

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: P599578

Luminaire Tested: **IFLD-S-SA3A-827-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: P599578
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3A-827-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (48) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

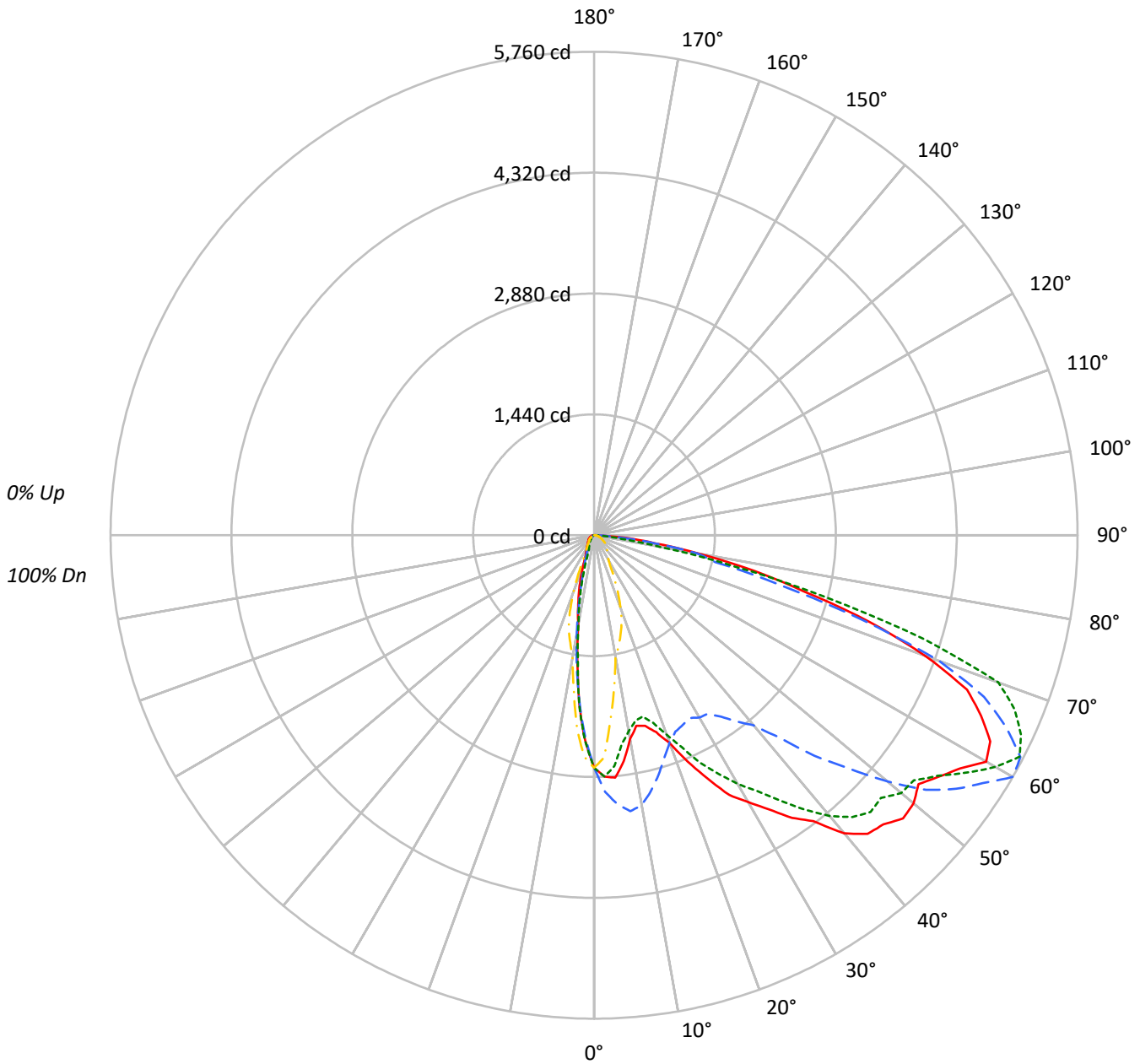
Lumens per Lamp: N/A
 Luminaire Lumens: 7366.3 lumens
 Efficiency: N/A
 Efficacy: 77.7 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 94.8
 Input Voltage (V): 120
 Input Current (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	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100	
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79			79	
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61			61	
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48			48	
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39			39	
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32			32	
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27			27	
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23			23	
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20			20	
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18			18	
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16			16	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	39750	39750	39750	39750
5°	41772	39761	29048	29218
10°	35920	34545	15882	15509
15°	34927	33202	10318	7775
20°	40258	38576	5527	2764
25°	50620	47348	3582	2149
30°	60798	56657	2902	1760
35°	71997	67550	2378	1414
40°	86865	81779	2100	1068
45°	98895	94584	1957	719
50°	110943	106641	1934	440
55°	125464	125021	1919	198
60°	154822	158494	1751	57
65°	172752	190519	1603	0
70°	176149	215026	1485	0
75°	143331	158602	1420	0
80°	104212	66334	1463	0
85°	67383	27862	1943	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	210.4	2.9
10°-20°	412.6	5.6
20°-30°	571.0	7.8
30°-40°	807.0	11.0
40°-50°	1098.7	14.9
50°-60°	1455.1	19.8
60°-70°	1689.5	22.9
70°-80°	956.8	13.0
80°-90°	165.3	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°	1194.0	16.2
0°-40°	2001.0	27.2
0°-60°	4554.8	61.8
