

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: P599334

Luminaire Tested: **IFLD-L-SA7C-827-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: P599334  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA7C-827-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (112) 2700K CCT, 80 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

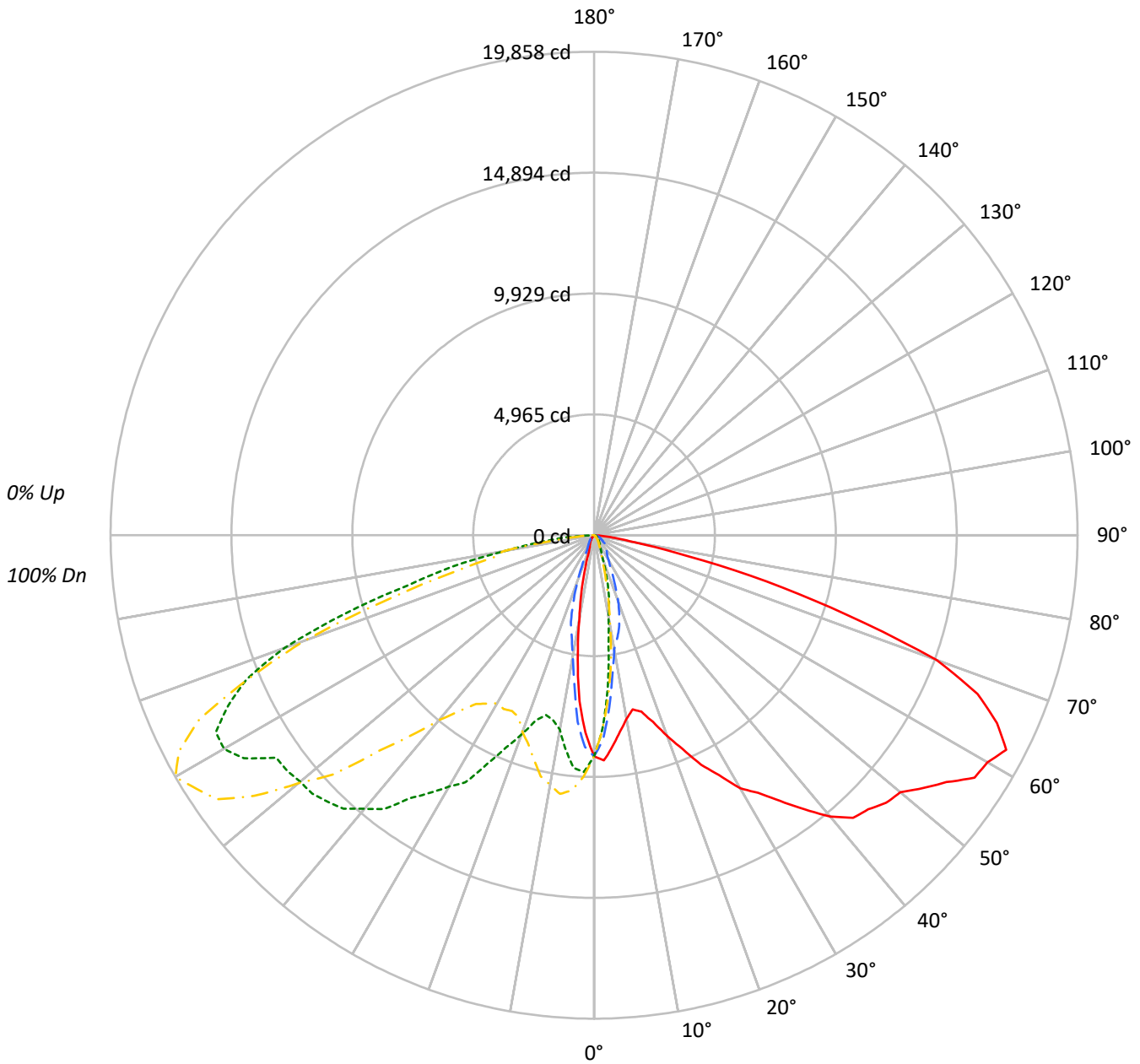
Lumens per Lamp: N/A  
 Luminaire Lumens: 23737.3 lumens  
 Efficiency: N/A  
 Efficacy: 64.3 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 369  
 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				
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°	48840	48840	48840	48840
5°	47021	34367	36995	51827
10°	41864	18711	18956	44312
15°	41791	12480	7631	42575
20°	50179	6231	3042	49885
25°	61718	3915	2356	61414
30°	74571	3142	1790	74094
35°	87499	2523	1388	86616
40°	105931	2158	899	103008
45°	121189	1948	487	117828
50°	137495	1876	107	131869
55°	165856	1802	0	149522
60°	200802	1516	0	188884
65°	232516	1223	0	211326
70°	235447	1007	0	213089
75°	152372	665	0	163418
80°	51967	198	0	115637
85°	26084	0	0	84963

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	687.4	2.9
10°-20°	1331.1	5.6
20°-30°	1853.9	7.8
30°-40°	2634.2	11.1
40°-50°	3652.8	15.4
50°-60°	4977.2	21.0
60°-70°	5472.1	23.1
70°-80°	2689.5	11.3
80°-90°	439.2	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°	3872.4	16.3
0°-40°	6506.6	27.4
0°-60°	15136.6	63.8
0°-90°	23737.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23737.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	9075	9075	9075	9075	9075	
5°	8704	6361	6848	9593	8704	796
15°	7500	2240	1370	7641	7500	2220
25°	10393	659	397	10342	10393	4832
35°	13318	384	211	13183	13318	8454
45°	15922	256	64	15481	15922	12343
55°	17676	192	0	15935	17676	15901
65°	18258	96	0	16594	18258	17645
75°	7328	32	0	7859	7328	7989
85°	422	0	0	1376	422	584
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°	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8
2.5°	9260.3	9369.1	9266.7	8908.4	8844.4	8671.6	8409.2	8390.0	8114.8	8146.8	7999.6
5°	8703.6	8812.4	8594.8	8121.2	7679.6	7327.6	7116.4	6738.9	6655.7	6470.1	6470.1
7.5°	8134.0	8127.6	7756.4	7359.6	6700.5	6054.1	5759.7	5215.7	4895.8	4723.0	4556.6
10°	7660.4	7558.0	7327.6	6508.5	5791.7	5119.7	4755.0	4396.6	4063.8	3775.8	3487.8
12.5°	7327.6	7391.6	7026.9	6137.3	5209.3	4742.2	4351.8	3974.2	3577.4	3251.0	2931.1
15°	7500.4	7398.0	6969.3	6054.1	5113.3	4473.4	3955.0	3494.2	3052.6	2623.9	2380.7
17.5°	8038.0	7775.6	7270.0	6054.1	4915.0	4063.8	3436.6	2892.7	2419.1	2035.1	1734.3
