

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: P599400

Luminaire Tested: **IFLD-S-SA2B-727-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599400
 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-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (32) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

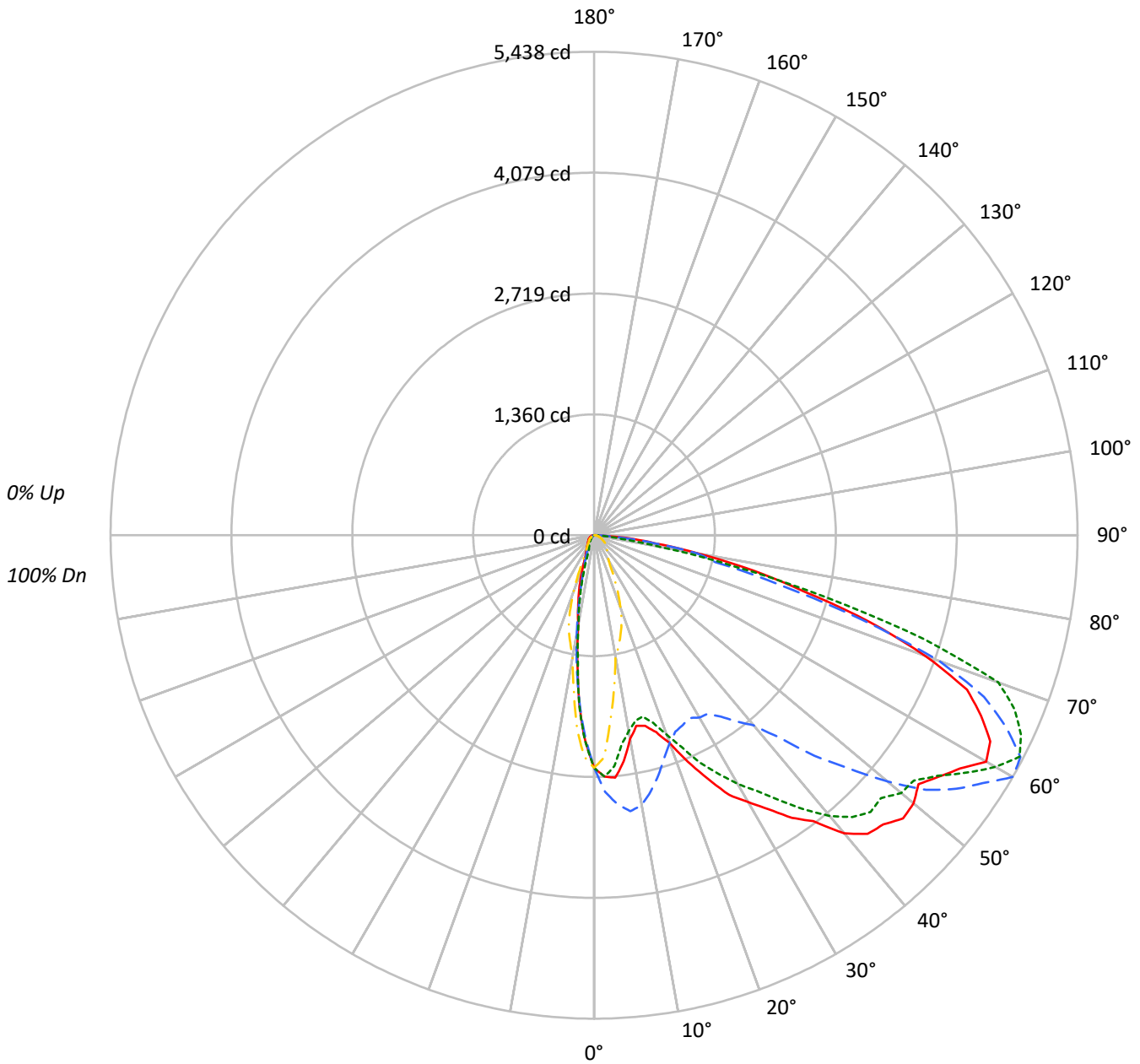
Lumens per Lamp: N/A
 Luminaire Lumens: 6954.7 lumens
 Efficiency: N/A
 Efficacy: 84.4 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 82.4
 Input Voltage (V): 120
 Input Current (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: P599400
CATALOG NUMBER: IFLD-S-SA2B-727-U-SLL-HSS

Luminous Intensity Polar Plot



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

TEST NUMBER: P599400
 CATALOG NUMBER: IFLD-S-SA2B-727-U-SLL-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	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	100	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	79	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61	61	61	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	48	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39	39	39	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	32	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27	27	27	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	23	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20	20	20	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	56293	56293	56293	56293
5°	59158	56307	41137	41379
10°	50868	48920	22492	21963
15°	49462	47022	14612	11010
20°	57012	54630	7828	3915
25°	71685	67053	5074	3043
30°	86099	80237	4109	2493
35°	101961	95664	3367	2000
40°	123016	115814	2976	1515
45°	140053	133949	2770	1017
50°	157115	151019	2736	623
55°	177679	177049	2717	278
60°	219257	224453	2480	82
65°	244646	269810	2272	0
70°	249456	304519	2102	0
75°	202977	224603	2005	0
80°	147591	93935	2070	0
85°	95418	39447	2742	0

TEST NUMBER: P599400
 CATALOG NUMBER: IFLD-S-SA2B-727-U-SLL-HSS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	198.7	2.9
10°-20°	389.6	5.6
20°-30°	539.1	7.8
30°-40°	761.9	11.0
40°-50°	1037.3	14.9
50°-60°	1373.8	19.8
60°-70°	1595.1	22.9
70°-80°	903.3	13.0
80°-90°	156.1	2.2
