

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: P599343

Luminaire Tested: **IFLD-S-SA2C-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: P599343
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2C-830-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (32) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

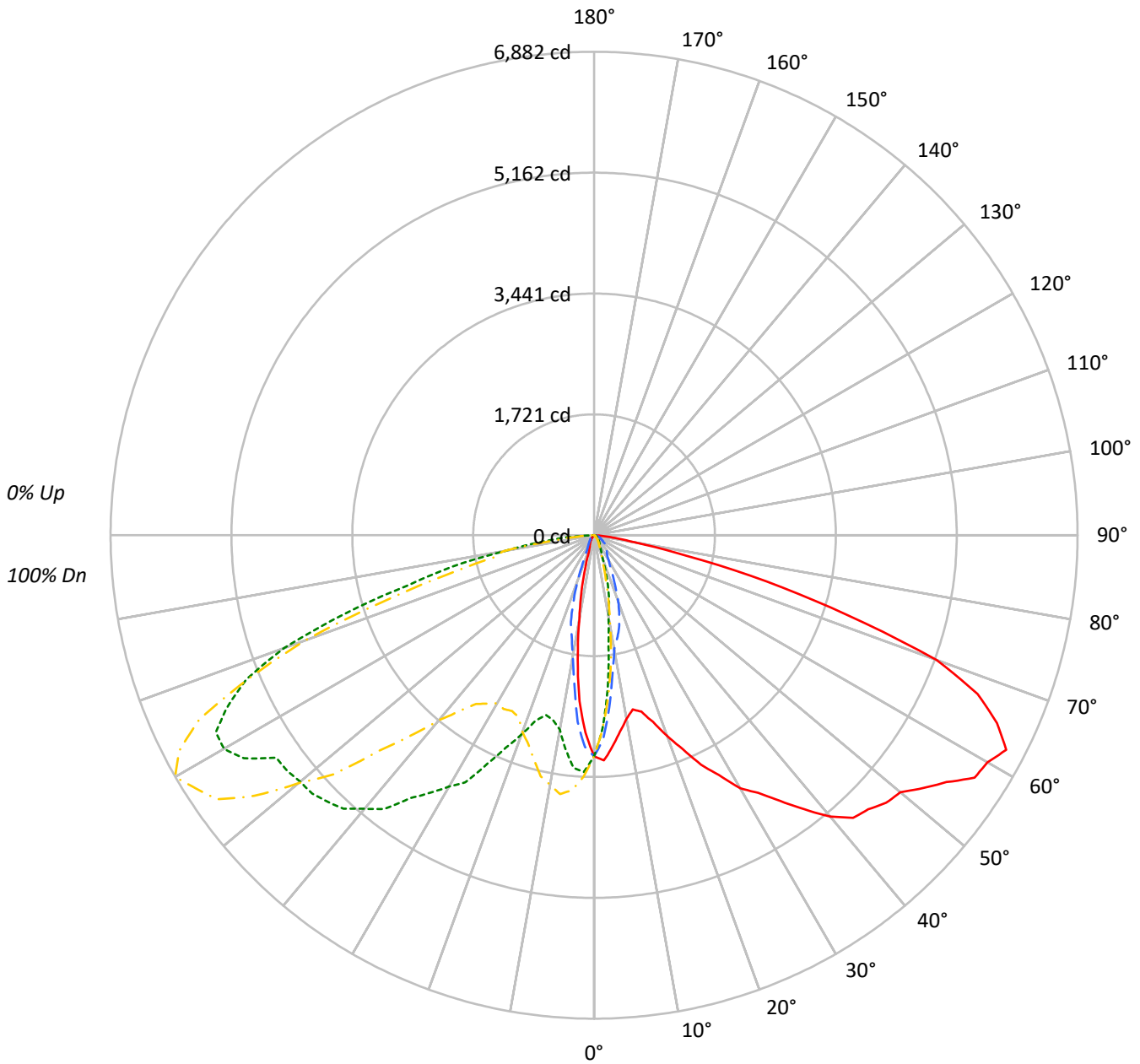
Lumens per Lamp: N/A
 Luminaire Lumens: 8226.7 lumens
 Efficiency: N/A
 Efficacy: 76.0 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 108.2
 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

