

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: P599139

Luminaire Tested: **IFLD-S-SA2B-727-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: P599139
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2B-727-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (32) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

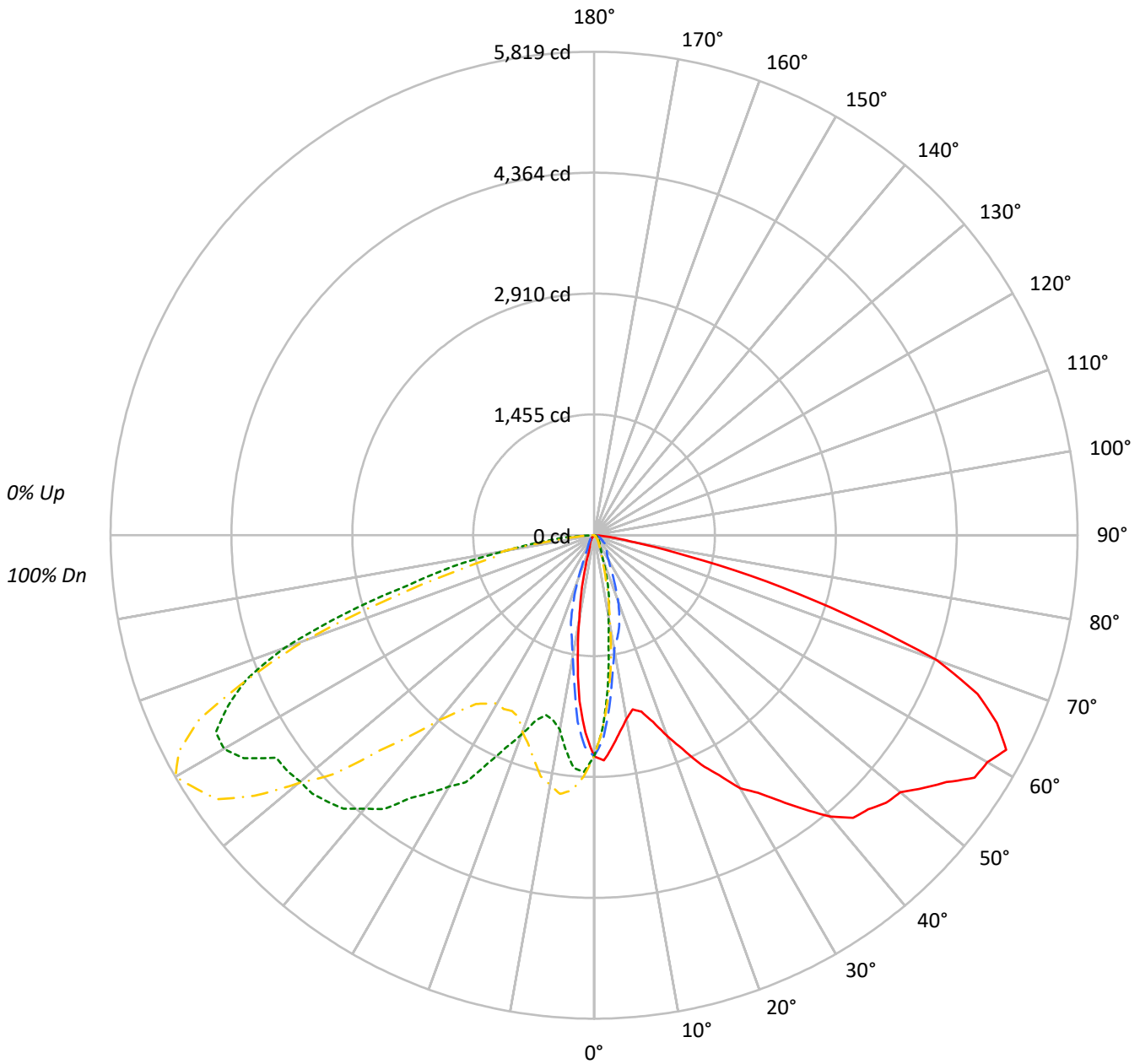
Lumens per Lamp: N/A
 Luminaire Lumens: 6955.4 lumens
 Efficiency: N/A
 Efficacy: 84.4 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 82.4
 Input Voltage (V): 120
 Input Current (A_{in}): 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	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	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79					79			
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62					62			
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49					49			
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40					40			
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33					33			
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27					27			
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24					24			
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20					20			
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18					18			
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16					16			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	57243	57243	57243	57243
5°	55112	40281	43361	60744
10°	49067	21930	22218	51937
15°	48981	14627	8944	49901
20°	58813	7304	3565	58469
25°	72336	4587	2763	71980
30°	87401	3681	2098	86842
35°	102555	2957	1627	101519
40°	124157	2529	1054	120732
45°	142041	2283	572	138101
50°	161154	2197	127	154559
55°	194393	2113	0	175251
60°	235351	1778	0	221384
65°	272525	1431	0	247687
70°	275955	1183	0	249752
75°	178590	782	0	191540
80°	60908	236	0	135528
85°	30579	0	0	99592

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.4	2.9
10°-20°	390.0	5.6
20°-30°	543.2	7.8
30°-40°	771.9	11.1
40°-50°	1070.3	15.4
50°-60°	1458.4	21.0
60°-70°	1603.4	23.1
70°-80°	788.1	11.3
80°-90°	128.7	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°	1134.7	16.3
0°-40°	1906.5	27.4
0°-60°	4435.3	63.8
0°-90°	6955.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6955.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2659	2659	2659	2659	2659	
5°	2550	1864	2006	2811	2550	233
15°	2198	656	401	2239	2198	650
25°	3045	193	116	3030	3045	1416
35°	3902	112	62	3863	3902	2477
45°	4666	75	19	4536	4666	3617
55°	5179	56	0	4669	5179	4659
65°	5350	28	0	4862	5350	5170
75°	2147	9	0	2303	2147	2341
