

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: P599344

Luminaire Tested: **IFLD-S-SA2D-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: P599344  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA2D-830-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (32) 3000K CCT, 80 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

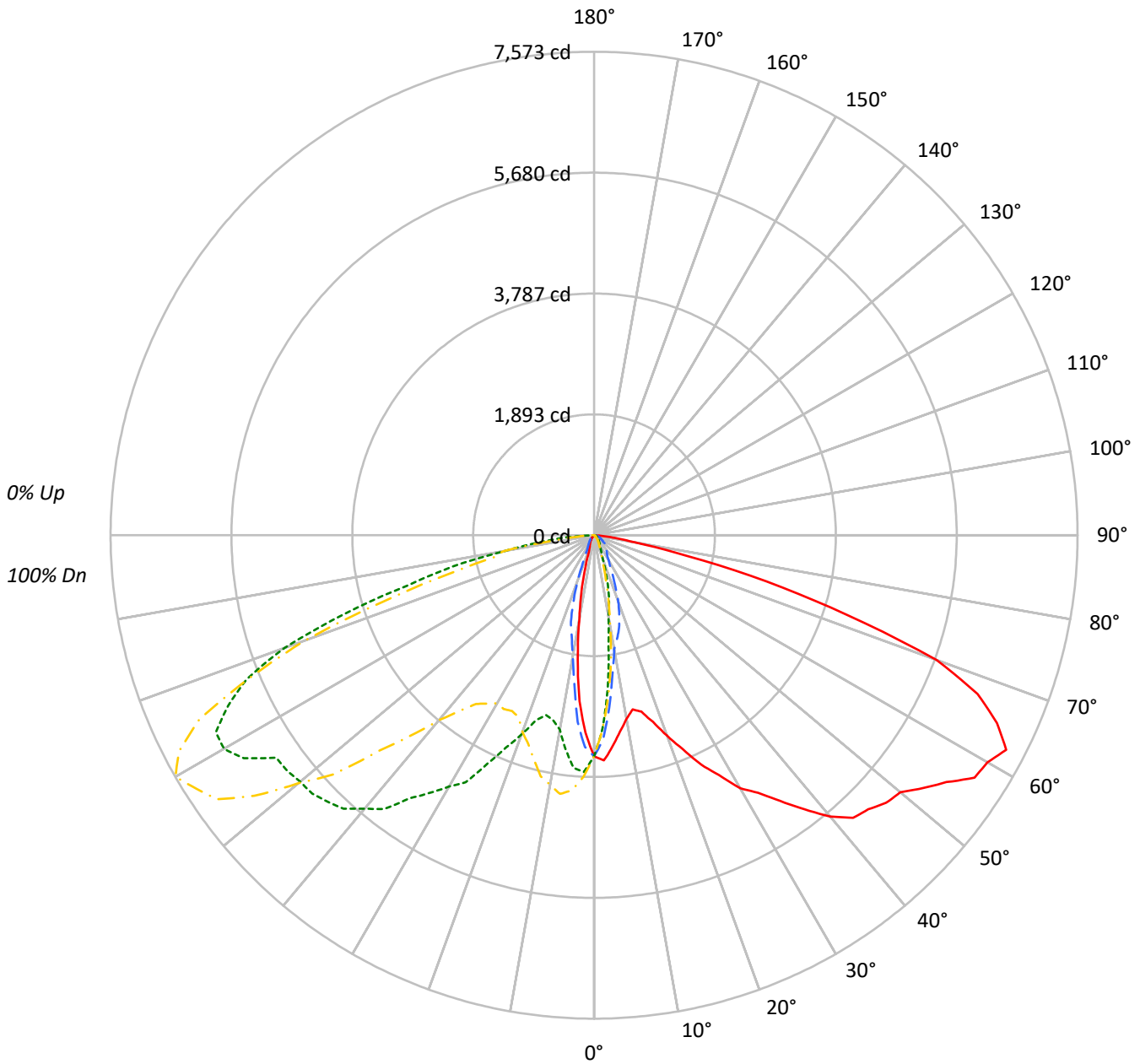
Lumens per Lamp: N/A  
 Luminaire Lumens: 9052.1 lumens  
 Efficiency: N/A  
 Efficacy: 73.1 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 123.9  
 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

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

	0°	90°	180°	270°
0°	74499	74499	74499	74499
5°	71726	52424	56430	79056
10°	63859	28543	28914	67593
15°	63748	19038	11641	64945
20°	76540	9505	4641	76094
25°	94144	5972	3594	93678
30°	113749	4793	2729	113020
35°	133471	3847	2116	132123
40°	161584	3291	1371	157127
45°	184862	2971	743	179735
50°	209733	2860	164	201152
55°	252992	2747	0	228078
60°	306298	2312	0	288120
65°	354674	1864	0	322353
70°	359147	1536	0	325045
75°	232430	1015	0	249274
80°	79269	298	0	176390
85°	39792	0	0	129603

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	262.1	2.9
10°-20°	507.6	5.6
20°-30°	707.0	7.8
30°-40°	1004.5	11.1
40°-50°	1393.0	15.4
50°-60°	1898.0	21.0
60°-70°	2086.7	23.1
70°-80°	1025.6	11.3
80°-90°	167.5	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°	1476.7	16.3
0°-40°	2481.3	27.4
0°-60°	5772.3	63.8
0°-90°	9052.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9052.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3461	3461	3461	3461	3461	
5°	3319	2426	2611	3658	3319	304
15°	2860	854	522	2914	2860	847
25°	3963	251	151	3944	3963	1843
35°	5079	146	80	5027	5079	3224
45°	6072	98	24	5904	6072	4707
55°	6741	73	0	6077	6741	6064
65°	6963	37	0	6328	6963	6729
75°	2794	12	0	2997	2794	3046
85°	161	0	0	525	161	223
90°	0	0	0	0	0	

TEST NUMBER: P599344  
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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6
2.5°	3531.4	3572.9	3533.8	3397.2	3372.8	3306.9	3206.8	3199.5	3094.5	3106.8	3050.6
5°	3319.1	3360.6	3277.6	3097.0	2928.6	2794.4	2713.8	2569.8	2538.1	2467.3	2467.3
7.5°	3101.9	3099.4	2957.9	2806.6	2555.2	2308.7	2196.4	1989.0	1867.0	1801.1	1737.6
10°	2921.3	2882.2	2794.4	2482.0	2208.6	1952.4	1813.3	1676.6	1549.7	1439.9	1330.1
12.5°	2794.4	2818.8	2679.7	2340.4	1986.6	1808.4	1659.5	1515.5	1364.2	1239.8	1117.7
