

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: P599346

Luminaire Tested: **IFLD-S-SA3A-830-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: P599346
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3A-830-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (48) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

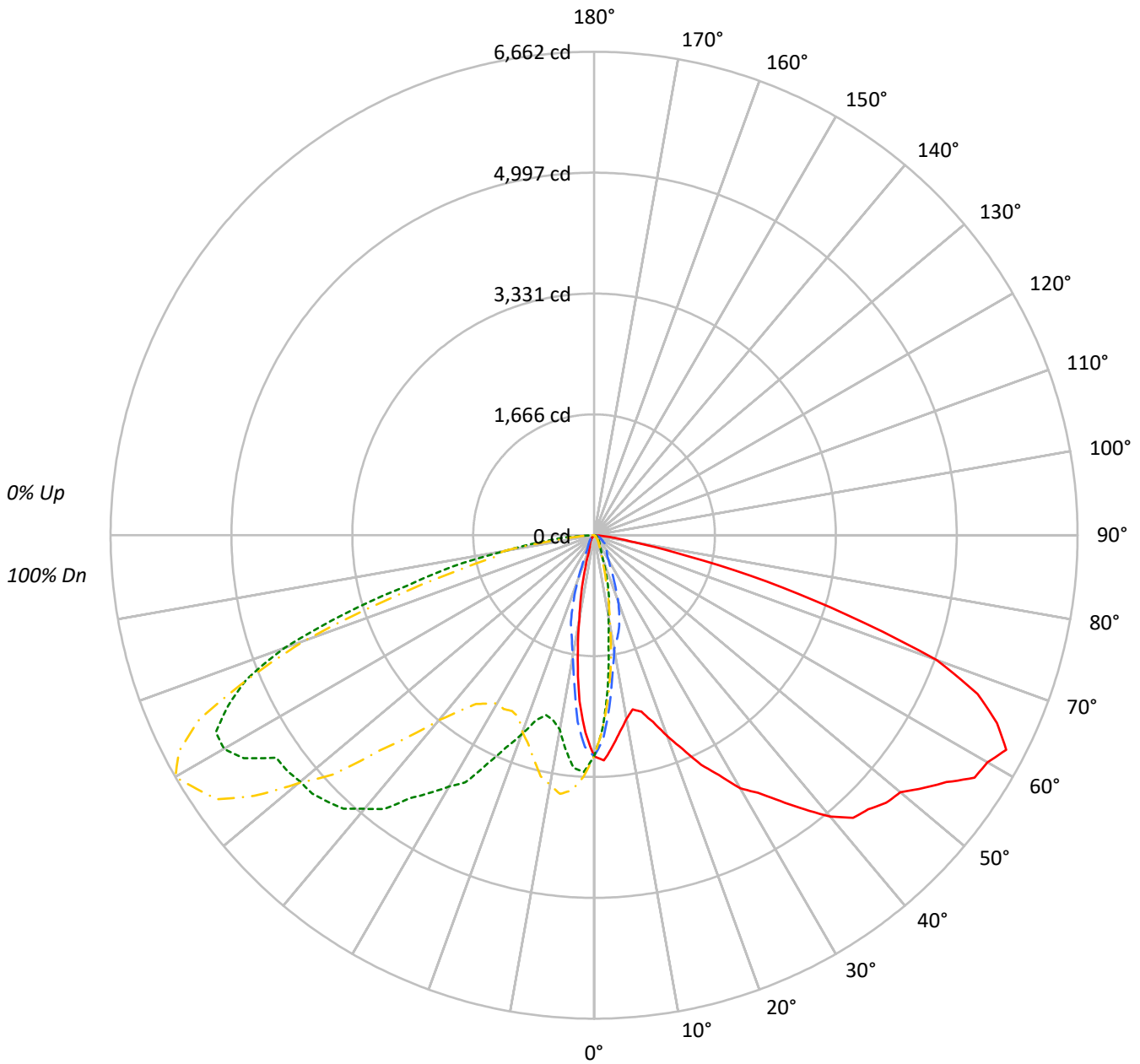
Lumens per Lamp: N/A
 Luminaire Lumens: 7963.4 lumens
 Efficiency: N/A
 Efficacy: 84.0 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 94.8
 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	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°	43693	43693	43693	43693
5°	42066	30745	33097	46365
10°	37452	16739	16959	39642
15°	37388	11164	6827	38089
20°	44890	5575	2722	44628
25°	55214	3501	2108	54941
30°	66713	2811	1601	66285
35°	78278	2257	1242	77489
40°	94768	1932	804	92152
45°	108419	1743	436	105411
50°	123005	1677	96	117972
55°	148376	1611	0	133766
60°	179640	1355	0	168979
65°	208012	1093	0	189056
70°	210633	902	0	190634
75°	136316	593	0	146198
80°	46490	174	0	103452
85°	23334	0	0	76011

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	230.6	2.9
10°-20°	446.6	5.6
20°-30°	621.9	7.8
30°-40°	883.7	11.1
40°-50°	1225.5	15.4
50°-60°	1669.8	21.0
60°-70°	1835.8	23.1
70°-80°	902.3	11.3
80°-90°	147.3	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°	1299.1	16.3
0°-40°	2182.8	27.4
0°-60°	5078.0	63.8
0°-90°	7963.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7963.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3044	3044	3044	3044	3044	
5°	2920	2134	2297	3218	2920	267
15°	2516	751	460	2564	2516	745
25°	3487	221	133	3470	3487	1621
35°	4468	129	71	4423	4468	2836
45°	5342	86	22	5194	5342	4141
55°	5930	64	0	5346	5930	5334
65°	6125	32	0	5567	6125	5919
75°	2458	11	0	2636	2458	2680
85°	142	0	0	462	142	196
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°	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4
2.5°	3106.7	3143.2	3108.8	2988.6	2967.1	2909.1	2821.1	2814.7	2722.4	2733.1	2683.7
5°	2919.9	2956.4	2883.4	2724.5	2576.4	2458.3	2387.4	2260.8	2232.9	2170.6	2170.6
7.5°	2728.8	2726.7	2602.1	2469.0	2247.9	2031.0	1932.3	1749.8	1642.4	1584.5	1528.6
10°	2569.9	2535.6	2458.3	2183.5	1943.0	1717.6	1595.2	1475.0	1363.3	1266.7	1170.1
12.5°	2458.3	2479.8	2357.4	2058.9	1747.6	1590.9	1459.9	1333.3	1200.2	1090.7	983.3
15°	2516.3	2481.9	2338.1	2031.0	1715.4	1500.7	1326.8	1172.2	1024.1	880.3	798.7
