

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: P599332

Luminaire Tested: **IFLD-L-SA7A-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: P599332  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA7A-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**

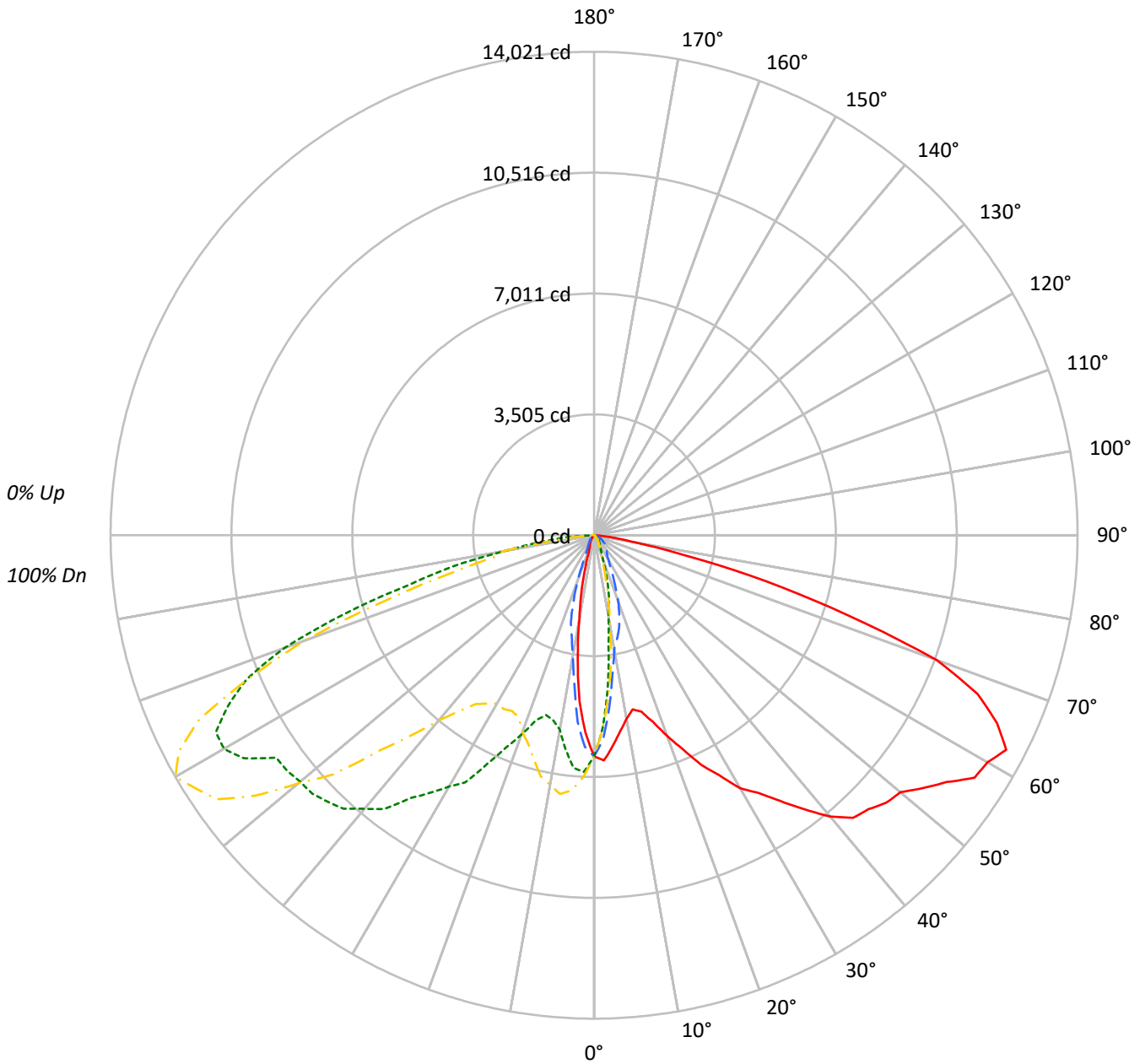
Lumens per Lamp: N/A  
 Luminaire Lumens: 16760.1 lumens  
 Efficiency: N/A  
 Efficacy: 77.0 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 217.6  
 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	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°	34484	34484	34484	34484
5°	33200	24265	26121	36593
10°	29559	13212	13384	31288
15°	29507	8812	5388	30061
20°	35429	4400	2148	35222
25°	43577	2764	1664	43362
30°	52652	2219	1263	52315
35°	61781	1781	980	61157
40°	74794	1524	635	72730
45°	85568	1375	344	83195
50°	97081	1325	75	93108
55°	117106	1272	0	105573
60°	141779	1070	0	133365
65°	164172	863	0	149210
70°	166241	711	0	150456
75°	107585	470	0	115383
80°	36693	139	0	81646
85°	18414	0	0	59991

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	485.4	2.9
10°-20°	939.8	5.6
20°-30°	1309.0	7.8
30°-40°	1859.9	11.1
40°-50°	2579.1	15.4
50°-60°	3514.2	21.0
60°-70°	3863.6	23.1
70°-80°	1898.9	11.3
80°-90°	310.1	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°	2734.2	16.3
0°-40°	4594.1	27.4
0°-60°	10687.5	63.8
0°-90°	16760.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16760.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	6407	6407	6407	6407	6407	
5°	6145	4492	4835	6773	6145	562
15°	5296	1582	967	5395	5296	1567
25°	7338	465	280	7302	7338	3412
35°	9403	271	149	9308	9403	5969
45°	11242	181	45	10930	11242	8715
55°	12480	136	0	11251	12480	11227
65°	12892	68	0	11717	12892	12458
75°	5174	23	0	5549	5174	5641
85°	298	0	0	972	298	413
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°	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4
2.5°	6538.4	6615.2	6542.9	6289.9	6244.7	6122.7	5937.4	5923.9	5729.6	5752.2	5648.3
5°	6145.3	6222.1	6068.5	5734.1	5422.3	5173.8	5024.7	4758.1	4699.3	4568.3	4568.3
7.5°	5743.1	5738.6	5476.5	5196.4	4731.0	4274.6	4066.7	3682.7	3456.7	3334.7	3217.2
10°	5408.8	5336.5	5173.8	4595.4	4089.3	3614.9	3357.3	3104.3	2869.3	2666.0	2462.6
12.5°	5173.8	5219.0	4961.4	4333.3	3678.1	3348.3	3072.6	2806.1	2525.9	2295.4	2069.5
15°	5295.8	5223.5	4920.8	4274.6	3610.4	3158.5	2792.5	2467.2	2155.4	1852.6	1680.9
17.5°	5675.4	5490.1	5133.1	4274.6	3470.3	2869.3	2426.5	2042.4	1708.0	1436.9	1224.5
