

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: P599149

Luminaire Tested: **IFLD-S-SA6B-727-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: P599149  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6B-727-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (96) 2700K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

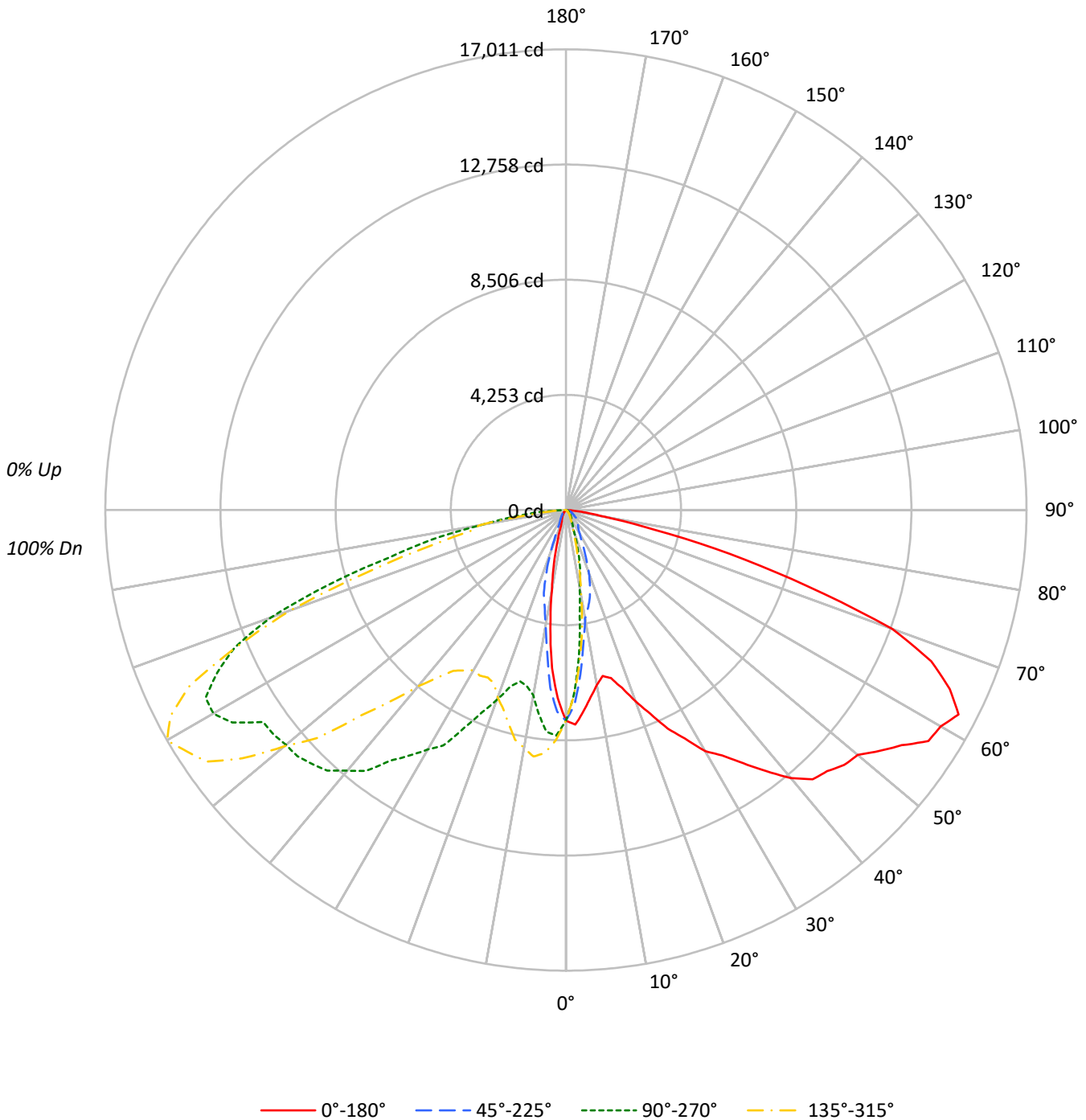
Lumens per Lamp: N/A  
 Luminaire Lumens: 20334.0 lumens  
 Efficiency: N/A  
 Efficacy: 83.0 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 244.9  
 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



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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°	55784	55784	55784	55784
5°	53706	39253	42254	59195
10°	47816	21371	21651	50612
15°	47733	14254	8716	48629
20°	57313	7117	3475	56977
25°	70492	4471	2691	70144
30°	85172	3589	2044	84627
35°	99939	2881	1585	98931
40°	120990	2465	1027	117652
45°	138419	2226	556	134580
50°	157043	2142	123	150616
55°	189436	2058	0	170780
60°	229349	1731	0	215738
65°	265571	1396	0	241370
70°	268918	1150	0	243384
75°	174037	760	0	186652
80°	59355	227	0	132078
85°	29789	0	0	97048

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	588.9	2.9
10°-20°	1140.2	5.6
20°-30°	1588.1	7.8
30°-40°	2256.5	11.1
40°-50°	3129.1	15.4
50°-60°	4263.6	21.0
60°-70°	4687.5	23.1
70°-80°	2303.9	11.3
80°-90°	376.2	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°	3317.2	16.3
0°-40°	5573.7	27.4
0°-60°	12966.4	63.8
0°-90°	20334.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	20334.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	7774	7774	7774	7774	7774	
5°	7456	5449	5866	8218	7456	682
15°	6425	1919	1173	6546	6425	1902
25°	8903	565	340	8859	8903	4139
35°	11408	329	181	11293	11408	7242
45°	13640	219	55	13261	13640	10573
55°	15142	164	0	13650	15142	13621
65°	15640	82	0	14215	15640	15115
75°	6277	27	0	6732	6277	6843
85°	362	0	0	1179	362	500
90°	0	0	0	0	0	

TEST NUMBER: P599149  
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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7
2.5°	7932.7	8025.9	7938.1	7631.1	7576.3	7428.3	7203.5	7187.1	6951.4	6978.8	6852.7
5°	7455.7	7548.9	7362.5	6956.8	6578.6	6277.1	6096.1	5772.7	5701.4	5542.4	5542.4
7.5°	6967.8	6962.3	6644.4	6304.5	5739.8	5186.1	4933.9	4467.9	4193.8	4045.8	3903.3
10°	6562.1	6474.4	6277.1	5575.3	4961.3	4385.7	4073.2	3766.2	3481.2	3234.5	2987.8
12.5°	6277.1	6331.9	6019.4	5257.4	4462.5	4062.3	3727.9	3404.4	3064.5	2784.9	2510.8
15°	6425.1	6337.4	5970.1	5186.1	4380.2	3832.0	3388.0	2993.2	2615.0	2247.7	2039.4
