2355	1440	8032	7884	2334
25°	10925	693	417	10871	10925	5079
35°	14000	404	222	13858	14000	8887
45°	16738	269	67	16274	16738	12975
55°	18581	202	0	16751	18581	16715
65°	19193	101	0	17444	19193	18548
75°	7703	34	0	8261	7703	8398
85°	444	0	0	1446	444	614
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°	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4
2.5°	9734.5	9848.9	9741.2	9364.5	9297.2	9115.6	8839.8	8819.6	8530.3	8563.9	8409.2
5°	9149.2	9263.6	9034.9	8537.0	8072.9	7702.8	7480.8	7083.9	6996.5	6801.4	6801.4
7.5°	8550.5	8543.8	8153.6	7736.5	7043.6	6364.1	6054.6	5482.8	5146.4	4964.8	4789.9
10°	8052.7	7945.0	7702.8	6841.7	6088.3	5381.9	4998.4	4621.7	4271.9	3969.2	3666.4
12.5°	7702.8	7770.1	7386.7	6451.6	5476.1	4985.0	4574.6	4177.7	3760.6	3417.5	3081.1
15°	7884.5	7776.8	7326.1	6364.1	5375.2	4702.4	4157.5	3673.1	3209.0	2758.2	2502.6
17.5°	8449.6	8173.8	7642.3	6364.1	5166.6	4271.9	3612.6	3040.8	2542.9	2139.3	1823.1
20°	9209.8	8893.6	8321.8	6599.6	5011.9	3955.7	3054.2	2334.4	1816.4	1439.7	1197.5
22.5°	9990.2	9741.2	8880.1	6693.7	4830.3	3531.9	2408.4	1688.6	1210.9	968.7	847.6
25°	10925.3	10575.4	9633.6	7070.5	4561.2	3121.5	1897.1	1177.3	901.5	773.6	699.6
27.5°	11672.0	11611.4	10340.0	7299.2	4359.3	2785.1	1500.2	935.1	746.7	652.6	605.5
30°	12613.8	12284.2	11201.1	7756.7	4130.6	2401.7	1251.3	840.9	686.2	585.3	551.6
32.5°	13178.9	13024.2	11651.8	8012.3	3875.0	2085.5	1076.4	740.0	625.6	551.6	518.0
35°	13999.7	13690.2	12297.6	8173.8	3740.4	1903.8	968.7	672.7	524.7	450.7	410.4
37.5°	14914.6	14800.2	13071.3	8167.0	3545.3	1796.2	894.7	625.6	497.8	417.1	370.0
40°	15849.7	15385.5	13542.2	8355.4	3444.4	1715.5	840.9	598.7	470.9	396.9	336.4
42.5°	16549.3	16017.9	14087.1	8288.1	3323.3	1574.2	820.7	558.4	450.7	363.3	309.5
45°	16737.7	16549.3	14578.2	8267.9	3235.9	1459.8	787.1	551.6	437.3	343.1	289.3
47.5°	17101.0	16973.2	15183.7	8301.6	3168.6	1372.4	706.4	565.1	417.1	322.9	275.8
50°	17262.4	17033.7	15674.8	8382.3	3013.9	1264.7	632.4	592.0	410.4	316.2	262.4
52.5°	17928.5	17726.6	16347.5	8611.0	2886.0	1123.5	558.4	565.1	423.8	296.0	248.9
55°	18581.0	18352.3	17383.5	9135.8	2704.4	1009.1	477.6	497.8	403.6	269.1	222.0
57.5°	19475.8	19099.0	18076.5	9351.1	2542.9	854.4	423.8	410.4	376.7	242.2	195.1
60°	19610.3	19765.0	17975.5	9216.5	2374.8	753.5	370.0	316.2	403.6	215.3	168.2
62.5°	20061.0	19415.2	17504.6	8907.0	2253.7	692.9	329.6	262.4	349.8	188.4	141.3
65°	19193.2	18715.6	16401.3	7911.4	2098.9	699.6	289.3	215.3	222.0	154.7	114.4
67.5°	17921.7	17545.0	14571.5	6828.3	1944.2	686.2	255.6	188.4	168.2	134.5	100.9
70°	15728.6	14914.6	12378.4	5543.4	1715.5	639.1	215.3	168.2	141.3	107.6	74.0
72.5°	11443.3	11113.6	8880.1	4285.3	1540.6	578.6	201.8	141.3	121.1	80.7	60.5
75°	7702.8	7157.9	5603.9	2812.0	1237.8	504.6	168.2	127.8	94.2	60.5	47.1
77.5°	4070.1	3848.1	3175.3	1338.7	686.2	235.5	94.2	74.0	53.8	47.1	26.9