20°	8761.2	8460.4	7916.4	6278.1	4767.8	3763.0	2905.5	2220.7	1727.9	1369.5	1139.1
22.5°	9503.5	9266.7	8447.6	6367.7	4595.0	3359.8	2291.1	1606.3	1151.9	921.6	806.4
25°	10393.1	10060.3	9164.3	6726.1	4339.0	2969.5	1804.7	1119.9	857.6	736.0	665.6
27.5°	11103.5	11045.9	9836.3	6943.7	4147.0	2649.5	1427.1	889.6	710.4	620.8	576.0
30°	11999.4	11685.8	10655.5	7378.8	3929.4	2284.7	1190.3	800.0	652.8	556.8	524.8
32.5°	12537.0	12389.8	11084.3	7622.0	3686.2	1983.9	1023.9	704.0	595.2	524.8	492.8
35°	13317.7	13023.4	11698.6	7775.6	3558.2	1811.1	921.6	640.0	499.2	428.8	390.4
37.5°	14188.1	14079.3	12434.6	7769.2	3372.6	1708.7	851.2	595.2	473.6	396.8	352.0
40°	15077.7	14636.1	12882.6	7948.4	3276.6	1631.9	800.0	569.6	448.0	377.6	320.0
42.5°	15743.2	15237.6	13400.9	7884.4	3161.4	1497.5	780.8	531.2	428.8	345.6	294.4
45°	15922.4	15743.2	13868.1	7865.2	3078.2	1388.7	748.8	524.8	416.0	326.4	275.2
47.5°	16268.0	16146.4	14444.1	7897.2	3014.3	1305.5	672.0	537.6	396.8	307.2	262.4
50°	16421.6	16204.0	14911.3	7974.0	2867.1	1203.1	601.6	563.2	390.4	300.8	249.6
52.5°	17055.2	16863.2	15551.2	8191.6	2745.5	1068.7	531.2	537.6	403.2	281.6	236.8
55°	17675.9	17458.3	16536.8	8690.8	2572.7	960.0	454.4	473.6	384.0	256.0	211.2
57.5°	18527.1	18168.7	17196.0	8895.6	2419.1	812.8	403.2	390.4	358.4	230.4	185.6
60°	18655.1	18802.3	17100.0	8767.6	2259.1	716.8	352.0	300.8	384.0	204.8	160.0
62.5°	19083.9	18469.5	16652.0	8473.2	2143.9	659.2	313.6	249.6	332.8	179.2	134.4
65°	18258.3	17803.9	15602.4	7526.0	1996.7	665.6	275.2	204.8	211.2	147.2	108.8
67.5°	17048.8	16690.4	13861.7	6495.7	1849.5	652.8	243.2	179.2	160.0	128.0	96.0
70°	14962.5	14188.1	11775.4	5273.3	1631.9	608.0	204.8	160.0	134.4	102.4	70.4
72.5°	10885.9	10572.3	8447.6	4076.6	1465.5	550.4	192.0	134.4	115.2	76.8	57.6
75°	7327.6	6809.3	5330.9	2675.1	1177.5	480.0	160.0	121.6	89.6	57.6	44.8
77.5°	3871.8	3660.6	3020.7	1273.5	652.8	224.0	89.6	70.4	51.2	44.8	25.6
80°	1676.7	1491.1	1305.5	518.4	230.4	102.4	57.6	38.4	32.0	25.6	12.8
82.5°	857.6	819.2	678.4	224.0	134.4	76.8	32.0	25.6	19.2	12.8	6.4
85°	422.4	435.2	358.4	70.4	76.8	44.8	6.4	6.4	0.0	0.0	0.0
87.5°	32.0	32.0	25.6	12.8	19.2	6.4	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°	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8
2.5°	7942.0	8031.6	7878.0	7974.0	7929.2	7948.4	7967.6	7916.4	7929.2	8108.4	8114.8
5°	6361.3	6534.1	6470.1	6559.7	6713.3	6636.5	6706.9	6694.1	6706.9	6732.5	6847.7
7.5°	4537.4	4486.2	4607.8	4844.6	5119.7	5286.1	5202.9	5158.1	5132.5	5068.5	5145.3
10°	3423.8	3398.2	3366.2	3436.6	3615.8	3801.4	3903.8	3731.0	3635.0	3513.4	3468.6