TEST NUMBER: P599343
CATALOG NUMBER: IFLD-S-SA2C-830-U-SLR-HSS

Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: IFLD-S-SA2C-830-U-SLR-HSS

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°	67707	67707	67707	67707
5°	65185	47642	51285	71847
10°	58036	25939	26278	61429
15°	57933	17302	10578	59021
20°	69562	8639	4218	69154
25°	85560	5425	3266	85137
30°	103378	4355	2481	102714
35°	121301	3498	1924	120076
40°	146850	2993	1248	142798
45°	168004	2700	676	163343
50°	190609	2599	147	182809
55°	229925	2496	0	207281
60°	278368	2101	0	261847
65°	322333	1696	0	292961
70°	326398	1397	0	295405
75°	211237	923	0	226541
80°	72041	273	0	160311
85°	36161	0	0	117796

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 CATALOG NUMBER: IFLD-S-SA2C-830-U-SLR-HSS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	238.2	2.9
10°-20°	461.3	5.6
20°-30°	642.5	7.8
30°-40°	912.9	11.1
40°-50°	1266.0	15.4
50°-60°	1725.0	21.0
60°-70°	1896.5	23.1
70°-80°	932.1	11.3
80°-90°	152.2	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°	1342.1	16.3
0°-40°	2255.0	27.4
0°-60°	5245.9	63.8
0°-90°	8226.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8226.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3145	3145	3145	3145	3145	
5°	3016	2205	2373	3325	3016	276
15°	2599	776	475	2648	2599	769
25°	3602	228	138	3584	3602	1675
35°	4616	133	73	4569	4616	2930
45°	5518	89	22	5365	5518	4278
55°	6126	66	0	5523	6126	5511
65°	6328	33	0	5751	6328	6115
75°	2540	11	0	2724	2540	2769
85°	146	0	0	477	146	202
90°	0	0	0	0	0	

TEST NUMBER: P599343
 CATALOG NUMBER: IFLD-S-SA2C-830-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1
2.5°	3209.4	3247.1	3211.6	3087.4	3065.2	3005.3	2914.4	2907.7	2812.4	2823.5	2772.4
5°	3016.4	3054.1	2978.7	2814.6	2661.5	2539.6	2466.4	2335.5	2306.7	2242.4	2242.4
7.5°	2819.0	2816.8	2688.2	2550.6	2322.2	2098.2	1996.2	1807.6	1696.7	1636.9	1579.2
10°	2654.9	2619.4	2539.6	2255.7	2007.2	1774.4	1647.9	1523.7	1408.4	1308.6	1208.8
12.5°	2539.6	2561.7	2435.3	2127.0	1805.4	1643.5	1508.2	1377.3	1239.8	1126.7	1015.8
15°	2599.4	2564.0	2415.4	2098.2	1772.1	1550.3	1370.7	1211.0	1058.0	909.4	825.1
17.5°	2785.8	2694.8	2519.6	2098.2	1703.4	1408.4	1191.0	1002.5	838.4	705.3	601.1
20°	3036.4	2932.1	2743.6	2175.8	1652.4	1304.2	1007.0	769.6	598.8	474.6	394.8
22.5°	3293.7	3211.6	2927.7	2206.9	1592.5	1164.4	794.0	556.7	399.2	319.4	279.5
25°	3602.0	3486.6	3176.1	2331.1	1503.8	1029.1	625.5	388.1	297.2	255.1	230.7
27.5°	3848.2	3828.2	3409.0	2406.5	1437.2	918.2	494.6	308.3	246.2	215.1	199.6
30°	4158.7	4050.0	3692.9	2557.3	1361.8	791.8	412.5	277.2	226.2	193.0	181.9
32.5°	4345.0	4294.0	3841.5	2641.6	1277.5	687.6	354.9	244.0	206.3	181.9	170.8
35°	4615.6	4513.5	4054.4	2694.8	1233.2	627.7	319.4	221.8	173.0	148.6	135.3
37.5°	4917.2	4879.5	4309.5	2692.6	1168.9	592.2	295.0	206.3	164.1	137.5	122.0
40°	5225.5	5072.5	4464.7	2754.7	1135.6	565.6	277.2	197.4	155.3	130.9	110.9
42.5°	5456.2	5280.9	4644.4	2732.5	1095.7	519.0	270.6	184.1	148.6	119.8	102.0
45°	5518.3	5456.2	4806.3	2725.9	1066.8	481.3	259.5	181.9	144.2	113.1	95.4
47.5°	5638.0	5595.9	5005.9	2737.0	1044.7	452.5	232.9	186.3	137.5	106.5	90.9
50°	5691.3	5615.9	5167.8	2763.6	993.6	417.0	208.5	195.2	135.3	104.2	86.5
52.5°	5910.8	5844.3	5389.6	2839.0	951.5	370.4	184.1	186.3	139.7	97.6	82.1
55°	6126.0	6050.6	5731.2	3012.0	891.6	332.7	157.5	164.1	133.1	88.7	73.2
57.5°	6421.0	6296.8	5959.6	3083.0	838.4	281.7	139.7	135.3	124.2	79.8	64.3
60°	6465.3	6516.3	5926.4	3038.6	782.9	248.4	122.0	104.2	133.1	71.0	55.4
62.5°	6613.9	6401.0	5771.1	2936.6	743.0	228.4	108.7	86.5	115.3	62.1	46.6
65°	6327.8	6170.3	5407.4	2608.3	692.0	230.7	95.4	71.0	73.2	51.0	37.7
67.5°	5908.6	5784.4	4804.1	2251.2	641.0	226.2	84.3	62.1	55.4	44.4	33.3
70°	5185.6	4917.2	4081.0	1827.6	565.6	210.7	71.0	55.4	46.6	35.5	24.4
72.5°	3772.7	3664.1	2927.7	1412.8	507.9	190.7	66.5	46.6	39.9	26.6	20.0
75°	2539.6	2359.9	1847.6	927.1	408.1	166.3	55.4	42.1	31.1	20.0	15.5
77.5°	1341.9	1268.7	1046.9	441.4	226.2	77.6	31.1	24.4	17.7	15.5	8.9
80°	581.1	516.8	452.5	179.7	79.8	35.5	20.0	13.3	11.1	8.9	4.4
82.5°	297.2	283.9	235.1	77.6	46.6	26.6	11.1	8.9	6.7	4.4	2.2
85°	146.4	150.8	124.2	24.4	26.6	15.5	2.2	2.2	0.0	0.0	0.0
87.5°	11.1	11.1	8.9	4.4	6.7	2.2	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