15°	2860.3	2821.2	2657.7	2308.7	1950.0	1705.9	1508.2	1332.5	1164.1	1000.6	907.9
17.5°	3065.3	2965.2	2772.4	2308.7	1874.3	1549.7	1310.5	1103.1	922.5	776.1	661.4
20°	3341.0	3226.3	3018.9	2394.1	1818.2	1435.0	1108.0	846.9	658.9	522.3	434.4
22.5°	3624.1	3533.8	3221.5	2428.3	1752.3	1281.3	873.7	612.6	439.3	351.4	307.5
25°	3963.4	3836.5	3494.8	2565.0	1654.7	1132.4	688.2	427.1	327.0	280.7	253.8
27.5°	4234.3	4212.3	3751.0	2647.9	1581.4	1010.4	544.2	339.2	270.9	236.7	219.6
30°	4575.9	4456.3	4063.4	2813.9	1498.5	871.3	453.9	305.1	248.9	212.3	200.1
32.5°	4780.9	4724.8	4226.9	2906.6	1405.7	756.6	390.5	268.5	227.0	200.1	187.9
35°	5078.7	4966.4	4461.2	2965.2	1356.9	690.7	351.4	244.0	190.4	163.5	148.9
37.5°	5410.6	5369.1	4741.9	2962.8	1286.1	651.6	324.6	227.0	180.6	151.3	134.2
40°	5749.8	5581.4	4912.7	3031.1	1249.5	622.3	305.1	217.2	170.8	144.0	122.0
42.5°	6003.6	5810.8	5110.4	3006.7	1205.6	571.1	297.7	202.6	163.5	131.8	112.3
45°	6072.0	6003.6	5288.6	2999.4	1173.9	529.6	285.5	200.1	158.6	124.5	104.9
47.5°	6203.7	6157.4	5508.2	3011.6	1149.5	497.9	256.3	205.0	151.3	117.1	100.1
50°	6262.3	6179.3	5686.4	3040.9	1093.3	458.8	229.4	214.8	148.9	114.7	95.2
52.5°	6503.9	6430.7	5930.4	3123.8	1047.0	407.6	202.6	205.0	153.8	107.4	90.3
55°	6740.6	6657.7	6306.2	3314.2	981.1	366.1	173.3	180.6	146.4	97.6	80.5
57.5°	7065.2	6928.6	6557.6	3392.3	922.5	309.9	153.8	148.9	136.7	87.9	70.8
60°	7114.0	7170.2	6521.0	3343.5	861.5	273.3	134.2	114.7	146.4	78.1	61.0
62.5°	7277.6	7043.3	6350.2	3231.2	817.6	251.4	119.6	95.2	126.9	68.3	51.3
65°	6962.7	6789.5	5949.9	2870.0	761.4	253.8	104.9	78.1	80.5	56.1	41.5
67.5°	6501.5	6364.8	5286.1	2477.1	705.3	248.9	92.7	68.3	61.0	48.8	36.6
70°	5705.9	5410.6	4490.5	2011.0	622.3	231.8	78.1	61.0	51.3	39.0	26.8
72.5°	4151.3	4031.7	3221.5	1554.6	558.9	209.9	73.2	51.3	43.9	29.3	22.0
75°	2794.4	2596.7	2032.9	1020.1	449.1	183.0	61.0	46.4	34.2	22.0	17.1
77.5°	1476.5	1396.0	1151.9	485.7	248.9	85.4	34.2	26.8	19.5	17.1	9.8
80°	639.4	568.6	497.9	197.7	87.9	39.0	22.0	14.6	12.2	9.8	4.9
82.5°	327.0	312.4	258.7	85.4	51.3	29.3	12.2	9.8	7.3	4.9	2.4
85°	161.1	166.0	136.7	26.8	29.3	17.1	2.4	2.4	0.0	0.0	0.0
87.5°	12.2	12.2	9.8	4.9	7.3	2.4	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°	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6
2.5°	3028.7	3062.8	3004.3	3040.9	3023.8	3031.1	3038.4	3018.9	3023.8	3092.1	3094.5
5°	2425.9	2491.7	2467.3	2501.5	2560.1	2530.8	2557.6	2552.8	2557.6	2567.4	2611.3
