

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: P599603

Luminaire Tested: **IFLD-S-SA2B-830-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: P599603  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA2B-830-U-SLL-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield  
 Light Source: (32) 3000K CCT, 80 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

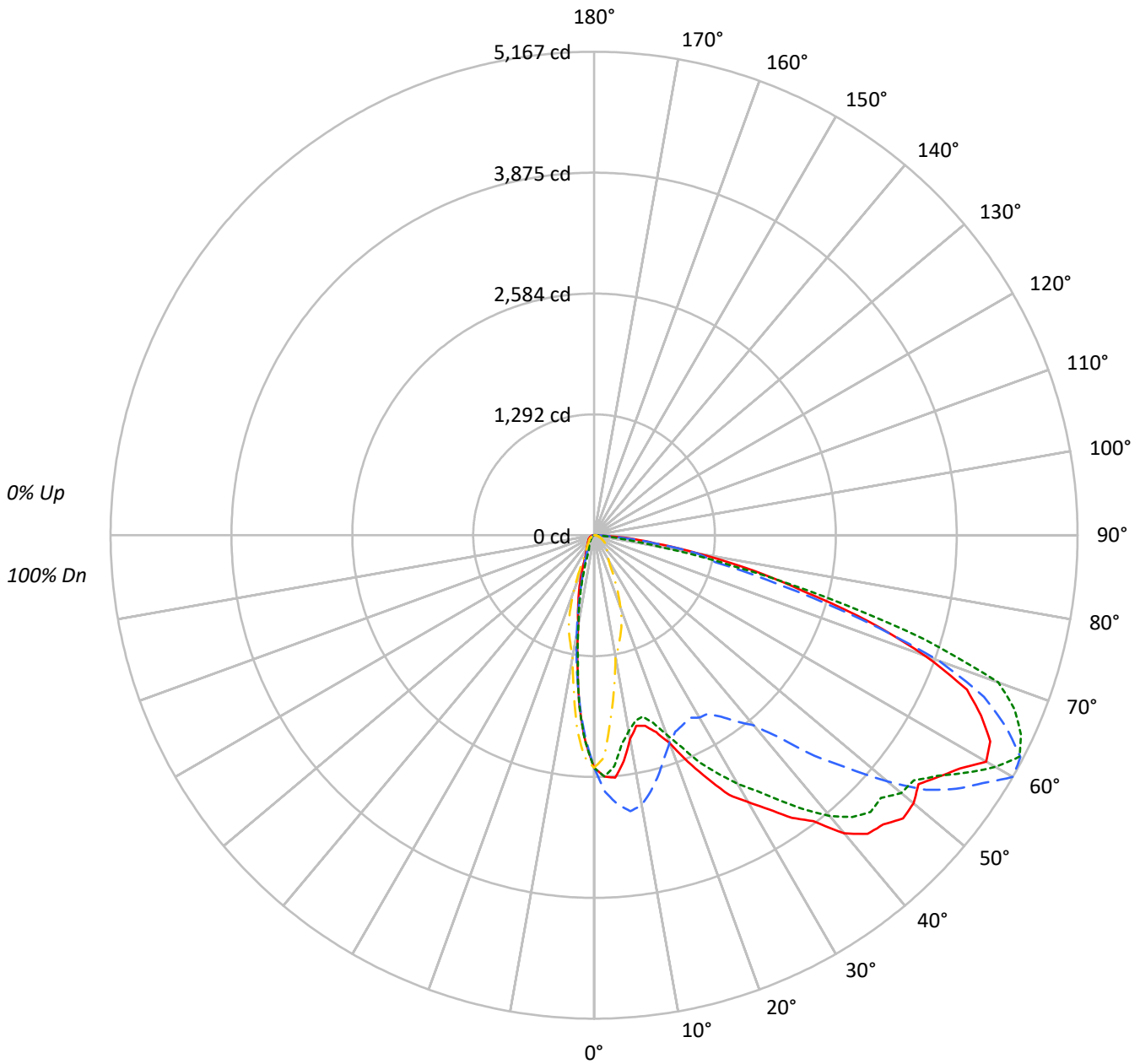
Lumens per Lamp: N/A  
 Luminaire Lumens: 6607.9 lumens  
 Efficiency: N/A  
 Efficacy: 80.2 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
 CIE Type: Direct

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

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

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	53486	53486	53486	53486
5°	56208	53500	39086	39315
10°	48332	46481	21370	20867
15°	46997	44677	13883	10462
20°	54169	51906	7439	3718
25°	68110	63711	4820	2893
30°	81806	76235	3903	2369
35°	96876	90894	3201	1900
40°	116881	110038	2827	1439
45°	133072	127269	2633	968
50°	149281	143490	2599	589
55°	168818	168221	2582	266
60°	208325	213263	2355	78
65°	232446	256357	2155	0
70°	237019	289331	2002	0
75°	192863	213408	1905	0
80°	140227	89249	1971	0
85°	90651	37495	2618	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	188.7	2.9
10°-20°	370.1	5.6
20°-30°	512.2	7.8
30°-40°	723.9	11.0
40°-50°	985.6	14.9
50°-60°	1305.3	19.8
60°-70°	1515.6	22.9
70°-80°	858.3	13.0
80°-90°	148.3	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°	1071.1	16.2
0°-40°	1794.9	27.2
0°-60°	4085.8	61.8
0°-90°	6607.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6607.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2484	2484	2484	2484	2484	
5°	2601	2476	1809	1819	2601	234
15°	2109	2005	623	469	2109	618
25°	2867	2682	203	122	2867	1337
35°	3686	3459	122	72	3686	2324
45°	4371	4180	86	32	4371	3389
55°	4498	4482	69	7	4498	4075
65°	4563	5033	42	0	4563	4448
75°	2319	2566	23	0	2319	2531
85°	367	152	11	0	367	441
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°	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5