85°	124	0	0	403	124	171
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°	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0
2.5°	2713.4	2745.3	2715.3	2610.3	2591.5	2540.9	2464.0	2458.4	2377.8	2387.1	2344.0
5°	2550.3	2582.2	2518.4	2379.6	2250.2	2147.1	2085.2	1974.6	1950.2	1895.8	1895.8
7.5°	2383.4	2381.5	2272.8	2156.5	1963.3	1773.9	1687.7	1528.3	1434.5	1383.9	1335.1
10°	2244.6	2214.6	2147.1	1907.1	1697.1	1500.2	1393.3	1288.3	1190.8	1106.4	1022.0
12.5°	2147.1	2165.9	2059.0	1798.3	1526.4	1389.5	1275.1	1164.5	1048.2	952.6	858.8
15°	2197.7	2167.7	2042.1	1773.9	1498.3	1310.8	1158.9	1023.9	894.5	768.8	697.6
17.5°	2355.3	2278.4	2130.2	1773.9	1440.2	1190.8	1007.0	847.6	708.8	596.3	508.2
20°	2567.2	2479.0	2319.6	1839.6	1397.0	1102.6	851.3	650.7	506.3	401.3	333.8
22.5°	2784.7	2715.3	2475.3	1865.8	1346.4	984.5	671.3	470.7	337.5	270.0	236.3
25°	3045.3	2947.8	2685.3	1970.8	1271.4	870.1	528.8	328.2	251.3	215.6	195.0
27.5°	3253.5	3236.6	2882.2	2034.6	1215.1	776.3	418.2	260.7	208.1	181.9	168.8
30°	3516.0	3424.1	3122.2	2162.1	1151.4	669.4	348.8	234.4	191.3	163.1	153.8
32.5°	3673.5	3630.4	3247.9	2233.4	1080.1	581.3	300.0	206.3	174.4	153.8	144.4
35°	3902.3	3816.0	3427.9	2278.4	1042.6	530.7	270.0	187.5	146.3	125.6	114.4
37.5°	4157.3	4125.5	3643.5	2276.5	988.2	500.7	249.4	174.4	138.8	116.3	103.1
40°	4418.0	4288.6	3774.8	2329.0	960.1	478.2	234.4	166.9	131.3	110.6	93.8
42.5°	4613.0	4464.9	3926.7	2310.3	926.4	438.8	228.8	155.6	125.6	101.3	86.3
45°	4665.5	4613.0	4063.6	2304.6	902.0	406.9	219.4	153.8	121.9	95.6	80.6
47.5°	4766.8	4731.1	4232.3	2314.0	883.2	382.5	196.9	157.5	116.3	90.0	76.9
50°	4811.8	4748.0	4369.2	2336.5	840.1	352.5	176.3	165.0	114.4	88.1	73.1
52.5°	4997.4	4941.2	4556.8	2400.3	804.5	313.2	155.6	157.5	118.1	82.5	69.4
55°	5179.3	5115.6	4845.5	2546.5	753.8	281.3	133.1	138.8	112.5	75.0	61.9
57.5°	5428.7	5323.7	5038.7	2606.5	708.8	238.2	118.1	114.4	105.0	67.5	54.4
60°	5466.2	5509.4	5010.6	2569.0	661.9	210.0	103.1	88.1	112.5	60.0	46.9
62.5°	5591.9	5411.8	4879.3	2482.8	628.2	193.1	91.9	73.1	97.5	52.5	39.4
65°	5350.0	5216.8	4571.8	2205.2	585.1	195.0	80.6	60.0	61.9	43.1	31.9
67.5°	4995.6	4890.5	4061.7	1903.3	541.9	191.3	71.3	52.5	46.9	37.5	28.1
70°	4384.2	4157.3	3450.4	1545.2	478.2	178.1	60.0	46.9	39.4	30.0	20.6
72.5°	3189.7	3097.8	2475.3	1194.5	429.4	161.3	56.3	39.4	33.8	22.5	16.9
75°	2147.1	1995.2	1562.0	783.8	345.0	140.6	46.9	35.6	26.3	16.9	13.1
77.5°	1134.5	1072.6	885.1	373.2	191.3	65.6	26.3	20.6	15.0	13.1	7.5
80°	491.3	436.9	382.5	151.9	67.5	30.0	16.9	11.3	9.4	7.5	3.8
82.5°	251.3	240.0	198.8	65.6	39.4	22.5	9.4	7.5	5.6	3.8	1.9