17.5°	2696.6	2608.6	2439.0	2031.0	1648.9	1363.3	1152.9	970.4	811.6	682.7	581.8
20°	2939.2	2838.3	2655.8	2106.2	1599.5	1262.4	974.7	745.0	579.7	459.5	382.2
22.5°	3188.3	3108.8	2834.0	2136.2	1541.5	1127.2	768.6	538.9	386.5	309.2	270.5
25°	3486.7	3375.0	3074.5	2256.5	1455.6	996.2	605.4	375.7	287.7	246.9	223.3
27.5°	3725.0	3705.7	3299.9	2329.5	1391.2	888.8	478.8	298.4	238.3	208.3	193.2
30°	4025.6	3920.4	3574.7	2475.5	1318.2	766.5	399.3	268.4	219.0	186.8	176.1
32.5°	4205.9	4156.5	3718.6	2557.0	1236.7	665.6	343.5	236.2	199.7	176.1	165.3
35°	4467.8	4369.1	3924.7	2608.6	1193.7	607.6	309.2	214.7	167.5	143.8	131.0
37.5°	4759.8	4723.3	4171.6	2606.4	1131.5	573.2	285.5	199.7	158.9	133.1	118.1
40°	5058.3	4910.1	4321.9	2666.5	1099.2	547.5	268.4	191.1	150.3	126.7	107.3
42.5°	5281.6	5111.9	4495.8	2645.1	1060.6	502.4	261.9	178.2	143.8	115.9	98.8
45°	5341.7	5281.6	4652.5	2638.6	1032.7	465.9	251.2	176.1	139.6	109.5	92.3
47.5°	5457.6	5416.8	4845.7	2649.4	1011.2	438.0	225.4	180.3	133.1	103.1	88.0
50°	5509.1	5436.1	5002.4	2675.1	961.8	403.6	201.8	188.9	131.0	100.9	83.7
52.5°	5721.7	5657.3	5217.1	2748.1	921.1	358.5	178.2	180.3	135.3	94.5	79.4
55°	5929.9	5856.9	5547.8	2915.6	863.1	322.0	152.4	158.9	128.8	85.9	70.9
57.5°	6215.5	6095.3	5768.9	2984.3	811.6	272.7	135.3	131.0	120.2	77.3	62.3
60°	6258.4	6307.8	5736.7	2941.4	757.9	240.5	118.1	100.9	128.8	68.7	53.7
62.5°	6402.3	6196.2	5586.4	2842.6	719.2	221.1	105.2	83.7	111.6	60.1	45.1
65°	6125.3	5972.9	5234.3	2524.8	669.9	223.3	92.3	68.7	70.9	49.4	36.5
67.5°	5719.5	5599.3	4650.3	2179.2	620.5	219.0	81.6	60.1	53.7	42.9	32.2
70°	5019.6	4759.8	3950.4	1769.1	547.5	204.0	68.7	53.7	45.1	34.4	23.6
72.5°	3652.0	3546.8	2834.0	1367.6	491.7	184.6	64.4	45.1	38.6	25.8	19.3
75°	2458.3	2284.4	1788.4	897.4	395.0	161.0	53.7	40.8	30.1	19.3	15.0
77.5°	1298.9	1228.1	1013.4	427.2	219.0	75.1	30.1	23.6	17.2	15.0	8.6
80°	562.5	500.2	438.0	173.9	77.3	34.4	19.3	12.9	10.7	8.6	4.3
82.5°	287.7	274.8	227.6	75.1	45.1	25.8	10.7	8.6	6.4	4.3	2.1
85°	141.7	146.0	120.2	23.6	25.8	15.0	2.1	2.1	0.0	0.0	0.0
87.5°	10.7	10.7	8.6	4.3	6.4	2.1	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°	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4
2.5°	2664.4	2694.5	2642.9	2675.1	2660.1	2666.5	2673.0	2655.8	2660.1	2720.2	2722.4
5°	2134.1	2192.1	2170.6	2200.6	2252.2	2226.4	2250.0	2245.7	2250.0	2258.6	2297.3
7.5°	1522.2	1505.0	1545.8	1625.3	1717.6	1773.4	1745.5	1730.5	1721.9	1700.4	1726.2