2.5°	2581.6	2636.3	2638.0	2662.7	2687.5	2687.5	2745.7	2731.6	2680.4	2671.6	2634.5
5°	2601.0	2620.4	2634.5	2759.8	2865.7	2855.1	2886.8	2865.7	2766.9	2639.8	2553.3
7.5°	2433.4	2454.5	2511.0	2724.5	2867.4	2915.1	2975.1	2842.7	2738.6	2509.2	2343.4
10°	2211.0	2251.6	2355.7	2599.2	2775.7	2927.4	2927.4	2821.6	2620.4	2396.3	2193.4
12.5°	2087.5	2168.7	2225.1	2472.2	2701.6	2805.7	2802.1	2745.7	2615.1	2332.8	2103.4
15°	2108.7	2131.6	2251.6	2443.9	2595.7	2590.4	2653.9	2636.3	2544.5	2389.2	2136.9
17.5°	2205.7	2241.0	2345.1	2443.9	2516.3	2495.1	2493.3	2578.0	2583.3	2484.5	2262.2
20°	2364.5	2468.6	2518.1	2548.1	2459.8	2369.8	2359.2	2477.5	2569.2	2606.3	2412.2
22.5°	2618.6	2687.5	2788.0	2634.5	2405.1	2292.2	2271.0	2401.6	2586.9	2751.0	2606.3
25°	2867.4	2920.4	3017.4	2819.8	2466.9	2276.3	2239.2	2352.2	2653.9	2952.1	2841.0
27.5°	3130.4	3176.2	3186.8	2955.7	2500.4	2244.5	2200.4	2352.2	2710.4	3058.0	3121.5
30°	3290.9	3345.6	3356.2	3075.7	2555.1	2271.0	2249.8	2362.8	2749.2	3148.0	3322.7
32.5°	3470.9	3485.0	3476.2	3096.8	2615.1	2348.7	2260.4	2433.4	2793.3	3255.6	3506.2
35°	3686.2	3710.9	3620.9	3193.9	2749.2	2398.1	2366.3	2519.8	2869.2	3305.1	3728.6
37.5°	3850.3	3928.0	3725.0	3230.9	2775.7	2502.2	2507.5	2699.8	2922.1	3365.1	3973.8
40°	4159.1	4028.5	3901.5	3358.0	2876.3	2678.6	2650.4	2885.1	3100.4	3403.9	4134.4
42.5°	4328.5	4259.7	3970.3	3370.3	3031.5	2922.1	2929.2	3095.1	3193.9	3513.3	4178.5
45°	4370.9	4298.5	4063.8	3379.2	3185.1	3209.8	3331.5	3363.3	3331.5	3585.6	4261.5
47.5°	4478.5	4321.5	4053.2	3497.4	3433.9	3529.2	3684.4	3753.3	3518.6	3559.2	4300.3
50°	4457.3	4367.3	4030.3	3546.8	3737.4	3989.7	4093.8	4065.6	3726.8	3504.5	4257.9
52.5°	4369.1	4272.0	4100.9	3680.9	4021.5	4326.7	4471.4	4400.9	3912.1	3628.0	4229.7
55°	4497.9	4423.8	4192.6	3862.7	4235.0	4623.2	4725.5	4672.6	4139.7	3742.7	4390.3
57.5°	4637.3	4621.4	4441.4	4076.2	4487.3	4928.5	4928.5	4863.2	4337.3	3908.5	4628.5
60°	4838.5	4873.8	4625.0	4217.3	4573.8	4910.8	5166.7	5090.8	4536.7	4199.7	4898.5
62.5°	4773.2	4886.1	4861.4	4520.8	4672.6	4997.3	5136.7	5193.2	4783.8	4554.4	5258.4
