

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: P599551

Luminaire Tested: **IFLD-S-SA3C-760-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: P599551  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3C-760-U-SLL-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield  
 Light Source: (48) 5700K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

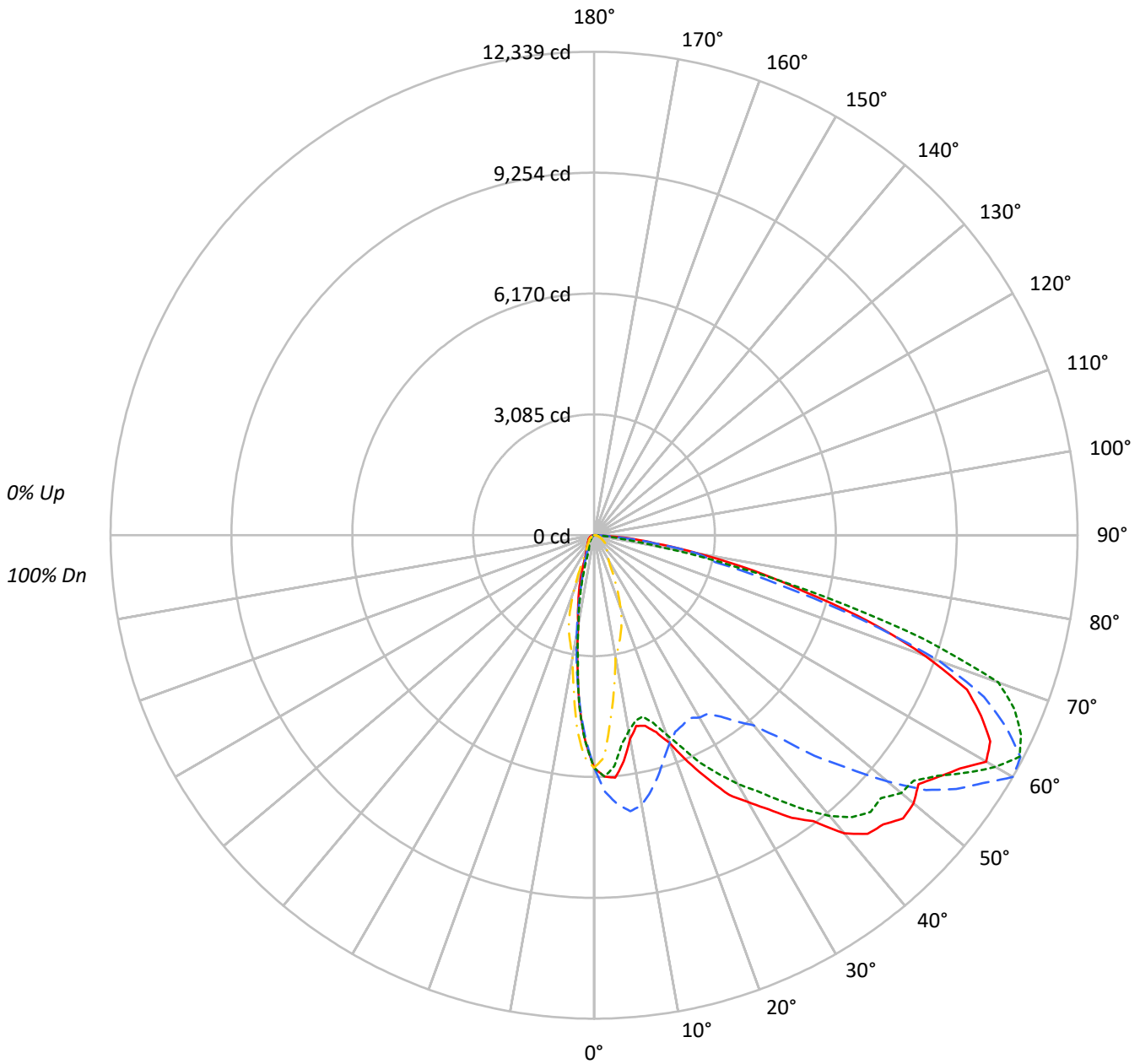
Lumens per Lamp: N/A  
 Luminaire Lumens: 15781.0 lumens  
 Efficiency: N/A  
 Efficacy: 98.1 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 160.8  
 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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	79	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61	61	61	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	48	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39	39	39	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	32	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27	27	27	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	23	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20	20	20	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16	16	16	16

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

	0°	90°	180°	270°
0°	85157	85157	85157	85157
5°	89490	85180	62230	62594
10°	76951	74005	34023	33226
15°	74824	71131	22103	16656
20°	86246	82642	11843	5921
25°	108442	101435	7674	4605
30°	130247	121378	6216	3772
35°	154239	144713	5095	3028
40°	186092	175195	4500	2289
45°	211866	202627	4191	1541
50°	237677	228456	4140	940
55°	268781	267833	4114	423
60°	331678	339540	3749	121
65°	370083	408152	3433	0
70°	377365	460656	3185	0
75°	307057	339773	3039	0
80°	223260	142107	3132	0
85°	144333	59676	4166	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	450.8	2.9
10°-20°	883.9	5.6
20°-30°	1223.2	7.8
30°-40°	1728.7	11.0
40°-50°	2353.7	14.9
50°-60°	3117.3	19.8
60°-70°	3619.4	22.9
70°-80°	2049.7	13.0
80°-90°	354.2	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°	2557.9	16.2
0°-40°	4286.7	27.2
0°-60°	9757.7	61.8
0°-90°	15781.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15781.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5934	5934	5934	5934	5934	
5°	6212	5912	4320	4345	6212	558