12.5°	2841.5	2681.5	2591.9	2483.1	2534.3	2700.7	2707.1	2540.7	2387.1	2323.1	2393.5
15°	2239.9	2131.1	1971.1	1817.5	1740.7	1868.7	1759.9	1599.9	1401.5	1375.9	1369.5
17.5°	1599.9	1535.9	1420.7	1356.7	1267.1	1235.1	1119.9	876.8	736.0	697.6	710.4
20°	1087.9	1036.7	1030.3	972.8	934.4	908.8	723.2	563.2	518.4	524.8	531.2
22.5°	806.4	780.8	748.8	742.4	710.4	678.4	531.2	473.6	441.6	441.6	460.8
25°	659.2	646.4	614.4	601.6	588.8	544.0	448.0	403.2	390.4	377.6	396.8
27.5°	563.2	556.8	537.6	518.4	505.6	460.8	390.4	352.0	339.2	339.2	339.2
30°	505.6	505.6	480.0	441.6	441.6	390.4	332.8	307.2	294.4	294.4	288.0
32.5°	473.6	460.8	428.8	403.2	384.0	332.8	294.4	268.8	249.6	249.6	256.0
35°	384.0	384.0	377.6	358.4	332.8	281.6	249.6	224.0	211.2	204.8	211.2
37.5°	339.2	320.0	294.4	300.8	288.0	243.2	211.2	192.0	172.8	172.8	172.8
40°	307.2	288.0	262.4	243.2	236.8	217.6	185.6	153.6	134.4	128.0	128.0
42.5°	275.2	262.4	224.0	192.0	185.6	185.6	140.8	115.2	96.0	96.0	96.0
45°	256.0	236.8	204.8	166.4	134.4	140.8	115.2	83.2	70.4	64.0	64.0
47.5°	243.2	224.0	179.2	140.8	102.4	102.4	83.2	57.6	44.8	38.4	38.4
50°	224.0	204.8	160.0	115.2	76.8	64.0	51.2	32.0	19.2	12.8	12.8
52.5°	211.2	192.0	140.8	96.0	64.0	44.8	32.0	6.4	0.0	0.0	0.0
55°	192.0	166.4	121.6	76.8	51.2	25.6	6.4	0.0	0.0	0.0	0.0
57.5°	166.4	147.2	96.0	57.6	32.0	6.4	0.0	0.0	0.0	0.0	0.0
60°	140.8	121.6	76.8	44.8	12.8	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	115.2	102.4	57.6	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	96.0	76.8	44.8	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	83.2	64.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	64.0	44.8	19.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	44.8	32.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	32.0	19.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	19.2	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	6.4	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°	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8
2.5°	8140.4	8332.4	8511.6	8562.8	8703.6	9094.0	9094.0	9279.5	9612.3	9733.9	9759.5
5°	6866.9	7071.7	7110.0	7506.8	7692.4	8089.2	8351.6	8978.8	9356.3	9593.1	9740.3
7.5°	5222.1	5292.5	5439.7	5810.9	6175.7	6655.7	7154.8	7954.8	8620.4	8889.2	9388.3
10°	3590.2	3801.4	4121.4	4454.2	5023.8	5554.9	6201.3	6956.5	7775.6	8108.4	8537.2
12.5°	2419.1	2713.5	3225.4	3699.0	4223.8	4761.4	5375.7	6386.9	7314.8	7775.6	8204.4
15°	1414.3	1772.7	2214.3	2982.3	3679.8	4281.4	4895.8	5919.7	7046.1	7641.2	8166.0
17.5°	716.8	825.6	1190.3	1855.9	2777.5	3763.0	4678.2	5983.7	7250.8	7980.4	8415.6