65°	4563.2	4683.2	4859.6	4720.2	4598.5	4787.3	4857.9	5029.0	4907.3	4887.9	5406.7
67.5°	4312.6	4443.2	4552.6	4854.4	4448.5	4573.8	4512.0	4566.7	4773.2	5253.1	5491.4
70°	3765.6	3890.9	4063.8	4556.1	4051.5	3938.5	3922.7	3896.2	4217.3	5122.6	5106.7
72.5°	3096.8	3155.1	3440.9	3703.8	2998.0	2976.8	3001.5	2971.5	3343.9	4637.3	4374.4
75°	2318.7	2376.9	2539.2	2844.5	2041.6	1919.9	2061.0	2200.4	2553.3	3599.7	3142.7
77.5°	1743.4	1817.5	1919.9	2128.1	1498.1	1307.6	1327.0	1459.3	1845.7	2883.3	1761.0
80°	1131.1	1122.3	1319.9	1464.6	1127.6	1162.9	1113.4	1210.5	1337.6	1542.2	899.9
82.5°	652.9	661.7	744.7	839.9	785.2	898.2	647.6	1081.7	954.6	628.2	335.3
85°	367.0	382.9	458.8	582.3	492.3	330.0	270.0	536.4	600.0	257.6	162.3
87.5°	37.1	31.8	61.8	220.6	134.1	54.7	81.2	128.8	144.7	97.1	47.6
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°	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5
2.5°	2581.6	2581.6	2537.5	2463.4	2433.4	2380.4	2308.1	2331.0	2306.3	2216.3	2193.4
5°	2475.7	2391.0	2299.2	2186.3	2121.0	1986.9	1944.6	1868.7	1881.0	1805.2	1808.7
7.5°	2255.1	2188.1	2032.8	1884.6	1755.8	1639.3	1475.2	1413.4	1353.4	1323.4	1358.7
10°	2126.3	2001.0	1789.3	1595.2	1424.0	1319.9	1210.5	1125.8	1048.2	989.9	977.6
12.5°	2032.8	1921.6	1665.8	1429.3	1295.2	1210.5	1109.9	993.5	917.6	817.0	787.0
15°	2004.6	1868.7	1598.7	1364.0	1233.4	1094.0	979.3	864.6	765.8	660.0	622.9
17.5°	2101.6	1944.6	1596.9	1311.1	1127.6	977.6	818.8	689.9	589.4	492.3	469.4
20°	2265.7	2025.7	1648.1	1279.3	1027.0	825.8	645.8	517.0	404.1	340.6	324.7
22.5°	2452.8	2163.4	1653.4	1194.6	926.4	674.1	471.1	340.6	277.0	247.0	238.2
25°	2682.2	2383.9	1716.9	1125.8	808.2	511.7	335.3	261.2	224.1	206.5	202.9
27.5°	2871.0	2537.5	1785.8	1053.5	691.7	379.4	262.9	213.5	194.1	176.5	174.7
30°	3066.8	2713.9	1805.2	1009.3	591.1	312.3	225.9	188.8	167.6	158.8	157.0
32.5°	3238.0	2906.3	1866.9	937.0	495.8	275.3	204.7	169.4	155.3	141.2	139.4
35°	3458.6	3017.4	1896.9	898.2	460.6	248.8	187.0	155.3	134.1	125.3	121.8
37.5°	3695.0	3125.1	1916.3	868.2	430.6	232.9	176.5	146.5	127.0	114.7	111.2
