

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: P598617

Luminaire Tested: **IFLD-S-SA2B-727-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598617  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA2B-727-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (32) 2700K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

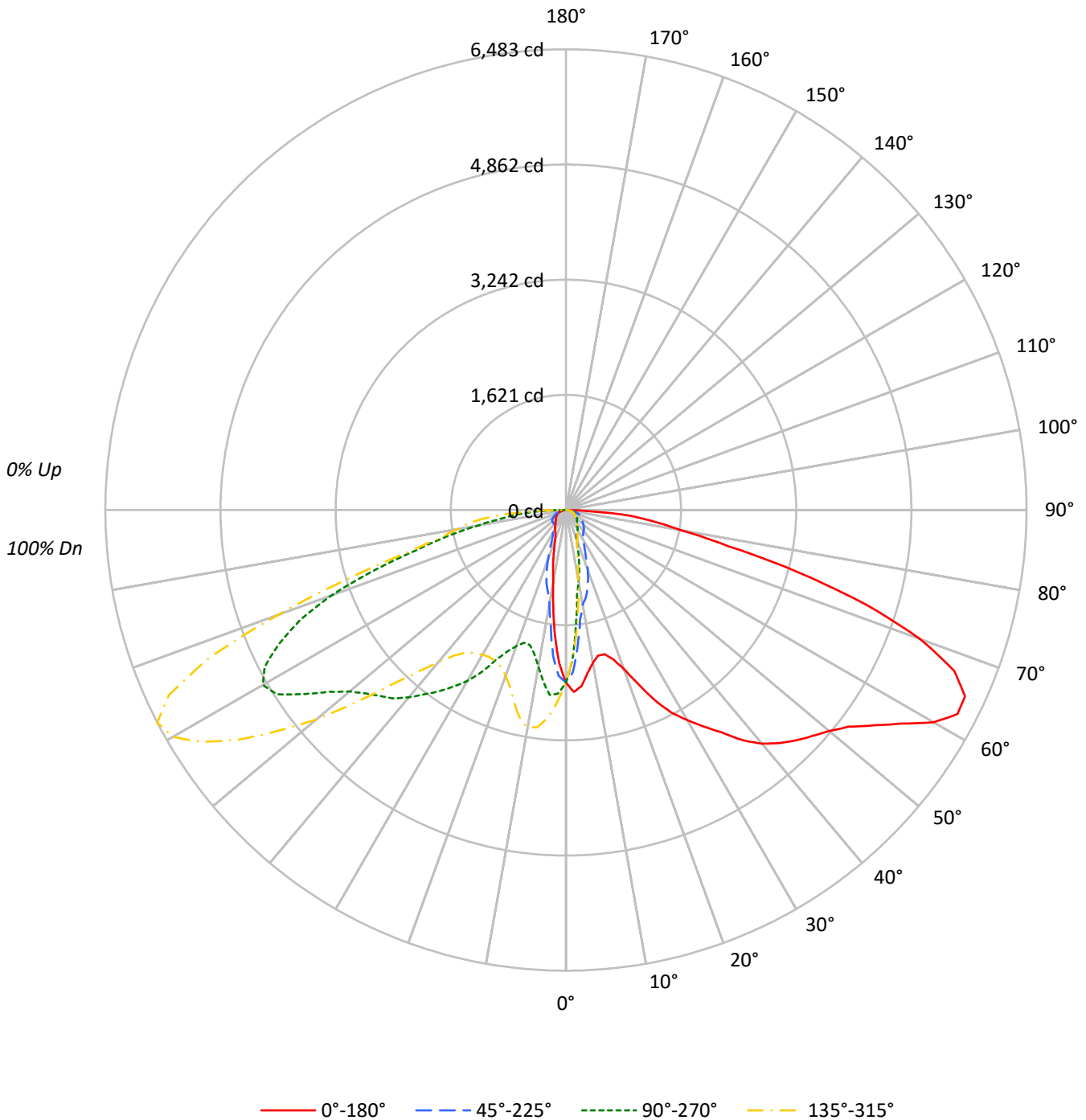
Lumens per Lamp: N/A  
 Luminaire Lumens: 8121.9 lumens  
 Efficiency: N/A  
 Efficacy: 98.6 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 82.4  
 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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	85	82	79	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	70	65	61	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	59	53	48	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	51	44	39	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	45	38	32	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	36	29	23	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	32	26	20	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	30	23	18	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	28	21	16	14

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

	0°	90°	180°	270°
0°	52231	52231	52231	52231
5°	53751	34952	38185	56469
10°	47687	22210	22433	48802
15°	46803	15753	14919	43772
20°	54414	9963	10041	46630
25°	69980	8556	8314	55127
30°	84806	8109	7602	69011
35°	100374	7143	6875	81801
40°	120608	6781	6303	96639
45°	139557	6725	6104	112658
50°	162055	6829	6146	133034
55°	198319	7015	6249	169494
60°	257202	7022	6583	211993
65°	315716	7096	6749	226924
70°	334083	7484	7056	220937
75°	281222	7910	7062	180320
80°	204309	9273	7166	155872
85°	216549	13437	5879	161985

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	187.8	2.3
10°-20°	393.0	4.8
20°-30°	566.3	7.0
30°-40°	815.2	10.0
40°-50°	1158.0	14.3
50°-60°	1664.9	20.5
60°-70°	1923.5	23.7
70°-80°	1089.1	13.4
80°-90°	324.1	4.0
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°	1147.0	14.1
0°-40°	1962.3	24.2
0°-60°	4785.2	58.9
0°-90°	8121.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8121.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2426	2426	2426	2426	2426	