20°	6186.0	5973.6	5589.5	4432.7	3366.4	2656.9	2051.4	1568.0	1220.0	967.0	804.3
22.5°	6710.1	6542.9	5964.6	4496.0	3244.4	2372.3	1617.7	1134.2	813.3	650.7	569.3
25°	7338.2	7103.2	6470.6	4749.0	3063.6	2096.6	1274.2	790.8	605.5	519.6	469.9
27.5°	7839.8	7799.1	6945.1	4902.7	2928.1	1870.7	1007.6	628.1	501.6	438.3	406.7
30°	8472.4	8251.0	7523.5	5209.9	2774.4	1613.1	840.5	564.8	460.9	393.1	370.5
32.5°	8851.9	8748.0	7826.2	5381.7	2602.7	1400.8	723.0	497.0	420.2	370.5	347.9
35°	9403.2	9195.4	8260.0	5490.1	2512.3	1278.8	650.7	451.9	352.5	302.7	275.6
37.5°	10017.7	9940.9	8779.6	5485.6	2381.3	1206.5	601.0	420.2	334.4	280.2	248.5
40°	10645.8	10334.0	9095.9	5612.1	2313.5	1152.2	564.8	402.2	316.3	266.6	225.9
42.5°	11115.8	10758.8	9462.0	5566.9	2232.2	1057.4	551.3	375.0	302.7	244.0	207.9
45°	11242.3	11115.8	9791.8	5553.4	2173.4	980.5	528.7	370.5	293.7	230.4	194.3
47.5°	11486.3	11400.4	10198.5	5576.0	2128.3	921.8	474.5	379.6	280.2	216.9	185.3
50°	11594.7	11441.1	10528.3	5630.2	2024.3	849.5	424.7	397.6	275.6	212.4	176.2
52.5°	12042.1	11906.5	10980.2	5783.8	1938.5	754.6	375.0	379.6	284.7	198.8	167.2
55°	12480.4	12326.7	11676.1	6136.3	1816.5	677.8	320.8	334.4	271.1	180.7	149.1
57.5°	13081.3	12828.3	12141.5	6280.9	1708.0	573.9	284.7	275.6	253.0	162.7	131.0
60°	13171.7	13275.6	12073.7	6190.5	1595.1	506.1	248.5	212.4	271.1	144.6	113.0
62.5°	13474.5	13040.7	11757.4	5982.6	1513.7	465.4	221.4	176.2	235.0	126.5	94.9
65°	12891.6	12570.7	11016.3	5313.9	1409.8	469.9	194.3	144.6	149.1	103.9	76.8
67.5°	12037.6	11784.5	9787.3	4586.4	1305.9	460.9	171.7	126.5	113.0	90.4	67.8
70°	10564.5	10017.7	8314.2	3723.3	1152.2	429.3	144.6	113.0	94.9	72.3	49.7
72.5°	7686.1	7464.7	5964.6	2878.3	1034.8	388.6	135.6	94.9	81.3	54.2	40.7
75°	5173.8	4807.8	3764.0	1888.8	831.4	338.9	113.0	85.9	63.3	40.7	31.6
77.5°	2733.8	2584.6	2132.8	899.2	460.9	158.2	63.3	49.7	36.1	31.6	18.1
80°	1183.9	1052.8	921.8	366.0	162.7	72.3	40.7	27.1	22.6	18.1	9.0
82.5°	605.5	578.4	479.0	158.2	94.9	54.2	22.6	18.1	13.6	9.0	4.5
85°	298.2	307.3	253.0	49.7	54.2	31.6	4.5	4.5	0.0	0.0	0.0
87.5°	22.6	22.6	18.1	9.0	13.6	4.5	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°	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4
2.5°	5607.6	5670.8	5562.4	5630.2	5598.5	5612.1	5625.7	5589.5	5598.5	5725.1	5729.6
5°	4491.5	4613.5	4568.3	4631.6	4740.0	4685.8	4735.5	4726.5	4735.5	4753.6	4834.9
7.5°	3203.7	3167.5	3253.4	3420.6	3614.9	3732.4	3673.6	3642.0	3623.9	3578.7	3633.0
10°	2417.5	2399.4	2376.8	2426.5	2553.0	2684.0	2756.3	2634.3	2566.6	2480.7	2449.1