7.5°	1730.3	1710.8	1757.2	1847.5	1952.4	2015.8	1984.1	1967.0	1957.3	1932.9	1962.2
10°	1305.7	1295.9	1283.7	1310.5	1378.9	1449.7	1488.7	1422.8	1386.2	1339.8	1322.7
12.5°	1083.6	1022.6	988.4	946.9	966.4	1029.9	1032.3	968.9	910.3	885.9	912.7
15°	854.2	812.7	751.7	693.1	663.8	712.6	671.1	610.1	534.5	524.7	522.3
17.5°	610.1	585.7	541.8	517.4	483.2	471.0	427.1	334.3	280.7	266.0	270.9
20°	414.9	395.4	392.9	371.0	356.3	346.6	275.8	214.8	197.7	200.1	202.6
22.5°	307.5	297.7	285.5	283.1	270.9	258.7	202.6	180.6	168.4	168.4	175.7
25°	251.4	246.5	234.3	229.4	224.5	207.4	170.8	153.8	148.9	144.0	151.3
27.5°	214.8	212.3	205.0	197.7	192.8	175.7	148.9	134.2	129.3	129.3	129.3
30°	192.8	192.8	183.0	168.4	168.4	148.9	126.9	117.1	112.3	112.3	109.8
32.5°	180.6	175.7	163.5	153.8	146.4	126.9	112.3	102.5	95.2	95.2	97.6
35°	146.4	146.4	144.0	136.7	126.9	107.4	95.2	85.4	80.5	78.1	80.5
37.5°	129.3	122.0	112.3	114.7	109.8	92.7	80.5	73.2	65.9	65.9	65.9
40°	117.1	109.8	100.1	92.7	90.3	83.0	70.8	58.6	51.3	48.8	48.8
42.5°	104.9	100.1	85.4	73.2	70.8	70.8	53.7	43.9	36.6	36.6	36.6
45°	97.6	90.3	78.1	63.5	51.3	53.7	43.9	31.7	26.8	24.4	24.4
47.5°	92.7	85.4	68.3	53.7	39.0	39.0	31.7	22.0	17.1	14.6	14.6
50°	85.4	78.1	61.0	43.9	29.3	24.4	19.5	12.2	7.3	4.9	4.9
52.5°	80.5	73.2	53.7	36.6	24.4	17.1	12.2	2.4	0.0	0.0	0.0
55°	73.2	63.5	46.4	29.3	19.5	9.8	2.4	0.0	0.0	0.0	0.0
57.5°	63.5	56.1	36.6	22.0	12.2	2.4	0.0	0.0	0.0	0.0	0.0
60°	53.7	46.4	29.3	17.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	43.9	39.0	22.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	36.6	29.3	17.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	31.7	24.4	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	24.4	17.1	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	17.1	12.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	12.2	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	7.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.4	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°	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6
2.5°	3104.3	3177.5	3245.9	3265.4	3319.1	3467.9	3467.9	3538.7	3665.6	3712.0	3721.8
5°	2618.7	2696.7	2711.4	2862.7	2933.5	3084.8	3184.8	3424.0	3568.0	3658.3	3714.4
7.5°	1991.4	2018.3	2074.4	2216.0	2355.1	2538.1	2728.5	3033.5	3287.3	3389.8	3580.2
10°	1369.1	1449.7	1571.7	1698.6	1915.8	2118.4	2364.8	2652.8	2965.2	3092.1	3255.6
12.5°	922.5	1034.8	1230.0	1410.6	1610.7	1815.7	2050.0	2435.6	2789.5	2965.2	3128.7
15°	539.3	676.0	844.4	1137.3	1403.3	1632.7	1867.0	2257.5	2687.0	2914.0	3114.1