85°	123.8	127.5	105.0	20.6	22.5	13.1	1.9	1.9	0.0	0.0	0.0
87.5°	9.4	9.4	7.5	3.8	5.6	1.9	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°	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0
2.5°	2327.1	2353.4	2308.4	2336.5	2323.4	2329.0	2334.6	2319.6	2323.4	2375.9	2377.8
5°	1864.0	1914.6	1895.8	1922.1	1967.1	1944.6	1965.2	1961.5	1965.2	1972.7	2006.5
7.5°	1329.5	1314.5	1350.1	1419.5	1500.2	1548.9	1524.5	1511.4	1503.9	1485.2	1507.7
10°	1003.2	995.7	986.4	1007.0	1059.5	1113.9	1143.9	1093.2	1065.1	1029.5	1016.4
12.5°	832.6	785.7	759.5	727.6	742.6	791.3	793.2	744.5	699.5	680.7	701.3
15°	656.3	624.4	577.6	532.6	510.1	547.6	515.7	468.8	410.7	403.2	401.3
17.5°	468.8	450.0	416.3	397.5	371.3	361.9	328.2	256.9	215.6	204.4	208.1
20°	318.8	303.8	301.9	285.0	273.8	266.3	211.9	165.0	151.9	153.8	155.6
22.5°	236.3	228.8	219.4	217.5	208.1	198.8	155.6	138.8	129.4	129.4	135.0
25°	193.1	189.4	180.0	176.3	172.5	159.4	131.3	118.1	114.4	110.6	116.3
27.5°	165.0	163.1	157.5	151.9	148.1	135.0	114.4	103.1	99.4	99.4	99.4
30°	148.1	148.1	140.6	129.4	129.4	114.4	97.5	90.0	86.3	86.3	84.4
32.5°	138.8	135.0	125.6	118.1	112.5	97.5	86.3	78.8	73.1	73.1	75.0
35°	112.5	112.5	110.6	105.0	97.5	82.5	73.1	65.6	61.9	60.0	61.9
37.5°	99.4	93.8	86.3	88.1	84.4	71.3	61.9	56.3	50.6	50.6	50.6
40°	90.0	84.4	76.9	71.3	69.4	63.8	54.4	45.0	39.4	37.5	37.5
42.5°	80.6	76.9	65.6	56.3	54.4	54.4	41.3	33.8	28.1	28.1	28.1
45°	75.0	69.4	60.0	48.8	39.4	41.3	33.8	24.4	20.6	18.8	18.8
47.5°	71.3	65.6	52.5	41.3	30.0	30.0	24.4	16.9	13.1	11.3	11.3
50°	65.6	60.0	46.9	33.8	22.5	18.8	15.0	9.4	5.6	3.8	3.8
52.5°	61.9	56.3	41.3	28.1	18.8	13.1	9.4	1.9	0.0	0.0	0.0
55°	56.3	48.8	35.6	22.5	15.0	7.5	1.9	0.0	0.0	0.0	0.0
57.5°	48.8	43.1	28.1	16.9	9.4	1.9	0.0	0.0	0.0	0.0	0.0
60°	41.3	35.6	22.5	13.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	33.8	30.0	16.9	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	28.1	22.5	13.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	24.4	18.8	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	18.8	13.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	13.1	9.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	9.4	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	5.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.9	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°	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0
2.5°	2385.3	2441.5	2494.0	2509.0	2550.3	2664.7	2664.7	2719.1	2816.6	2852.2	2859.7
5°	2012.1	2072.1	2083.4	2199.6	2254.0	2370.3	2447.1	2630.9	2741.6	2810.9	2854.1
7.5°	1530.2	1550.8	1593.9	1702.7	1809.6	1950.2	2096.5	2330.9	2525.9	2604.7	2750.9