TEST NUMBER: P599343
 CATALOG NUMBER: IFLD-S-SA2C-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1
2.5°	2752.5	2783.5	2730.3	2763.6	2748.0	2754.7	2761.4	2743.6	2748.0	2810.1	2812.4
5°	2204.6	2264.5	2242.4	2273.4	2326.6	2300.0	2324.4	2320.0	2324.4	2333.3	2373.2
7.5°	1572.5	1554.8	1596.9	1679.0	1774.4	1832.0	1803.2	1787.7	1778.8	1756.6	1783.2
10°	1186.6	1177.7	1166.6	1191.0	1253.1	1317.5	1353.0	1293.1	1259.8	1217.7	1202.1
12.5°	984.8	929.3	898.3	860.6	878.3	936.0	938.2	880.5	827.3	805.1	829.5
15°	776.3	738.6	683.1	629.9	603.3	647.6	609.9	554.5	485.7	476.9	474.6
17.5°	554.5	532.3	492.4	470.2	439.2	428.1	388.1	303.9	255.1	241.8	246.2
20°	377.1	359.3	357.1	337.1	323.8	314.9	250.6	195.2	179.7	181.9	184.1
22.5°	279.5	270.6	259.5	257.3	246.2	235.1	184.1	164.1	153.0	153.0	159.7
25°	228.4	224.0	212.9	208.5	204.1	188.5	155.3	139.7	135.3	130.9	137.5
27.5°	195.2	193.0	186.3	179.7	175.2	159.7	135.3	122.0	117.6	117.6	117.6
30°	175.2	175.2	166.3	153.0	153.0	135.3	115.3	106.5	102.0	102.0	99.8
32.5°	164.1	159.7	148.6	139.7	133.1	115.3	102.0	93.2	86.5	86.5	88.7
35°	133.1	133.1	130.9	124.2	115.3	97.6	86.5	77.6	73.2	71.0	73.2
37.5°	117.6	110.9	102.0	104.2	99.8	84.3	73.2	66.5	59.9	59.9	59.9
40°	106.5	99.8	90.9	84.3	82.1	75.4	64.3	53.2	46.6	44.4	44.4
42.5°	95.4	90.9	77.6	66.5	64.3	64.3	48.8	39.9	33.3	33.3	33.3
45°	88.7	82.1	71.0	57.7	46.6	48.8	39.9	28.8	24.4	22.2	22.2
47.5°	84.3	77.6	62.1	48.8	35.5	35.5	28.8	20.0	15.5	13.3	13.3
50°	77.6	71.0	55.4	39.9	26.6	22.2	17.7	11.1	6.7	4.4	4.4
52.5°	73.2	66.5	48.8	33.3	22.2	15.5	11.1	2.2	0.0	0.0	0.0
55°	66.5	57.7	42.1	26.6	17.7	8.9	2.2	0.0	0.0	0.0	0.0
57.5°	57.7	51.0	33.3	20.0	11.1	2.2	0.0	0.0	0.0	0.0	0.0
60°	48.8	42.1	26.6	15.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	39.9	35.5	20.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	33.3	26.6	15.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	28.8	22.2	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	22.2	15.5	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	15.5	11.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	11.1	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	6.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.2	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

