

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: P599356

Luminaire Tested: **IFLD-M-SA4A-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: P599356  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4A-830-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (64) 3000K CCT, 80 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

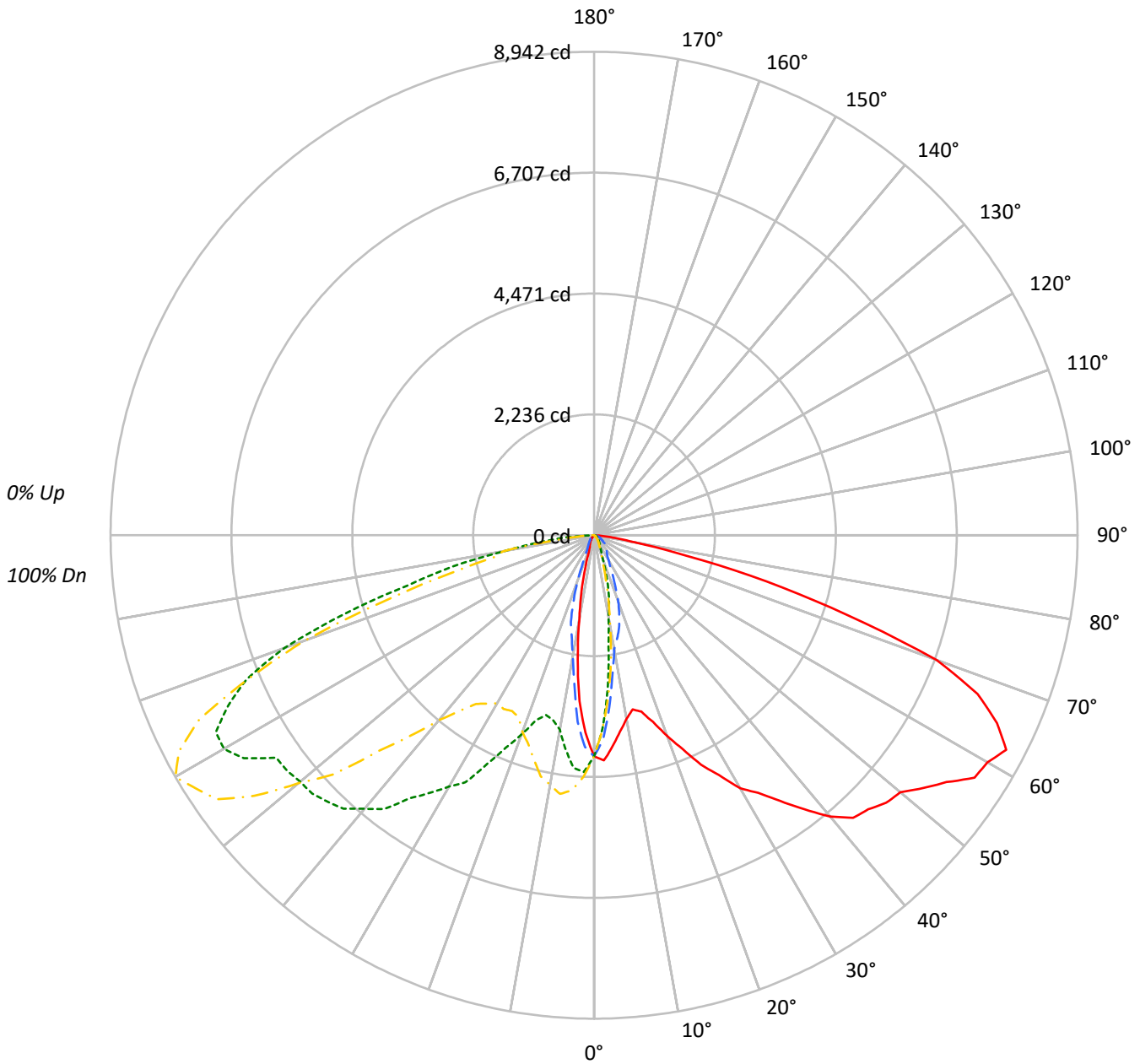
Lumens per Lamp: N/A  
 Luminaire Lumens: 10688.9 lumens  
 Efficiency: N/A  
 Efficacy: 83.1 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 128.6  
 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79	79	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62	62	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49	49	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40	40	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33	33	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27	27	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24	24	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20	20	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18	18	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16	16	16

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

	0°	90°	180°	270°
0°	43986	43986	43986	43986
5°	42347	30951	33317	46676
10°	37703	16851	17072	39907
15°	37636	11239	6872	38343
20°	45190	5612	2740	44927
25°	55583	3525	2122	55308
30°	67158	2830	1612	66728
35°	78802	2272	1250	78006
40°	95401	1943	809	92768
45°	109142	1755	438	106116
50°	123828	1690	97	118760
55°	149370	1623	0	134660
60°	180842	1365	0	170109
65°	209403	1100	0	190319
70°	212043	906	0	191907
75°	137226	599	0	147174
80°	46800	180	0	104144
85°	23490	0	0	76522

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	309.5	2.9
10°-20°	599.4	5.6
20°-30°	834.8	7.8
30°-40°	1186.2	11.1
40°-50°	1644.9	15.4
50°-60°	2241.2	21.0
60°-70°	2464.1	23.1
70°-80°	1211.1	11.3
80°-90°	197.8	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°	1743.7	16.3
0°-40°	2929.9	27.4
0°-60°	6816.0	63.8
0°-90°	10688.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10688.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4086	4086	4086	4086	4086	
5°	3919	2864	3084	4320	3919	359
15°	3377	1009	617	3441	3377	1000
25°	4680	297	179	4657	4680	2176
35°	5997	173	95	5936	5997	3807
45°	7170	115	29	6971	7170	5558
55°	7960	86	0	7176	7960	7160
65°	8222	43	0	7472	8222	7945
75°	3300	14	0	3539	3300	3597
85°	190	0	0	620	190	263
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°	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4