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°	1127.3	16.2
0°-40°	1889.1	27.2
0°-60°	4300.2	61.8
0°-90°	6954.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6954.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2615	2615	2615	2615	2615	
5°	2738	2606	1904	1915	2738	246
15°	2219	2110	656	494	2219	651
25°	3018	2823	214	128	3018	1408
35°	3880	3640	128	76	3880	2446
45°	4600	4400	91	33	4600	3567
55°	4734	4717	72	7	4734	4289
65°	4803	5297	45	0	4803	4682
75°	2440	2700	24	0	2440	2663
85°	386	160	11	0	386	464
90°	0	0	0	0	0	

TEST NUMBER: P599400
 CATALOG NUMBER: IFLD-S-SA2B-727-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9
2.5°	2717.1	2774.6	2776.5	2802.5	2828.5	2828.5	2889.8	2874.9	2821.1	2811.8	2772.8
5°	2737.5	2757.9	2772.8	2904.6	3016.1	3004.9	3038.3	3016.1	2912.1	2778.3	2687.3
7.5°	2561.1	2583.3	2642.8	2867.5	3017.9	3068.1	3131.2	2991.9	2882.3	2640.9	2466.3
10°	2327.0	2369.8	2479.3	2735.6	2921.3	3081.1	3081.1	2969.6	2757.9	2522.1	2308.5
12.5°	2197.0	2282.5	2341.9	2601.9	2843.3	2952.9	2949.2	2889.8	2752.3	2455.2	2213.8
15°	2219.3	2243.5	2369.8	2572.2	2731.9	2726.3	2793.2	2774.6	2678.1	2514.6	2249.0
17.5°	2321.5	2358.6	2468.2	2572.2	2648.3	2626.1	2624.2	2713.3	2718.9	2614.9	2380.9
20°	2488.6	2598.2	2650.2	2681.8	2588.9	2494.2	2483.1	2607.5	2704.1	2743.1	2538.8
22.5°	2756.1	2828.5	2934.3	2772.8	2531.3	2412.5	2390.2	2527.6	2722.6	2895.3	2743.1
25°	3017.9	3073.6	3175.8	2967.8	2596.3	2395.8	2356.8	2475.6	2793.2	3107.1	2990.1
27.5°	3294.6	3342.9	3354.1	3110.8	2631.6	2362.3	2315.9	2475.6	2852.6	3218.5	3285.4
30°	3463.6	3521.2	3532.4	3237.1	2689.2	2390.2	2367.9	2486.8	2893.5	3313.2	3497.1
32.5°	3653.1	3667.9	3658.6	3259.4	2752.3	2471.9	2379.0	2561.1	2939.9	3426.5	3690.2
35°	3879.7	3905.7	3810.9	3361.5	2893.5	2523.9	2490.5	2652.1	3019.8	3478.5	3924.2
37.5°	4052.4	4134.1	3920.5	3400.5	2921.3	2633.5	2639.1	2841.5	3075.5	3541.6	4182.4
40°	4377.4	4239.9	4106.2	3534.2	3027.2	2819.2	2789.5	3036.5	3263.1	3582.5	4351.4
42.5°	4555.7	4483.2	4178.7	3547.2	3190.6	3075.5	3082.9	3257.5	3361.5	3697.6	4397.8
45°	4600.2	4524.1	4277.1	3556.5	3352.2	3378.2	3506.4	3539.8	3506.4	3773.8	4485.1
47.5°	4713.5	4548.2	4265.9	3680.9	3614.1	3714.4	3877.8	3950.2	3703.2	3745.9	4526.0