15°	5036	4787	1488	1121	5036	1477
25°	6848	6406	485	291	6848	3194
35°	8803	8260	291	173	8803	5550
45°	10438	9983	206	76	10438	8093
55°	10742	10704	164	17	10742	9732
65°	10898	12019	101	0	10898	10623
75°	5537	6127	55	0	5537	6043
85°	876	362	25	0	876	1053
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°	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5
2.5°	6165.3	6296.0	6300.2	6359.2	6418.2	6418.2	6557.2	6523.5	6401.3	6380.2	6291.7
5°	6211.7	6258.0	6291.7	6590.9	6843.8	6818.5	6894.4	6843.8	6607.8	6304.4	6097.9
7.5°	5811.3	5861.9	5996.7	6506.7	6848.0	6961.8	7105.1	6789.0	6540.4	5992.5	5596.4
10°	5280.3	5377.3	5625.9	6207.5	6628.9	6991.3	6991.3	6738.4	6258.0	5722.8	5238.2
12.5°	4985.3	5179.2	5314.1	5904.0	6451.9	6700.5	6692.1	6557.2	6245.4	5571.1	5023.3
15°	5035.9	5090.7	5377.3	5836.6	6199.0	6186.4	6338.1	6296.0	6076.8	5706.0	5103.3
17.5°	5267.7	5352.0	5600.6	5836.6	6009.4	5958.8	5954.6	6156.9	6169.5	5933.5	5402.5
20°	5647.0	5895.6	6013.6	6085.2	5874.5	5659.6	5634.3	5916.7	6135.8	6224.3	5760.8
22.5°	6253.8	6418.2	6658.4	6291.7	5743.9	5474.2	5423.6	5735.5	6178.0	6569.9	6224.3
25°	6848.0	6974.4	7206.2	6734.2	5891.4	5436.3	5347.8	5617.5	6338.1	7050.3	6784.8
27.5°	7475.9	7585.5	7610.8	7058.7	5971.5	5360.4	5255.1	5617.5	6472.9	7303.1	7454.8
30°	7859.4	7990.0	8015.3	7345.3	6102.1	5423.6	5373.0	5642.8	6565.7	7518.1	7935.3
32.5°	8289.2	8323.0	8301.9	7395.8	6245.4	5609.0	5398.3	5811.3	6671.0	7775.1	8373.5
35°	8803.4	8862.4	8647.4	7627.6	6565.7	5727.0	5651.2	6017.8	6852.2	7893.1	8904.5
37.5°	9195.3	9380.7	8896.1	7716.1	6628.9	5975.7	5988.3	6447.7	6978.6	8036.4	9490.3
40°	9932.8	9620.9	9317.5	8019.5	6869.1	6397.1	6329.7	6890.1	7404.3	8129.1	9873.8
42.5°	10337.3	10173.0	9481.9	8049.0	7239.9	6978.6	6995.5	7391.6	7627.6	8390.4	9979.1
45°	10438.5	10265.7	9705.2	8070.1	7606.6	7665.6	7956.3	8032.2	7956.3	8563.2	10177.2
47.5°	10695.5	10320.5	9679.9	8352.5	8200.7	8428.3	8799.2	8963.5	8403.0	8500.0	10269.9
50°	10645.0	10430.0	9625.1	8470.5	8925.6	9528.2	9776.8	9709.4	8900.3	8369.3	10168.8
52.5°	10434.3	10202.5	9793.7	8790.7	9604.1	10333.1	10678.7	10510.1	9342.8	8664.3	10101.3
55°	10741.9	10564.9	10012.8	9224.8	10114.0	11041.1	11285.5	11159.1	9886.4	8938.2	10484.8
