

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: P599406

Luminaire Tested: **IFLD-S-SA3C-727-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: P599406  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3C-727-U-SLL-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield  
 Light Source: (48) 2700K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

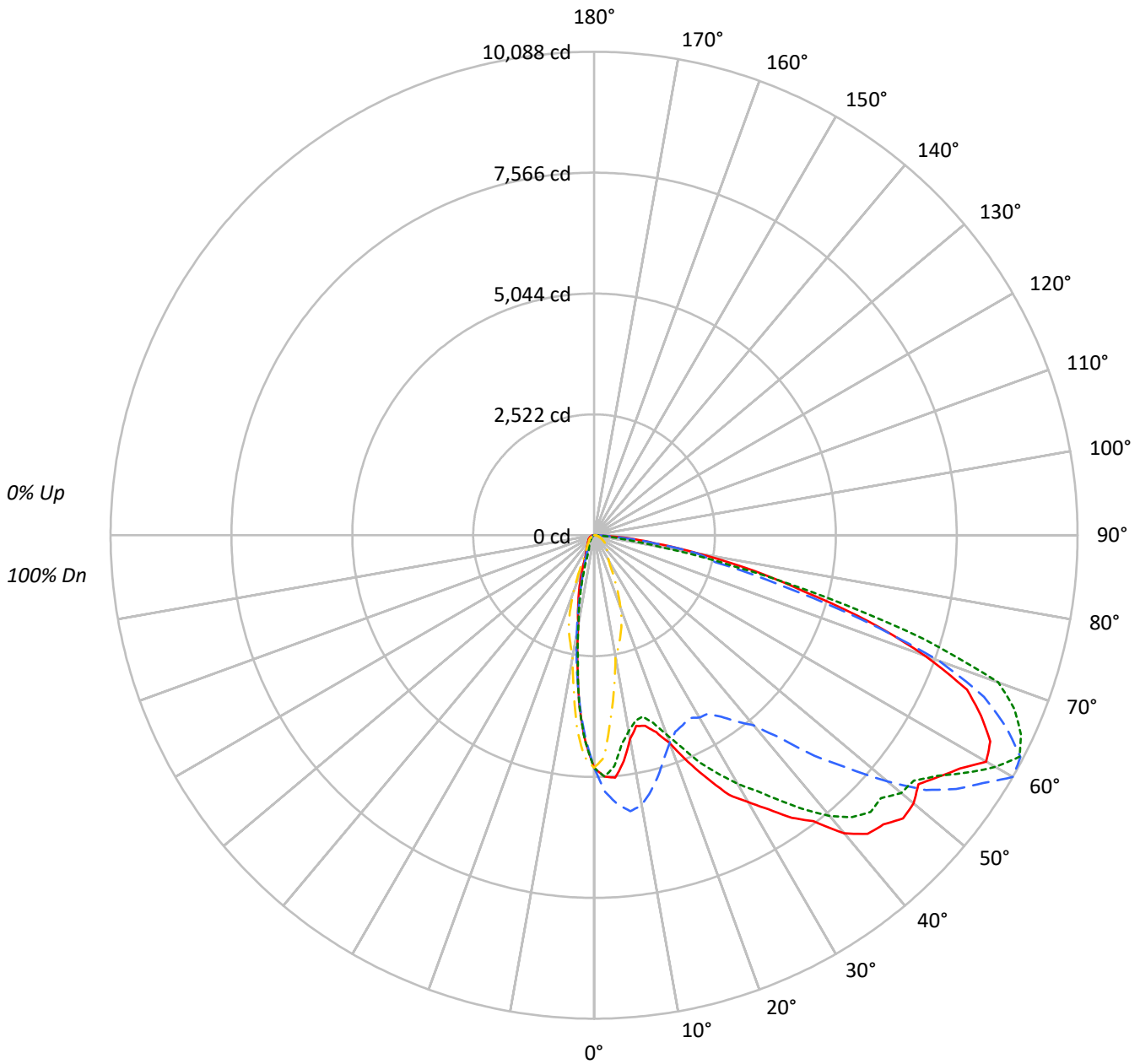
Lumens per Lamp: N/A  
 Luminaire Lumens: 12902.2 lumens  
 Efficiency: N/A  
 Efficacy: 80.2 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

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

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

	0°	90°	180°	270°
0°	69622	69622	69622	69622
5°	73164	69641	50877	51176
10°	62914	60504	27817	27165
15°	61176	58155	18071	13618
20°	70512	67566	9683	4842
25°	88660	82931	6274	3764
30°	106488	99236	5081	3084
35°	126101	118315	4165	2476
40°	152144	143235	3680	1872
45°	173218	165665	3426	1258
50°	194319	186779	3385	770
55°	219749	218973	3363	345
60°	271173	277600	3066	98
65°	302572	333696	2808	0
70°	308526	376623	2602	0
75°	251045	277789	2484	0
80°	182531	116180	2562	0
85°	118002	48792	3409	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	368.5	2.9
10°-20°	722.7	5.6
20°-30°	1000.1	7.8
30°-40°	1413.4	11.0
40°-50°	1924.3	14.9
50°-60°	2548.7	19.8
60°-70°	2959.2	22.9
70°-80°	1675.8	13.0
80°-90°	289.6	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°	2091.3	16.2
0°-40°	3504.7	27.2
0°-60°	7977.6	61.8
0°-90°	12902.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12902.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4851	4851	4851	4851	4851	
5°	5078	4834	3532	3552	5078	456
15°	4117	3914	1216	916	4117	1208
25°	5599	5237	396	238	5599	2611
35°	7197	6753	238	141	7197	4537
45°	8534	8162	169	62	8534	6617
55°	8782	8751	134	14	8782	7957
65°	8910	9826	83	0	8910	8685
75°	4527	5010	45	0	4527	4941
85°	717	296	21	0	717	861
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°	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1
2.5°	5040.6	5147.4	5150.9	5199.1	5247.3	5247.3	5361.0	5333.5	5233.6	5216.3	5144.0
