

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: P599291

Luminaire Tested: **IFLD-S-SA3D-760-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: P599291  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3D-760-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (48) 5700K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

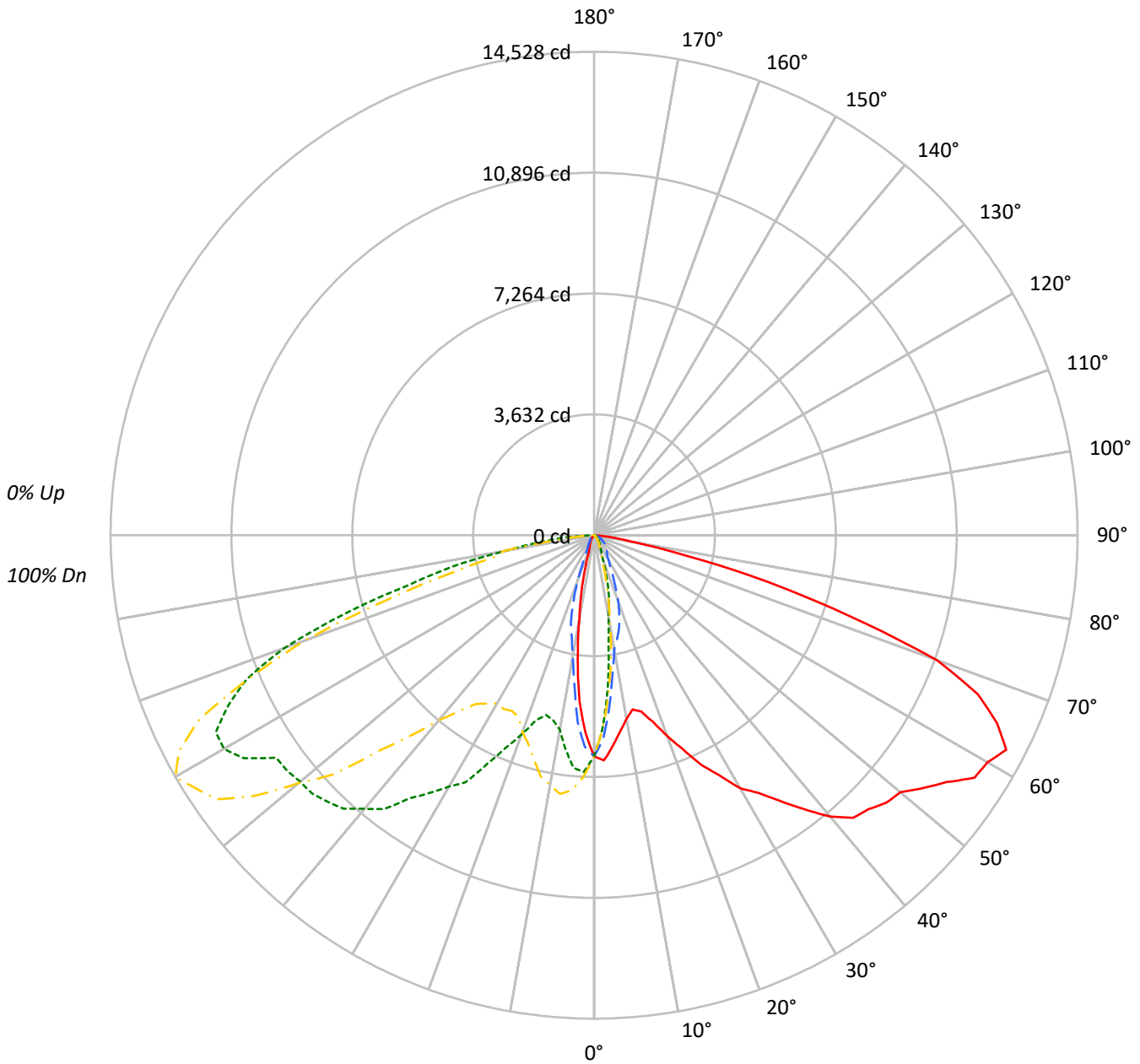
Lumens per Lamp: N/A  
 Luminaire Lumens: 17366.0 lumens  
 Efficiency: N/A  
 Efficacy: 94.3 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 184.1  
 Input Voltage (V): 120  
 Input Current (A<sub>in</sub>): 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°	95282	95282	95282	95282
5°	91733	67046	72173	101109
10°	81673	36503	36981	86449
15°	81530	24348	14886	83060
20°	97894	12156	5935	97321
25°	120406	7636	4597	119812
30°	145480	6130	3492	144550
35°	170703	4921	2707	168981
40°	206659	4210	1754	200958
45°	236429	3802	950	229872
50°	268241	3659	210	257265
55°	323569	3516	0	291704
60°	391746	2956	0	368496
65°	453617	2384	0	412278
70°	459334	1964	0	415719
75°	297264	1298	0	318812
80°	101386	388	0	225599
85°	50883	0	0	165756

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	502.9	2.9
10°-20°	973.8	5.6
20°-30°	1356.3	7.8
30°-40°	1927.1	11.1
40°-50°	2672.4	15.4
50°-60°	3641.3	21.0
60°-70°	4003.3	23.1
70°-80°	1967.6	11.3
80°-90°	321.3	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°	2833.0	16.3
0°-40°	4760.1	27.4
0°-60°	11073.8	63.8
0°-90°	17366.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	17366.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	6639	6639	6639	6639	6639	
5°	6367	4654	5010	7018	6367	583
15°	5487	1639	1002	5590	5487	1624
25°	7604	482	290	7566	7604	3535
35°	9743	281	154	9645	9743	6185
45°	11649	187	47	11326	11649	9030
55°	12932	140	0	11658	12932	11633
65°	13358	70	0	12140	13358	12909
75°	5361	23	0	5749	5361	5844
85°	309	0	0	1007	309	427
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°	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0
2.5°	6774.8	6854.4	6779.4	6517.3	6470.4	6344.0	6152.1	6138.0	5936.7	5960.1	5852.4
5°	6367.4	6447.0	6287.8	5941.4	5618.3	5360.8	5206.3	4930.1	4869.2	4733.4	4733.4
7.5°	5950.7	5946.1	5674.5	5384.2	4902.0	4429.1	4213.7	3815.8	3581.7	3455.3	3333.5
10°	5604.3	5529.4	5360.8	4761.5	4237.2	3745.6	3478.7	3216.5	2973.0	2762.3	2551.7
12.5°	5360.8	5407.6	5140.8	4490.0	3811.1	3469.3	3183.7	2907.5	2617.2	2378.4	2144.3
15°	5487.2	5412.3	5098.6	4429.1	3740.9	3272.7	2893.4	2556.3	2233.3	1919.6	1741.7