10°	1052.0	1113.9	1207.6	1305.1	1472.0	1627.7	1817.1	2038.4	2278.4	2375.9	2501.5
12.5°	708.8	795.1	945.1	1083.9	1237.6	1395.2	1575.2	1871.5	2143.4	2278.4	2404.0
15°	414.4	519.4	648.8	873.8	1078.2	1254.5	1434.5	1734.6	2064.6	2239.0	2392.8
17.5°	210.0	241.9	348.8	543.8	813.8	1102.6	1370.8	1753.3	2124.6	2338.4	2465.9
20°	157.5	166.9	196.9	288.8	556.9	911.4	1310.8	1781.4	2291.5	2552.2	2621.5
22.5°	136.9	144.4	157.5	187.5	313.2	697.6	1226.4	1850.8	2518.4	2764.1	2910.3
25°	116.3	123.8	135.0	153.8	200.6	474.4	1123.2	1924.0	2720.9	3030.3	3167.2
27.5°	101.3	106.9	118.1	133.1	163.1	301.9	945.1	2021.5	3030.3	3352.9	3388.5
30°	86.3	91.9	101.3	118.1	138.8	213.8	693.8	2034.6	3201.0	3493.5	3592.9
32.5°	75.0	76.9	88.1	103.1	116.3	168.8	487.6	2047.7	3326.6	3675.4	3696.0
35°	61.9	65.6	76.9	86.3	101.3	133.1	369.4	1982.1	3489.8	3862.9	3857.3
37.5°	50.6	56.3	63.8	71.3	82.5	112.5	294.4	1860.2	3694.2	4153.6	3977.3
40°	39.4	45.0	52.5	61.9	69.4	101.3	221.3	1676.4	3907.9	4296.1	4108.6
42.5°	28.1	31.9	39.4	48.8	61.9	84.4	159.4	1458.9	3992.3	4463.0	4266.1
45°	20.6	24.4	30.0	41.3	63.8	67.5	110.6	1260.1	4082.3	4536.1	4230.5
47.5°	11.3	15.0	22.5	35.6	56.3	50.6	78.8	1082.0	4185.5	4601.8	4258.6
50°	3.8	5.6	13.1	37.5	45.0	39.4	61.9	986.4	4286.7	4614.9	4314.9
52.5°	0.0	0.0	7.5	39.4	33.8	30.0	54.4	948.9	4260.5	4656.1	4279.2
55°	0.0	0.0	1.9	16.9	18.8	22.5	45.0	947.0	4446.1	4669.3	4474.2
57.5°	0.0	0.0	0.0	5.6	11.3	18.8	39.4	887.0	4564.3	4995.6	4736.8
60°	0.0	0.0	0.0	1.9	7.5	13.1	30.0	834.5	4684.3	5141.8	5018.1
62.5°	0.0	0.0	0.0	0.0	1.9	5.6	20.6	753.8	4442.4	5130.6	5290.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	13.1	596.3	3996.1	4862.4	5139.9
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	7.5	412.5	3499.1	4524.9	4864.3
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	249.4	2824.1	3967.9	4125.5
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	106.9	2015.8	3150.3	3384.7
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.1	1247.0	2302.8	2591.5
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.9	808.2	1743.9	1967.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	431.3	1093.2	1271.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	187.5	663.8	765.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	403.2	459.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.9	82.5
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: P599139
 CATALOG NUMBER: IFLD-S-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0	2659.0
2.5°	2863.4	2917.8	2938.5	2906.6	2910.3	2844.7	2835.3	2743.4	2705.9	2713.4