5°	5078.5	5116.4	5144.0	5388.6	5595.3	5574.7	5636.7	5595.3	5402.4	5154.3	4985.5
7.5°	4751.2	4792.6	4902.8	5319.7	5598.8	5691.8	5808.9	5550.5	5347.3	4899.4	4575.5
10°	4317.1	4396.3	4599.6	5075.1	5419.6	5715.9	5715.9	5509.2	5116.4	4678.9	4282.6
12.5°	4075.9	4234.4	4344.6	4827.0	5274.9	5478.2	5471.3	5361.0	5106.1	4554.8	4106.9
15°	4117.3	4162.0	4396.3	4771.9	5068.2	5057.8	5181.9	5147.4	4968.3	4665.1	4172.4
17.5°	4306.7	4375.7	4578.9	4771.9	4913.1	4871.8	4868.3	5033.7	5044.1	4851.1	4417.0
20°	4616.8	4820.1	4916.6	4975.2	4802.9	4627.2	4606.5	4837.3	5016.5	5088.9	4709.9
22.5°	5113.0	5247.3	5443.7	5144.0	4696.1	4475.6	4434.2	4689.2	5051.0	5371.4	5088.9
25°	5598.8	5702.1	5891.6	5505.7	4816.7	4444.6	4372.2	4592.7	5181.9	5764.2	5547.1
27.5°	6112.1	6201.7	6222.4	5771.0	4882.1	4382.5	4296.4	4592.7	5292.1	5970.9	6094.9
30°	6425.7	6532.5	6553.2	6005.3	4988.9	4434.2	4392.9	4613.4	5367.9	6146.6	6487.7
32.5°	6777.1	6804.7	6787.4	6046.7	5106.1	4585.8	4413.6	4751.2	5454.1	6356.8	6846.0
35°	7197.4	7245.7	7070.0	6236.2	5367.9	4682.3	4620.3	4920.0	5602.2	6453.2	7280.1
37.5°	7517.9	7669.5	7273.2	6308.5	5419.6	4885.6	4895.9	5271.5	5705.6	6570.4	7759.0
40°	8120.8	7865.8	7617.8	6556.6	5616.0	5230.1	5175.0	5633.2	6053.6	6646.2	8072.6
42.5°	8451.6	8317.2	7752.1	6580.7	5919.2	5705.6	5719.4	6043.2	6236.2	6859.8	8158.7
45°	8534.3	8393.0	7934.8	6597.9	6218.9	6267.2	6504.9	6566.9	6504.9	7001.1	8320.6
47.5°	8744.4	8437.8	7914.1	6828.8	6704.7	6890.8	7194.0	7328.4	6870.1	6949.4	8396.4
50°	8703.1	8527.4	7869.3	6925.3	7297.4	7790.0	7993.3	7938.2	7276.7	6842.6	8313.7
52.5°	8530.8	8341.3	8007.1	7187.1	7852.1	8448.1	8730.6	8592.8	7638.5	7083.7	8258.6
55°	8782.3	8637.6	8186.3	7542.0	8269.0	9026.9	9226.8	9123.4	8082.9	7307.7	8572.2
57.5°	9054.5	9023.5	8672.1	7958.9	8761.7	9623.0	9623.0	9495.5	8468.8	7631.6	9037.3
60°	9447.3	9516.2	9030.4	8234.5	8930.5	9588.5	10088.1	9940.0	8858.1	8200.1	9564.4
62.5°	9319.8	9540.3	9492.1	8827.1	9123.4	9757.4	10029.6	10139.8	9340.5	8892.6	10267.3
65°	8909.8	9144.1	9488.6	9216.4	8978.7	9347.4	9485.2	9819.4	9581.7	9543.8	10556.7