50°	4691.2	4596.5	4241.8	3732.9	3933.5	4199.1	4308.7	4278.9	3922.4	3688.4	4481.4
52.5°	4598.4	4496.2	4316.1	3874.1	4232.5	4553.8	4706.1	4631.8	4117.4	3818.4	4451.7
55°	4734.0	4656.0	4412.7	4065.4	4457.2	4865.8	4973.5	4917.8	4356.9	3939.1	4620.7
57.5°	4880.7	4864.0	4674.5	4290.1	4722.8	5187.1	5187.1	5118.4	4565.0	4113.7	4871.4
60°	5092.4	5129.5	4867.7	4438.7	4813.8	5168.5	5437.8	5358.0	4774.8	4420.1	5155.5
62.5°	5023.7	5142.5	5116.5	4758.1	4917.8	5259.5	5406.3	5465.7	5034.8	4793.4	5534.4
65°	4802.7	4929.0	5114.7	4968.0	4839.8	5038.5	5112.8	5293.0	5164.8	5144.4	5690.4
67.5°	4539.0	4676.4	4791.5	5109.1	4682.0	4813.8	4748.8	4806.4	5023.7	5528.8	5779.5
70°	3963.2	4095.1	4277.1	4795.2	4264.1	4145.2	4128.5	4100.7	4438.7	5391.4	5374.7
72.5°	3259.4	3320.6	3621.5	3898.2	3155.4	3133.1	3159.1	3127.5	3519.4	4880.7	4604.0
75°	2440.3	2501.6	2672.5	2993.8	2148.8	2020.6	2169.2	2315.9	2687.3	3788.7	3307.6
77.5°	1834.9	1912.9	2020.6	2239.8	1576.7	1376.2	1396.6	1535.9	1942.6	3034.6	1853.5
80°	1190.5	1181.2	1389.2	1541.5	1186.7	1223.9	1171.9	1274.0	1407.7	1623.2	947.2
82.5°	687.2	696.4	783.7	884.0	826.4	945.3	681.6	1138.5	1004.7	661.2	352.9
85°	386.3	403.0	482.9	612.9	518.2	347.3	284.1	564.6	631.4	271.1	170.9
87.5°	39.0	33.4	65.0	232.1	141.1	57.6	85.4	135.6	152.3	102.1	50.1
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: P599400
 CATALOG NUMBER: IFLD-S-SA2B-727-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9
2.5°	2717.1	2717.1	2670.6	2592.6	2561.1	2505.3	2429.2	2453.3	2427.3	2332.6	2308.5
5°	2605.6	2516.5	2419.9	2301.0	2232.3	2091.2	2046.6	1966.8	1979.8	1899.9	1903.6
7.5°	2373.5	2302.9	2139.5	1983.5	1847.9	1725.3	1552.6	1487.6	1424.5	1392.9	1430.0
10°	2237.9	2106.0	1883.2	1678.9	1498.7	1389.2	1274.0	1184.9	1103.2	1041.9	1028.9
12.5°	2139.5	2022.5	1753.2	1504.3	1363.2	1274.0	1168.2	1045.6	965.7	859.9	828.3
15°	2109.8	1966.8	1682.6	1435.6	1298.2	1151.5	1030.7	910.0	806.0	694.6	655.6
17.5°	2211.9	2046.6	1680.7	1379.9	1186.7	1028.9	861.7	726.2	620.3	518.2	494.0
20°	2384.6	2132.0	1734.6	1346.5	1080.9	869.2	679.7	544.2	425.3	358.4	341.7
22.5°	2581.5	2276.9	1740.2	1257.3	975.0	709.4	495.9	358.4	291.6	260.0	250.7
25°	2822.9	2509.1	1807.0	1184.9	850.6	538.6	352.9	274.9	235.9	217.3	213.6