0°-90°	7366.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7366.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2770	2770	2770	2770	2770	
5°	2900	2760	2016	2028	2900	260
15°	2351	2235	694	523	2351	689
25°	3197	2990	226	136	3197	1491
35°	4109	3856	136	81	4109	2591
45°	4872	4660	96	35	4872	3778
55°	5014	4996	77	8	5014	4543
65°	5087	5610	47	0	5087	4959
75°	2585	2860	26	0	2585	2821
85°	409	169	12	0	409	492
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7
2.5°	2877.9	2938.9	2940.8	2968.4	2995.9	2995.9	3060.8	3045.1	2988.0	2978.2	2936.9
5°	2899.5	2921.2	2936.9	3076.6	3194.6	3182.8	3218.2	3194.6	3084.4	2942.8	2846.4
7.5°	2712.6	2736.3	2799.2	3037.2	3196.6	3249.7	3316.6	3169.0	3053.0	2797.2	2612.3
10°	2464.8	2510.0	2626.1	2897.6	3094.3	3263.4	3263.4	3145.4	2921.2	2671.3	2445.1
12.5°	2327.1	2417.6	2480.5	2755.9	3011.6	3127.7	3123.8	3060.8	2915.3	2600.5	2344.8
15°	2350.7	2376.3	2510.0	2724.5	2893.6	2887.7	2958.5	2938.9	2836.6	2663.5	2382.2
17.5°	2458.9	2498.2	2614.3	2724.5	2805.1	2781.5	2779.5	2874.0	2879.9	2769.7	2521.8
20°	2635.9	2752.0	2807.1	2840.5	2742.2	2641.8	2630.0	2761.8	2864.1	2905.4	2689.0
22.5°	2919.2	2995.9	3108.0	2936.9	2681.2	2555.3	2531.7	2677.2	2883.8	3066.7	2905.4
25°	3196.6	3255.6	3363.8	3143.4	2750.0	2537.6	2496.3	2622.2	2958.5	3291.0	3167.1
27.5°	3489.7	3540.8	3552.6	3294.9	2787.4	2502.2	2453.0	2622.2	3021.5	3409.0	3479.8
30°	3668.7	3729.6	3741.4	3428.7	2848.4	2531.7	2508.1	2634.0	3064.8	3509.3	3704.1
32.5°	3869.3	3885.0	3875.2	3452.3	2915.3	2618.2	2519.9	2712.6	3113.9	3629.3	3908.7
35°	4109.3	4136.8	4036.5	3560.5	3064.8	2673.3	2637.9	2809.0	3198.5	3684.4	4156.5
37.5°	4292.2	4378.8	4152.6	3601.8	3094.3	2789.4	2795.3	3009.7	3257.5	3751.3	4429.9
40°	4636.5	4490.9	4349.3	3743.4	3206.4	2986.1	2954.6	3216.2	3456.2	3794.6	4608.9
42.5°	4825.3	4748.6	4426.0	3757.2	3379.5	3257.5	3265.4	3450.3	3560.5	3916.5	4658.1
45°	4872.5	4791.9	4530.3	3767.0	3550.6	3578.2	3713.9	3749.3	3713.9	3997.2	4750.6
47.5°	4992.5	4817.5	4518.5	3898.8	3828.0	3934.2	4107.3	4184.0	3922.4	3967.7	4793.9
50°	4968.9	4868.6	4492.9	3953.9	4166.3	4447.6	4563.7	4532.2	4154.5	3906.7	4746.6
52.5°	4870.6	4762.4	4571.6	4103.4	4483.1	4823.4	4984.7	4906.0	4361.1	4044.4	4715.2