17.5°	5880.5	5688.6	5318.7	4429.1	3595.7	2973.0	2514.2	2116.2	1769.8	1488.9	1268.8
20°	6409.6	6189.5	5791.6	4593.0	3488.0	2753.0	2125.6	1624.6	1264.1	1001.9	833.4
22.5°	6952.7	6779.4	6180.2	4658.5	3361.6	2458.0	1676.1	1175.2	842.7	674.2	589.9
25°	7603.5	7360.0	6704.5	4920.7	3174.4	2172.4	1320.3	819.3	627.4	538.4	486.9
27.5°	8123.2	8081.0	7196.1	5079.9	3033.9	1938.3	1044.1	650.8	519.7	454.1	421.4
30°	8778.6	8549.2	7795.4	5398.3	2874.7	1671.5	870.8	585.2	477.6	407.3	383.9
32.5°	9171.9	9064.2	8109.1	5576.2	2696.8	1451.4	749.1	515.0	435.4	383.9	360.5
35°	9743.1	9527.7	8558.6	5688.6	2603.2	1325.0	674.2	468.2	365.2	313.7	285.6
37.5°	10379.9	10300.3	9097.0	5683.9	2467.4	1250.1	622.7	435.4	346.5	290.3	257.5
40°	11030.6	10707.6	9424.7	5815.0	2397.2	1193.9	585.2	416.7	327.7	276.2	234.1
42.5°	11517.6	11147.7	9804.0	5768.1	2312.9	1095.6	571.2	388.6	313.7	252.8	215.4
45°	11648.7	11517.6	10145.8	5754.1	2252.0	1016.0	547.8	383.9	304.3	238.8	201.3
47.5°	11901.5	11812.5	10567.1	5777.5	2205.2	955.1	491.6	393.3	290.3	224.7	192.0
50°	12013.9	11854.7	10908.9	5833.7	2097.5	880.2	440.1	412.0	285.6	220.1	182.6
52.5°	12477.4	12336.9	11377.1	5992.9	2008.6	781.9	388.6	393.3	295.0	206.0	173.2
55°	12931.5	12772.3	12098.1	6358.1	1882.1	702.3	332.4	346.5	280.9	187.3	154.5
57.5°	13554.2	13292.0	12580.4	6507.9	1769.8	594.6	295.0	285.6	262.2	168.5	135.8
60°	13647.9	13755.5	12510.1	6414.3	1652.7	524.4	257.5	220.1	280.9	149.8	117.0
62.5°	13961.5	13512.1	12182.4	6198.9	1568.4	482.2	229.4	182.6	243.5	131.1	98.3
65°	13357.6	13025.2	11414.6	5506.0	1460.8	486.9	201.3	149.8	154.5	107.7	79.6
67.5°	12472.7	12210.5	10141.1	4752.2	1353.1	477.6	177.9	131.1	117.0	93.6	70.2
70°	10946.4	10379.9	8614.8	3857.9	1193.9	444.8	149.8	117.0	98.3	74.9	51.5
72.5°	7964.0	7734.6	6180.2	2982.4	1072.2	402.6	140.5	98.3	84.3	56.2	42.1
75°	5360.8	4981.6	3900.1	1957.1	861.5	351.1	117.0	89.0	65.5	42.1	32.8
77.5°	2832.6	2678.1	2209.9	931.7	477.6	163.9	65.5	51.5	37.5	32.8	18.7
80°	1226.7	1090.9	955.1	379.2	168.5	74.9	42.1	28.1	23.4	18.7	9.4
82.5°	627.4	599.3	496.3	163.9	98.3	56.2	23.4	18.7	14.0	9.4	4.7
85°	309.0	318.4	262.2	51.5	56.2	32.8	4.7	4.7	0.0	0.0	0.0
87.5°	23.4	23.4	18.7	9.4	14.0	4.7	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°	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0
2.5°	5810.3	5875.8	5763.5	5833.7	5800.9	5815.0	5829.0	5791.6	5800.9	5932.0	5936.7
5°	4653.8	4780.3	4733.4	4799.0	4911.4	4855.2	4906.7	4897.3	4906.7	4925.4	5009.7
7.5°	3319.5	3282.0	3371.0	3544.2	3745.6	3867.3	3806.4	3773.6	3754.9	3708.1	3764.3