5°	2487	1617	1767	2613	2487	226
15°	2100	707	669	1964	2100	618
25°	2946	360	350	2321	2946	1367
35°	3819	272	262	3113	3819	2424
45°	4584	221	200	3700	4584	3549
55°	5284	187	166	4516	5284	4785
65°	6198	139	132	4455	6198	5943
75°	3381	95	85	2168	3381	3587
85°	877	54	24	656	877	873
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°	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2
2.5°	2562.1	2558.7	2538.3	2473.7	2405.8	2341.2	2280.0	2215.5	2181.5	2140.7	2123.7
5°	2487.3	2480.5	2422.8	2280.0	2154.3	2018.4	1902.9	1811.1	1736.4	1661.6	1634.4
7.5°	2317.4	2307.2	2239.3	2042.2	1858.7	1682.0	1542.7	1423.8	1325.2	1281.0	1230.1
10°	2181.5	2164.5	2076.2	1858.7	1620.8	1444.1	1352.4	1270.8	1185.9	1114.5	1039.8
12.5°	2096.6	2076.2	1984.4	1729.6	1498.5	1366.0	1270.8	1179.1	1073.8	985.4	903.9
15°	2100.0	2076.2	1964.0	1695.6	1467.9	1298.0	1165.5	1039.8	917.5	818.9	727.2
17.5°	2198.5	2167.9	2049.0	1743.2	1444.1	1209.7	1033.0	869.9	730.6	625.2	550.5
20°	2375.2	2354.8	2218.9	1814.5	1420.4	1114.5	897.1	700.0	553.9	472.3	441.7
22.5°	2640.2	2616.4	2470.3	1923.3	1413.6	1029.6	751.0	550.5	445.1	411.2	394.2
25°	2946.1	2901.9	2766.0	2106.8	1427.2	951.4	632.0	455.3	397.6	373.8	363.6
27.5°	3211.1	3183.9	3031.0	2280.0	1433.9	890.3	550.5	414.6	370.4	350.0	343.2
30°	3411.6	3401.4	3251.9	2470.3	1417.0	815.5	499.5	397.6	370.4	350.0	329.6
32.5°	3612.1	3615.5	3455.8	2616.4	1393.2	751.0	451.9	353.4	326.2	312.6	316.0
35°	3819.3	3836.3	3700.4	2759.2	1342.2	727.2	418.0	329.6	305.8	285.4	275.2
37.5°	4081.0	4125.2	3992.6	2918.9	1291.2	706.8	401.0	312.6	288.8	271.8	258.2
40°	4291.7	4373.2	4295.1	3068.4	1257.3	683.0	387.4	295.6	278.6	258.2	248.1
42.5°	4448.0	4543.1	4515.9	3183.9	1257.3	659.2	373.8	285.4	271.8	248.1	234.5
45°	4583.9	4682.4	4679.0	3302.8	1284.4	645.6	356.8	285.4	265.0	241.3	227.7
47.5°	4706.2	4804.8	4838.7	3452.4	1328.6	638.8	336.4	278.6	265.0	237.9	217.5
50°	4838.7	4947.5	5049.4	3690.2	1383.0	621.8	322.8	268.4	268.4	234.5	210.7
52.5°	5008.6	5131.0	5317.8	3985.8	1437.3	591.2	302.4	261.6	268.4	231.1	203.9
55°	5283.9	5385.8	5630.5	4339.2	1505.3	553.9	285.4	244.7	254.8	220.9	193.7
57.5°	5593.1	5681.4	5885.3	4611.1	1525.7	506.3	261.6	227.7	244.7	210.7	180.1
60°	5973.7	6017.8	6017.8	4689.2	1457.7	462.1	244.7	214.1	220.9	200.5	169.9