55°	5014.2	4931.6	4673.9	4306.0	4721.1	5153.8	5267.9	5208.9	4614.8	4172.2	4894.2
57.5°	5169.6	5151.9	4951.2	4544.0	5002.4	5494.1	5494.1	5421.4	4835.2	4357.2	5159.7
60°	5393.8	5433.2	5155.8	4701.4	5098.8	5474.5	5759.7	5675.1	5057.4	4681.7	5460.7
62.5°	5321.0	5446.9	5419.4	5039.7	5208.9	5570.9	5726.3	5789.2	5332.8	5077.1	5862.0
65°	5087.0	5220.7	5417.4	5262.0	5126.3	5336.8	5415.5	5606.3	5470.5	5448.9	6027.2
67.5°	4807.6	4953.2	5075.2	5411.5	4959.1	5098.8	5029.9	5090.9	5321.0	5856.1	6121.7
70°	4197.8	4337.5	4530.3	5079.1	4516.5	4390.6	4372.9	4343.4	4701.4	5710.5	5692.8
72.5°	3452.3	3517.2	3835.9	4129.0	3342.1	3318.5	3346.1	3312.6	3727.7	5169.6	4876.5
75°	2584.8	2649.7	2830.7	3171.0	2275.9	2140.2	2297.6	2453.0	2846.4	4012.9	3503.4
77.5°	1943.5	2026.1	2140.2	2372.3	1670.1	1457.6	1479.3	1626.8	2057.6	3214.3	1963.2
80°	1260.9	1251.1	1471.4	1632.7	1257.0	1296.3	1241.2	1349.4	1491.1	1719.3	1003.2
82.5°	727.8	737.7	830.1	936.3	875.4	1001.3	721.9	1205.8	1064.2	700.3	373.8
85°	409.2	426.9	511.4	649.1	548.8	367.9	301.0	598.0	668.8	287.2	181.0
87.5°	41.3	35.4	68.8	245.9	149.5	61.0	90.5	143.6	161.3	108.2	53.1
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°	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7
2.5°	2877.9	2877.9	2828.7	2746.1	2712.6	2653.6	2573.0	2598.6	2571.0	2470.7	2445.1
5°	2759.9	2665.4	2563.1	2437.3	2364.5	2215.0	2167.8	2083.2	2096.9	2012.4	2016.3
7.5°	2514.0	2439.2	2266.1	2100.9	1957.3	1827.4	1644.5	1575.7	1508.8	1475.3	1514.7
10°	2370.4	2230.7	1994.7	1778.3	1587.5	1471.4	1349.4	1255.0	1168.5	1103.6	1089.8
12.5°	2266.1	2142.2	1857.0	1593.4	1443.9	1349.4	1237.3	1107.5	1022.9	910.8	877.3
15°	2234.6	2083.2	1782.2	1520.6	1375.0	1219.6	1091.7	963.9	853.7	735.7	694.4
17.5°	2342.8	2167.8	1780.2	1461.6	1257.0	1089.8	912.7	769.1	657.0	548.8	523.3
20°	2525.8	2258.2	1837.3	1426.2	1144.9	920.6	720.0	576.4	450.5	379.7	361.9
22.5°	2734.3	2411.7	1843.2	1331.7	1032.7	751.4	525.2	379.7	308.8	275.4	265.6
25°	2990.0	2657.6	1914.0	1255.0	900.9	570.5	373.8	291.1	249.8	230.2	226.2
27.5°	3200.5	2828.7	1990.7	1174.4	771.1	422.9	293.1	238.0	216.4	196.7	194.7
30°	3418.8	3025.4	2012.4	1125.2	659.0	348.2	251.8	210.5	186.9	177.0	175.1