10°	2504.8	2486.1	2462.7	2514.2	2645.3	2781.1	2856.0	2729.6	2659.3	2570.4	2537.6
12.5°	2078.8	1961.7	1896.2	1816.6	1854.0	1975.8	1980.5	1858.7	1746.4	1699.5	1751.0
15°	1638.7	1559.1	1442.0	1329.7	1273.5	1367.1	1287.5	1170.5	1025.3	1006.6	1001.9
17.5°	1170.5	1123.7	1039.4	992.6	927.0	903.6	819.3	641.4	538.4	510.3	519.7
20°	795.9	758.5	753.8	711.7	683.6	664.8	529.1	412.0	379.2	383.9	388.6
22.5°	589.9	571.2	547.8	543.1	519.7	496.3	388.6	346.5	323.1	323.1	337.1
25°	482.2	472.9	449.5	440.1	430.7	398.0	327.7	295.0	285.6	276.2	290.3
27.5°	412.0	407.3	393.3	379.2	369.9	337.1	285.6	257.5	248.1	248.1	248.1
30°	369.9	369.9	351.1	323.1	323.1	285.6	243.5	224.7	215.4	215.4	210.7
32.5°	346.5	337.1	313.7	295.0	280.9	243.5	215.4	196.6	182.6	182.6	187.3
35°	280.9	280.9	276.2	262.2	243.5	206.0	182.6	163.9	154.5	149.8	154.5
37.5°	248.1	234.1	215.4	220.1	210.7	177.9	154.5	140.5	126.4	126.4	126.4
40°	224.7	210.7	192.0	177.9	173.2	159.2	135.8	112.4	98.3	93.6	93.6
42.5°	201.3	192.0	163.9	140.5	135.8	135.8	103.0	84.3	70.2	70.2	70.2
45°	187.3	173.2	149.8	121.7	98.3	103.0	84.3	60.9	51.5	46.8	46.8
47.5°	177.9	163.9	131.1	103.0	74.9	74.9	60.9	42.1	32.8	28.1	28.1
50°	163.9	149.8	117.0	84.3	56.2	46.8	37.5	23.4	14.0	9.4	9.4
52.5°	154.5	140.5	103.0	70.2	46.8	32.8	23.4	4.7	0.0	0.0	0.0
55°	140.5	121.7	89.0	56.2	37.5	18.7	4.7	0.0	0.0	0.0	0.0
57.5°	121.7	107.7	70.2	42.1	23.4	4.7	0.0	0.0	0.0	0.0	0.0
60°	103.0	89.0	56.2	32.8	9.4	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	84.3	74.9	42.1	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	70.2	56.2	32.8	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	60.9	46.8	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	46.8	32.8	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	32.8	23.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	23.4	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	14.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.7	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°	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0
2.5°	5955.4	6095.9	6227.0	6264.4	6367.4	6653.0	6653.0	6788.8	7032.3	7121.2	7140.0
5°	5023.7	5173.5	5201.6	5491.9	5627.7	5918.0	6109.9	6568.8	6845.0	7018.2	7125.9
7.5°	3820.5	3872.0	3979.6	4251.2	4518.1	4869.2	5234.4	5819.6	6306.6	6503.2	6868.4
10°	2626.6	2781.1	3015.2	3258.6	3675.3	4063.9	4536.8	5089.3	5688.6	5932.0	6245.7
12.5°	1769.8	1985.1	2359.7	2706.2	3090.1	3483.4	3932.8	4672.6	5351.5	5688.6	6002.2
15°	1034.7	1296.9	1620.0	2181.8	2692.1	3132.2	3581.7	4330.8	5154.8	5590.2	5974.2