57.5°	11074.8	11036.9	10607.0	9734.7	10716.6	11770.1	11770.1	11614.2	10358.4	9334.4	11053.7
60°	11555.2	11639.5	11045.3	10071.8	10923.1	11728.0	12339.1	12157.8	10834.6	10029.7	11698.5
62.5°	11399.3	11669.0	11610.0	10796.7	11159.1	11934.5	12267.4	12402.3	11424.6	10876.7	12558.2
65°	10897.8	11184.4	11605.8	11272.9	10982.1	11433.0	11601.6	12010.3	11719.6	11673.2	12912.2
67.5°	10299.4	10611.2	10872.5	11593.1	10623.9	10923.1	10775.6	10906.2	11399.3	12545.5	13114.5
70°	8993.0	9292.2	9705.2	10881.0	9675.7	9406.0	9368.1	9304.9	10071.8	12233.7	12195.8
72.5°	7395.8	7534.9	8217.6	8845.5	7159.9	7109.3	7168.3	7096.6	7985.8	11074.8	10446.9
75°	5537.4	5676.5	6064.2	6793.2	4875.8	4585.0	4922.1	5255.1	6097.9	8596.9	7505.4
77.5°	4163.6	4340.6	4585.0	5082.3	3577.8	3122.7	3169.0	3485.1	4408.0	6885.9	4205.7
80°	2701.3	2680.2	3152.2	3497.8	2692.8	2777.1	2659.1	2890.9	3194.3	3683.2	2149.2
82.5°	1559.2	1580.3	1778.4	2005.9	1875.3	2145.0	1546.6	2583.3	2279.9	1500.2	800.7
85°	876.5	914.5	1095.7	1390.7	1175.7	788.0	644.8	1281.1	1432.8	615.3	387.7
87.5°	88.5	75.9	147.5	526.8	320.3	130.6	193.9	307.6	345.6	231.8	113.8
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°	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5
2.5°	6165.3	6165.3	6060.0	5883.0	5811.3	5684.9	5512.1	5566.9	5507.9	5293.0	5238.2
5°	5912.5	5710.2	5491.0	5221.3	5065.4	4745.1	4644.0	4462.8	4492.3	4311.1	4319.5
7.5°	5385.7	5225.6	4854.7	4500.7	4193.1	3915.0	3523.0	3375.5	3232.3	3160.6	3244.9
10°	5078.1	4778.9	4273.2	3809.6	3400.8	3152.2	2890.9	2688.6	2503.2	2364.1	2334.6
12.5°	4854.7	4589.2	3978.2	3413.5	3093.2	2890.9	2650.7	2372.6	2191.4	1951.2	1879.5
15°	4787.3	4462.8	3818.0	3257.5	2945.7	2612.8	2338.9	2064.9	1828.9	1576.1	1487.6
17.5°	5019.1	4644.0	3813.8	3131.1	2692.8	2334.6	1955.4	1647.7	1407.5	1175.7	1121.0
20°	5411.0	4837.9	3936.0	3055.3	2452.6	1972.2	1542.4	1234.7	965.0	813.3	775.4
22.5°	5857.7	5166.6	3948.7	2853.0	2212.4	1609.8	1125.2	813.3	661.6	590.0	568.9
25°	6405.5	5693.3	4100.4	2688.6	1930.1	1222.1	800.7	623.7	535.2	493.1	484.6
27.5°	6856.4	6060.0	4264.7	2515.9	1651.9	906.0	627.9	509.9	463.6	421.4	417.2
30°	7324.2	6481.4	4311.1	2410.5	1411.7	745.9	539.4	450.9	400.3	379.3	375.1
32.5°	7733.0	6940.7	4458.6	2237.7	1184.2	657.4	488.8	404.6	370.8	337.1	332.9