2.5°	4169.9	4218.9	4172.8	4011.4	3982.6	3904.8	3786.6	3778.0	3654.1	3668.5	3602.2
5°	3919.2	3968.2	3870.2	3657.0	3458.1	3299.6	3204.5	3034.5	2997.0	2913.5	2913.5
7.5°	3662.7	3659.8	3492.7	3314.0	3017.2	2726.2	2593.6	2348.6	2204.6	2126.7	2051.8
10°	3449.5	3403.4	3299.6	2930.8	2608.0	2305.4	2141.2	1979.8	1829.9	1700.2	1570.6
12.5°	3299.6	3328.4	3164.2	2763.6	2345.8	2135.4	1959.6	1789.6	1610.9	1463.9	1319.9
15°	3377.4	3331.3	3138.2	2726.2	2302.5	2014.4	1780.9	1573.4	1374.6	1181.5	1072.0
17.5°	3619.5	3501.4	3273.7	2726.2	2213.2	1829.9	1547.5	1302.6	1089.3	916.4	781.0
20°	3945.1	3809.7	3564.8	2827.0	2146.9	1694.5	1308.3	1000.0	778.1	616.7	513.0
22.5°	4279.4	4172.8	3803.9	2867.4	2069.1	1512.9	1031.7	723.3	518.7	415.0	363.1
25°	4680.0	4530.1	4126.7	3028.7	1953.8	1337.1	812.7	504.3	386.2	331.4	299.7
27.5°	4999.9	4973.9	4429.3	3126.7	1867.4	1193.1	642.6	400.6	319.9	279.5	259.4
30°	5403.3	5262.1	4798.1	3322.7	1769.4	1028.8	536.0	360.2	293.9	250.7	236.3
32.5°	5645.4	5579.1	4991.2	3432.2	1659.9	893.3	461.1	317.0	268.0	236.3	221.9
35°	5997.0	5864.4	5267.9	3501.4	1602.3	815.5	415.0	288.2	224.8	193.1	175.8
37.5°	6388.9	6339.9	5599.3	3498.5	1518.7	769.4	383.3	268.0	213.3	178.7	158.5
40°	6789.5	6590.6	5801.0	3579.2	1475.5	734.9	360.2	256.5	201.7	170.0	144.1
42.5°	7089.2	6861.5	6034.4	3550.3	1423.6	674.3	351.6	239.2	193.1	155.6	132.6
45°	7169.8	7089.2	6244.8	3541.7	1386.1	625.3	337.2	236.3	187.3	147.0	123.9
47.5°	7325.5	7270.7	6504.2	3556.1	1357.3	587.9	302.6	242.1	178.7	138.3	118.2
50°	7394.6	7296.6	6714.5	3590.7	1291.0	541.8	270.9	253.6	175.8	135.4	112.4
52.5°	7679.9	7593.5	7002.7	3688.7	1236.3	481.3	239.2	242.1	181.6	126.8	106.6
55°	7959.5	7861.5	7446.5	3913.4	1158.5	432.3	204.6	213.3	172.9	115.3	95.1
57.5°	8342.7	8181.3	7743.3	4005.7	1089.3	366.0	181.6	175.8	161.4	103.7	83.6
60°	8400.4	8466.6	7700.1	3948.0	1017.3	322.8	158.5	135.4	172.9	92.2	72.0
62.5°	8593.4	8316.8	7498.4	3815.5	965.4	296.8	141.2	112.4	149.9	80.7	60.5
65°	8221.7	8017.1	7025.8	3389.0	899.1	299.7	123.9	92.2	95.1	66.3	49.0
67.5°	7677.0	7515.7	6241.9	2925.0	832.8	293.9	109.5	80.7	72.0	57.6	43.2
70°	6737.6	6388.9	5302.5	2374.6	734.9	273.8	92.2	72.0	60.5	46.1	31.7
72.5°	4901.9	4760.7	3803.9	1835.7	659.9	247.8	86.5	60.5	51.9	34.6	25.9
75°	3299.6	3066.2	2400.5	1204.6	530.2	216.1	72.0	54.8	40.3	25.9	20.2
77.5°	1743.5	1648.4	1360.2	573.5	293.9	100.9	40.3	31.7	23.1	20.2	11.5
80°	755.0	671.5	587.9	233.4	103.7	46.1	25.9	17.3	14.4	11.5	5.8
82.5°	386.2	368.9	305.5	100.9	60.5	34.6	14.4	11.5	8.6	5.8	2.9
85°	190.2	196.0	161.4	31.7	34.6	20.2	2.9	2.9	0.0	0.0	0.0
