

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: P599160

Luminaire Tested: **IFLD-L-SA7C-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: P599160  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA7C-727-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (112) 2700K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

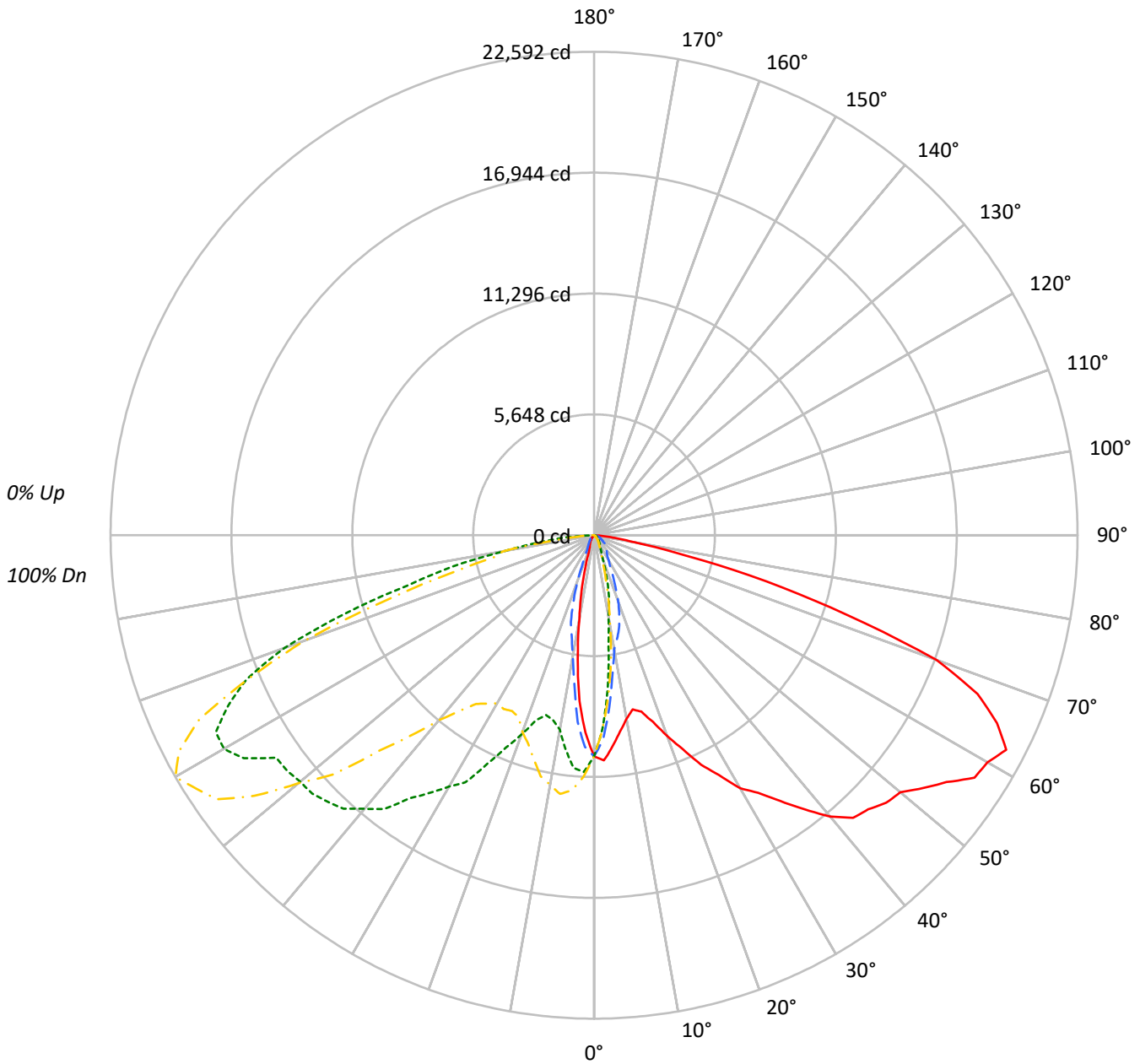
Lumens per Lamp: N/A  
 Luminaire Lumens: 27005.2 lumens  
 Efficiency: N/A  
 Efficacy: 73.2 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

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	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°	55564	55564	55564	55564
5°	53495	39098	42088	58962
10°	47627	21287	21565	50413
15°	47544	14199	8681	48437
20°	57086	7089	3461	56753
25°	70214	4453	2681	69868
30°	84837	3575	2036	84294
35°	99546	2870	1579	98541
40°	120514	2455	1023	117188
45°	137873	2216	554	134050
50°	156424	2133	122	150023
55°	188689	2049	0	170107
60°	228446	1724	0	214888
65°	264526	1391	0	240419
70°	267859	1146	0	242426
75°	173349	757	0	185915
80°	59120	226	0	131558
85°	29671	0	0	96665

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	782.1	2.9
10°-20°	1514.3	5.6
20°-30°	2109.1	7.8
30°-40°	2996.8	11.1
40°-50°	4155.7	15.4
50°-60°	5662.4	21.0
60°-70°	6225.4	23.1
70°-80°	3059.7	11.3
80°-90°	499.7	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°	4405.5	16.3
0°-40°	7402.3	27.4
0°-60°	17220.5	63.8
0°-90°	27005.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	27005.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	10324	10324	10324	10324	10324	
5°	9902	7237	7790	10914	9902	906
15°	8533	2548	1558	8693	8533	2526
25°	11824	750	451	11766	11824	5497
35°	15151	437	240	14998	15151	9617
45°	18114	291	73	17612	18114	14042
55°	20109	218	0	18129	20109	18090
65°	20772	109	0	18879	20772	20074
75°	8336	36	0	8941	8336	9088
85°	480	0	0	1565	480	665
90°	0	0	0	0	0	

TEST NUMBER: P599160  
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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1
2.5°	10535.2	10659.0	10542.5	10134.8	10062.0	9865.4	9566.9	9545.0	9231.9	9268.4	9100.9
5°	9901.8	10025.5	9778.0	9239.2	8736.9	8336.4	8096.2	7666.6	7571.9	7360.8	7360.8
7.5°	9253.8	9246.5	8824.2	8372.8	7622.9	6887.6	6552.6	5933.8	5569.7	5373.2	5183.9
10°	8715.0	8598.5	8336.4	7404.5	6589.0	5824.6	5409.6	5001.9	4623.3	4295.6	3968.0
12.5°	8336.4	8409.2	7994.2	6982.2	5926.5	5395.0	4950.9	4521.3	4069.9	3698.6	3334.6
15°	8533.0	8416.5	7928.7	6887.6	5817.3	5089.2	4499.5	3975.3	3472.9	2985.1	2708.4
17.5°	9144.6	8846.1	8270.9	6887.6	5591.6	4623.3	3909.7	3290.9	2752.1	2315.3	1973.1