35°	8259.7	7206.2	4530.2	2145.0	1099.9	594.2	446.7	370.8	320.3	299.2	290.8
37.5°	8824.4	7463.3	4576.6	2073.4	1028.3	556.3	421.4	349.8	303.4	273.9	265.5
40°	9351.2	7825.7	4509.1	1984.9	973.5	509.9	404.6	324.5	282.3	252.8	240.2
42.5°	9755.8	8179.7	4488.1	1900.6	914.5	493.1	383.5	311.8	265.5	231.8	227.6
45°	9983.3	8419.9	4340.6	1833.2	868.1	501.5	375.1	295.0	252.8	223.4	206.5
47.5°	9928.6	8605.3	4378.5	1812.1	804.9	467.8	370.8	282.3	231.8	206.5	193.9
50°	10232.0	8980.4	4315.3	1744.7	758.5	421.4	404.6	282.3	227.6	198.1	185.4
52.5°	10282.5	9321.7	4450.1	1622.5	686.9	387.7	400.3	278.1	219.1	189.6	172.8
55°	10704.0	9717.8	4711.4	1555.0	627.9	337.1	366.6	269.7	198.1	172.8	164.4
57.5°	11277.1	10539.6	4880.0	1491.8	547.8	295.0	307.6	265.5	181.2	160.1	147.5
60°	11829.1	10868.3	4892.6	1378.0	472.0	265.5	240.2	265.5	168.6	143.3	130.6
62.5°	12242.1	10868.3	4808.4	1281.1	413.0	236.0	210.7	252.8	151.7	126.4	118.0
65°	12018.8	10577.5	4589.2	1201.0	375.1	206.5	181.2	193.9	134.9	109.6	101.1
67.5°	11618.4	9671.5	4104.6	1104.1	370.8	181.2	155.9	143.3	118.0	96.9	88.5
70°	10977.9	8449.4	3417.7	994.5	362.4	164.4	139.1	122.2	105.4	84.3	75.9
72.5°	8845.5	6978.6	2806.6	931.3	354.0	143.3	118.0	105.4	88.5	71.6	63.2
75°	6127.4	4458.6	2161.9	796.5	345.6	130.6	109.6	92.7	75.9	59.0	54.8
77.5°	3674.7	2979.4	1394.9	598.4	227.6	105.4	92.7	71.6	63.2	50.6	46.4
80°	1719.4	1407.5	564.7	231.8	109.6	75.9	63.2	54.8	50.6	42.1	37.9
82.5°	674.3	594.2	273.9	134.9	88.5	59.0	50.6	46.4	42.1	33.7	29.5
85°	362.4	320.3	130.6	92.7	63.2	42.1	42.1	37.9	33.7	29.5	25.3
87.5°	80.1	59.0	54.8	54.8	46.4	33.7	33.7	29.5	25.3	21.1	16.9
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°	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5
2.5°	5208.7	5271.9	5170.8	5234.0	5145.5	5212.9	5221.3	5158.1	5175.0	5259.3	5297.2
5°	4437.5	4395.4	4302.7	4273.2	4277.4	4222.6	4243.7	4273.2	4319.5	4344.8	4420.7
7.5°	3198.5	3295.5	3291.3	3362.9	3367.1	3358.7	3299.7	3173.3	3215.4	3181.7	3223.8
10°	2288.3	2330.4	2410.5	2456.9	2541.1	2494.8	2359.9	2309.4	2284.1	2279.9	2322.0
12.5°	1828.9	1727.8	1719.4	1736.2	1778.4	1723.6	1656.2	1597.2	1626.7	1685.7	1732.0
15°	1416.0	1331.7	1222.1	1205.2	1213.7	1188.4	1116.8	1040.9	1062.0	1121.0	1154.7