17.5°	6885.6	6660.8	6227.7	5186.1	4210.3	3481.2	2943.9	2477.9	2072.2	1743.3	1485.7
20°	7505.1	7247.4	6781.4	5378.0	4084.2	3223.5	2488.9	1902.3	1480.2	1173.2	975.8
22.5°	8141.0	7938.1	7236.4	5454.7	3936.2	2878.1	1962.6	1376.0	986.8	789.4	690.7
25°	8903.0	8617.9	7850.4	5761.7	3716.9	2543.7	1546.0	959.4	734.6	630.4	570.1
27.5°	9511.5	9462.2	8426.1	5948.1	3552.4	2269.6	1222.5	762.0	608.5	531.8	493.4
30°	10279.0	10010.4	9127.8	6320.9	3366.0	1957.1	1019.7	685.3	559.2	476.9	449.5
32.5°	10739.5	10613.4	9495.1	6529.2	3157.7	1699.5	877.1	603.0	509.8	449.5	422.1
35°	11408.3	11156.2	10021.4	6660.8	3048.1	1551.4	789.4	548.2	427.6	367.3	334.4
37.5°	12153.9	12060.7	10651.8	6655.3	2889.1	1463.7	729.1	509.8	405.7	339.9	301.5
40°	12915.9	12537.7	11035.5	6808.8	2806.9	1397.9	685.3	487.9	383.7	323.4	274.1
42.5°	13486.1	13053.0	11479.6	6754.0	2708.2	1282.8	668.8	455.0	367.3	296.0	252.2
45°	13639.6	13486.1	11879.8	6737.6	2636.9	1189.6	641.4	449.5	356.3	279.6	235.7
47.5°	13935.6	13831.4	12373.2	6765.0	2582.1	1118.4	575.6	460.5	339.9	263.1	224.8
50°	14067.2	13880.8	12773.4	6830.7	2456.0	1030.6	515.3	482.4	334.4	257.7	213.8
52.5°	14609.9	14445.4	13321.6	7017.1	2351.8	915.5	455.0	460.5	345.4	241.2	202.8
55°	15141.7	14955.3	14165.9	7444.7	2203.8	822.3	389.2	405.7	328.9	219.3	180.9
57.5°	15870.8	15563.8	14730.5	7620.2	2072.2	696.2	345.4	334.4	307.0	197.4	159.0
60°	15980.4	16106.5	14648.3	7510.5	1935.2	614.0	301.5	257.7	328.9	175.4	137.1
62.5°	16347.7	15821.5	14264.5	7258.4	1836.5	564.7	268.6	213.8	285.1	153.5	115.1
65°	15640.5	15251.3	13365.5	6447.0	1710.4	570.1	235.7	175.4	180.9	126.1	93.2
67.5°	14604.4	14297.4	11874.3	5564.4	1584.3	559.2	208.3	153.5	137.1	109.6	82.2
70°	12817.2	12153.9	10087.1	4517.3	1397.9	520.8	175.4	137.1	115.1	87.7	60.3
72.5°	9325.1	9056.5	7236.4	3492.1	1255.4	471.5	164.5	115.1	98.7	65.8	49.3
75°	6277.1	5833.0	4566.6	2291.5	1008.7	411.2	137.1	104.2	76.7	49.3	38.4
77.5°	3316.7	3135.8	2587.6	1090.9	559.2	191.9	76.7	60.3	43.9	38.4	21.9
80°	1436.3	1277.3	1118.4	444.1	197.4	87.7	49.3	32.9	27.4	21.9	11.0
82.5°	734.6	701.7	581.1	191.9	115.1	65.8	27.4	21.9	16.4	11.0	5.5
85°	361.8	372.8	307.0	60.3	65.8	38.4	5.5	5.5	0.0	0.0	0.0
87.5°	27.4	27.4	21.9	11.0	16.4	5.5	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°	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7
2.5°	6803.3	6880.1	6748.5	6830.7	6792.4	6808.8	6825.3	6781.4	6792.4	6945.9	6951.4
5°	5449.2	5597.3	5542.4	5619.2	5750.8	5685.0	5745.3	5734.3	5745.3	5767.2	5865.9
7.5°	3886.8	3843.0	3947.1	4150.0	4385.7	4528.2	4457.0	4418.6	4396.7	4341.9	4407.6