27.5°	3021.6	2670.6	1879.5	1108.7	728.0	399.3	276.7	224.7	204.3	185.7	183.9
30°	3227.8	2856.3	1899.9	1062.3	622.2	328.7	237.7	198.7	176.4	167.1	165.3
32.5°	3407.9	3058.8	1964.9	986.2	521.9	289.7	215.4	178.3	163.4	148.6	146.7
35°	3640.1	3175.8	1996.5	945.3	484.7	261.9	196.9	163.4	141.1	131.9	128.1
37.5°	3888.9	3289.1	2016.9	913.7	453.2	245.1	185.7	154.1	133.7	120.7	117.0
40°	4121.1	3448.8	1987.2	874.7	429.0	224.7	178.3	143.0	124.4	111.4	105.9
42.5°	4299.4	3604.8	1977.9	837.6	403.0	217.3	169.0	137.4	117.0	102.1	100.3
45°	4399.7	3710.6	1912.9	807.9	382.6	221.0	165.3	130.0	111.4	98.4	91.0
47.5°	4375.5	3792.4	1929.6	798.6	354.7	206.1	163.4	124.4	102.1	91.0	85.4
50°	4509.2	3957.7	1901.8	768.9	334.3	185.7	178.3	124.4	100.3	87.3	81.7
52.5°	4531.5	4108.1	1961.2	715.0	302.7	170.9	176.4	122.6	96.6	83.6	76.1
55°	4717.2	4282.7	2076.3	685.3	276.7	148.6	161.6	118.9	87.3	76.1	72.4
57.5°	4969.8	4644.8	2150.6	657.4	241.4	130.0	135.6	117.0	79.9	70.6	65.0
60°	5213.1	4789.7	2156.2	607.3	208.0	117.0	105.9	117.0	74.3	63.1	57.6
62.5°	5395.1	4789.7	2119.0	564.6	182.0	104.0	92.9	111.4	66.9	55.7	52.0
65°	5296.7	4661.5	2022.5	529.3	165.3	91.0	79.9	85.4	59.4	48.3	44.6
67.5°	5120.2	4262.2	1808.9	486.6	163.4	79.9	68.7	63.1	52.0	42.7	39.0
70°	4838.0	3723.6	1506.2	438.3	159.7	72.4	61.3	53.9	46.4	37.1	33.4
72.5°	3898.2	3075.5	1236.9	410.4	156.0	63.1	52.0	46.4	39.0	31.6	27.9
75°	2700.3	1964.9	952.7	351.0	152.3	57.6	48.3	40.9	33.4	26.0	24.1
77.5°	1619.5	1313.0	614.7	263.7	100.3	46.4	40.9	31.6	27.9	22.3	20.4
80°	757.7	620.3	248.9	102.1	48.3	33.4	27.9	24.1	22.3	18.6	16.7
82.5°	297.1	261.9	120.7	59.4	39.0	26.0	22.3	20.4	18.6	14.9	13.0
85°	159.7	141.1	57.6	40.9	27.9	18.6	18.6	16.7	14.9	13.0	11.1
87.5°	35.3	26.0	24.1	24.1	20.4	14.9	14.9	13.0	11.1	9.3	7.4
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: P599400
 CATALOG NUMBER: IFLD-S-SA2B-727-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9
2.5°	2295.5	2323.3	2278.8	2306.6	2267.6	2297.3	2301.0	2273.2	2280.6	2317.8	2334.5
5°	1955.6	1937.0	1896.2	1883.2	1885.0	1860.9	1870.2	1883.2	1903.6	1914.8	1948.2
7.5°	1409.6	1452.3	1450.5	1482.0	1483.9	1480.2	1454.2	1398.5	1417.0	1402.2	1420.7
10°	1008.4	1027.0	1062.3	1082.7	1119.9	1099.5	1040.0	1017.7	1006.6	1004.7	1023.3