TEST NUMBER: P599343
 CATALOG NUMBER: IFLD-S-SA2C-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1
2.5°	2821.2	2887.8	2949.9	2967.6	3016.4	3151.7	3151.7	3216.0	3331.4	3373.5	3382.4
5°	2379.9	2450.8	2464.1	2601.7	2666.0	2803.5	2894.4	3111.8	3242.6	3324.7	3375.7
7.5°	1809.9	1834.2	1885.3	2013.9	2140.3	2306.7	2479.7	2756.9	2987.6	3080.7	3253.7
10°	1244.3	1317.5	1428.4	1543.7	1741.1	1925.2	2149.2	2410.9	2694.8	2810.1	2958.8
12.5°	838.4	940.4	1117.8	1282.0	1463.8	1650.2	1863.1	2213.5	2535.1	2694.8	2843.4
15°	490.2	614.4	767.4	1033.6	1275.3	1483.8	1696.7	2051.6	2442.0	2648.2	2830.1
17.5°	248.4	286.1	412.5	643.2	962.6	1304.2	1621.3	2073.8	2512.9	2765.8	2916.6
20°	186.3	197.4	232.9	341.6	658.7	1077.9	1550.3	2107.1	2710.3	3018.6	3100.7
22.5°	161.9	170.8	186.3	221.8	370.4	825.1	1450.5	2189.1	2978.7	3269.3	3442.3
25°	137.5	146.4	159.7	181.9	237.3	561.1	1328.6	2275.6	3218.3	3584.2	3746.1
27.5°	119.8	126.4	139.7	157.5	193.0	357.1	1117.8	2391.0	3584.2	3965.7	4007.8
30°	102.0	108.7	119.8	139.7	164.1	252.8	820.6	2406.5	3786.0	4132.0	4249.6
32.5°	88.7	90.9	104.2	122.0	137.5	199.6	576.7	2422.0	3934.7	4347.2	4371.6
35°	73.2	77.6	90.9	102.0	119.8	157.5	436.9	2344.4	4127.6	4569.0	4562.3
37.5°	59.9	66.5	75.4	84.3	97.6	133.1	348.2	2200.2	4369.4	4912.8	4704.3
40°	46.6	53.2	62.1	73.2	82.1	119.8	261.7	1982.9	4622.2	5081.3	4859.5
42.5°	33.3	37.7	46.6	57.7	73.2	99.8	188.5	1725.6	4722.0	5278.7	5045.8
45°	24.4	28.8	35.5	48.8	75.4	79.8	130.9	1490.5	4828.5	5365.2	5003.7
47.5°	13.3	17.7	26.6	42.1	66.5	59.9	93.2	1279.8	4950.5	5442.9	5037.0
50°	4.4	6.7	15.5	44.4	53.2	46.6	73.2	1166.6	5070.2	5458.4	5103.5
52.5°	0.0	0.0	8.9	46.6	39.9	35.5	64.3	1122.3	5039.2	5507.2	5061.4
55°	0.0	0.0	2.2	20.0	22.2	26.6	53.2	1120.1	5258.8	5522.7	5292.0
57.5°	0.0	0.0	0.0	6.7	13.3	22.2	46.6	1049.1	5398.5	5908.6	5602.6
60°	0.0	0.0	0.0	2.2	8.9	15.5	35.5	987.0	5540.4	6081.6	5935.2
62.5°	0.0	0.0	0.0	0.0	2.2	6.7	24.4	891.6	5254.3	6068.3	6256.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	15.5	705.3	4726.5	5751.2	6079.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	8.9	487.9	4138.7	5351.9	5753.4
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	295.0	3340.2	4693.2	4879.5
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	126.4	2384.3	3726.2	4003.4
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.0	1474.9	2723.6	3065.2
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	955.9	2062.7	2326.6
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	510.1	1293.1	1503.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	221.8	785.2	904.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.0	476.9	543.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.2	97.6
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: P599343