17.5°	524.4	604.0	870.8	1357.8	2032.0	2753.0	3422.5	4377.6	5304.6	5838.4	6156.7
20°	393.3	416.7	491.6	721.0	1390.5	2275.4	3272.7	4447.8	5721.3	6372.1	6545.4
22.5°	341.8	360.5	393.3	468.2	781.9	1741.7	3062.0	4621.1	6287.8	6901.2	7266.4
25°	290.3	309.0	337.1	383.9	501.0	1184.5	2804.5	4803.7	6793.5	7566.0	7907.8
27.5°	252.8	266.9	295.0	332.4	407.3	753.8	2359.7	5047.1	7566.0	8371.3	8460.3
30°	215.4	229.4	252.8	295.0	346.5	533.7	1732.3	5079.9	7992.1	8722.5	8970.6
32.5°	187.3	192.0	220.1	257.5	290.3	421.4	1217.3	5112.7	8305.8	9176.6	9228.1
35°	154.5	163.9	192.0	215.4	252.8	332.4	922.3	4948.8	8713.1	9644.8	9630.7
37.5°	126.4	140.5	159.2	177.9	206.0	280.9	735.1	4644.5	9223.4	10370.5	9930.4
40°	98.3	112.4	131.1	154.5	173.2	252.8	552.5	4185.7	9757.2	10726.3	10258.1
42.5°	70.2	79.6	98.3	121.7	154.5	210.7	398.0	3642.5	9967.8	11143.0	10651.4
45°	51.5	60.9	74.9	103.0	159.2	168.5	276.2	3146.3	10192.6	11325.6	10562.5
47.5°	28.1	37.5	56.2	89.0	140.5	126.4	196.6	2701.5	10450.1	11489.5	10632.7
50°	9.4	14.0	32.8	93.6	112.4	98.3	154.5	2462.7	10702.9	11522.3	10773.1
52.5°	0.0	0.0	18.7	98.3	84.3	74.9	135.8	2369.1	10637.4	11625.3	10684.2
55°	0.0	0.0	4.7	42.1	46.8	56.2	112.4	2364.4	11100.9	11658.0	11171.1
57.5°	0.0	0.0	0.0	14.0	28.1	46.8	98.3	2214.6	11395.8	12472.7	11826.6
60°	0.0	0.0	0.0	4.7	18.7	32.8	74.9	2083.5	11695.5	12837.9	12528.9
62.5°	0.0	0.0	0.0	0.0	4.7	14.0	51.5	1882.1	11091.5	12809.8	13207.7
65°	0.0	0.0	0.0	0.0	0.0	0.0	32.8	1488.9	9977.2	12140.3	12833.2
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	18.7	1030.0	8736.5	11297.5	12144.9
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	622.7	7051.0	9907.0	10300.3
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	266.9	5033.1	7865.7	8450.9
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	107.7	3113.5	5749.4	6470.4
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.1	2017.9	4354.2	4911.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	1076.8	2729.6	3174.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	468.2	1657.4	1910.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	149.8	1006.6	1147.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	154.5	206.0
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: P599291  
 CATALOG NUMBER: IFLD-S-SA3D-760-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0	6639.0
2.5°	7149.3	7285.1	7336.6	7257.0	7266.4	7102.5	7079.1	6849.7	6756.0	6774.8
5°	7477.1	7673.7	7781.4	7692.4	7491.1	7177.4	6891.8	6620.3	6451.7	6367.4
7.5°	7402.1	7622.2	7758.0	7842.2	7612.8	7107.2	6671.8	6161.4	5946.1	5950.7