12.5°	2006.3	1893.3	1830.0	1753.2	1789.4	1906.8	1911.4	1793.9	1685.4	1640.3	1690.0
15°	1581.5	1504.7	1391.7	1283.3	1229.1	1319.4	1242.6	1129.7	989.6	971.5	967.0
17.5°	1129.7	1084.5	1003.1	957.9	894.7	872.1	790.8	619.0	519.6	492.5	501.6
20°	768.2	732.0	727.5	686.8	659.7	641.6	510.6	397.6	366.0	370.5	375.0
22.5°	569.3	551.3	528.7	524.2	501.6	479.0	375.0	334.4	311.8	311.8	325.3
25°	465.4	456.4	433.8	424.7	415.7	384.1	316.3	284.7	275.6	266.6	280.2
27.5°	397.6	393.1	379.6	366.0	357.0	325.3	275.6	248.5	239.5	239.5	239.5
30°	357.0	357.0	338.9	311.8	311.8	275.6	235.0	216.9	207.9	207.9	203.3
32.5°	334.4	325.3	302.7	284.7	271.1	235.0	207.9	189.8	176.2	176.2	180.7
35°	271.1	271.1	266.6	253.0	235.0	198.8	176.2	158.2	149.1	144.6	149.1
37.5°	239.5	225.9	207.9	212.4	203.3	171.7	149.1	135.6	122.0	122.0	122.0
40°	216.9	203.3	185.3	171.7	167.2	153.6	131.0	108.4	94.9	90.4	90.4
42.5°	194.3	185.3	158.2	135.6	131.0	131.0	99.4	81.3	67.8	67.8	67.8
45°	180.7	167.2	144.6	117.5	94.9	99.4	81.3	58.7	49.7	45.2	45.2
47.5°	171.7	158.2	126.5	99.4	72.3	72.3	58.7	40.7	31.6	27.1	27.1
50°	158.2	144.6	113.0	81.3	54.2	45.2	36.1	22.6	13.6	9.0	9.0
52.5°	149.1	135.6	99.4	67.8	45.2	31.6	22.6	4.5	0.0	0.0	0.0
55°	135.6	117.5	85.9	54.2	36.1	18.1	4.5	0.0	0.0	0.0	0.0
57.5°	117.5	103.9	67.8	40.7	22.6	4.5	0.0	0.0	0.0	0.0	0.0
60°	99.4	85.9	54.2	31.6	9.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	81.3	72.3	40.7	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	67.8	54.2	31.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	58.7	45.2	22.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	45.2	31.6	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	31.6	22.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	22.6	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	13.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.5	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°	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4
2.5°	5747.7	5883.2	6009.7	6045.9	6145.3	6420.9	6420.9	6552.0	6786.9	6872.8	6890.9
5°	4848.5	4993.1	5020.2	5300.3	5431.4	5711.5	5896.8	6339.6	6606.2	6773.4	6877.3
7.5°	3687.2	3736.9	3840.8	4102.9	4360.4	4699.3	5051.8	5616.6	6086.6	6276.3	6628.8
10°	2534.9	2684.0	2910.0	3144.9	3547.1	3922.1	4378.5	4911.7	5490.1	5725.1	6027.8
12.5°	1708.0	1915.9	2277.4	2611.8	2982.3	3361.8	3795.6	4509.6	5164.8	5490.1	5792.8
15°	998.6	1251.7	1563.4	2105.7	2598.2	3022.9	3456.7	4179.7	4975.0	5395.2	5765.7
17.5°	506.1	582.9	840.5	1310.4	1961.1	2656.9	3303.1	4224.9	5119.6	5634.7	5942.0