62.5°	6214.9	6214.9	6017.8	4546.5	1328.6	424.7	231.1	200.5	193.7	186.9	159.7
65°	6197.9	6170.7	5878.5	4131.9	1179.1	401.0	217.5	183.5	173.3	169.9	149.5
67.5°	5912.5	5864.9	5467.4	3547.5	1022.8	390.8	203.9	166.5	159.7	152.9	135.9
70°	5307.7	5185.3	4696.0	2854.3	869.9	384.0	200.5	152.9	146.1	139.3	125.7
72.5°	4431.0	4274.7	3666.4	2195.1	730.6	360.2	190.3	135.9	132.5	125.7	112.1
75°	3381.0	3092.2	2558.7	1678.6	567.5	312.6	163.1	118.9	118.9	115.5	101.9
77.5°	2331.0	2181.5	1783.9	1240.3	414.6	241.3	132.5	105.3	105.3	108.7	95.1
80°	1648.0	1508.7	1270.8	890.3	261.6	163.1	101.9	88.3	98.5	105.3	88.3
82.5°	1260.7	1158.7	944.6	649.0	152.9	112.1	78.2	71.4	84.9	91.7	74.8
85°	876.7	754.4	479.1	434.9	88.3	68.0	57.8	57.8	74.8	91.7	68.0
87.5°	248.1	105.3	30.6	129.1	37.4	27.2	20.4	13.6	20.4	20.4	13.6
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°	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2
2.5°	2106.8	2086.4	2086.4	2079.6	2083.0	2086.4	2083.0	2106.8	2116.9	2130.5	2157.7
5°	1617.4	1644.6	1624.2	1644.6	1671.8	1712.6	1722.8	1753.4	1756.8	1780.5	1767.0
7.5°	1199.5	1196.1	1179.1	1202.9	1277.6	1335.4	1362.6	1379.6	1383.0	1383.0	1366.0
10°	1016.0	985.4	954.8	937.8	944.6	1005.8	1026.2	1036.4	1029.6	1039.8	1026.2
12.5°	869.9	842.7	798.5	767.9	747.6	764.5	784.9	795.1	801.9	818.9	832.5
15°	706.8	679.6	652.4	635.4	618.4	604.8	621.8	632.0	649.0	662.6	669.4
17.5°	536.9	523.3	509.7	519.9	519.9	513.1	519.9	523.3	530.1	540.3	536.9
20°	434.9	431.5	428.1	445.1	458.7	458.7	465.5	455.3	451.9	441.7	438.3
22.5°	387.4	387.4	390.8	404.4	418.0	424.7	424.7	407.8	390.8	384.0	387.4
25°	360.2	360.2	370.4	373.8	380.6	380.6	384.0	367.0	356.8	346.6	350.0
27.5°	339.8	339.8	343.2	343.2	346.6	346.6	350.0	343.2	329.6	326.2	326.2
30°	326.2	326.2	322.8	322.8	322.8	322.8	326.2	316.0	309.2	305.8	305.8
32.5°	312.6	309.2	305.8	305.8	302.4	302.4	305.8	295.6	292.2	292.2	292.2
35°	271.8	268.4	271.8	278.6	278.6	282.0	282.0	278.6	271.8	265.0	261.6
37.5°	254.8	251.5	251.5	251.5	258.2	261.6	265.0	258.2	248.1	237.9	237.9
40°	241.3	241.3	237.9	237.9	237.9	244.7	251.5	241.3	227.7	224.3	224.3
42.5°	231.1	227.7	224.3	220.9	217.5	227.7	234.5	220.9	214.1	214.1	214.1
45°	220.9	217.5	214.1	210.7	207.3	210.7	217.5	203.9	200.5	200.5	200.5