12.5°	806.0	761.4	757.7	765.2	783.7	759.6	729.9	703.9	716.9	742.9	763.3
15°	624.0	586.9	538.6	531.2	534.9	523.7	492.2	458.7	468.0	494.0	508.9
17.5°	479.2	436.4	403.0	380.7	373.3	334.3	287.9	260.0	252.6	250.7	263.7
20°	323.1	315.7	310.1	282.3	282.3	226.6	187.6	167.1	167.1	170.9	172.7
22.5°	241.4	232.1	234.0	228.4	213.6	169.0	148.6	143.0	143.0	146.7	146.7
25°	209.9	196.9	193.1	191.3	176.4	144.9	130.0	124.4	124.4	128.1	128.1
27.5°	178.3	174.6	169.0	161.6	148.6	124.4	115.1	109.6	111.4	113.3	111.4
30°	163.4	154.1	146.7	146.7	131.9	111.4	104.0	100.3	96.6	100.3	102.1
32.5°	144.9	139.3	135.6	130.0	113.3	98.4	91.0	87.3	85.4	85.4	87.3
35°	124.4	124.4	120.7	113.3	98.4	89.1	79.9	76.1	74.3	76.1	76.1
37.5°	111.4	105.9	107.7	100.3	87.3	78.0	68.7	65.0	65.0	63.1	65.0
40°	104.0	94.7	89.1	85.4	78.0	66.9	59.4	55.7	53.9	53.9	53.9
42.5°	92.9	85.4	74.3	72.4	70.6	57.6	48.3	46.4	44.6	42.7	42.7
45°	87.3	76.1	66.9	57.6	57.6	48.3	40.9	37.1	35.3	33.4	35.3
47.5°	79.9	68.7	57.6	48.3	46.4	39.0	31.6	27.9	26.0	26.0	26.0
50°	76.1	61.3	50.1	40.9	35.3	31.6	24.1	20.4	18.6	18.6	18.6
52.5°	70.6	57.6	44.6	35.3	27.9	24.1	18.6	14.9	13.0	13.0	13.0
55°	63.1	52.0	39.0	29.7	24.1	18.6	13.0	9.3	7.4	7.4	7.4
57.5°	59.4	46.4	33.4	26.0	18.6	13.0	7.4	5.6	5.6	3.7	5.6
60°	53.9	40.9	27.9	20.4	14.9	9.3	5.6	1.9	1.9	1.9	1.9
62.5°	46.4	35.3	24.1	16.7	11.1	5.6	1.9	0.0	0.0	0.0	0.0
65°	39.0	27.9	18.6	13.0	7.4	1.9	0.0	0.0	0.0	0.0	0.0
67.5°	33.4	24.1	14.9	9.3	5.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	29.7	20.4	11.1	7.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	24.1	16.7	9.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	20.4	13.0	5.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	16.7	9.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	13.0	7.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	11.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	7.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.6	1.9	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: P599400
 CATALOG NUMBER: IFLD-S-SA2B-727-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9	2614.9
2.5°	2358.6	2347.5	2403.2	2494.2	2540.6	2631.6	2653.9	2711.5	2696.6	2717.1
5°	1951.9	1974.2	2055.9	2189.6	2237.9	2369.8	2494.2	2618.6	2698.5	2737.5