17.5°	1087.3	990.3	914.5	863.9	847.0	758.5	653.2	590.0	573.1	568.9	598.4
20°	733.3	716.4	703.8	640.6	640.6	514.1	425.6	379.3	379.3	387.7	391.9
22.5°	547.8	526.8	531.0	518.3	484.6	383.5	337.1	324.5	324.5	332.9	332.9
25°	476.2	446.7	438.3	434.1	400.3	328.7	295.0	282.3	282.3	290.8	290.8
27.5°	404.6	396.1	383.5	366.6	337.1	282.3	261.3	248.6	252.8	257.1	252.8
30°	370.8	349.8	332.9	332.9	299.2	252.8	236.0	227.6	219.1	227.6	231.8
32.5°	328.7	316.1	307.6	295.0	257.1	223.4	206.5	198.1	193.9	193.9	198.1
35°	282.3	282.3	273.9	257.1	223.4	202.3	181.2	172.8	168.6	172.8	172.8
37.5°	252.8	240.2	244.4	227.6	198.1	177.0	155.9	147.5	147.5	143.3	147.5
40°	236.0	214.9	202.3	193.9	177.0	151.7	134.9	126.4	122.2	122.2	122.2
42.5°	210.7	193.9	168.6	164.4	160.1	130.6	109.6	105.4	101.1	96.9	96.9
45°	198.1	172.8	151.7	130.6	130.6	109.6	92.7	84.3	80.1	75.9	80.1
47.5°	181.2	155.9	130.6	109.6	105.4	88.5	71.6	63.2	59.0	59.0	59.0
50°	172.8	139.1	113.8	92.7	80.1	71.6	54.8	46.4	42.1	42.1	42.1
52.5°	160.1	130.6	101.1	80.1	63.2	54.8	42.1	33.7	29.5	29.5	29.5
55°	143.3	118.0	88.5	67.4	54.8	42.1	29.5	21.1	16.9	16.9	16.9
57.5°	134.9	105.4	75.9	59.0	42.1	29.5	16.9	12.6	12.6	8.4	12.6
60°	122.2	92.7	63.2	46.4	33.7	21.1	12.6	4.2	4.2	4.2	4.2
62.5°	105.4	80.1	54.8	37.9	25.3	12.6	4.2	0.0	0.0	0.0	0.0
65°	88.5	63.2	42.1	29.5	16.9	4.2	0.0	0.0	0.0	0.0	0.0
67.5°	75.9	54.8	33.7	21.1	12.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	67.4	46.4	25.3	16.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	54.8	37.9	21.1	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	46.4	29.5	12.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	37.9	21.1	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	29.5	16.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	25.3	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	16.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.6	4.2	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: P599551  
 CATALOG NUMBER: IFLD-S-SA3C-760-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5
2.5°	5352.0	5326.7	5453.1	5659.6	5765.0	5971.5	6022.0	6152.7	6119.0	6165.3
5°	4429.1	4479.6	4665.1	4968.5	5078.1	5377.3	5659.6	5942.0	6123.2	6211.7
7.5°	3287.0	3455.6	3683.2	3961.3	4243.7	4635.6	5116.0	5444.7	5621.7	5811.3