40°	3915.6	3276.8	1888.1	831.1	407.6	213.5	169.4	135.9	118.2	105.9	100.6
42.5°	4085.0	3425.0	1879.3	795.8	382.9	206.5	160.6	130.6	111.2	97.1	95.3
45°	4180.3	3525.6	1817.5	767.6	363.5	210.0	157.0	123.5	105.9	93.5	86.5
47.5°	4157.3	3603.3	1833.4	758.8	337.0	195.9	155.3	118.2	97.1	86.5	81.2
50°	4284.4	3760.3	1806.9	730.5	317.6	176.5	169.4	118.2	95.3	82.9	77.6
52.5°	4305.6	3903.2	1863.4	679.4	287.6	162.3	167.6	116.5	91.8	79.4	72.3
55°	4482.0	4069.1	1972.8	651.1	262.9	141.2	153.5	112.9	82.9	72.3	68.8
57.5°	4722.0	4413.2	2043.4	624.7	229.4	123.5	128.8	111.2	75.9	67.1	61.8
60°	4953.2	4550.8	2048.7	577.0	197.6	111.2	100.6	111.2	70.6	60.0	54.7
62.5°	5126.1	4550.8	2013.4	536.4	172.9	98.8	88.2	105.9	63.5	52.9	49.4
65°	5032.6	4429.1	1921.6	502.9	157.0	86.5	75.9	81.2	56.5	45.9	42.3
67.5°	4864.9	4049.7	1718.7	462.3	155.3	75.9	65.3	60.0	49.4	40.6	37.1
70°	4596.7	3538.0	1431.1	416.4	151.8	68.8	58.2	51.2	44.1	35.3	31.8
72.5°	3703.8	2922.1	1175.2	390.0	148.2	60.0	49.4	44.1	37.1	30.0	26.5
75°	2565.7	1866.9	905.2	333.5	144.7	54.7	45.9	38.8	31.8	24.7	22.9
77.5°	1538.7	1247.6	584.1	250.6	95.3	44.1	38.8	30.0	26.5	21.2	19.4
80°	719.9	589.4	236.5	97.1	45.9	31.8	26.5	22.9	21.2	17.6	15.9
82.5°	282.3	248.8	114.7	56.5	37.1	24.7	21.2	19.4	17.6	14.1	12.4
85°	151.8	134.1	54.7	38.8	26.5	17.6	17.6	15.9	14.1	12.4	10.6
87.5°	33.5	24.7	22.9	22.9	19.4	14.1	14.1	12.4	10.6	8.8	7.1
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5
2.5°	2181.0	2207.5	2165.1	2191.6	2154.5	2182.8	2186.3	2159.8	2166.9	2202.2	2218.1
5°	1858.1	1840.5	1801.6	1789.3	1791.0	1768.1	1776.9	1789.3	1808.7	1819.3	1851.0
7.5°	1339.3	1379.9	1378.1	1408.1	1409.9	1406.4	1381.7	1328.7	1346.4	1332.3	1349.9
10°	958.2	975.8	1009.3	1028.7	1064.0	1044.6	988.2	967.0	956.4	954.6	972.3
12.5°	765.8	723.5	719.9	727.0	744.7	721.7	693.5	668.8	681.1	705.8	725.2
15°	592.9	557.6	511.7	504.7	508.2	497.6	467.6	435.9	444.7	469.4	483.5
17.5°	455.3	414.7	382.9	361.7	354.7	317.6	273.5	247.0	240.0	238.2	250.6
20°	307.0	300.0	294.7	268.2	268.2	215.3	178.2	158.8	158.8	162.3	164.1