20°	9967.3	9625.1	9006.2	7142.4	5424.1	4281.1	3305.4	2526.4	1965.8	1558.1	1296.0
22.5°	10811.9	10542.5	9610.5	7244.3	5227.6	3822.4	2606.5	1827.5	1310.5	1048.4	917.4
25°	11823.9	11445.3	10426.0	7652.0	4936.3	3378.3	2053.2	1274.1	975.6	837.3	757.2
27.5°	12632.0	12566.5	11190.5	7899.6	4717.9	3014.2	1623.6	1012.0	808.2	706.2	655.3
30°	13651.3	13294.6	12122.4	8394.7	4470.4	2599.2	1354.2	910.1	742.6	633.4	597.0
32.5°	14262.9	14095.5	12610.2	8671.3	4193.7	2257.0	1164.9	800.9	677.1	597.0	560.6
35°	15151.2	14816.3	13309.2	8846.1	4048.1	2060.4	1048.4	728.1	567.9	487.8	444.1
37.5°	16141.4	16017.6	14146.4	8838.8	3836.9	1944.0	968.3	677.1	538.8	451.4	400.4
40°	17153.4	16651.0	14656.1	9042.7	3727.7	1856.6	910.1	648.0	509.7	429.6	364.0
42.5°	17910.6	17335.4	15245.8	8969.8	3596.7	1703.7	888.2	604.3	487.8	393.2	334.9
45°	18114.4	17910.6	15777.3	8948.0	3502.0	1579.9	851.8	597.0	473.2	371.3	313.1
47.5°	18507.6	18369.3	16432.6	8984.4	3429.2	1485.3	764.5	611.6	451.4	349.5	298.5
50°	18682.3	18434.8	16964.1	9071.8	3261.8	1368.8	684.4	640.7	444.1	342.2	283.9
52.5°	19403.1	19184.7	17692.1	9319.3	3123.4	1215.9	604.3	611.6	458.7	320.4	269.4
55°	20109.3	19861.8	18813.4	9887.2	2926.8	1092.1	516.9	538.8	436.8	291.2	240.3
57.5°	21077.7	20670.0	19563.3	10120.2	2752.1	924.7	458.7	444.1	407.7	262.1	211.1
60°	21223.3	21390.7	19454.1	9974.6	2570.1	815.4	400.4	342.2	436.8	233.0	182.0
62.5°	21711.1	21012.2	18944.4	9639.7	2439.0	749.9	356.8	283.9	378.6	203.9	152.9
65°	20771.9	20255.0	17750.4	8562.1	2271.6	757.2	313.1	233.0	240.3	167.5	123.8
67.5°	19395.8	18988.1	15770.0	7389.9	2104.1	742.6	276.7	203.9	182.0	145.6	109.2
70°	17022.3	16141.4	13396.5	5999.3	1856.6	691.7	233.0	182.0	152.9	116.5	80.1
72.5°	12384.5	12027.7	9610.5	4637.8	1667.3	626.1	218.4	152.9	131.1	87.4	65.5
75°	8336.4	7746.7	6064.8	3043.3	1339.7	546.1	182.0	138.3	101.9	65.5	51.0
77.5°	4404.8	4164.6	3436.5	1448.9	742.6	254.8	101.9	80.1	58.2	51.0	29.1
80°	1907.5	1696.4	1485.3	589.7	262.1	116.5	65.5	43.7	36.4	29.1	14.6
82.5°	975.6	931.9	771.8	254.8	152.9	87.4	36.4	29.1	21.8	14.6	7.3
85°	480.5	495.1	407.7	80.1	87.4	51.0	7.3	7.3	0.0	0.0	0.0
87.5°	36.4	36.4	29.1	14.6	21.8	7.3	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°	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1
2.5°	9035.4	9137.3	8962.6	9071.8	9020.8	9042.7	9064.5	9006.2	9020.8	9224.7	9231.9
5°	7237.0	7433.6	7360.8	7462.7	7637.5	7550.1	7630.2	7615.6	7630.2	7659.3	7790.4
7.5°	5162.0	5103.8	5242.1	5511.5	5824.6	6013.9	5919.2	5868.3	5839.1	5766.3	5853.7
10°	3895.2	3866.1	3829.7	3909.7	4113.6	4324.7	4441.2	4244.7	4135.4	3997.1	3946.1