67.5°	8420.6	8675.5	8889.1	9478.3	8685.9	8930.5	8809.9	8916.7	9319.8	10257.0	10722.1
70°	7352.5	7597.1	7934.8	8896.0	7910.6	7690.1	7659.1	7607.4	8234.5	10002.0	9971.0
72.5°	6046.7	6160.4	6718.5	7231.9	5853.7	5812.4	5860.6	5802.1	6529.0	9054.5	8541.1
75°	4527.3	4641.0	4957.9	5554.0	3986.3	3748.6	4024.2	4296.4	4985.5	7028.6	6136.3
77.5°	3404.1	3548.8	3748.6	4155.2	2925.1	2553.0	2590.9	2849.3	3603.9	5629.8	3438.5
80°	2208.5	2191.3	2577.2	2859.7	2201.6	2270.5	2174.0	2363.5	2611.6	3011.3	1757.2
82.5°	1274.8	1292.0	1454.0	1640.0	1533.2	1753.7	1264.5	2112.0	1864.0	1226.6	654.6
85°	716.6	747.7	895.8	1137.0	961.3	644.3	527.1	1047.4	1171.4	503.0	317.0
87.5°	72.4	62.0	120.6	430.7	261.9	106.8	158.5	251.5	282.5	189.5	93.0
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°	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1
2.5°	5040.6	5040.6	4954.5	4809.8	4751.2	4647.8	4506.6	4551.4	4503.1	4327.4	4282.6
5°	4833.9	4668.5	4489.4	4268.9	4141.4	3879.5	3796.8	3648.7	3672.8	3524.6	3531.5
7.5°	4403.2	4272.3	3969.1	3679.7	3428.2	3200.8	2880.4	2759.8	2642.6	2584.0	2653.0
10°	4151.7	3907.1	3493.6	3114.6	2780.4	2577.2	2363.5	2198.2	2046.6	1932.9	1908.8
12.5°	3969.1	3752.0	3252.5	2790.8	2528.9	2363.5	2167.2	1939.8	1791.6	1595.2	1536.6
15°	3914.0	3648.7	3121.5	2663.3	2408.3	2136.1	1912.2	1688.2	1495.3	1288.6	1216.2
17.5°	4103.5	3796.8	3118.1	2559.9	2201.6	1908.8	1598.7	1347.2	1150.8	961.3	916.5
20°	4423.9	3955.3	3218.0	2497.9	2005.2	1612.4	1261.0	1009.5	789.0	665.0	634.0
22.5°	4789.1	4224.1	3228.3	2332.5	1808.8	1316.1	919.9	665.0	540.9	482.4	465.1
25°	5237.0	4654.7	3352.4	2198.2	1578.0	999.2	654.6	509.9	437.6	403.1	396.2
27.5°	5605.7	4954.5	3486.7	2056.9	1350.6	740.8	513.4	416.9	379.0	344.5	341.1
30°	5988.1	5299.0	3524.6	1970.8	1154.2	609.8	441.0	368.7	327.3	310.1	306.6
32.5°	6322.3	5674.6	3645.2	1829.5	968.2	537.5	399.7	330.8	303.2	275.6	272.2
35°	6753.0	5891.6	3703.8	1753.7	899.2	485.8	365.2	303.2	261.9	244.6	237.7
37.5°	7214.7	6101.8	3741.7	1695.1	840.7	454.8	344.5	286.0	248.1	224.0	217.1
40°	7645.3	6398.1	3686.6	1622.8	795.9	416.9	330.8	265.3	230.8	206.7	196.4