47.5°	210.7	207.3	200.5	197.1	193.7	193.7	200.5	190.3	186.9	190.3	190.3
50°	203.9	197.1	190.3	186.9	183.5	183.5	183.5	180.1	180.1	180.1	183.5
52.5°	197.1	190.3	180.1	176.7	173.3	173.3	173.3	173.3	169.9	173.3	176.7
55°	186.9	180.1	173.3	169.9	166.5	163.1	166.5	163.1	163.1	166.5	166.5
57.5°	173.3	166.5	159.7	159.7	156.3	156.3	159.7	156.3	156.3	159.7	159.7
60°	163.1	156.3	149.5	149.5	146.1	149.5	152.9	149.5	149.5	149.5	152.9
62.5°	149.5	146.1	139.3	139.3	139.3	139.3	142.7	139.3	142.7	142.7	142.7
65°	139.3	132.5	129.1	129.1	129.1	129.1	135.9	129.1	132.5	132.5	132.5
67.5°	129.1	122.3	118.9	118.9	118.9	118.9	125.7	118.9	122.3	125.7	122.3
70°	118.9	112.1	108.7	108.7	108.7	108.7	112.1	108.7	108.7	112.1	112.1
72.5°	105.3	101.9	98.5	98.5	95.1	98.5	101.9	98.5	98.5	98.5	98.5
75°	95.1	91.7	91.7	88.3	88.3	88.3	91.7	84.9	84.9	84.9	84.9
77.5°	88.3	81.6	81.6	81.6	78.2	81.6	78.2	71.4	71.4	71.4	71.4
80°	74.8	68.0	71.4	71.4	68.0	68.0	64.6	57.8	57.8	57.8	57.8
82.5°	61.2	54.4	57.8	57.8	57.8	57.8	51.0	47.6	44.2	40.8	40.8
85°	54.4	44.2	51.0	51.0	47.6	47.6	34.0	34.0	27.2	27.2	23.8
87.5°	10.2	6.8	13.6	17.0	17.0	20.4	13.6	17.0	10.2	6.8	6.8
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°	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2
2.5°	2154.3	2191.7	2242.7	2280.0	2337.8	2382.0	2449.9	2507.7	2562.1	2585.9	2609.7
5°	1807.7	1831.5	1909.7	1970.8	2062.6	2161.1	2283.4	2416.0	2551.9	2613.1	2684.4
7.5°	1352.4	1396.6	1440.7	1529.1	1641.2	1800.9	1957.2	2154.3	2344.6	2436.4	2558.7
10°	1050.0	1084.0	1134.9	1226.7	1332.0	1464.5	1651.4	1885.9	2113.5	2232.5	2358.2
12.5°	842.7	890.3	958.2	1053.4	1175.7	1311.6	1447.5	1665.0	1930.1	2066.0	2208.7
15°	683.0	720.4	795.1	914.1	1056.8	1196.1	1338.8	1518.9	1807.7	1964.0	2133.9
17.5°	543.7	570.9	638.8	757.8	900.5	1056.8	1219.9	1447.5	1767.0	1957.2	2157.7
20°	441.7	462.1	506.3	594.6	730.6	900.5	1104.3	1379.6	1790.7	2035.4	2280.0
22.5°	387.4	394.2	414.6	462.1	574.3	754.4	999.0	1321.8	1834.9	2150.9	2480.5
25°	350.0	356.8	363.6	394.2	458.7	628.6	907.3	1287.8	1930.1	2320.8	2711.6
27.5°	326.2	333.0	336.4	350.0	394.2	536.9	829.1	1267.4	2059.2	2568.9	2997.0
30°	305.8	305.8	316.0	336.4	367.0	472.3	761.1	1219.9	2195.1	2776.2	3221.3