10°	2932.9	2911.0	2883.6	2943.9	3097.4	3256.4	3344.1	3196.1	3113.9	3009.7	2971.3
12.5°	2434.1	2297.0	2220.3	2127.1	2170.9	2313.5	2318.9	2176.4	2044.8	1990.0	2050.3
15°	1918.7	1825.6	1688.5	1556.9	1491.1	1600.8	1507.6	1370.5	1200.6	1178.7	1173.2
17.5°	1370.5	1315.7	1217.0	1162.2	1085.5	1058.1	959.4	751.1	630.4	597.6	608.5
20°	932.0	888.1	882.6	833.3	800.4	778.5	619.5	482.4	444.1	449.5	455.0
22.5°	690.7	668.8	641.4	635.9	608.5	581.1	455.0	405.7	378.3	378.3	394.7
25°	564.7	553.7	526.3	515.3	504.4	466.0	383.7	345.4	334.4	323.4	339.9
27.5°	482.4	476.9	460.5	444.1	433.1	394.7	334.4	301.5	290.6	290.6	290.6
30°	433.1	433.1	411.2	378.3	378.3	334.4	285.1	263.1	252.2	252.2	246.7
32.5°	405.7	394.7	367.3	345.4	328.9	285.1	252.2	230.2	213.8	213.8	219.3
35°	328.9	328.9	323.4	307.0	285.1	241.2	213.8	191.9	180.9	175.4	180.9
37.5°	290.6	274.1	252.2	257.7	246.7	208.3	180.9	164.5	148.0	148.0	148.0
40°	263.1	246.7	224.8	208.3	202.8	186.4	159.0	131.6	115.1	109.6	109.6
42.5°	235.7	224.8	191.9	164.5	159.0	159.0	120.6	98.7	82.2	82.2	82.2
45°	219.3	202.8	175.4	142.5	115.1	120.6	98.7	71.3	60.3	54.8	54.8
47.5°	208.3	191.9	153.5	120.6	87.7	87.7	71.3	49.3	38.4	32.9	32.9
50°	191.9	175.4	137.1	98.7	65.8	54.8	43.9	27.4	16.4	11.0	11.0
52.5°	180.9	164.5	120.6	82.2	54.8	38.4	27.4	5.5	0.0	0.0	0.0
55°	164.5	142.5	104.2	65.8	43.9	21.9	5.5	0.0	0.0	0.0	0.0
57.5°	142.5	126.1	82.2	49.3	27.4	5.5	0.0	0.0	0.0	0.0	0.0
60°	120.6	104.2	65.8	38.4	11.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	98.7	87.7	49.3	21.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	82.2	65.8	38.4	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	71.3	54.8	27.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	54.8	38.4	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	38.4	27.4	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	27.4	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	16.4	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.5	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°	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7
2.5°	6973.3	7137.7	7291.2	7335.1	7455.7	7790.1	7790.1	7949.1	8234.2	8338.3	8360.3
5°	5882.3	6057.8	6090.7	6430.6	6589.5	6929.4	7154.2	7691.4	8014.9	8217.7	8343.8
7.5°	4473.4	4533.7	4659.8	4977.8	5290.3	5701.4	6129.0	6814.3	7384.4	7614.7	8042.3
10°	3075.5	3256.4	3530.5	3815.6	4303.5	4758.5	5312.2	5959.1	6660.8	6945.9	7313.2
12.5°	2072.2	2324.4	2763.0	3168.7	3618.2	4078.7	4605.0	5471.2	6266.1	6660.8	7028.1
15°	1211.6	1518.6	1896.8	2554.7	3152.2	3667.6	4193.8	5071.0	6035.8	6545.7	6995.2