17.5°	273.3	314.8	453.9	707.7	1059.2	1435.0	1784.0	2281.9	2765.1	3043.3	3209.3
20°	205.0	217.2	256.3	375.8	724.8	1186.1	1705.9	2318.5	2982.3	3321.5	3411.8
22.5°	178.2	187.9	205.0	244.0	407.6	907.9	1596.1	2408.8	3277.6	3597.3	3787.6
25°	151.3	161.1	175.7	200.1	261.1	617.4	1461.9	2503.9	3541.2	3943.8	4122.0
27.5°	131.8	139.1	153.8	173.3	212.3	392.9	1230.0	2630.9	3943.8	4363.6	4410.0
30°	112.3	119.6	131.8	153.8	180.6	278.2	903.0	2647.9	4165.9	4546.6	4676.0
32.5°	97.6	100.1	114.7	134.2	151.3	219.6	634.5	2665.0	4329.4	4783.4	4810.2
35°	80.5	85.4	100.1	112.3	131.8	173.3	480.8	2579.6	4541.8	5027.4	5020.1
37.5°	65.9	73.2	83.0	92.7	107.4	146.4	383.2	2421.0	4807.8	5405.7	5176.3
40°	51.3	58.6	68.3	80.5	90.3	131.8	288.0	2181.8	5086.0	5591.2	5347.1
42.5°	36.6	41.5	51.3	63.5	80.5	109.8	207.4	1898.7	5195.8	5808.4	5552.1
45°	26.8	31.7	39.0	53.7	83.0	87.9	144.0	1640.0	5313.0	5903.6	5505.8
47.5°	14.6	19.5	29.3	46.4	73.2	65.9	102.5	1408.2	5447.2	5989.0	5542.4
50°	4.9	7.3	17.1	48.8	58.6	51.3	80.5	1283.7	5579.0	6006.1	5615.6
52.5°	0.0	0.0	9.8	51.3	43.9	39.0	70.8	1234.9	5544.8	6059.8	5569.2
55°	0.0	0.0	2.4	22.0	24.4	29.3	58.6	1232.5	5786.4	6076.8	5823.0
57.5°	0.0	0.0	0.0	7.3	14.6	24.4	51.3	1154.4	5940.2	6501.5	6164.7
60°	0.0	0.0	0.0	2.4	9.8	17.1	39.0	1086.0	6096.4	6691.8	6530.8
62.5°	0.0	0.0	0.0	0.0	2.4	7.3	26.8	981.1	5781.5	6677.2	6884.6
65°	0.0	0.0	0.0	0.0	0.0	0.0	17.1	776.1	5200.7	6328.2	6689.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	9.8	536.9	4554.0	5888.9	6330.6
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	324.6	3675.4	5164.1	5369.1
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	139.1	2623.5	4100.0	4405.1
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.1	1622.9	2996.9	3372.8
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	1051.9	2269.7	2560.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	561.3	1422.8	1654.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	244.0	863.9	995.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.1	524.7	597.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.5	107.4
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: P599344  
 CATALOG NUMBER: IFLD-S-SA2D-830-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6	3460.6
2.5°	3726.6	3797.4	3824.3	3782.8	3787.6	3702.2	3690.0	3570.4	3521.6	3531.4
5°	3897.5	4000.0	4056.1	4009.7	3904.8	3741.3	3592.4	3450.9	3363.0	3319.1
7.5°	3858.4	3973.1	4043.9	4087.8	3968.2	3704.7	3477.7	3211.7	3099.4	3101.9