87.5°	14.4	14.4	11.5	5.8	8.6	2.9	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°	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4
2.5°	3576.3	3616.6	3547.5	3590.7	3570.5	3579.2	3587.8	3564.8	3570.5	3651.2	3654.1
5°	2864.5	2942.3	2913.5	2953.8	3023.0	2988.4	3020.1	3014.3	3020.1	3031.6	3083.5
7.5°	2043.2	2020.1	2074.9	2181.5	2305.4	2380.3	2342.9	2322.7	2311.2	2282.4	2316.9
10°	1541.7	1530.2	1515.8	1547.5	1628.2	1711.8	1757.9	1680.1	1636.8	1582.1	1561.9
12.5°	1279.5	1207.5	1167.1	1118.1	1141.2	1216.1	1219.0	1144.1	1074.9	1046.1	1077.8
15°	1008.6	959.6	887.6	818.4	783.8	841.5	792.5	720.4	631.1	619.6	616.7
17.5°	720.4	691.6	639.8	610.9	570.6	556.2	504.3	394.8	331.4	314.1	319.9
20°	489.9	466.8	464.0	438.0	420.7	409.2	325.6	253.6	233.4	236.3	239.2
22.5°	363.1	351.6	337.2	334.3	319.9	305.5	239.2	213.3	198.8	198.8	207.5
25°	296.8	291.1	276.7	270.9	265.1	245.0	201.7	181.6	175.8	170.0	178.7
27.5°	253.6	250.7	242.1	233.4	227.7	207.5	175.8	158.5	152.7	152.7	152.7
30°	227.7	227.7	216.1	198.8	198.8	175.8	149.9	138.3	132.6	132.6	129.7
32.5°	213.3	207.5	193.1	181.6	172.9	149.9	132.6	121.0	112.4	112.4	115.3
35°	172.9	172.9	170.0	161.4	149.9	126.8	112.4	100.9	95.1	92.2	95.1
37.5°	152.7	144.1	132.6	135.4	129.7	109.5	95.1	86.5	77.8	77.8	77.8
40°	138.3	129.7	118.2	109.5	106.6	98.0	83.6	69.2	60.5	57.6	57.6
42.5°	123.9	118.2	100.9	86.5	83.6	83.6	63.4	51.9	43.2	43.2	43.2
45°	115.3	106.6	92.2	74.9	60.5	63.4	51.9	37.5	31.7	28.8	28.8
47.5°	109.5	100.9	80.7	63.4	46.1	46.1	37.5	25.9	20.2	17.3	17.3
50°	100.9	92.2	72.0	51.9	34.6	28.8	23.1	14.4	8.6	5.8	5.8
52.5°	95.1	86.5	63.4	43.2	28.8	20.2	14.4	2.9	0.0	0.0	0.0
55°	86.5	74.9	54.8	34.6	23.1	11.5	2.9	0.0	0.0	0.0	0.0
57.5°	74.9	66.3	43.2	25.9	14.4	2.9	0.0	0.0	0.0	0.0	0.0
60°	63.4	54.8	34.6	20.2	5.8	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	51.9	46.1	25.9	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	43.2	34.6	20.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	37.5	28.8	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	28.8	20.2	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	20.2	14.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	14.4	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	8.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.9	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°	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4
2.5°	3665.6	3752.1	3832.8	3855.8	3919.2	4095.0	4095.0	4178.6	4328.4	4383.2	4394.7
5°	3092.1	3184.4	3201.6	3380.3	3463.9	3642.6	3760.7	4043.1	4213.1	4319.8	4386.1
7.5°	2351.5	2383.2	2449.5	2616.6	2780.9	2997.0	3221.8	3582.0	3881.7	4002.8	4227.6