42.5°	7976.1	6687.5	3669.4	1553.9	747.7	403.1	313.5	255.0	217.1	189.5	186.1
45°	8162.2	6883.9	3548.8	1498.7	709.8	410.0	306.6	241.2	206.7	182.6	168.8
47.5°	8117.4	7035.5	3579.8	1481.5	658.1	382.4	303.2	230.8	189.5	168.8	158.5
50°	8365.4	7342.1	3528.1	1426.4	620.2	344.5	330.8	230.8	186.1	161.9	151.6
52.5°	8406.8	7621.2	3638.3	1326.5	561.6	317.0	327.3	227.4	179.2	155.0	141.3
55°	8751.3	7945.1	3852.0	1271.4	513.4	275.6	299.7	220.5	161.9	141.3	134.4
57.5°	9219.9	8616.9	3989.8	1219.7	447.9	241.2	251.5	217.1	148.2	130.9	120.6
60°	9671.2	8885.7	4000.1	1126.6	385.9	217.1	196.4	217.1	137.8	117.1	106.8
62.5°	10008.9	8885.7	3931.2	1047.4	337.6	192.9	172.3	206.7	124.0	103.4	96.5
65°	9826.3	8648.0	3752.0	981.9	306.6	168.8	148.2	158.5	110.3	89.6	82.7
67.5°	9499.0	7907.2	3355.8	902.7	303.2	148.2	127.5	117.1	96.5	79.2	72.4
70°	8975.3	6908.0	2794.2	813.1	296.3	134.4	113.7	99.9	86.1	68.9	62.0
72.5°	7231.9	5705.6	2294.6	761.4	289.4	117.1	96.5	86.1	72.4	58.6	51.7
75°	5009.6	3645.2	1767.5	651.2	282.5	106.8	89.6	75.8	62.0	48.2	44.8
77.5°	3004.4	2435.9	1140.4	489.2	186.1	86.1	75.8	58.6	51.7	41.3	37.9
80°	1405.7	1150.8	461.7	189.5	89.6	62.0	51.7	44.8	41.3	34.5	31.0
82.5°	551.3	485.8	224.0	110.3	72.4	48.2	41.3	37.9	34.5	27.6	24.1
85°	296.3	261.9	106.8	75.8	51.7	34.5	34.5	31.0	27.6	24.1	20.7
87.5°	65.5	48.2	44.8	44.8	37.9	27.6	27.6	24.1	20.7	17.2	13.8
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1
2.5°	4258.5	4310.2	4227.5	4279.2	4206.8	4262.0	4268.9	4217.2	4231.0	4299.9	4330.9
5°	3628.0	3593.6	3517.8	3493.6	3497.1	3452.3	3469.5	3493.6	3531.5	3552.2	3614.2
7.5°	2615.1	2694.3	2690.9	2749.4	2752.9	2746.0	2697.7	2594.4	2628.8	2601.3	2635.7
10°	1870.9	1905.3	1970.8	2008.7	2077.6	2039.7	1929.4	1888.1	1867.4	1864.0	1898.4
12.5°	1495.3	1412.6	1405.7	1419.5	1454.0	1409.2	1354.0	1305.8	1329.9	1378.2	1416.1
15°	1157.7	1088.7	999.2	985.4	992.3	971.6	913.0	851.0	868.2	916.5	944.0
17.5°	888.9	809.7	747.7	706.3	692.5	620.2	534.0	482.4	468.6	465.1	489.2
20°	599.5	585.7	575.4	523.7	523.7	420.3	348.0	310.1	310.1	317.0	320.4
22.5°	447.9	430.7	434.1	423.8	396.2	313.5	275.6	265.3	265.3	272.2	272.2