20°	537.6	569.6	672.0	985.6	1900.7	3110.2	4473.4	6079.7	7820.4	8710.0	8946.8
22.5°	467.2	492.8	537.6	640.0	1068.7	2380.7	4185.4	6316.5	8594.8	9433.1	9932.3
25°	396.8	422.4	460.8	524.8	684.8	1619.1	3833.4	6566.1	9285.9	10341.9	10809.1
27.5°	345.6	364.8	403.2	454.4	556.8	1030.3	3225.4	6898.9	10341.9	11442.6	11564.2
30°	294.4	313.6	345.6	403.2	473.6	729.6	2367.9	6943.7	10924.3	11922.6	12261.8
32.5°	256.0	262.4	300.8	352.0	396.8	576.0	1663.9	6988.5	11353.0	12543.4	12613.8
35°	211.2	224.0	262.4	294.4	345.6	454.4	1260.7	6764.5	11909.8	13183.3	13164.1
37.5°	172.8	192.0	217.6	243.2	281.6	384.0	1004.8	6348.5	12607.4	14175.3	13573.7
40°	134.4	153.6	179.2	211.2	236.8	345.6	755.2	5721.3	13336.9	14661.7	14021.7
42.5°	96.0	108.8	134.4	166.4	211.2	288.0	544.0	4979.0	13624.9	15231.2	14559.3
45°	70.4	83.2	102.4	140.8	217.6	230.4	377.6	4300.6	13932.1	15480.8	14437.7
47.5°	38.4	51.2	76.8	121.6	192.0	172.8	268.8	3692.6	14284.1	15704.8	14533.7
50°	12.8	19.2	44.8	128.0	153.6	134.4	211.2	3366.2	14629.7	15749.6	14725.7
52.5°	0.0	0.0	25.6	134.4	115.2	102.4	185.6	3238.2	14540.1	15890.4	14604.1
55°	0.0	0.0	6.4	57.6	64.0	76.8	153.6	3231.8	15173.7	15935.2	15269.6
57.5°	0.0	0.0	0.0	19.2	38.4	64.0	134.4	3027.1	15576.8	17048.8	16165.6
60°	0.0	0.0	0.0	6.4	25.6	44.8	102.4	2847.9	15986.4	17547.9	17125.6
62.5°	0.0	0.0	0.0	0.0	6.4	19.2	70.4	2572.7	15160.9	17509.5	18053.5
65°	0.0	0.0	0.0	0.0	0.0	0.0	44.8	2035.1	13637.7	16594.4	17541.5
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	25.6	1407.9	11941.8	15442.4	16600.8
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	851.2	9637.9	13541.7	14079.3
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	364.8	6879.7	10751.5	11551.4
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	147.2	4255.8	7858.8	8844.4
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.6	2758.3	5951.7	6713.3
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	1471.9	3731.0	4339.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	640.0	2265.5	2611.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	204.8	1375.9	1567.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	211.2	281.6
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: P599334  
 CATALOG NUMBER: IFLD-L-SA7C-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8	9074.8
2.5°	9772.3	9957.9	10028.3	9919.5	9932.3	9708.3	9676.3	9362.7	9234.7	9260.3
5°	10220.3	10489.1	10636.3	10514.7	10239.5	9810.7	9420.3	9049.2	8818.8	8703.6
7.5°	10117.9	10418.7	10604.3	10719.5	10405.9	9714.7	9119.5	8422.0	8127.6	8134.0
10°	9554.7	10181.9	10559.5	10412.3	10265.1	9573.9	8652.4	7897.2	7634.8	7660.4