12.5°	3232.6	3050.6	2948.7	2824.9	2883.2	3072.5	3079.7	2890.4	2715.7	2642.9	2723.0
15°	2548.3	2424.5	2242.5	2067.7	1980.4	2126.0	2002.2	1820.2	1594.5	1565.4	1558.1
17.5°	1820.2	1747.4	1616.3	1543.5	1441.6	1405.2	1274.1	997.5	837.3	793.6	808.2
20°	1237.7	1179.5	1172.2	1106.7	1063.0	1033.9	822.7	640.7	589.7	597.0	604.3
22.5°	917.4	888.2	851.8	844.6	808.2	771.8	604.3	538.8	502.4	502.4	524.2
25°	749.9	735.4	698.9	684.4	669.8	618.9	509.7	458.7	444.1	429.6	451.4
27.5°	640.7	633.4	611.6	589.7	575.2	524.2	444.1	400.4	385.9	385.9	385.9
30°	575.2	575.2	546.1	502.4	502.4	444.1	378.6	349.5	334.9	334.9	327.6
32.5°	538.8	524.2	487.8	458.7	436.8	378.6	334.9	305.8	283.9	283.9	291.2
35°	436.8	436.8	429.6	407.7	378.6	320.4	283.9	254.8	240.3	233.0	240.3
37.5°	385.9	364.0	334.9	342.2	327.6	276.7	240.3	218.4	196.6	196.6	196.6
40°	349.5	327.6	298.5	276.7	269.4	247.5	211.1	174.7	152.9	145.6	145.6
42.5°	313.1	298.5	254.8	218.4	211.1	211.1	160.2	131.1	109.2	109.2	109.2
45°	291.2	269.4	233.0	189.3	152.9	160.2	131.1	94.6	80.1	72.8	72.8
47.5°	276.7	254.8	203.9	160.2	116.5	116.5	94.6	65.5	51.0	43.7	43.7
50°	254.8	233.0	182.0	131.1	87.4	72.8	58.2	36.4	21.8	14.6	14.6
52.5°	240.3	218.4	160.2	109.2	72.8	51.0	36.4	7.3	0.0	0.0	0.0
55°	218.4	189.3	138.3	87.4	58.2	29.1	7.3	0.0	0.0	0.0	0.0
57.5°	189.3	167.5	109.2	65.5	36.4	7.3	0.0	0.0	0.0	0.0	0.0
60°	160.2	138.3	87.4	51.0	14.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	131.1	116.5	65.5	29.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	109.2	87.4	51.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	94.6	72.8	36.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	72.8	51.0	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	51.0	36.4	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	36.4	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	21.8	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	7.3	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°	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1
2.5°	9261.1	9479.5	9683.4	9741.6	9901.8	10345.9	10345.9	10557.0	10935.6	11074.0	11103.1
5°	7812.2	8045.2	8088.9	8540.3	8751.4	9202.8	9501.3	10214.8	10644.4	10913.8	11081.3
7.5°	5941.1	6021.2	6188.6	6610.9	7025.9	7571.9	8139.8	9049.9	9807.1	10112.9	10680.8
10°	4084.5	4324.7	4688.8	5067.4	5715.4	6319.7	7055.0	7914.1	8846.1	9224.7	9712.5
12.5°	2752.1	3087.0	3669.5	4208.3	4805.3	5416.9	6115.8	7266.2	8321.9	8846.1	9333.9
15°	1609.0	2016.8	2519.1	3392.8	4186.4	4870.8	5569.7	6734.7	8016.1	8693.2	9290.2
17.5°	815.4	939.2	1354.2	2111.4	3159.8	4281.1	5322.2	6807.5	8249.1	9079.1	9574.1