10°	1148.6	1140.0	1129.3	1152.9	1213.0	1275.3	1309.7	1251.7	1219.5	1178.7	1163.7
12.5°	953.3	899.6	869.5	833.0	850.2	906.0	908.2	852.3	800.8	779.4	803.0
15°	751.4	714.9	661.3	609.7	584.0	626.9	590.4	536.7	470.2	461.6	459.5
17.5°	536.7	515.3	476.6	455.2	425.1	414.4	375.7	294.1	246.9	234.0	238.3
20°	365.0	347.8	345.7	326.3	313.5	304.9	242.6	188.9	173.9	176.1	178.2
22.5°	270.5	261.9	251.2	249.0	238.3	227.6	178.2	158.9	148.1	148.1	154.6
25°	221.1	216.8	206.1	201.8	197.5	182.5	150.3	135.3	131.0	126.7	133.1
27.5°	188.9	186.8	180.3	173.9	169.6	154.6	131.0	118.1	113.8	113.8	113.8
30°	169.6	169.6	161.0	148.1	148.1	131.0	111.6	103.1	98.8	98.8	96.6
32.5°	158.9	154.6	143.8	135.3	128.8	111.6	98.8	90.2	83.7	83.7	85.9
35°	128.8	128.8	126.7	120.2	111.6	94.5	83.7	75.1	70.9	68.7	70.9
37.5°	113.8	107.3	98.8	100.9	96.6	81.6	70.9	64.4	58.0	58.0	58.0
40°	103.1	96.6	88.0	81.6	79.4	73.0	62.3	51.5	45.1	42.9	42.9
42.5°	92.3	88.0	75.1	64.4	62.3	62.3	47.2	38.6	32.2	32.2	32.2
45°	85.9	79.4	68.7	55.8	45.1	47.2	38.6	27.9	23.6	21.5	21.5
47.5°	81.6	75.1	60.1	47.2	34.4	34.4	27.9	19.3	15.0	12.9	12.9
50°	75.1	68.7	53.7	38.6	25.8	21.5	17.2	10.7	6.4	4.3	4.3
52.5°	70.9	64.4	47.2	32.2	21.5	15.0	10.7	2.1	0.0	0.0	0.0
55°	64.4	55.8	40.8	25.8	17.2	8.6	2.1	0.0	0.0	0.0	0.0
57.5°	55.8	49.4	32.2	19.3	10.7	2.1	0.0	0.0	0.0	0.0	0.0
60°	47.2	40.8	25.8	15.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	38.6	34.4	19.3	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	32.2	25.8	15.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	27.9	21.5	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	21.5	15.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	15.0	10.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	10.7	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	6.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.1	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°	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4
2.5°	2730.9	2795.4	2855.5	2872.6	2919.9	3050.8	3050.8	3113.1	3224.8	3265.5	3274.1
5°	2303.7	2372.4	2385.3	2518.4	2580.7	2713.8	2801.8	3012.2	3138.9	3218.3	3267.7
7.5°	1751.9	1775.5	1824.9	1949.5	2071.8	2232.9	2400.3	2668.7	2892.0	2982.1	3149.6
10°	1204.5	1275.3	1382.7	1494.3	1685.4	1863.6	2080.4	2333.8	2608.6	2720.2	2864.1
12.5°	811.6	910.3	1082.1	1240.9	1417.0	1597.3	1803.5	2142.7	2454.0	2608.6	2752.4
15°	474.5	594.7	742.9	1000.5	1234.5	1436.3	1642.4	1985.9	2363.8	2563.5	2739.5