20°	379.6	402.2	474.5	695.9	1342.0	2196.0	3158.5	4292.7	5521.7	6149.8	6317.0
22.5°	329.9	347.9	379.6	451.9	754.6	1680.9	2955.2	4459.9	6068.5	6660.4	7012.9
25°	280.2	298.2	325.3	370.5	483.5	1143.2	2706.6	4636.1	6556.5	7302.1	7631.9
27.5°	244.0	257.6	284.7	320.8	393.1	727.5	2277.4	4871.1	7302.1	8079.3	8165.1
30°	207.9	221.4	244.0	284.7	334.4	515.1	1671.9	4902.7	7713.3	8418.2	8657.6
32.5°	180.7	185.3	212.4	248.5	280.2	406.7	1174.8	4934.3	8016.0	8856.5	8906.2
35°	149.1	158.2	185.3	207.9	244.0	320.8	890.2	4776.2	8409.1	9308.3	9294.8
37.5°	122.0	135.6	153.6	171.7	198.8	271.1	709.4	4482.5	8901.6	10008.7	9584.0
40°	94.9	108.4	126.5	149.1	167.2	244.0	533.2	4039.6	9416.8	10352.1	9900.3
42.5°	67.8	76.8	94.9	117.5	149.1	203.3	384.1	3515.5	9620.1	10754.3	10279.8
45°	49.7	58.7	72.3	99.4	153.6	162.7	266.6	3036.5	9837.0	10930.5	10194.0
47.5°	27.1	36.1	54.2	85.9	135.6	122.0	189.8	2607.2	10085.5	11088.6	10261.7
50°	9.0	13.6	31.6	90.4	108.4	94.9	149.1	2376.8	10329.5	11120.3	10397.3
52.5°	0.0	0.0	18.1	94.9	81.3	72.3	131.0	2286.4	10266.3	11219.7	10311.4
55°	0.0	0.0	4.5	40.7	45.2	54.2	108.4	2281.9	10713.6	11251.3	10781.4
57.5°	0.0	0.0	0.0	13.6	27.1	45.2	94.9	2137.3	10998.3	12037.6	11414.0
60°	0.0	0.0	0.0	4.5	18.1	31.6	72.3	2010.8	11287.5	12390.0	12091.8
62.5°	0.0	0.0	0.0	0.0	4.5	13.6	49.7	1816.5	10704.6	12362.9	12747.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	31.6	1436.9	9629.1	11716.7	12385.5
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	18.1	994.1	8431.7	10903.4	11721.3
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	601.0	6805.0	9561.4	9940.9
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	257.6	4857.5	7591.2	8156.1
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	103.9	3004.9	5548.8	6244.7
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.7	1947.5	4202.3	4740.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	1039.3	2634.3	3063.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	451.9	1599.6	1843.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.6	971.5	1107.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	149.1	198.8
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: P599332  
 CATALOG NUMBER: IFLD-L-SA7A-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4	6407.4
2.5°	6899.9	7030.9	7080.6	7003.8	7012.9	6854.7	6832.1	6610.7	6520.3	6538.4
5°	7216.2	7406.0	7509.9	7424.1	7229.8	6927.0	6651.4	6389.3	6226.6	6145.3
7.5°	7143.9	7356.3	7487.3	7568.7	7347.2	6859.2	6439.0	5946.5	5738.6	5743.1