10°	6990.1	7449.0	7725.2	7617.5	7509.8	7004.2	6330.0	5777.5	5585.6	5604.3
12.5°	6657.7	7168.0	7331.9	7416.2	7196.1	6793.5	6339.3	5707.3	5491.9	5360.8
15°	6451.7	6830.9	6840.3	6971.4	6882.4	6882.4	6437.7	5819.6	5632.4	5487.2
17.5°	6451.7	6536.0	6526.6	6573.4	6723.3	6901.2	6685.8	6273.8	5903.9	5880.5
20°	6596.9	6334.7	6273.8	6292.5	6418.9	6948.0	7233.6	6718.6	6484.5	6409.6
22.5°	6934.0	6358.1	5988.2	5922.7	6311.3	6943.3	7584.7	7420.9	7013.5	6952.7
25°	7397.5	6315.9	5913.3	5829.0	6124.0	7111.9	8067.0	8099.8	7729.9	7603.5
27.5°	7837.6	6503.2	5903.9	5885.2	6273.8	7074.4	8399.4	8642.9	8226.2	8123.2
30°	7987.4	6690.5	6077.2	5829.0	6330.0	7210.2	8390.0	9026.8	8755.2	8778.6
32.5°	8165.3	6877.8	6095.9	5997.6	6568.8	7430.2	8656.9	9644.8	9448.2	9171.9
35°	8427.5	7130.6	6273.8	6184.8	6737.3	7626.9	8713.1	10098.9	10066.2	9743.1
37.5°	8652.2	7378.7	6643.7	6657.7	7252.3	7945.2	8961.2	10656.1	10599.9	10379.9
40°	8811.4	7725.2	7219.5	7257.0	7701.8	8301.1	9401.3	10937.0	11353.7	11030.6
42.5°	8834.8	8034.2	7879.7	8179.3	8596.0	8853.5	9579.2	11129.0	11728.3	11517.6
45°	8923.8	8525.8	8956.5	9176.6	9518.4	9340.5	9569.9	11456.7	11756.3	11648.7
47.5°	9270.2	9420.1	9963.2	10632.7	10754.4	10169.2	9794.6	11508.2	11915.5	11901.5
50°	9630.7	10379.9	11143.0	11587.8	11742.3	10740.4	10005.3	11466.1	12126.2	12013.9
52.5°	10033.4	11213.2	12313.5	12861.3	12777.0	11372.4	10244.1	11807.8	12514.8	12477.4
55°	10286.2	11587.8	13067.3	13830.4	13764.9	12079.4	11002.6	12299.5	13025.2	12931.5
57.5°	10955.7	12196.4	13816.4	14172.2	14345.5	13006.4	11531.6	13104.7	13451.2	13554.2
60°	11508.2	12594.4	14013.0	14528.1	14588.9	13558.9	12458.6	13933.4	13994.3	13647.9
62.5°	12318.2	12748.9	13596.3	14059.9	14373.6	13872.6	13292.0	14378.2	13985.0	13961.5
65°	12912.8	12243.3	12819.1	13076.7	13278.0	13395.0	14130.1	14682.6	13811.7	13357.6
67.5°	12580.4	11288.2	11180.5	11194.5	11255.4	11962.4	13849.2	13938.1	12847.2	12472.7
70°	11072.8	9260.9	9115.7	9228.1	8923.8	9775.9	12711.5	12669.3	11335.0	10946.4
72.5°	8956.5	6751.4	6503.2	6657.7	6727.9	7631.6	10693.5	9607.3	8268.3	7964.0
75°	7116.5	4948.8	4176.3	4550.8	4789.6	5557.5	8352.6	6526.6	5772.8	5360.8
77.5°	5590.2	3745.6	3249.3	3099.4	3319.5	4040.5	6077.2	3427.2	3024.5	2832.6
80°	3544.2	2753.0	2987.1	2771.7	2865.3	2884.1	3165.0	1559.1	1240.7	1226.7
82.5°	2135.0	1882.1	2238.0	1231.3	2242.6	2003.9	1315.6	707.0	627.4	627.4
85°	1512.3	1165.8	772.5	501.0	997.3	1100.3	510.3	365.2	318.4	309.0
87.5°	758.5	360.5	173.2	112.4	126.4	206.0	60.9	28.1	28.1	23.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)