25°	389.3	365.2	358.3	354.9	327.3	268.7	241.2	230.8	230.8	237.7	237.7
27.5°	330.8	323.9	313.5	299.7	275.6	230.8	213.6	203.3	206.7	210.2	206.7
30°	303.2	286.0	272.2	272.2	244.6	206.7	192.9	186.1	179.2	186.1	189.5
32.5°	268.7	258.4	251.5	241.2	210.2	182.6	168.8	161.9	158.5	158.5	161.9
35°	230.8	230.8	224.0	210.2	182.6	165.4	148.2	141.3	137.8	141.3	141.3
37.5°	206.7	196.4	199.8	186.1	161.9	144.7	127.5	120.6	120.6	117.1	120.6
40°	192.9	175.7	165.4	158.5	144.7	124.0	110.3	103.4	99.9	99.9	99.9
42.5°	172.3	158.5	137.8	134.4	130.9	106.8	89.6	86.1	82.7	79.2	79.2
45°	161.9	141.3	124.0	106.8	106.8	89.6	75.8	68.9	65.5	62.0	65.5
47.5°	148.2	127.5	106.8	89.6	86.1	72.4	58.6	51.7	48.2	48.2	48.2
50°	141.3	113.7	93.0	75.8	65.5	58.6	44.8	37.9	34.5	34.5	34.5
52.5°	130.9	106.8	82.7	65.5	51.7	44.8	34.5	27.6	24.1	24.1	24.1
55°	117.1	96.5	72.4	55.1	44.8	34.5	24.1	17.2	13.8	13.8	13.8
57.5°	110.3	86.1	62.0	48.2	34.5	24.1	13.8	10.3	10.3	6.9	10.3
60°	99.9	75.8	51.7	37.9	27.6	17.2	10.3	3.4	3.4	3.4	3.4
62.5°	86.1	65.5	44.8	31.0	20.7	10.3	3.4	0.0	0.0	0.0	0.0
65°	72.4	51.7	34.5	24.1	13.8	3.4	0.0	0.0	0.0	0.0	0.0
67.5°	62.0	44.8	27.6	17.2	10.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	55.1	37.9	20.7	13.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	44.8	31.0	17.2	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	37.9	24.1	10.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	31.0	17.2	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	24.1	13.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	20.7	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	13.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.3	3.4	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: P599406  
 CATALOG NUMBER: IFLD-S-SA3C-727-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1	4851.1
2.5°	4375.7	4355.0	4458.3	4627.2	4713.3	4882.1	4923.5	5030.3	5002.7	5040.6
5°	3621.1	3662.5	3814.1	4062.1	4151.7	4396.3	4627.2	4858.0	5006.2	5078.5
7.5°	2687.4	2825.2	3011.3	3238.7	3469.5	3789.9	4182.7	4451.5	4596.2	4751.2
10°	2001.8	2149.9	2363.5	2587.5	2963.0	3321.4	3714.1	4048.3	4172.4	4317.1