32.5°	3609.7	3239.8	2081.2	1044.5	552.8	306.9	228.2	188.8	173.1	157.4	155.4
35°	3855.5	3363.8	2114.6	1001.3	513.4	277.4	208.5	173.1	149.5	139.7	135.7
37.5°	4119.1	3483.8	2136.3	967.8	480.0	259.7	196.7	163.3	141.6	127.9	123.9
40°	4365.0	3652.9	2104.8	926.5	454.4	238.0	188.8	151.5	131.8	118.0	112.1
42.5°	4553.9	3818.2	2095.0	887.2	426.9	230.2	179.0	145.6	123.9	108.2	106.2
45°	4660.1	3930.3	2026.1	855.7	405.2	234.1	175.1	137.7	118.0	104.3	96.4
47.5°	4634.5	4016.8	2043.8	845.9	375.7	218.3	173.1	131.8	108.2	96.4	90.5
50°	4776.2	4191.9	2014.3	814.4	354.1	196.7	188.8	131.8	106.2	92.5	86.6
52.5°	4799.8	4351.3	2077.3	757.3	320.6	181.0	186.9	129.8	102.3	88.5	80.7
55°	4996.5	4536.2	2199.2	725.9	293.1	157.4	171.1	125.9	92.5	80.7	76.7
57.5°	5264.0	4919.7	2277.9	696.4	255.7	137.7	143.6	123.9	84.6	74.8	68.8
60°	5521.7	5073.2	2283.8	643.2	220.3	123.9	112.1	123.9	78.7	66.9	61.0
62.5°	5714.5	5073.2	2244.5	598.0	192.8	110.2	98.4	118.0	70.8	59.0	55.1
65°	5610.2	4937.5	2142.2	560.6	175.1	96.4	84.6	90.5	62.9	51.1	47.2
67.5°	5423.3	4514.5	1916.0	515.4	173.1	84.6	72.8	66.9	55.1	45.2	41.3
70°	5124.3	3944.1	1595.3	464.2	169.2	76.7	64.9	57.0	49.2	39.3	35.4
72.5°	4129.0	3257.5	1310.1	434.7	165.2	66.9	55.1	49.2	41.3	33.4	29.5
75°	2860.2	2081.2	1009.1	371.8	161.3	61.0	51.1	43.3	35.4	27.5	25.6
77.5°	1715.3	1390.7	651.1	279.3	106.2	49.2	43.3	33.4	29.5	23.6	21.6
80°	802.6	657.0	263.6	108.2	51.1	35.4	29.5	25.6	23.6	19.7	17.7
82.5°	314.7	277.4	127.9	62.9	41.3	27.5	23.6	21.6	19.7	15.7	13.8
85°	169.2	149.5	61.0	43.3	29.5	19.7	19.7	17.7	15.7	13.8	11.8
87.5°	37.4	27.5	25.6	25.6	21.6	15.7	15.7	13.8	11.8	9.8	7.9
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°	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7
2.5°	2431.4	2460.9	2413.6	2443.2	2401.8	2433.3	2437.3	2407.7	2415.6	2455.0	2472.7
5°	2071.4	2051.7	2008.4	1994.7	1996.6	1971.0	1980.9	1994.7	2016.3	2028.1	2063.5
7.5°	1493.0	1538.3	1536.3	1569.8	1571.7	1567.8	1540.2	1481.2	1500.9	1485.2	1504.8
10°	1068.1	1087.8	1125.2	1146.8	1186.2	1164.5	1101.6	1078.0	1066.2	1064.2	1083.9
12.5°	853.7	806.5	802.6	810.5	830.1	804.5	773.1	745.5	759.3	786.8	808.5
15°	660.9	621.6	570.5	562.6	566.5	554.7	521.3	485.9	495.7	523.3	539.0