80°	1762.6	1567.5	1372.4	544.9	242.2	107.6	60.5	40.4	33.6	26.9	13.5
82.5°	901.5	861.1	713.1	235.5	141.3	80.7	33.6	26.9	20.2	13.5	6.7
85°	444.0	457.5	376.7	74.0	80.7	47.1	6.7	6.7	0.0	0.0	0.0
87.5°	33.6	33.6	26.9	13.5	20.2	6.7	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°	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4
2.5°	8348.7	8442.9	8281.4	8382.3	8335.2	8355.4	8375.6	8321.8	8335.2	8523.6	8530.3
5°	6687.0	6868.6	6801.4	6895.6	7057.0	6976.3	7050.3	7036.8	7050.3	7077.2	7198.3
7.5°	4769.7	4715.9	4843.7	5092.6	5381.9	5556.8	5469.4	5422.3	5395.4	5328.1	5408.8
10°	3599.1	3572.2	3538.6	3612.6	3801.0	3996.1	4103.7	3922.1	3821.1	3693.3	3646.2
12.5°	2987.0	2818.8	2724.6	2610.2	2664.0	2839.0	2845.7	2670.8	2509.3	2442.0	2516.0
15°	2354.6	2240.2	2072.0	1910.6	1829.8	1964.4	1850.0	1681.8	1473.3	1446.4	1439.7
17.5°	1681.8	1614.6	1493.5	1426.2	1332.0	1298.4	1177.3	921.7	773.6	733.3	746.7
20°	1143.7	1089.8	1083.1	1022.6	982.2	955.3	760.2	592.0	544.9	551.6	558.4
22.5°	847.6	820.7	787.1	780.4	746.7	713.1	558.4	497.8	464.2	464.2	484.4
25°	692.9	679.5	645.8	632.4	618.9	571.8	470.9	423.8	410.4	396.9	417.1
27.5°	592.0	585.3	565.1	544.9	531.5	484.4	410.4	370.0	356.6	356.6	356.6
30°	531.5	531.5	504.6	464.2	464.2	410.4	349.8	322.9	309.5	309.5	302.7
32.5°	497.8	484.4	450.7	423.8	403.6	349.8	309.5	282.5	262.4	262.4	269.1
35°	403.6	403.6	396.9	376.7	349.8	296.0	262.4	235.5	222.0	215.3	222.0
37.5°	356.6	336.4	309.5	316.2	302.7	255.6	222.0	201.8	181.6	181.6	181.6
40°	322.9	302.7	275.8	255.6	248.9	228.7	195.1	161.5	141.3	134.5	134.5
42.5°	289.3	275.8	235.5	201.8	195.1	195.1	148.0	121.1	100.9	100.9	100.9
45°	269.1	248.9	215.3	174.9	141.3	148.0	121.1	87.5	74.0	67.3	67.3
47.5°	255.6	235.5	188.4	148.0	107.6	107.6	87.5	60.5	47.1	40.4	40.4
50°	235.5	215.3	168.2	121.1	80.7	67.3	53.8	33.6	20.2	13.5	13.5
52.5°	222.0	201.8	148.0	100.9	67.3	47.1	33.6	6.7	0.0	0.0	0.0
55°	201.8	174.9	127.8	80.7	53.8	26.9	6.7	0.0	0.0	0.0	0.0
57.5°	174.9	154.7	100.9	60.5	33.6	6.7	0.0	0.0	0.0	0.0	0.0
60°	148.0	127.8	80.7	47.1	13.5	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	121.1	107.6	60.5	26.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	100.9	80.7	47.1	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	87.5	67.3	33.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	67.3	47.1	20.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	47.1	33.6	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	33.6	20.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	20.2	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	6.7	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°	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4
2.5°	8557.2	8759.0	8947.4	9001.2	9149.2	9559.6	9559.6	9754.7	10104.5	10232.3	10259.2