22.5°	229.4	220.6	222.3	217.0	202.9	160.6	141.2	135.9	135.9	139.4	139.4
25°	199.4	187.0	183.5	181.8	167.6	137.6	123.5	118.2	118.2	121.8	121.8
27.5°	169.4	165.9	160.6	153.5	141.2	118.2	109.4	104.1	105.9	107.6	105.9
30°	155.3	146.5	139.4	139.4	125.3	105.9	98.8	95.3	91.8	95.3	97.1
32.5°	137.6	132.3	128.8	123.5	107.6	93.5	86.5	82.9	81.2	81.2	82.9
35°	118.2	118.2	114.7	107.6	93.5	84.7	75.9	72.3	70.6	72.3	72.3
37.5°	105.9	100.6	102.3	95.3	82.9	74.1	65.3	61.8	61.8	60.0	61.8
40°	98.8	90.0	84.7	81.2	74.1	63.5	56.5	52.9	51.2	51.2	51.2
42.5°	88.2	81.2	70.6	68.8	67.1	54.7	45.9	44.1	42.3	40.6	40.6
45°	82.9	72.3	63.5	54.7	54.7	45.9	38.8	35.3	33.5	31.8	33.5
47.5°	75.9	65.3	54.7	45.9	44.1	37.1	30.0	26.5	24.7	24.7	24.7
50°	72.3	58.2	47.6	38.8	33.5	30.0	22.9	19.4	17.6	17.6	17.6
52.5°	67.1	54.7	42.3	33.5	26.5	22.9	17.6	14.1	12.4	12.4	12.4
55°	60.0	49.4	37.1	28.2	22.9	17.6	12.4	8.8	7.1	7.1	7.1
57.5°	56.5	44.1	31.8	24.7	17.6	12.4	7.1	5.3	5.3	3.5	5.3
60°	51.2	38.8	26.5	19.4	14.1	8.8	5.3	1.8	1.8	1.8	1.8
62.5°	44.1	33.5	22.9	15.9	10.6	5.3	1.8	0.0	0.0	0.0	0.0
65°	37.1	26.5	17.6	12.4	7.1	1.8	0.0	0.0	0.0	0.0	0.0
67.5°	31.8	22.9	14.1	8.8	5.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	28.2	19.4	10.6	7.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	22.9	15.9	8.8	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	19.4	12.4	5.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	15.9	8.8	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	12.4	7.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	10.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	7.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.3	1.8	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: P599603  
 CATALOG NUMBER: IFLD-S-SA2B-830-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5	2484.5
2.5°	2241.0	2230.4	2283.4	2369.8	2413.9	2500.4	2521.6	2576.3	2562.2	2581.6
5°	1854.6	1875.7	1953.4	2080.4	2126.3	2251.6	2369.8	2488.1	2563.9	2601.0
7.5°	1376.4	1447.0	1542.2	1658.7	1776.9	1941.0	2142.2	2279.8	2353.9	2433.4
10°	1025.2	1101.1	1210.5	1325.2	1517.5	1701.1	1902.2	2073.4	2136.9	2211.0