32.5°	288.8	292.2	305.8	316.0	336.4	418.0	693.2	1158.7	2317.4	2946.1	3442.2
35°	258.2	258.2	261.6	278.6	305.8	373.8	632.0	1097.5	2385.4	3112.6	3639.2
37.5°	237.9	241.3	248.1	261.6	285.4	343.2	581.1	1029.6	2456.7	3268.9	3870.3
40°	224.3	227.7	234.5	248.1	271.8	316.0	536.9	975.2	2531.5	3438.8	4118.4
42.5°	214.1	217.5	224.3	237.9	258.2	309.2	489.3	931.0	2575.7	3595.1	4352.8
45°	203.9	207.3	217.5	231.1	248.1	302.4	462.1	900.5	2592.7	3700.4	4539.7
47.5°	193.7	197.1	207.3	227.7	248.1	292.2	451.9	883.5	2606.3	3819.3	4689.2
50°	183.5	190.3	203.9	224.3	251.5	278.6	445.1	880.1	2684.4	3972.2	4831.9
52.5°	176.7	186.9	200.5	224.3	248.1	258.2	441.7	890.3	2840.7	4199.9	5035.8
55°	169.9	180.1	193.7	224.3	237.9	241.3	424.7	907.3	3078.6	4515.9	5324.6
57.5°	163.1	169.9	186.9	217.5	224.3	227.7	390.8	931.0	3316.4	4825.1	5620.3
60°	152.9	159.7	176.7	217.5	203.9	214.1	346.6	937.8	3486.3	4923.7	5647.5
62.5°	142.7	149.5	166.5	224.3	186.9	200.5	309.2	914.1	3520.3	4781.0	5494.5
65°	132.5	139.3	152.9	186.9	173.3	186.9	285.4	849.5	3408.2	4454.8	5215.9
67.5°	122.3	129.1	139.3	152.9	156.3	169.9	275.2	747.6	3126.1	4050.4	4835.3
70°	108.7	115.5	125.7	135.9	139.3	159.7	258.2	649.0	2670.8	3510.1	4369.8
72.5°	98.5	101.9	112.1	118.9	125.7	146.1	248.1	567.5	2042.2	2840.7	3564.5
75°	84.9	84.9	95.1	101.9	108.7	129.1	227.7	472.3	1440.7	2167.9	2619.8
77.5°	71.4	71.4	78.2	84.9	91.7	112.1	193.7	384.0	999.0	1719.4	1899.5
80°	54.4	54.4	61.2	68.0	74.8	95.1	156.3	282.0	618.4	1257.3	1383.0
82.5°	37.4	37.4	47.6	51.0	54.4	74.8	118.9	193.7	363.6	907.3	988.8
85°	20.4	20.4	27.2	30.6	37.4	54.4	88.3	135.9	217.5	655.8	659.2
87.5°	3.4	3.4	10.2	10.2	17.0	27.2	51.0	74.8	122.3	363.6	231.1
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: P598617  
 CATALOG NUMBER: IFLD-S-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2	2426.2
2.5°	2653.8	2691.2	2694.6	2694.6	2677.6	2681.0	2633.4	2582.5	2565.5	2562.1
5°	2793.1	2891.7	2918.9	2932.5	2888.3	2820.3	2698.0	2565.5	2497.5	2487.3
7.5°	2766.0	2963.0	3068.4	3082.0	2993.6	2833.9	2619.8	2416.0	2337.8	2317.4
10°	2606.3	2871.3	3061.6	3109.2	3014.0	2810.1	2531.5	2293.6	2198.5	2181.5
12.5°	2494.1	2749.0	2935.9	3000.4	2956.2	2779.6	2487.3	2215.5	2120.3	2096.6
15°	2433.0	2667.4	2789.7	2810.1	2806.7	2732.0	2487.3	2232.5	2127.1	2100.0