10°	1616.7	1711.8	1855.9	2005.7	2262.2	2501.4	2792.4	3132.5	3501.4	3651.2	3844.3
12.5°	1089.3	1221.9	1452.4	1665.7	1902.0	2144.0	2420.7	2876.0	3293.9	3501.4	3694.4
15°	636.9	798.3	997.1	1342.9	1657.0	1927.9	2204.6	2665.6	3172.8	3440.8	3677.1
17.5°	322.8	371.7	536.0	835.7	1250.7	1694.5	2106.6	2694.5	3265.0	3593.6	3789.5
20°	242.1	256.5	302.6	443.8	855.9	1400.5	2014.4	2737.7	3521.5	3922.1	4028.7
22.5°	210.4	221.9	242.1	288.2	481.3	1072.0	1884.7	2844.3	3870.2	4247.7	4472.5
25°	178.7	190.2	207.5	236.3	308.3	729.1	1726.2	2956.7	4181.5	4656.9	4867.3
27.5°	155.6	164.3	181.6	204.6	250.7	464.0	1452.4	3106.5	4656.9	5152.6	5207.4
30°	132.6	141.2	155.6	181.6	213.3	328.5	1066.3	3126.7	4919.2	5368.7	5521.5
32.5°	115.3	118.2	135.4	158.5	178.7	259.4	749.3	3146.9	5112.3	5648.3	5680.0
35°	95.1	100.9	118.2	132.6	155.6	204.6	567.7	3046.0	5363.0	5936.4	5927.8
37.5°	77.8	86.5	98.0	109.5	126.8	172.9	452.4	2858.7	5677.1	6383.1	6112.2
40°	60.5	69.2	80.7	95.1	106.6	155.6	340.0	2576.3	6005.6	6602.1	6314.0
42.5°	43.2	49.0	60.5	74.9	95.1	129.7	245.0	2242.0	6135.3	6858.6	6556.0
45°	31.7	37.5	46.1	63.4	98.0	103.7	170.0	1936.6	6273.6	6971.0	6501.3
47.5°	17.3	23.1	34.6	54.8	86.5	77.8	121.0	1662.8	6432.1	7071.9	6544.5
50°	5.8	8.6	20.2	57.6	69.2	60.5	95.1	1515.8	6587.7	7092.0	6631.0
52.5°	0.0	0.0	11.5	60.5	51.9	46.1	83.6	1458.2	6547.4	7155.4	6576.2
55°	0.0	0.0	2.9	25.9	28.8	34.6	69.2	1455.3	6832.7	7175.6	6875.9
57.5°	0.0	0.0	0.0	8.6	17.3	28.8	60.5	1363.1	7014.2	7677.0	7279.4
60°	0.0	0.0	0.0	2.9	11.5	20.2	46.1	1282.4	7198.7	7901.8	7711.6
62.5°	0.0	0.0	0.0	0.0	2.9	8.6	31.7	1158.5	6826.9	7884.5	8129.5
65°	0.0	0.0	0.0	0.0	0.0	0.0	20.2	916.4	6141.1	7472.4	7898.9
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	11.5	634.0	5377.4	6953.7	7475.3
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	383.3	4339.9	6097.8	6339.9
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	164.3	3097.9	4841.4	5201.6
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.3	1916.4	3538.8	3982.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.9	1242.0	2680.0	3023.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	662.8	1680.1	1953.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288.2	1020.1	1175.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.2	619.6	706.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.1	126.8
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: P599356  
 CATALOG NUMBER: IFLD-M-SA4A-830-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4	4086.4
2.5°	4400.5	4484.0	4515.7	4466.7	4472.5	4371.6	4357.2	4216.0	4158.4	4169.9