17.5°	507.5	462.3	426.9	403.3	395.4	354.1	304.9	275.4	267.5	265.6	279.3
20°	342.3	334.4	328.5	299.0	299.0	240.0	198.7	177.0	177.0	181.0	182.9
22.5°	255.7	245.9	247.9	242.0	226.2	179.0	157.4	151.5	151.5	155.4	155.4
25°	222.3	208.5	204.6	202.6	186.9	153.4	137.7	131.8	131.8	135.7	135.7
27.5°	188.8	184.9	179.0	171.1	157.4	131.8	122.0	116.1	118.0	120.0	118.0
30°	173.1	163.3	155.4	155.4	139.7	118.0	110.2	106.2	102.3	106.2	108.2
32.5°	153.4	147.5	143.6	137.7	120.0	104.3	96.4	92.5	90.5	90.5	92.5
35°	131.8	131.8	127.9	120.0	104.3	94.4	84.6	80.7	78.7	80.7	80.7
37.5°	118.0	112.1	114.1	106.2	92.5	82.6	72.8	68.8	68.8	66.9	68.8
40°	110.2	100.3	94.4	90.5	82.6	70.8	62.9	59.0	57.0	57.0	57.0
42.5°	98.4	90.5	78.7	76.7	74.8	61.0	51.1	49.2	47.2	45.2	45.2
45°	92.5	80.7	70.8	61.0	61.0	51.1	43.3	39.3	37.4	35.4	37.4
47.5°	84.6	72.8	61.0	51.1	49.2	41.3	33.4	29.5	27.5	27.5	27.5
50°	80.7	64.9	53.1	43.3	37.4	33.4	25.6	21.6	19.7	19.7	19.7
52.5°	74.8	61.0	47.2	37.4	29.5	25.6	19.7	15.7	13.8	13.8	13.8
55°	66.9	55.1	41.3	31.5	25.6	19.7	13.8	9.8	7.9	7.9	7.9
57.5°	62.9	49.2	35.4	27.5	19.7	13.8	7.9	5.9	5.9	3.9	5.9
60°	57.0	43.3	29.5	21.6	15.7	9.8	5.9	2.0	2.0	2.0	2.0
62.5°	49.2	37.4	25.6	17.7	11.8	5.9	2.0	0.0	0.0	0.0	0.0
65°	41.3	29.5	19.7	13.8	7.9	2.0	0.0	0.0	0.0	0.0	0.0
67.5°	35.4	25.6	15.7	9.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	31.5	21.6	11.8	7.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	25.6	17.7	9.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	21.6	13.8	5.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	17.7	9.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	13.8	7.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	11.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	7.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.9	2.0	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: P599578
 CATALOG NUMBER: IFLD-S-SA3A-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7	2769.7
2.5°	2498.2	2486.4	2545.4	2641.8	2691.0	2787.4	2811.0	2872.0	2856.2	2877.9
5°	2067.4	2091.0	2177.6	2319.2	2370.4	2510.0	2641.8	2773.6	2858.2	2899.5
7.5°	1534.3	1613.0	1719.3	1849.1	1980.9	2163.8	2388.1	2541.5	2624.1	2712.6