5°	2994.7	3073.5	3116.6	3081.0	3000.3	2874.7	2760.3	2651.5	2584.0	2550.3
7.5°	2964.7	3052.8	3107.2	3141.0	3049.1	2846.6	2672.2	2467.8	2381.5	2383.4
10°	2799.7	2983.5	3094.1	3051.0	3007.8	2805.3	2535.3	2314.0	2237.1	2244.6
12.5°	2666.5	2870.9	2936.6	2970.3	2882.2	2720.9	2539.0	2285.9	2199.6	2147.1
15°	2584.0	2735.9	2739.7	2792.2	2756.6	2756.6	2578.4	2330.9	2255.9	2197.7
17.5°	2584.0	2617.8	2614.0	2632.8	2692.8	2764.1	2677.8	2512.8	2364.6	2355.3
20°	2642.2	2537.2	2512.8	2520.3	2570.9	2782.8	2897.2	2690.9	2597.2	2567.2
22.5°	2777.2	2546.5	2398.4	2372.1	2527.8	2780.9	3037.8	2972.2	2809.1	2784.7
25°	2962.8	2529.7	2368.4	2334.6	2452.8	2848.4	3231.0	3244.1	3096.0	3045.3
27.5°	3139.1	2604.7	2364.6	2357.1	2512.8	2833.4	3364.1	3461.6	3294.7	3253.5
30°	3199.1	2679.7	2434.0	2334.6	2535.3	2887.8	3360.4	3615.4	3506.6	3516.0
32.5°	3270.4	2754.7	2441.5	2402.1	2630.9	2976.0	3467.3	3862.9	3784.2	3673.5
35°	3375.4	2855.9	2512.8	2477.1	2698.4	3054.7	3489.8	4044.8	4031.7	3902.3
37.5°	3465.4	2955.3	2660.9	2666.5	2904.7	3182.2	3589.1	4268.0	4245.5	4157.3
40°	3529.1	3094.1	2891.6	2906.6	3084.7	3324.7	3765.4	4380.5	4547.4	4418.0
42.5°	3538.5	3217.9	3156.0	3276.0	3442.9	3546.0	3836.7	4457.4	4697.4	4613.0
45°	3574.1	3414.8	3587.3	3675.4	3812.3	3741.0	3832.9	4588.6	4708.6	4665.5
47.5°	3712.9	3772.9	3990.4	4258.6	4307.4	4073.0	3922.9	4609.3	4772.4	4766.8
50°	3857.3	4157.3	4463.0	4641.1	4703.0	4301.7	4007.3	4592.4	4856.8	4811.8
52.5°	4018.6	4491.1	4931.8	5151.2	5117.4	4554.9	4103.0	4729.3	5012.4	4997.4
55°	4119.8	4641.1	5233.7	5539.4	5513.1	4838.0	4406.7	4926.2	5216.8	5179.3
57.5°	4388.0	4884.9	5533.7	5676.3	5745.6	5209.3	4618.6	5248.7	5387.5	5428.7
60°	4609.3	5044.3	5612.5	5818.8	5843.1	5430.6	4989.9	5580.6	5605.0	5466.2
62.5°	4933.7	5106.2	5445.6	5631.2	5756.9	5556.2	5323.7	5758.8	5601.2	5591.9
65°	5171.8	4903.7	5134.3	5237.5	5318.1	5365.0	5659.4	5880.7	5531.9	5350.0
67.5°	5038.7	4521.1	4478.0	4483.6	4508.0	4791.2	5546.9	5582.5	5145.6	4995.6
70°	4434.9	3709.2	3651.0	3696.0	3574.1	3915.4	5091.2	5074.3	4539.9	4384.2
72.5°	3587.3	2704.0	2604.7	2666.5	2694.7	3056.6	4283.0	3847.9	3311.6	3189.7
75°	2850.3	1982.1	1672.7	1822.7	1918.3	2225.9	3345.4	2614.0	2312.1	2147.1
77.5°	2239.0	1500.2	1301.4	1241.4	1329.5	1618.3	2434.0	1372.7	1211.4	1134.5
80°	1419.5	1102.6	1196.4	1110.1	1147.6	1155.1	1267.6	624.4	496.9	491.3
82.5°	855.1	753.8	896.3	493.2	898.2	802.6	526.9	283.2	251.3	251.3
85°	605.7	466.9	309.4	200.6	399.4	440.7	204.4	146.3	127.5	123.8
87.5°	303.8	144.4	69.4	45.0	50.6	82.5	24.4	11.3	11.3	9.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)