5°	4602.2	4723.2	4789.5	4734.8	4610.8	4417.8	4242.0	4074.8	3971.1	3919.2
7.5°	4556.1	4691.5	4775.1	4827.0	4685.8	4374.5	4106.5	3792.4	3659.8	3662.7
10°	4302.5	4584.9	4754.9	4688.6	4622.4	4311.1	3896.2	3556.1	3438.0	3449.5
12.5°	4097.9	4412.0	4512.9	4564.7	4429.3	4181.5	3901.9	3512.9	3380.3	3299.6
15°	3971.1	4204.5	4210.3	4291.0	4236.2	4236.2	3962.4	3582.0	3466.8	3377.4
17.5°	3971.1	4023.0	4017.2	4046.0	4138.2	4247.7	4115.2	3861.6	3633.9	3619.5
20°	4060.4	3899.0	3861.6	3873.1	3950.9	4276.5	4452.3	4135.3	3991.3	3945.1
22.5°	4267.9	3913.4	3685.8	3645.4	3884.6	4273.7	4668.5	4567.6	4316.9	4279.4
25°	4553.2	3887.5	3639.7	3587.8	3769.4	4377.4	4965.3	4985.5	4757.8	4680.0
27.5°	4824.1	4002.8	3633.9	3622.4	3861.6	4354.4	5169.9	5319.7	5063.3	4999.9
30°	4916.3	4118.1	3740.5	3587.8	3896.2	4437.9	5164.1	5556.1	5388.9	5403.3
32.5°	5025.8	4233.3	3752.1	3691.5	4043.1	4573.4	5328.4	5936.4	5815.4	5645.4
35°	5187.2	4388.9	3861.6	3806.8	4146.9	4694.4	5363.0	6216.0	6195.8	5997.0
37.5°	5325.5	4541.7	4089.2	4097.9	4463.9	4890.4	5515.7	6558.9	6524.3	6388.9
40°	5423.5	4754.9	4443.7	4466.7	4740.5	5109.4	5786.6	6731.8	6988.3	6789.5
42.5°	5437.9	4945.1	4850.0	5034.5	5290.9	5449.4	5896.1	6850.0	7218.8	7089.2
45°	5492.7	5247.7	5512.8	5648.3	5858.6	5749.1	5890.3	7051.7	7236.1	7169.8
47.5°	5705.9	5798.1	6132.4	6544.5	6619.4	6259.2	6028.7	7083.4	7334.1	7325.5
50°	5927.8	6388.9	6858.6	7132.4	7227.5	6610.8	6158.3	7057.5	7463.8	7394.6
52.5°	6175.6	6901.8	7579.1	7916.2	7864.4	6999.8	6305.3	7267.8	7703.0	7679.9
55°	6331.3	7132.4	8043.0	8512.8	8472.4	7435.0	6772.2	7570.4	8017.1	7959.5
57.5°	6743.3	7507.0	8504.1	8723.1	8829.7	8005.6	7097.8	8066.1	8279.3	8342.7
60°	7083.4	7752.0	8625.1	8942.1	8979.6	8345.6	7668.4	8576.2	8613.6	8400.4
62.5°	7581.9	7847.1	8368.7	8654.0	8847.0	8538.7	8181.3	8849.9	8607.9	8593.4
65°	7947.9	7535.8	7890.3	8048.8	8172.7	8244.7	8697.2	9037.2	8501.2	8221.7
67.5°	7743.3	6948.0	6881.7	6890.3	6927.8	7362.9	8524.3	8579.0	7907.6	7677.0
70°	6815.4	5700.1	5610.8	5680.0	5492.7	6017.1	7824.0	7798.1	6976.8	6737.6
72.5°	5512.8	4155.5	4002.8	4097.9	4141.1	4697.3	6582.0	5913.4	5089.2	4901.9
75°	4380.3	3046.0	2570.5	2801.1	2948.1	3420.7	5141.1	4017.2	3553.2	3299.6
77.5°	3440.8	2305.4	1999.9	1907.7	2043.2	2487.0	3740.5	2109.5	1861.6	1743.5
80°	2181.5	1694.5	1838.6	1706.0	1763.6	1775.2	1948.1	959.6	763.7	755.0
82.5°	1314.1	1158.5	1377.5	757.9	1380.4	1233.4	809.8	435.1	386.2	386.2
85°	930.8	717.6	475.5	308.3	613.8	677.2	314.1	224.8	196.0	190.2
87.5°	466.8	221.9	106.6	69.2	77.8	126.8	37.5	17.3	17.3	14.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)