17.5°	614.0	707.2	1019.7	1589.8	2379.2	3223.5	4007.4	5125.8	6211.3	6836.2	7209.0
20°	460.5	487.9	575.6	844.2	1628.2	2664.3	3832.0	5208.0	6699.2	7461.2	7664.0
22.5°	400.2	422.1	460.5	548.2	915.5	2039.4	3585.3	5410.9	7362.5	8080.7	8508.3
25°	339.9	361.8	394.7	449.5	586.6	1387.0	3283.8	5624.7	7954.6	8859.1	9259.3
27.5°	296.0	312.5	345.4	389.2	476.9	882.6	2763.0	5909.7	8859.1	9802.1	9906.2
30°	252.2	268.6	296.0	345.4	405.7	625.0	2028.4	5948.1	9358.0	10213.2	10503.8
32.5°	219.3	224.8	257.7	301.5	339.9	493.4	1425.4	5986.5	9725.3	10745.0	10805.3
35°	180.9	191.9	224.8	252.2	296.0	389.2	1080.0	5794.6	10202.3	11293.2	11276.8
37.5°	148.0	164.5	186.4	208.3	241.2	328.9	860.7	5438.3	10799.8	12142.9	11627.6
40°	115.1	131.6	153.5	180.9	202.8	296.0	646.9	4901.0	11424.8	12559.6	12011.4
42.5°	82.2	93.2	115.1	142.5	180.9	246.7	466.0	4265.1	11671.5	13047.5	12471.9
45°	60.3	71.3	87.7	120.6	186.4	197.4	323.4	3684.0	11934.6	13261.3	12367.7
47.5°	32.9	43.9	65.8	104.2	164.5	148.0	230.2	3163.2	12236.1	13453.2	12449.9
50°	11.0	16.4	38.4	109.6	131.6	115.1	180.9	2883.6	12532.2	13491.5	12614.4
52.5°	0.0	0.0	21.9	115.1	98.7	87.7	159.0	2774.0	12455.4	13612.2	12510.2
55°	0.0	0.0	5.5	49.3	54.8	65.8	131.6	2768.5	12998.2	13650.5	13080.4
57.5°	0.0	0.0	0.0	16.4	32.9	54.8	115.1	2593.1	13343.5	14604.4	13847.9
60°	0.0	0.0	0.0	5.5	21.9	38.4	87.7	2439.6	13694.4	15032.0	14670.2
62.5°	0.0	0.0	0.0	0.0	5.5	16.4	60.3	2203.8	12987.2	14999.1	15465.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	38.4	1743.3	11682.4	14215.2	15026.5
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	21.9	1206.1	10229.7	13228.4	14220.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	729.1	8256.1	11600.2	12060.7
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	312.5	5893.3	9210.0	9895.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	126.1	3645.6	6732.1	7576.3
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.3	2362.8	5098.4	5750.8
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	1260.9	3196.1	3716.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	548.2	1940.7	2236.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	175.4	1178.7	1343.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180.9	241.2
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: P599149  
 CATALOG NUMBER: IFLD-S-SA6B-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7	7773.7
2.5°	8371.2	8530.2	8590.5	8497.3	8508.3	8316.4	8289.0	8020.4	7910.7	7932.7
5°	8755.0	8985.2	9111.3	9007.2	8771.4	8404.1	8069.7	7751.7	7554.4	7455.7
7.5°	8667.3	8924.9	9083.9	9182.6	8914.0	8321.9	7812.1	7214.5	6962.3	6967.8