12.5°	1574.5	1805.4	2053.5	2294.6	2518.6	2859.7	3345.5	3831.3	3965.7	4075.9
15°	1095.6	1378.2	1733.0	2046.6	2360.1	2656.4	3159.4	3748.6	3931.2	4117.3
17.5°	606.4	830.3	1236.9	1677.9	2139.6	2594.4	3221.4	3900.2	4175.8	4306.7
20°	351.4	441.0	730.4	1254.1	1864.0	2460.0	3252.5	4186.2	4551.4	4616.8
22.5°	289.4	320.4	413.4	785.6	1526.3	2373.9	3410.9	4585.8	4957.9	5113.0
25°	248.1	272.2	320.4	472.0	1154.2	2191.3	3510.9	5085.4	5429.9	5598.8
27.5°	220.5	244.6	282.5	348.0	785.6	1939.8	3676.2	5536.8	5881.3	6112.1
30°	192.9	213.6	251.5	296.3	544.4	1657.2	3817.5	5867.5	6353.3	6425.7
32.5°	172.3	189.5	217.1	255.0	403.1	1257.6	3931.2	6208.6	6618.6	6777.1
35°	148.2	168.8	186.1	217.1	306.6	947.5	3862.3	6473.9	7007.9	7197.4
37.5°	130.9	144.7	161.9	182.6	258.4	740.8	3721.0	6790.9	7342.1	7517.9
40°	110.3	120.6	141.3	161.9	234.3	571.9	3559.1	7173.3	7810.7	8120.8
42.5°	93.0	103.4	117.1	151.6	192.9	423.8	3231.8	7469.6	8189.7	8451.6
45°	72.4	86.1	106.8	151.6	155.0	313.5	2894.1	7690.1	8403.3	8534.3
47.5°	55.1	68.9	103.4	130.9	124.0	217.1	2494.5	7941.6	8623.8	8744.4
50°	41.3	55.1	117.1	113.7	103.4	165.4	2243.0	8117.4	8637.6	8703.1
52.5°	27.6	41.3	96.5	86.1	86.1	144.7	2174.0	8110.5	8672.1	8530.8
55°	20.7	31.0	55.1	62.0	75.8	127.5	2112.0	8368.9	8682.4	8782.3
57.5°	13.8	24.1	37.9	48.2	65.5	110.3	1984.6	8679.0	9002.8	9054.5
60°	6.9	17.2	27.6	37.9	55.1	96.5	1805.4	8906.4	9392.2	9447.3
62.5°	3.4	10.3	20.7	31.0	44.8	75.8	1619.3	8544.6	9223.3	9319.8
65°	0.0	6.9	13.8	20.7	27.6	55.1	1316.1	7714.2	8554.9	8909.8
67.5°	0.0	0.0	6.9	13.8	17.2	41.3	992.3	7018.3	7938.2	8420.6
70°	0.0	0.0	3.4	3.4	10.3	31.0	634.0	5812.4	7087.2	7352.5
72.5°	0.0	0.0	0.0	0.0	3.4	20.7	368.7	4317.1	5554.0	6046.7
75°	0.0	0.0	0.0	0.0	0.0	17.2	186.1	2777.0	3865.7	4527.3
77.5°	0.0	0.0	0.0	0.0	0.0	13.8	99.9	1791.6	2849.3	3404.1
80°	0.0	0.0	0.0	0.0	0.0	3.4	58.6	1040.5	1822.6	2208.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	24.1	509.9	1088.7	1274.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	6.9	272.2	544.4	716.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	37.9	72.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)