10°	6746.3	7189.1	7455.7	7351.8	7247.8	6759.8	6109.1	5576.0	5390.7	5408.8
12.5°	6425.5	6918.0	7076.1	7157.5	6945.1	6556.5	6118.2	5508.2	5300.3	5173.8
15°	6226.6	6592.6	6601.7	6728.2	6642.3	6642.3	6213.1	5616.6	5435.9	5295.8
17.5°	6226.6	6308.0	6298.9	6344.1	6488.7	6660.4	6452.6	6054.9	5698.0	5675.4
20°	6366.7	6113.7	6054.9	6073.0	6195.0	6705.6	6981.2	6484.2	6258.3	6186.0
22.5°	6692.0	6136.3	5779.3	5716.0	6091.1	6701.1	7320.1	7162.0	6768.9	6710.1
25°	7139.4	6095.6	5707.0	5625.7	5910.3	6863.8	7785.5	7817.2	7460.2	7338.2
27.5°	7564.1	6276.3	5698.0	5679.9	6054.9	6827.6	8106.4	8341.3	7939.2	7839.8
30°	7708.7	6457.1	5865.1	5625.7	6109.1	6958.6	8097.3	8711.9	8449.8	8472.4
32.5°	7880.4	6637.8	5883.2	5788.3	6339.6	7171.0	8354.9	9308.3	9118.5	8851.9
35°	8133.5	6881.8	6054.9	5969.1	6502.3	7360.8	8409.1	9746.6	9715.0	9403.2
37.5°	8350.4	7121.3	6411.9	6425.5	6999.3	7668.1	8648.6	10284.3	10230.1	10017.7
40°	8504.0	7455.7	6967.7	7003.8	7433.1	8011.5	9073.4	10555.5	10957.6	10645.8
42.5°	8526.6	7753.9	7604.8	7894.0	8296.2	8544.7	9245.1	10740.7	11319.1	11115.8
45°	8612.5	8228.4	8644.1	8856.5	9186.3	9014.6	9236.0	11057.0	11346.2	11242.3
47.5°	8946.8	9091.4	9615.6	10261.7	10379.2	9814.4	9452.9	11106.7	11499.8	11486.3
50°	9294.8	10017.7	10754.3	11183.5	11332.7	10365.7	9656.2	11066.1	11703.2	11594.7
52.5°	9683.4	10822.0	11883.9	12412.6	12331.3	10975.7	9886.7	11395.9	12078.2	12042.1
55°	9927.4	11183.5	12611.4	13347.9	13284.7	11658.0	10618.7	11870.4	12570.7	12480.4
57.5°	10573.5	11771.0	13334.4	13677.8	13845.0	12552.7	11129.3	12647.6	12981.9	13081.3
60°	11106.7	12155.0	13524.2	14021.2	14080.0	13085.9	12024.0	13447.4	13506.1	13171.7
62.5°	11888.4	12304.2	13122.0	13569.4	13872.1	13388.6	12828.3	13876.6	13497.1	13474.5
65°	12462.3	11816.1	12371.9	12620.5	12814.8	12927.7	13637.1	14170.3	13329.9	12891.6
67.5°	12141.5	10894.3	10790.4	10804.0	10862.7	11545.0	13366.0	13451.9	12399.0	12037.6
70°	10686.5	8937.8	8797.7	8906.2	8612.5	9434.8	12268.0	12227.3	10939.5	10564.5
72.5°	8644.1	6515.8	6276.3	6425.5	6493.2	7365.3	10320.5	9272.2	7979.8	7686.1
75°	6868.3	4776.2	4030.6	4392.1	4622.5	5363.6	8061.2	6298.9	5571.4	5173.8
77.5°	5395.2	3614.9	3135.9	2991.3	3203.7	3899.6	5865.1	3307.6	2919.0	2733.8
80°	3420.6	2656.9	2882.9	2675.0	2765.4	2783.5	3054.6	1504.7	1197.4	1183.9
82.5°	2060.5	1816.5	2159.9	1188.4	2164.4	1934.0	1269.7	682.3	605.5	605.5
85°	1459.5	1125.1	745.6	483.5	962.5	1061.9	492.5	352.5	307.3	298.2
87.5°	732.0	347.9	167.2	108.4	122.0	198.8	58.7	27.1	27.1	22.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)