5°	7218.5	7433.7	7474.1	7891.2	8086.3	8503.4	8779.2	9438.5	9835.4	10084.3	10239.1
7.5°	5489.5	5563.5	5718.3	6108.5	6491.9	6996.5	7521.2	8362.1	9061.8	9344.3	9869.1
10°	3774.1	3996.1	4332.4	4682.3	5281.0	5839.4	6518.8	7312.7	8173.8	8523.6	8974.3
12.5°	2542.9	2852.4	3390.6	3888.4	4440.1	5005.2	5651.0	6713.9	7689.4	8173.8	8624.5
15°	1486.7	1863.5	2327.7	3135.0	3868.2	4500.6	5146.4	6222.8	7406.8	8032.5	8584.1
17.5°	753.5	867.8	1251.3	1950.9	2919.7	3955.7	4917.7	6290.1	7622.1	8389.0	8846.5
20°	565.1	598.7	706.4	1036.0	1998.0	3269.5	4702.4	6391.0	8220.9	9156.0	9404.9
22.5°	491.1	518.0	565.1	672.7	1123.5	2502.6	4399.7	6639.9	9034.9	9916.2	10440.9
25°	417.1	444.0	484.4	551.6	719.8	1702.0	4029.7	6902.3	9761.4	10871.4	11362.5
27.5°	363.3	383.5	423.8	477.6	585.3	1083.1	3390.6	7252.1	10871.4	12028.5	12156.4
30°	309.5	329.6	363.3	423.8	497.8	766.9	2489.1	7299.2	11483.6	12533.1	12889.7
32.5°	269.1	275.8	316.2	370.0	417.1	605.5	1749.1	7346.3	11934.4	13185.7	13259.7
35°	222.0	235.5	275.8	309.5	363.3	477.6	1325.3	7110.8	12519.6	13858.4	13838.2
37.5°	181.6	201.8	228.7	255.6	296.0	403.6	1056.2	6673.6	13252.9	14901.1	14268.8
40°	141.3	161.5	188.4	222.0	248.9	363.3	793.8	6014.3	14019.8	15412.4	14739.7
42.5°	100.9	114.4	141.3	174.9	222.0	302.7	571.8	5233.9	14322.6	16011.2	15304.8
45°	74.0	87.5	107.6	148.0	228.7	242.2	396.9	4520.8	14645.5	16273.5	15177.0
47.5°	40.4	53.8	80.7	127.8	201.8	181.6	282.5	3881.7	15015.5	16509.0	15277.9
50°	13.5	20.2	47.1	134.5	161.5	141.3	222.0	3538.6	15378.8	16556.1	15479.7
52.5°	0.0	0.0	26.9	141.3	121.1	107.6	195.1	3404.1	15284.6	16704.1	15351.9
55°	0.0	0.0	6.7	60.5	67.3	80.7	161.5	3397.3	15950.6	16751.2	16051.5
57.5°	0.0	0.0	0.0	20.2	40.4	67.3	141.3	3182.0	16374.4	17921.7	16993.3
60°	0.0	0.0	0.0	6.7	26.9	47.1	107.6	2993.7	16805.0	18446.5	18002.5
62.5°	0.0	0.0	0.0	0.0	6.7	20.2	74.0	2704.4	15937.2	18406.1	18977.9
65°	0.0	0.0	0.0	0.0	0.0	0.0	47.1	2139.3	14336.0	17444.1	18439.7
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	26.9	1480.0	12553.3	16233.2	17450.8
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	894.7	10131.4	14235.1	14800.2
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	383.5	7231.9	11302.0	12142.9
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	154.7	4473.7	8261.2	9297.2
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.5	2899.5	6256.5	7057.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	1547.3	3922.1	4561.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	672.7	2381.5	2744.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	215.3	1446.4	1648.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	222.0	296.0
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: P599250
 CATALOG NUMBER: IFLD-L-SA8A-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4	9539.4
2.5°	10272.7	10467.8	10541.8	10427.4	10440.9	10205.4	10171.8	9842.1	9707.6	9734.5