10°	2448.4	2629.6	2890.9	3164.8	3624.2	4062.4	4542.9	4951.6	5103.3	5280.3
12.5°	1925.9	2208.2	2511.6	2806.6	3080.5	3497.8	4091.9	4686.1	4850.5	4985.3
15°	1340.1	1685.7	2119.7	2503.2	2886.7	3249.1	3864.4	4585.0	4808.4	5035.9
17.5°	741.7	1015.6	1512.9	2052.3	2617.0	3173.3	3940.2	4770.4	5107.6	5267.7
20°	429.8	539.4	893.4	1534.0	2279.9	3008.9	3978.2	5120.2	5566.9	5647.0
22.5°	354.0	391.9	505.7	960.8	1866.9	2903.6	4172.0	5609.0	6064.2	6253.8
25°	303.4	332.9	391.9	577.3	1411.7	2680.2	4294.2	6220.1	6641.5	6848.0
27.5°	269.7	299.2	345.6	425.6	960.8	2372.6	4496.5	6772.1	7193.6	7475.9
30°	236.0	261.3	307.6	362.4	665.8	2027.0	4669.3	7176.7	7770.9	7859.4
32.5°	210.7	231.8	265.5	311.8	493.1	1538.2	4808.4	7593.9	8095.4	8289.2
35°	181.2	206.5	227.6	265.5	375.1	1158.9	4724.1	7918.4	8571.6	8803.4
37.5°	160.1	177.0	198.1	223.4	316.1	906.0	4551.3	8306.1	8980.4	9195.3
40°	134.9	147.5	172.8	198.1	286.6	699.6	4353.2	8773.9	9553.5	9932.8
42.5°	113.8	126.4	143.3	185.4	236.0	518.3	3952.9	9136.3	10017.1	10337.3
45°	88.5	105.4	130.6	185.4	189.6	383.5	3539.9	9406.0	10278.3	10438.5
47.5°	67.4	84.3	126.4	160.1	151.7	265.5	3051.0	9713.6	10548.0	10695.5
50°	50.6	67.4	143.3	139.1	126.4	202.3	2743.4	9928.6	10564.9	10645.0
52.5°	33.7	50.6	118.0	105.4	105.4	177.0	2659.1	9920.1	10607.0	10434.3
55°	25.3	37.9	67.4	75.9	92.7	155.9	2583.3	10236.2	10619.7	10741.9
57.5°	16.9	29.5	46.4	59.0	80.1	134.9	2427.4	10615.5	11011.6	11074.8
60°	8.4	21.1	33.7	46.4	67.4	118.0	2208.2	10893.6	11487.8	11555.2
62.5°	4.2	12.6	25.3	37.9	54.8	92.7	1980.7	10451.1	11281.3	11399.3
65°	0.0	8.4	16.9	25.3	33.7	67.4	1609.8	9435.5	10463.8	10897.8
67.5°	0.0	0.0	8.4	16.9	21.1	50.6	1213.7	8584.2	9709.4	10299.4
70°	0.0	0.0	4.2	4.2	12.6	37.9	775.4	7109.3	8668.5	8993.0
72.5°	0.0	0.0	0.0	0.0	4.2	25.3	450.9	5280.3	6793.2	7395.8
75°	0.0	0.0	0.0	0.0	0.0	21.1	227.6	3396.6	4728.3	5537.4
77.5°	0.0	0.0	0.0	0.0	0.0	16.9	122.2	2191.4	3485.1	4163.6
80°	0.0	0.0	0.0	0.0	0.0	4.2	71.6	1272.7	2229.3	2701.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	29.5	623.7	1331.7	1559.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	8.4	332.9	665.8	876.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	46.4	88.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)