17.5°	240.5	277.0	399.3	622.6	931.8	1262.4	1569.4	2007.4	2432.5	2677.3	2823.3
20°	180.3	191.1	225.4	330.6	637.7	1043.4	1500.7	2039.6	2623.6	2922.0	3001.5
22.5°	156.7	165.3	180.3	214.7	358.5	798.7	1404.1	2119.1	2883.4	3164.6	3332.1
25°	133.1	141.7	154.6	176.1	229.7	543.2	1286.0	2202.8	3115.3	3469.5	3626.2
27.5°	115.9	122.4	135.3	152.4	186.8	345.7	1082.1	2314.4	3469.5	3838.8	3879.6
30°	98.8	105.2	115.9	135.3	158.9	244.8	794.4	2329.5	3664.9	3999.8	4113.6
32.5°	85.9	88.0	100.9	118.1	133.1	193.2	558.2	2344.5	3808.7	4208.1	4231.7
35°	70.9	75.1	88.0	98.8	115.9	152.4	423.0	2269.3	3995.5	4422.8	4416.3
37.5°	58.0	64.4	73.0	81.6	94.5	128.8	337.1	2129.8	4229.5	4755.5	4553.7
40°	45.1	51.5	60.1	70.9	79.4	115.9	253.3	1919.4	4474.3	4918.7	4704.0
42.5°	32.2	36.5	45.1	55.8	70.9	96.6	182.5	1670.3	4570.9	5109.8	4884.4
45°	23.6	27.9	34.4	47.2	73.0	77.3	126.7	1442.8	4674.0	5193.5	4843.6
47.5°	12.9	17.2	25.8	40.8	64.4	58.0	90.2	1238.8	4792.0	5268.7	4875.8
50°	4.3	6.4	15.0	42.9	51.5	45.1	70.9	1129.3	4908.0	5283.7	4940.2
52.5°	0.0	0.0	8.6	45.1	38.6	34.4	62.3	1086.4	4877.9	5330.9	4899.4
55°	0.0	0.0	2.1	19.3	21.5	25.8	51.5	1084.2	5090.5	5346.0	5122.7
57.5°	0.0	0.0	0.0	6.4	12.9	21.5	45.1	1015.5	5225.7	5719.5	5423.3
60°	0.0	0.0	0.0	2.1	8.6	15.0	34.4	955.4	5363.1	5887.0	5745.3
62.5°	0.0	0.0	0.0	0.0	2.1	6.4	23.6	863.1	5086.2	5874.1	6056.6
65°	0.0	0.0	0.0	0.0	0.0	0.0	15.0	682.7	4575.2	5567.1	5884.9
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	8.6	472.3	4006.3	5180.6	5569.2
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	285.5	3233.3	4543.0	4723.3
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122.4	2308.0	3606.9	3875.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.4	1427.7	2636.5	2967.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.3	925.3	1996.7	2252.2
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	493.8	1251.7	1455.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	214.7	760.0	876.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.7	461.6	526.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.9	94.5
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: P599346
 CATALOG NUMBER: IFLD-S-SA3A-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4	3044.4
2.5°	3278.4	3340.7	3364.3	3327.8	3332.1	3257.0	3246.2	3141.0	3098.1	3106.7
5°	3428.7	3518.9	3568.3	3527.5	3435.2	3291.3	3160.3	3035.8	2958.5	2919.9
7.5°	3394.4	3495.3	3557.5	3596.2	3491.0	3259.1	3059.4	2825.4	2726.7	2728.8