20°	611.6	648.0	764.5	1121.2	2162.4	3538.4	5089.2	6916.7	8897.0	9909.1	10178.4
22.5°	531.5	560.6	611.6	728.1	1215.9	2708.4	4761.6	7186.1	9778.0	10731.8	11299.7
25°	451.4	480.5	524.2	597.0	779.0	1842.0	4361.1	7470.0	10564.3	11765.6	12297.1
27.5°	393.2	415.0	458.7	516.9	633.4	1172.2	3669.5	7848.6	11765.6	13017.9	13156.3
30°	334.9	356.8	393.2	458.7	538.8	830.0	2693.9	7899.6	12428.2	13564.0	13949.9
32.5°	291.2	298.5	342.2	400.4	451.4	655.3	1893.0	7950.5	12916.0	14270.2	14350.3
35°	240.3	254.8	298.5	334.9	393.2	516.9	1434.3	7695.7	13549.4	14998.3	14976.4
37.5°	196.6	218.4	247.5	276.7	320.4	436.8	1143.1	7222.5	14343.0	16126.8	15442.4
40°	152.9	174.7	203.9	240.3	269.4	393.2	859.1	6509.0	15173.0	16680.1	15952.1
42.5°	109.2	123.8	152.9	189.3	240.3	327.6	618.9	5664.4	15500.6	17328.1	16563.6
45°	80.1	94.6	116.5	160.2	247.5	262.1	429.6	4892.6	15850.1	17612.1	16425.3
47.5°	43.7	58.2	87.4	138.3	218.4	196.6	305.8	4201.0	16250.6	17866.9	16534.5
50°	14.6	21.8	51.0	145.6	174.7	152.9	240.3	3829.7	16643.7	17917.8	16752.9
52.5°	0.0	0.0	29.1	152.9	131.1	116.5	211.1	3684.0	16541.8	18078.0	16614.6
55°	0.0	0.0	7.3	65.5	72.8	87.4	174.7	3676.8	17262.6	18129.0	17371.8
57.5°	0.0	0.0	0.0	21.8	43.7	72.8	152.9	3443.8	17721.3	19395.8	18391.1
60°	0.0	0.0	0.0	7.3	29.1	51.0	116.5	3239.9	18187.2	19963.7	19483.2
62.5°	0.0	0.0	0.0	0.0	7.3	21.8	80.1	2926.8	17248.0	19920.0	20538.9
65°	0.0	0.0	0.0	0.0	0.0	0.0	51.0	2315.3	15515.2	18878.9	19956.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	29.1	1601.8	13585.8	17568.4	18886.2
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	968.3	10964.8	15406.0	16017.6
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	415.0	7826.8	12231.6	13141.7
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	167.5	4841.7	8940.7	10062.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.5	3138.0	6771.1	7637.5
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	1674.6	4244.7	4936.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	728.1	2577.4	2970.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	233.0	1565.4	1783.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	240.3	320.4
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: P599160  
 CATALOG NUMBER: IFLD-L-SA7C-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1	10324.1
2.5°	11117.7	11328.8	11408.9	11285.1	11299.7	11044.8	11008.4	10651.7	10506.1	10535.2
5°	11627.3	11933.1	12100.6	11962.2	11649.1	11161.3	10717.2	10294.9	10032.8	9901.8
7.5°	11510.8	11853.0	12064.1	12195.2	11838.4	11052.1	10375.0	9581.4	9246.5	9253.8
10°	10870.1	11583.6	12013.2	11845.7	11678.3	10892.0	9843.5	8984.4	8685.9	8715.0