10°	8184.8	8722.1	9045.5	8919.4	8793.4	8201.3	7411.9	6765.0	6540.2	6562.1
12.5°	7795.6	8393.2	8585.0	8683.7	8426.1	7954.6	7422.8	6682.7	6430.6	6277.1
15°	7554.4	7998.4	8009.4	8162.9	8058.7	8058.7	7537.9	6814.3	6595.0	6425.1
17.5°	7554.4	7653.1	7642.1	7696.9	7872.4	8080.7	7828.5	7346.1	6913.0	6885.6
20°	7724.3	7417.3	7346.1	7368.0	7516.0	8135.5	8469.9	7866.9	7592.8	7505.1
22.5°	8119.1	7444.7	7011.7	6934.9	7389.9	8130.0	8881.1	8689.2	8212.2	8141.0
25°	8661.8	7395.4	6923.9	6825.3	7170.6	8327.4	9445.7	9484.1	9051.0	8903.0
27.5°	9177.1	7614.7	6913.0	6891.1	7346.1	8283.5	9835.0	10120.0	9632.1	9511.5
30°	9352.5	7834.0	7115.8	6825.3	7411.9	8442.5	9824.0	10569.6	10251.6	10279.0
32.5°	9560.9	8053.3	7137.7	7022.6	7691.4	8700.2	10136.5	11293.2	11063.0	10739.5
35°	9867.9	8349.3	7346.1	7241.9	7888.8	8930.4	10202.3	11825.0	11786.6	11408.3
37.5°	10131.0	8639.9	7779.2	7795.6	8491.8	9303.2	10492.8	12477.4	12411.6	12153.9
40°	10317.4	9045.5	8453.5	8497.3	9018.1	9719.8	11008.1	12806.3	13294.2	12915.9
42.5°	10344.8	9407.4	9226.4	9577.3	10065.2	10366.7	11216.5	13031.0	13732.8	13486.1
45°	10449.0	9983.0	10487.3	10745.0	11145.2	10936.9	11205.5	13414.8	13765.7	13639.6
47.5°	10854.6	11030.1	11666.0	12449.9	12592.5	11907.2	11468.6	13475.1	13952.0	13935.6
50°	11276.8	12153.9	13047.5	13568.3	13749.2	12576.0	11715.3	13425.8	14198.7	14067.2
52.5°	11748.2	13129.7	14418.0	15059.4	14960.8	13316.1	11994.9	13826.0	14653.8	14609.9
55°	12044.3	13568.3	15300.7	16194.2	16117.5	14143.9	12883.0	14401.6	15251.3	15141.7
57.5°	12828.2	14281.0	16177.8	16594.4	16797.3	15229.4	13502.5	15344.5	15750.2	15870.8
60°	13475.1	14747.0	16408.0	17011.1	17082.4	15876.3	14588.0	16314.9	16386.1	15980.4
62.5°	14423.5	14927.9	15920.1	16462.9	16830.2	16243.6	15563.8	16835.7	16375.2	16347.7
65°	15119.7	14335.8	15010.1	15311.6	15547.4	15684.4	16545.1	17192.0	16172.3	15640.5
67.5°	14730.5	13217.4	13091.4	13107.8	13179.1	14006.9	16216.2	16320.3	15043.0	14604.4
70°	12965.3	10843.7	10673.7	10805.3	10449.0	11446.7	14884.0	14834.7	13272.3	12817.2
72.5°	10487.3	7905.2	7614.7	7795.6	7877.8	8935.9	12521.2	11249.4	9681.5	9325.1
75°	8332.9	5794.6	4890.1	5328.6	5608.2	6507.3	9780.1	7642.1	6759.5	6277.1
77.5°	6545.7	4385.7	3804.6	3629.2	3886.8	4731.1	7115.8	4012.9	3541.5	3316.7
80°	4150.0	3223.5	3497.6	3245.4	3355.1	3377.0	3705.9	1825.6	1452.8	1436.3
82.5°	2499.9	2203.8	2620.5	1441.8	2625.9	2346.4	1540.5	827.8	734.6	734.6
85°	1770.7	1365.1	904.6	586.6	1167.7	1288.3	597.6	427.6	372.8	361.8
87.5°	888.1	422.1	202.8	131.6	148.0	241.2	71.3	32.9	32.9	27.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)