10°	3205.4	3415.8	3542.5	3493.1	3443.7	3211.9	2902.7	2649.4	2561.3	2569.9
12.5°	3053.0	3287.0	3362.2	3400.8	3299.9	3115.3	2907.0	2617.2	2518.4	2458.3
15°	2958.5	3132.4	3136.7	3196.8	3156.0	3156.0	2952.1	2668.7	2582.8	2516.3
17.5°	2958.5	2997.2	2992.9	3014.3	3083.1	3164.6	3065.9	2876.9	2707.3	2696.6
20°	3025.1	2904.9	2876.9	2885.5	2943.5	3186.1	3317.1	3080.9	2973.6	2939.2
22.5°	3179.7	2915.6	2746.0	2715.9	2894.1	3184.0	3478.1	3403.0	3216.2	3188.3
25°	3392.2	2896.3	2711.6	2673.0	2808.2	3261.3	3699.2	3714.3	3544.7	3486.7
27.5°	3594.0	2982.1	2707.3	2698.7	2876.9	3244.1	3851.7	3963.3	3772.2	3725.0
30°	3662.7	3068.0	2786.8	2673.0	2902.7	3306.3	3847.4	4139.4	4014.8	4025.6
32.5°	3744.3	3153.9	2795.4	2750.3	3012.2	3407.2	3969.8	4422.8	4332.6	4205.9
35°	3864.5	3269.8	2876.9	2836.2	3089.5	3497.4	3995.5	4631.0	4616.0	4467.8
37.5°	3967.6	3383.6	3046.6	3053.0	3325.7	3643.4	4109.3	4886.5	4860.7	4759.8
40°	4040.6	3542.5	3310.6	3327.8	3531.8	3806.6	4311.1	5015.3	5206.4	5058.3
42.5°	4051.3	3684.2	3613.4	3750.8	3941.8	4059.9	4392.7	5103.4	5378.2	5281.6
45°	4092.1	3909.6	4107.2	4208.1	4364.8	4283.2	4388.4	5253.6	5391.0	5341.7
47.5°	4251.0	4319.7	4568.8	4875.8	4931.6	4663.2	4491.5	5277.3	5464.0	5457.6
50°	4416.3	4759.8	5109.8	5313.8	5384.6	4925.2	4588.1	5257.9	5560.7	5509.1
52.5°	4601.0	5142.0	5646.5	5897.7	5859.1	5215.0	4697.6	5414.7	5738.9	5721.7
55°	4716.9	5313.8	5992.2	6342.2	6312.1	5539.2	5045.4	5640.1	5972.9	5929.9
57.5°	5023.9	5592.9	6335.7	6498.9	6578.3	5964.3	5288.0	6009.4	6168.3	6215.5
60°	5277.3	5775.4	6425.9	6662.1	6690.0	6217.6	5713.1	6389.4	6417.3	6258.4
62.5°	5648.7	5846.2	6234.8	6447.4	6591.2	6361.5	6095.3	6593.4	6413.0	6402.3
65°	5921.3	5614.3	5878.4	5996.5	6088.8	6142.5	6479.6	6732.9	6333.6	6125.3
67.5°	5768.9	5176.3	5127.0	5133.4	5161.3	5485.5	6350.7	6391.5	5891.3	5719.5
70°	5077.6	4246.7	4180.2	4231.7	4092.1	4482.9	5829.0	5809.7	5197.8	5019.6
72.5°	4107.2	3095.9	2982.1	3053.0	3085.2	3499.6	4903.7	4405.6	3791.6	3652.0
75°	3263.4	2269.3	1915.1	2086.9	2196.4	2548.5	3830.2	2992.9	2647.2	2458.3
77.5°	2563.5	1717.6	1490.0	1421.3	1522.2	1852.8	2786.8	1571.6	1386.9	1298.9
80°	1625.3	1262.4	1369.8	1271.0	1313.9	1322.5	1451.4	714.9	568.9	562.5
82.5°	979.0	863.1	1026.3	564.7	1028.4	918.9	603.3	324.2	287.7	287.7
85°	693.5	534.6	354.3	229.7	457.3	504.5	234.0	167.5	146.0	141.7
87.5°	347.8	165.3	79.4	51.5	58.0	94.5	27.9	12.9	12.9	10.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)