17.5°	2483.9	2643.6	2660.6	2613.1	2640.2	2677.6	2541.7	2324.2	2222.3	2198.5
20°	2585.9	2633.4	2551.9	2480.5	2494.1	2613.1	2626.6	2497.5	2416.0	2375.2
22.5°	2799.9	2670.8	2483.9	2385.4	2395.6	2562.1	2738.8	2732.0	2660.6	2640.2
25°	3017.4	2776.2	2463.5	2348.0	2361.6	2551.9	2871.3	2993.6	2956.2	2946.1
27.5°	3258.7	2952.8	2477.1	2331.0	2348.0	2565.5	2963.0	3214.5	3221.3	3211.1
30°	3421.8	3037.8	2517.9	2351.4	2375.2	2599.5	2983.4	3347.0	3408.2	3411.6
32.5°	3557.7	3122.7	2602.9	2385.4	2426.2	2660.6	3037.8	3472.7	3608.7	3612.1
35°	3666.4	3217.9	2708.2	2446.5	2507.7	2762.6	3109.2	3591.7	3795.5	3819.3
37.5°	3805.7	3323.2	2830.5	2579.1	2647.0	2908.7	3234.9	3731.0	4016.4	4081.0
40°	3955.3	3428.6	3007.2	2793.1	2891.7	3126.1	3377.6	3887.3	4203.3	4291.7
42.5°	4121.8	3540.7	3207.7	3082.0	3231.5	3401.4	3540.7	4030.0	4346.0	4448.0
45°	4284.9	3676.6	3499.9	3476.1	3642.6	3727.6	3700.4	4131.9	4481.9	4583.9
47.5°	4400.4	3873.7	3853.3	3996.0	4152.3	4108.2	3887.3	4206.7	4594.1	4706.2
50°	4505.7	4118.4	4298.5	4577.1	4672.2	4522.7	4087.8	4308.6	4713.0	4838.7
52.5°	4662.0	4380.0	4757.2	5103.8	5195.5	4957.7	4305.2	4475.1	4896.5	5008.6
55°	4981.4	4675.6	5236.3	5633.9	5650.8	5355.2	4597.5	4757.2	5154.7	5283.9
57.5°	5338.2	5039.2	5616.9	6072.2	6065.4	5752.8	4927.1	5137.8	5504.7	5593.1
60°	5661.0	5406.2	6031.4	6384.8	6367.8	6041.6	5311.1	5569.3	5905.7	5973.7
62.5°	5851.3	5739.2	6214.9	6483.4	6418.8	6136.8	5637.3	5953.3	6191.1	6214.9
65°	5820.7	5929.5	6000.8	6167.3	6075.6	5871.7	5797.0	6197.9	6221.7	6197.9
67.5°	5589.7	5820.7	5413.0	5430.0	5382.4	5209.1	5548.9	6133.4	5970.3	5912.5
70°	5239.7	5256.7	4526.1	4312.0	4386.8	4148.9	4760.6	5630.5	5379.0	5307.7
72.5°	4658.6	4448.0	3421.8	3204.3	3316.4	3146.5	3819.3	4906.7	4662.0	4431.0
75°	3907.7	3523.7	2606.3	2297.0	2354.8	2348.0	2959.6	4053.8	3612.1	3381.0
77.5°	3027.6	2745.6	1923.3	1804.3	1743.2	1756.8	2066.0	3014.0	2619.8	2331.0
80°	2212.1	1919.9	1488.3	1556.3	1522.3	1440.7	1447.5	2018.4	1821.3	1648.0
82.5°	1529.1	1366.0	1206.3	1362.6	1281.0	1155.3	1128.1	1454.3	1366.0	1260.7
85°	1026.2	1124.7	958.2	1043.2	903.9	832.5	1060.2	1216.5	982.0	876.7
87.5°	669.4	1029.6	689.8	523.3	299.0	401.0	649.0	798.5	458.7	248.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)