 CATALOG NUMBER: IFLD-S-SA2C-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1	3145.1
2.5°	3386.8	3451.1	3475.5	3437.8	3442.3	3364.6	3353.5	3244.9	3200.5	3209.4
5°	3542.1	3635.2	3686.2	3644.1	3548.7	3400.1	3264.8	3136.2	3056.3	3016.4
7.5°	3506.6	3610.8	3675.1	3715.1	3606.4	3366.9	3160.6	2918.8	2816.8	2819.0
10°	3311.4	3528.8	3659.6	3608.6	3557.6	3318.1	2998.7	2737.0	2646.0	2654.9
12.5°	3153.9	3395.7	3473.3	3513.2	3409.0	3218.3	3003.1	2703.7	2601.7	2539.6
15°	3056.3	3236.0	3240.4	3302.5	3260.4	3260.4	3049.7	2756.9	2668.2	2599.4
17.5°	3056.3	3096.3	3091.8	3114.0	3185.0	3269.3	3167.2	2972.1	2796.8	2785.8
20°	3125.1	3000.9	2972.1	2980.9	3040.8	3291.4	3426.7	3182.8	3071.9	3036.4
22.5°	3284.8	3012.0	2836.8	2805.7	2989.8	3289.2	3593.1	3515.5	3322.5	3293.7
25°	3504.4	2992.0	2801.3	2761.4	2901.1	3369.1	3821.5	3837.1	3661.8	3602.0
27.5°	3712.9	3080.7	2796.8	2788.0	2972.1	3351.3	3979.0	4094.3	3896.9	3848.2
30°	3783.8	3169.5	2878.9	2761.4	2998.7	3415.6	3974.6	4276.2	4147.6	4158.7
32.5°	3868.1	3258.2	2887.8	2841.2	3111.8	3519.9	4101.0	4569.0	4475.8	4345.0
35°	3992.3	3377.9	2972.1	2929.9	3191.6	3613.0	4127.6	4784.1	4768.6	4615.6
37.5°	4098.8	3495.5	3147.3	3153.9	3435.6	3763.9	4245.2	5048.1	5021.4	4917.2
40°	4174.2	3659.6	3420.1	3437.8	3648.5	3932.4	4453.7	5181.1	5378.5	5225.5
42.5°	4185.3	3806.0	3732.8	3874.8	4072.2	4194.2	4537.9	5272.1	5556.0	5456.2
45°	4227.4	4038.9	4242.9	4347.2	4509.1	4424.8	4533.5	5427.3	5569.3	5518.3
47.5°	4391.5	4462.5	4719.8	5037.0	5094.6	4817.4	4640.0	5451.7	5644.7	5638.0
50°	4562.3	4917.2	5278.7	5489.4	5562.6	5088.0	4739.8	5431.8	5744.5	5691.3
52.5°	4753.1	5312.0	5833.2	6092.7	6052.8	5387.4	4852.9	5593.7	5928.6	5910.8
55°	4872.8	5489.4	6190.3	6551.8	6520.8	5722.3	5212.2	5826.6	6170.3	6126.0
57.5°	5190.0	5777.8	6545.2	6713.7	6795.8	6161.5	5462.8	6208.1	6372.2	6421.0
60°	5451.7	5966.3	6638.3	6882.3	6911.1	6423.2	5902.0	6600.6	6629.5	6465.3
62.5°	5835.4	6039.5	6440.9	6660.5	6809.1	6571.8	6296.8	6811.3	6625.0	6613.9
65°	6117.1	5799.9	6072.8	6194.7	6290.1	6345.6	6693.8	6955.5	6543.0	6327.8
67.5°	5959.6	5347.5	5296.5	5303.1	5332.0	5666.9	6560.7	6602.8	6086.1	5908.6
70°	5245.5	4387.1	4318.4	4371.6	4227.4	4631.1	6021.7	6001.8	5369.7	5185.6
72.5°	4242.9	3198.3	3080.7	3153.9	3187.2	3615.3	5065.8	4551.2	3916.9	3772.7
75°	3371.3	2344.4	1978.4	2155.9	2269.0	2632.7	3956.8	3091.8	2734.7	2539.6
77.5°	2648.2	1774.4	1539.3	1468.3	1572.5	1914.1	2878.9	1623.5	1432.8	1341.9
80°	1679.0	1304.2	1415.1	1313.0	1357.4	1366.3	1499.3	738.6	587.8	581.1
82.5°	1011.4	891.6	1060.2	583.3	1062.4	949.3	623.2	334.9	297.2	297.2
85°	716.4	552.3	366.0	237.3	472.4	521.2	241.8	173.0	150.8	146.4
87.5°	359.3	170.8	82.1	53.2	59.9	97.6	28.8	13.3	13.3	11.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)