10°	1142.9	1227.5	1349.4	1477.3	1691.7	1896.3	2120.5	2311.4	2382.2	2464.8
12.5°	899.0	1030.8	1172.4	1310.1	1438.0	1632.7	1910.1	2187.4	2264.1	2327.1
15°	625.5	786.8	989.5	1168.5	1347.5	1516.6	1803.8	2140.2	2244.5	2350.7
17.5°	346.2	474.1	706.2	958.0	1221.6	1481.2	1839.3	2226.8	2384.1	2458.9
20°	200.6	251.8	417.0	716.0	1064.2	1404.5	1857.0	2390.0	2598.6	2635.9
22.5°	165.2	182.9	236.1	448.5	871.4	1355.3	1947.4	2618.2	2830.7	2919.2
25°	141.6	155.4	182.9	269.5	659.0	1251.1	2004.5	2903.5	3100.2	3196.6
27.5°	125.9	139.7	161.3	198.7	448.5	1107.5	2098.9	3161.2	3357.9	3489.7
30°	110.2	122.0	143.6	169.2	310.8	946.2	2179.6	3350.0	3627.4	3668.7
32.5°	98.4	108.2	123.9	145.6	230.2	718.0	2244.5	3544.7	3778.8	3869.3
35°	84.6	96.4	106.2	123.9	175.1	541.0	2205.1	3696.2	4001.1	4109.3
37.5°	74.8	82.6	92.5	104.3	147.5	422.9	2124.5	3877.2	4191.9	4292.2
40°	62.9	68.8	80.7	92.5	133.8	326.5	2032.0	4095.5	4459.4	4636.5
42.5°	53.1	59.0	66.9	86.6	110.2	242.0	1845.2	4264.7	4675.8	4825.3
45°	41.3	49.2	61.0	86.6	88.5	179.0	1652.4	4390.6	4797.8	4872.5
47.5°	31.5	39.3	59.0	74.8	70.8	123.9	1424.2	4534.2	4923.7	4992.5
50°	23.6	31.5	66.9	64.9	59.0	94.4	1280.6	4634.5	4931.6	4968.9
52.5°	15.7	23.6	55.1	49.2	49.2	82.6	1241.2	4630.6	4951.2	4870.6
55°	11.8	17.7	31.5	35.4	43.3	72.8	1205.8	4778.1	4957.1	5014.2
57.5°	7.9	13.8	21.6	27.5	37.4	62.9	1133.1	4955.2	5140.1	5169.6
60°	3.9	9.8	15.7	21.6	31.5	55.1	1030.8	5085.0	5362.3	5393.8
62.5°	2.0	5.9	11.8	17.7	25.6	43.3	924.5	4878.4	5266.0	5321.0
65°	0.0	3.9	7.9	11.8	15.7	31.5	751.4	4404.4	4884.3	5087.0
67.5°	0.0	0.0	3.9	7.9	9.8	23.6	566.5	4007.0	4532.2	4807.6
70°	0.0	0.0	2.0	2.0	5.9	17.7	361.9	3318.5	4046.4	4197.8
72.5°	0.0	0.0	0.0	0.0	2.0	11.8	210.5	2464.8	3171.0	3452.3
75°	0.0	0.0	0.0	0.0	0.0	9.8	106.2	1585.5	2207.1	2584.8
77.5°	0.0	0.0	0.0	0.0	0.0	7.9	57.0	1022.9	1626.8	1943.5
80°	0.0	0.0	0.0	0.0	0.0	2.0	33.4	594.1	1040.6	1260.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	13.8	291.1	621.6	727.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	3.9	155.4	310.8	409.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	21.6	41.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)