12.5°	10353.2	11146.8	11401.6	11532.7	11190.5	10564.3	9858.1	8875.2	8540.3	8336.4
15°	10032.8	10622.6	10637.1	10841.0	10702.7	10702.7	10011.0	9049.9	8758.7	8533.0
17.5°	10032.8	10163.9	10149.3	10222.1	10455.1	10731.8	10396.9	9756.2	9181.0	9144.6
20°	10258.5	9850.8	9756.2	9785.3	9981.9	10804.6	11248.7	10447.8	10083.8	9967.3
22.5°	10782.7	9887.2	9312.0	9210.1	9814.4	10797.3	11794.8	11539.9	10906.5	10811.9
25°	11503.5	9821.7	9195.5	9064.5	9523.2	11059.4	12544.7	12595.6	12020.5	11823.9
27.5°	12187.9	10112.9	9181.0	9151.9	9756.2	11001.2	13061.6	13440.2	12792.2	12632.0
30°	12420.9	10404.1	9450.4	9064.5	9843.5	11212.3	13047.0	14037.2	13614.9	13651.3
32.5°	12697.6	10695.4	9479.5	9326.6	10214.8	11554.5	13462.0	14998.3	14692.5	14262.9
35°	13105.3	11088.5	9756.2	9617.8	10477.0	11860.3	13549.4	15704.5	15653.5	15151.2
37.5°	13454.8	11474.4	10331.3	10353.2	11277.8	12355.4	13935.3	16570.9	16483.5	16141.4
40°	13702.3	12013.2	11226.9	11285.1	11976.8	12908.7	14619.7	17007.8	17655.7	17153.4
42.5°	13738.7	12493.7	12253.4	12719.4	13367.4	13767.8	14896.3	17306.3	18238.2	17910.6
45°	13877.0	13258.2	13928.0	14270.2	14801.7	14525.0	14881.8	17815.9	18281.9	18114.4
47.5°	14415.8	14648.8	15493.4	16534.5	16723.8	15813.7	15231.3	17896.0	18529.4	18507.6
50°	14976.4	16141.4	17328.1	18019.8	18260.0	16702.0	15558.9	17830.5	18857.1	18682.3
52.5°	15602.6	17437.3	19148.3	20000.1	19869.1	17684.9	15930.2	18362.0	19461.4	19403.1
55°	15995.7	18019.8	20320.5	21507.2	21405.3	18784.3	17109.7	19126.4	20255.0	20109.3
57.5°	17036.9	18966.3	21485.4	22038.7	22308.1	20225.8	17932.4	20378.7	20917.5	21077.7
60°	17896.0	19585.1	21791.2	22592.1	22686.7	21085.0	19374.0	21667.4	21762.1	21223.3
62.5°	19155.6	19825.4	21143.2	21864.0	22351.8	21572.8	20670.0	22359.1	21747.5	21711.1
65°	20080.2	19039.1	19934.6	20335.0	20648.1	20830.1	21973.2	22832.3	21478.1	20771.9
67.5°	19563.3	17553.8	17386.4	17408.2	17502.8	18602.2	21536.4	21674.7	19978.3	19395.8
70°	17218.9	14401.3	14175.6	14350.3	13877.0	15202.1	19767.1	19701.6	17626.6	17022.3
72.5°	13928.0	10498.8	10112.9	10353.2	10462.4	11867.6	16629.2	14940.0	12857.7	12384.5
75°	11066.7	7695.7	6494.4	7076.9	7448.2	8642.2	12988.8	10149.3	8977.1	8336.4
77.5°	8693.2	5824.6	5052.8	4819.8	5162.0	6283.3	9450.4	5329.5	4703.3	4404.8
80°	5511.5	4281.1	4645.1	4310.2	4455.8	4484.9	4921.8	2424.5	1929.4	1907.5
82.5°	3320.0	2926.8	3480.2	1914.8	3487.5	3116.1	2045.9	1099.4	975.6	975.6
85°	2351.7	1812.9	1201.3	779.0	1550.8	1711.0	793.6	567.9	495.1	480.5
87.5°	1179.5	560.6	269.4	174.7	196.6	320.4	94.6	43.7	43.7	36.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)