12.5°	806.4	924.6	1051.7	1175.2	1289.9	1464.6	1713.4	1962.2	2031.0	2087.5
15°	561.1	705.8	887.6	1048.2	1208.7	1360.5	1618.1	1919.9	2013.4	2108.7
17.5°	310.6	425.3	633.5	859.3	1095.8	1328.7	1649.9	1997.5	2138.7	2205.7
20°	180.0	225.9	374.1	642.3	954.6	1259.9	1665.8	2144.0	2331.0	2364.5
22.5°	148.2	164.1	211.7	402.3	781.7	1215.8	1746.9	2348.7	2539.2	2618.6
25°	127.0	139.4	164.1	241.7	591.1	1122.3	1798.1	2604.5	2781.0	2867.4
27.5°	112.9	125.3	144.7	178.2	402.3	993.5	1882.8	2835.7	3012.1	3130.4
30°	98.8	109.4	128.8	151.8	278.8	848.8	1955.2	3005.1	3253.9	3290.9
32.5°	88.2	97.1	111.2	130.6	206.5	644.1	2013.4	3179.8	3389.8	3470.9
35°	75.9	86.5	95.3	111.2	157.0	485.3	1978.1	3315.6	3589.2	3686.2
37.5°	67.1	74.1	82.9	93.5	132.3	379.4	1905.7	3478.0	3760.3	3850.3
40°	56.5	61.8	72.3	82.9	120.0	292.9	1822.8	3673.9	4000.3	4159.1
42.5°	47.6	52.9	60.0	77.6	98.8	217.0	1655.2	3825.6	4194.4	4328.5
45°	37.1	44.1	54.7	77.6	79.4	160.6	1482.2	3938.5	4303.8	4370.9
47.5°	28.2	35.3	52.9	67.1	63.5	111.2	1277.6	4067.4	4416.7	4478.5
50°	21.2	28.2	60.0	58.2	52.9	84.7	1148.7	4157.3	4423.8	4457.3
52.5°	14.1	21.2	49.4	44.1	44.1	74.1	1113.4	4153.8	4441.4	4369.1
55°	10.6	15.9	28.2	31.8	38.8	65.3	1081.7	4286.2	4446.7	4497.9
57.5°	7.1	12.4	19.4	24.7	33.5	56.5	1016.4	4445.0	4610.8	4637.3
60°	3.5	8.8	14.1	19.4	28.2	49.4	924.6	4561.4	4810.2	4838.5
62.5°	1.8	5.3	10.6	15.9	22.9	38.8	829.4	4376.2	4723.8	4773.2
65°	0.0	3.5	7.1	10.6	14.1	28.2	674.1	3950.9	4381.4	4563.2
67.5°	0.0	0.0	3.5	7.1	8.8	21.2	508.2	3594.4	4065.6	4312.6
70°	0.0	0.0	1.8	1.8	5.3	15.9	324.7	2976.8	3629.7	3765.6
72.5°	0.0	0.0	0.0	0.0	1.8	10.6	188.8	2211.0	2844.5	3096.8
75°	0.0	0.0	0.0	0.0	0.0	8.8	95.3	1422.2	1979.9	2318.7
77.5°	0.0	0.0	0.0	0.0	0.0	7.1	51.2	917.6	1459.3	1743.4
80°	0.0	0.0	0.0	0.0	0.0	1.8	30.0	532.9	933.5	1131.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	12.4	261.2	557.6	652.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	3.5	139.4	278.8	367.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	19.4	37.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)