12.5°	9100.4	9797.9	10021.9	10137.1	9836.3	9285.9	8665.2	7801.2	7506.8	7327.6
15°	8818.8	9337.1	9349.9	9529.1	9407.5	9407.5	8799.6	7954.8	7698.8	7500.4
17.5°	8818.8	8934.0	8921.2	8985.2	9189.9	9433.1	9138.7	8575.6	8070.0	8038.0
20°	9017.2	8658.8	8575.6	8601.2	8774.0	9497.1	9887.5	9183.5	8863.6	8761.2
22.5°	9477.9	8690.8	8185.2	8095.6	8626.8	9490.7	10367.5	10143.5	9586.7	9503.5
25°	10111.5	8633.2	8082.8	7967.6	8370.8	9721.1	11026.7	11071.5	10565.9	10393.1
27.5°	10713.1	8889.2	8070.0	8044.4	8575.6	9669.9	11481.0	11813.8	11244.2	11103.5
30°	10917.9	9145.1	8306.8	7967.6	8652.4	9855.5	11468.2	12338.6	11967.4	11999.4
32.5°	11161.0	9401.1	8332.4	8198.0	8978.8	10156.3	11833.0	13183.3	12914.6	12537.0
35°	11519.4	9746.7	8575.6	8454.0	9209.1	10425.1	11909.8	13804.1	13759.3	13317.7
37.5°	11826.6	10085.9	9081.2	9100.4	9913.1	10860.3	12249.0	14565.7	14488.9	14188.1
40°	12044.2	10559.5	9868.3	9919.5	10527.5	11346.6	12850.6	14949.7	15519.2	15077.7
42.5°	12076.2	10981.9	10770.7	11180.2	11749.8	12101.8	13093.8	15212.0	16031.2	15743.2
45°	12197.8	11653.8	12242.6	12543.4	13010.6	12767.4	13081.0	15660.0	16069.6	15922.4
47.5°	12671.4	12876.2	13618.5	14533.7	14700.1	13900.1	13388.1	15730.4	16287.2	16268.0
50°	13164.1	14188.1	15231.2	15839.2	16050.4	14680.9	13676.1	15672.8	16575.2	16421.6
52.5°	13714.5	15327.2	16831.2	17579.9	17464.7	15544.8	14002.5	16140.0	17106.4	17055.2
55°	14060.1	15839.2	17861.5	18904.7	18815.1	16511.2	15039.3	16812.0	17803.9	17675.9
57.5°	14975.3	16671.2	18885.5	19371.8	19608.6	17778.3	15762.4	17912.7	18386.3	18527.1
60°	15730.4	17215.1	19154.3	19858.2	19941.4	18533.5	17029.6	19045.5	19128.7	18655.1
62.5°	16837.6	17426.3	18584.7	19218.3	19647.0	18962.3	18168.7	19653.4	19115.9	19083.9
65°	17650.3	16735.2	17522.3	17874.3	18149.5	18309.5	19314.2	20069.4	18879.1	18258.3
67.5°	17196.0	15429.6	15282.4	15301.6	15384.8	16351.2	18930.3	19051.9	17560.7	17048.8
70°	15135.3	12658.6	12460.2	12613.8	12197.8	13362.5	17375.1	17317.5	15493.6	14962.5
72.5°	12242.6	9228.3	8889.2	9100.4	9196.3	10431.5	14616.9	13132.2	11301.8	10885.9
75°	9727.5	6764.5	5708.5	6220.5	6546.9	7596.4	11417.0	8921.2	7890.8	7327.6
77.5°	7641.2	5119.7	4441.4	4236.6	4537.4	5522.9	8306.8	4684.6	4134.2	3871.8
80°	4844.6	3763.0	4083.0	3788.6	3916.6	3942.2	4326.2	2131.1	1695.9	1676.7
82.5°	2918.3	2572.7	3059.0	1683.1	3065.4	2739.1	1798.3	966.4	857.6	857.6
85°	2067.1	1593.5	1055.9	684.8	1363.1	1503.9	697.6	499.2	435.2	422.4
87.5°	1036.7	492.8	236.8	153.6	172.8	281.6	83.2	38.4	38.4	32.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)