10°	3643.7	3882.8	4026.8	3970.7	3914.6	3651.0	3299.6	3011.6	2911.5	2921.3
12.5°	3470.4	3736.4	3821.8	3865.7	3751.0	3541.2	3304.4	2975.0	2862.7	2794.4
15°	3363.0	3560.7	3565.6	3633.9	3587.5	3587.5	3355.7	3033.5	2935.9	2860.3
17.5°	3363.0	3406.9	3402.1	3426.5	3504.6	3597.3	3485.0	3270.3	3077.5	3065.3
20°	3438.7	3302.0	3270.3	3280.0	3345.9	3621.7	3770.6	3502.1	3380.1	3341.0
22.5°	3614.4	3314.2	3121.4	3087.2	3289.8	3619.3	3953.6	3868.2	3655.9	3624.1
25°	3856.0	3292.2	3082.3	3038.4	3192.2	3707.1	4205.0	4222.1	4029.3	3963.4
27.5°	4085.4	3389.8	3077.5	3067.7	3270.3	3687.6	4378.2	4505.2	4288.0	4234.3
30°	4163.5	3487.5	3167.8	3038.4	3299.6	3758.4	4373.4	4705.3	4563.7	4575.9
32.5°	4256.2	3585.1	3177.5	3126.3	3424.0	3873.1	4512.5	5027.4	4924.9	4780.9
35°	4392.9	3716.9	3270.3	3223.9	3511.9	3975.6	4541.8	5264.1	5247.1	5078.7
37.5°	4510.0	3846.2	3463.1	3470.4	3780.3	4141.5	4671.1	5554.6	5525.3	5410.6
40°	4593.0	4026.8	3763.2	3782.8	4014.6	4327.0	4900.5	5701.0	5918.2	5749.8
42.5°	4605.2	4187.9	4107.4	4263.5	4480.8	4615.0	4993.3	5801.1	6113.4	6003.6
45°	4651.6	4444.1	4668.7	4783.4	4961.5	4868.8	4988.4	5971.9	6128.1	6072.0
47.5°	4832.2	4910.3	5193.4	5542.4	5605.8	5300.8	5105.5	5998.7	6211.1	6203.7
50°	5020.1	5410.6	5808.4	6040.2	6120.8	5598.5	5215.3	5976.8	6320.9	6262.3
52.5°	5230.0	5845.0	6418.5	6704.0	6660.1	5928.0	5339.8	6154.9	6523.4	6503.9
55°	5361.8	6040.2	6811.4	7209.2	7175.1	6296.5	5735.2	6411.2	6789.5	6740.6
57.5°	5710.8	6357.5	7201.9	7387.4	7477.7	6779.7	6010.9	6830.9	7011.5	7065.2
60°	5998.7	6564.9	7304.4	7572.9	7604.6	7067.7	6494.2	7262.9	7294.6	7114.0
62.5°	6420.9	6645.5	7087.2	7328.8	7492.3	7231.2	6928.6	7494.8	7289.8	7277.6
65°	6730.9	6381.9	6682.1	6816.3	6921.2	6982.3	7365.4	7653.4	7199.5	6962.7
67.5°	6557.6	5884.0	5827.9	5835.2	5867.0	6235.5	7219.0	7265.4	6696.7	6501.5
70°	5771.8	4827.3	4751.6	4810.2	4651.6	5095.8	6625.9	6604.0	5908.4	5705.9
72.5°	4668.7	3519.2	3389.8	3470.4	3507.0	3978.0	5574.1	5007.9	4309.9	4151.3
75°	3709.6	2579.6	2176.9	2372.2	2496.6	2896.9	4353.8	3402.1	3009.1	2794.4
77.5°	2914.0	1952.4	1693.7	1615.6	1730.3	2106.1	3167.8	1786.4	1576.6	1476.5
80°	1847.5	1435.0	1557.0	1444.8	1493.6	1503.3	1649.8	812.7	646.7	639.4
82.5°	1112.9	981.1	1166.6	641.9	1169.0	1044.5	685.8	368.5	327.0	327.0
85°	788.3	607.7	402.7	261.1	519.8	573.5	266.0	190.4	166.0	161.1
87.5°	395.4	187.9	90.3	58.6	65.9	107.4	31.7	14.6	14.6	12.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)