7.5°	1448.6	1522.9	1623.2	1745.8	1870.2	2042.9	2254.6	2399.5	2477.5	2561.1
10°	1079.0	1158.9	1274.0	1394.7	1597.2	1790.3	2002.0	2182.2	2249.0	2327.0
12.5°	848.7	973.2	1106.9	1236.9	1357.6	1541.5	1803.3	2065.2	2137.6	2197.0
15°	590.6	742.9	934.2	1103.2	1272.2	1431.9	1703.0	2020.6	2119.0	2219.3
17.5°	326.9	447.6	666.7	904.4	1153.3	1398.5	1736.5	2102.3	2250.9	2321.5
20°	189.4	237.7	393.7	676.0	1004.7	1326.0	1753.2	2256.5	2453.3	2488.6
22.5°	156.0	172.7	222.9	423.4	822.7	1279.6	1838.6	2471.9	2672.5	2756.1
25°	133.7	146.7	172.7	254.4	622.2	1181.2	1892.5	2741.2	2926.9	3017.9
27.5°	118.9	131.9	152.3	187.6	423.4	1045.6	1981.6	2984.5	3170.2	3294.6
30°	104.0	115.1	135.6	159.7	293.4	893.3	2057.8	3162.8	3424.6	3463.6
32.5°	92.9	102.1	117.0	137.4	217.3	677.9	2119.0	3346.6	3567.6	3653.1
35°	79.9	91.0	100.3	117.0	165.3	510.7	2081.9	3489.6	3777.5	3879.7
37.5°	70.6	78.0	87.3	98.4	139.3	399.3	2005.8	3660.5	3957.7	4052.4
40°	59.4	65.0	76.1	87.3	126.3	308.3	1918.5	3866.7	4210.2	4377.4
42.5°	50.1	55.7	63.1	81.7	104.0	228.4	1742.0	4026.4	4414.5	4555.7
45°	39.0	46.4	57.6	81.7	83.6	169.0	1560.0	4145.2	4529.7	4600.2
47.5°	29.7	37.1	55.7	70.6	66.9	117.0	1344.6	4280.8	4648.5	4713.5
50°	22.3	29.7	63.1	61.3	55.7	89.1	1209.0	4375.5	4656.0	4691.2
52.5°	14.9	22.3	52.0	46.4	46.4	78.0	1171.9	4371.8	4674.5	4598.4
55°	11.1	16.7	29.7	33.4	40.9	68.7	1138.5	4511.1	4680.1	4734.0
57.5°	7.4	13.0	20.4	26.0	35.3	59.4	1069.7	4678.2	4852.8	4880.7
60°	3.7	9.3	14.9	20.4	29.7	52.0	973.2	4800.8	5062.7	5092.4
62.5°	1.9	5.6	11.1	16.7	24.1	40.9	872.9	4605.8	4971.7	5023.7
65°	0.0	3.7	7.4	11.1	14.9	29.7	709.4	4158.2	4611.4	4802.7
67.5°	0.0	0.0	3.7	7.4	9.3	22.3	534.9	3783.1	4278.9	4539.0
70°	0.0	0.0	1.9	1.9	5.6	16.7	341.7	3133.1	3820.2	3963.2
72.5°	0.0	0.0	0.0	0.0	1.9	11.1	198.7	2327.0	2993.8	3259.4
75°	0.0	0.0	0.0	0.0	0.0	9.3	100.3	1496.9	2083.8	2440.3
77.5°	0.0	0.0	0.0	0.0	0.0	7.4	53.9	965.7	1535.9	1834.9
80°	0.0	0.0	0.0	0.0	0.0	1.9	31.6	560.9	982.4	1190.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	13.0	274.9	586.9	687.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	3.7	146.7	293.4	386.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	20.4	39.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)