5°	10743.6	11026.2	11180.9	11053.1	10763.8	10313.1	9902.7	9512.5	9270.3	9149.2
7.5°	10636.0	10952.2	11147.3	11268.4	10938.7	10212.2	9586.5	8853.2	8543.8	8550.5
10°	10044.0	10703.3	11100.2	10945.4	10790.7	10064.2	9095.4	8301.6	8025.8	8052.7
12.5°	9566.3	10299.6	10535.1	10656.2	10340.0	9761.4	9108.9	8200.7	7891.2	7702.8
15°	9270.3	9815.2	9828.7	10017.1	9889.2	9889.2	9250.1	8362.1	8093.0	7884.5
17.5°	9270.3	9391.4	9378.0	9445.2	9660.5	9916.2	9606.7	9014.7	8483.2	8449.6
20°	9478.9	9102.1	9014.7	9041.6	9223.2	9983.4	10393.8	9653.8	9317.4	9209.8
22.5°	9963.2	9135.8	8604.3	8510.1	9068.5	9976.7	10898.3	10662.9	10077.6	9990.2
25°	10629.3	9075.2	8496.7	8375.6	8799.4	10218.9	11591.3	11638.4	11106.9	10925.3
27.5°	11261.6	9344.3	8483.2	8456.3	9014.7	10165.1	12068.9	12418.7	11820.0	11672.0
30°	11476.9	9613.4	8732.1	8375.6	9095.4	10360.2	12055.5	12970.4	12580.2	12613.8
32.5°	11732.5	9882.5	8759.0	8617.8	9438.5	10676.3	12438.9	13858.4	13575.8	13178.9
35°	12109.3	10245.8	9014.7	8886.9	9680.7	10958.9	12519.6	14510.9	14463.9	13999.7
37.5°	12432.2	10602.3	9546.1	9566.3	10420.7	11416.4	12876.2	15311.5	15230.8	14914.6
40°	12660.9	11100.2	10373.6	10427.4	11066.5	11927.6	13508.6	15715.1	16313.9	15849.7
42.5°	12694.6	11544.2	11322.2	11752.7	12351.5	12721.5	13764.2	15991.0	16852.1	16549.3
45°	12822.4	12250.5	12869.5	13185.7	13676.8	13421.1	13750.8	16461.9	16892.4	16737.7
47.5°	13320.2	13535.5	14315.9	15277.9	15452.8	14611.9	14073.7	16535.9	17121.2	17101.0
50°	13838.2	14914.6	16011.2	16650.3	16872.3	15432.6	14376.4	16475.3	17423.9	17262.4
52.5°	14416.8	16112.1	17693.0	18480.1	18359.0	16340.8	14719.5	16966.4	17982.3	17928.5
55°	14780.0	16650.3	18776.1	19872.7	19778.5	17356.6	15809.3	17672.8	18715.6	18581.0
57.5°	15742.1	17524.8	19852.5	20363.8	20612.7	18688.6	16569.5	18829.9	19327.7	19475.8
60°	16535.9	18096.6	20135.0	20875.0	20962.5	19482.5	17901.5	20020.7	20108.1	19610.3
62.5°	17699.7	18318.6	19536.3	20202.3	20653.0	19933.2	19099.0	20659.8	20094.7	20061.0
65°	18554.1	17592.1	18419.6	18789.6	19078.8	19247.0	20303.2	21097.0	19845.8	19193.2
67.5°	18076.5	16219.7	16065.0	16085.2	16172.6	17188.4	19899.6	20027.4	18459.9	17921.7
70°	15910.2	13306.7	13098.2	13259.7	12822.4	14046.8	18264.8	18204.3	16287.0	15728.6
72.5°	12869.5	9700.9	9344.3	9566.3	9667.2	10965.6	15365.3	13804.6	11880.5	11443.3
75°	10225.6	7110.8	6000.8	6539.0	6882.1	7985.4	12001.6	9378.0	8294.9	7702.8
77.5°	8032.5	5381.9	4668.8	4453.5	4769.7	5805.7	8732.1	4924.4	4345.9	4070.1
80°	5092.6	3955.7	4292.1	3982.6	4117.2	4144.1	4547.7	2240.2	1782.8	1762.6
82.5°	3067.7	2704.4	3215.7	1769.3	3222.4	2879.3	1890.4	1015.8	901.5	901.5
85°	2172.9	1675.1	1110.0	719.8	1432.9	1580.9	733.3	524.7	457.5	444.0
87.5°	1089.8	518.0	248.9	161.5	181.6	296.0	87.5	40.4	40.4	33.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)