

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: P598841

Luminaire Tested: **IFLD-L-SA7C-830-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598841  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA7C-830-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (112) 3000K CCT, 80 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

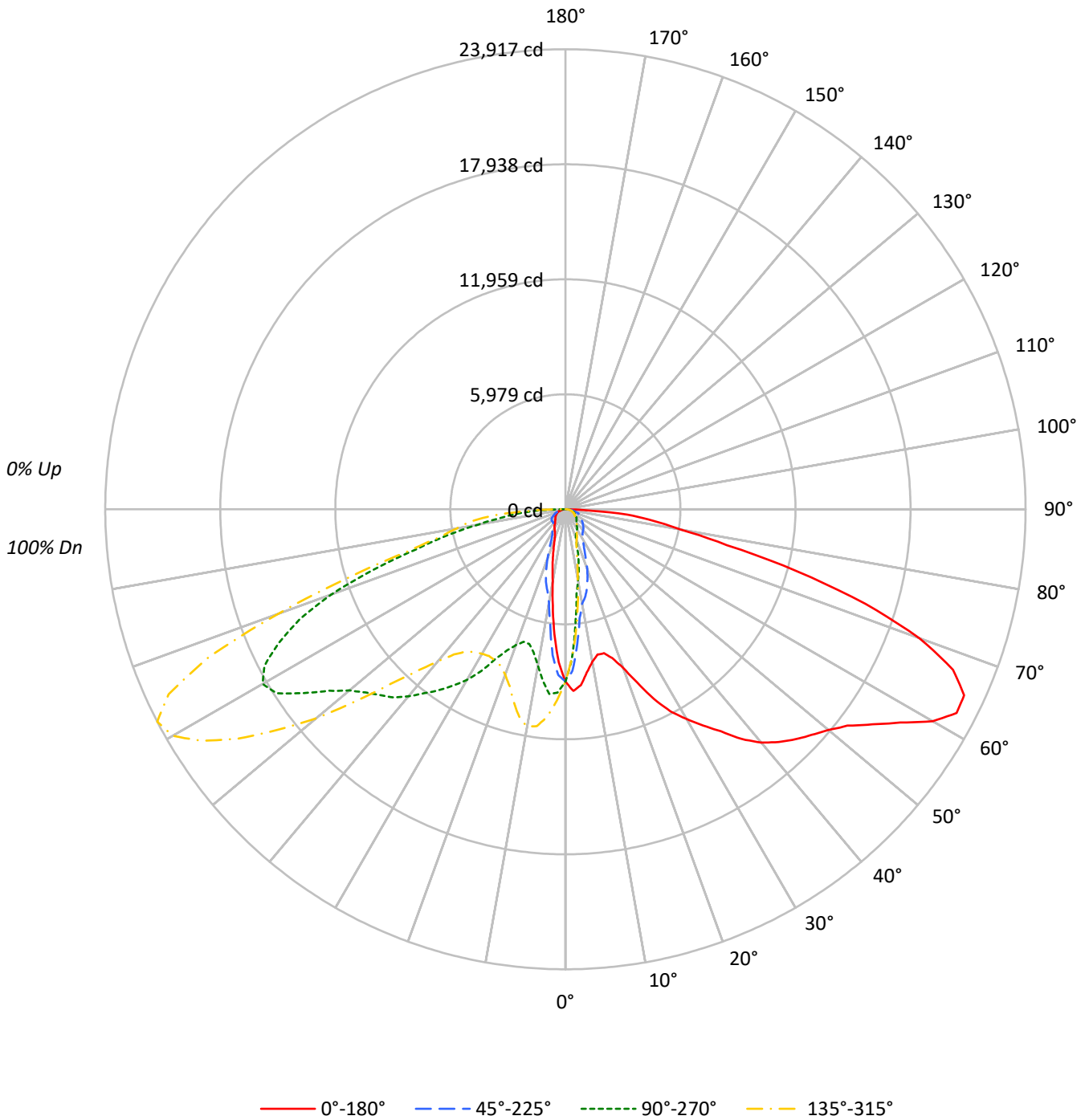
Lumens per Lamp: N/A  
 Luminaire Lumens: 29961.9 lumens  
 Efficiency: N/A  
 Efficacy: 81.2 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

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



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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°	48170	48170	48170	48170
5°	49572	32236	35215	52078
10°	43980	20483	20688	45008
15°	43164	14527	13759	40370
20°	50184	9190	9261	43004
25°	64538	7890	7667	50842
30°	78213	7479	7011	63645
35°	92571	6589	6342	75441
40°	111230	6253	5812	89125
45°	128706	6202	5629	103900
50°	149457	6297	5668	122693
55°	182899	6469	5763	156317
60°	237204	6477	6072	195511
65°	291172	6544	6226	209280
70°	308107	6903	6510	203761
75°	259359	7299	6517	166302
80°	188428	8548	6605	143748
85°	199709	12387	5416	149394

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	692.7	2.3
10°-20°	1449.7	4.8
20°-30°	2089.1	7.0
30°-40°	3007.5	10.0
40°-50°	4271.9	14.3
50°-60°	6141.8	20.5
60°-70°	7095.8	23.7
70°-80°	4017.8	13.4
80°-90°	1195.7	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°	4231.4	14.1
0°-40°	7238.9	24.2
0°-60°	17652.6	58.9
0°-90°	29961.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	29961.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	8950	8950	8950	8950	8950	
5°	9176	5967	6518	9640	9176	833
15°	7747	2607	2469	7245	7747	2278
25°	10868	1329	1291	8562	10868	5044
35°	14090	1003	965	11482	14090	8942
45°	16910	815	740	13651	16910	13094
55°	19492	689	614	16659	19492	17653
65°	22864	514	489	16434	22864	21925
75°	12473	351	313	7998	12473	13234
85°	3234	201	88	2419	3234	3221
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°	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2
2.5°	9451.6	9439.0	9363.8	9125.7	8875.0	8636.8	8411.1	8173.0	8047.6	7897.2	7834.5
5°	9175.8	9150.7	8937.6	8411.1	7947.3	7445.9	7019.7	6681.3	6405.5	6129.7	6029.5
7.5°	8549.0	8511.4	8260.7	7533.7	6856.8	6204.9	5691.0	5252.3	4888.7	4725.8	4537.8
10°	8047.6	7984.9	7659.0	6856.8	5979.3	5327.5	4989.0	4688.2	4374.8	4111.6	3835.8
12.5°	7734.2	7659.0	7320.6	6380.4	5528.0	5039.2	4688.2	4349.7	3961.1	3635.2	3334.4
15°	7746.8	7659.0	7245.4	6255.1	5415.2	4788.5	4299.6	3835.8	3384.5	3021.0	2682.5
17.5°	8110.3	7997.5	7558.8	6430.6	5327.5	4462.5	3810.7	3209.0	2695.1	2306.5	2030.7
20°	8762.1	8686.9	8185.5	6693.8	5239.7	4111.6	3309.3	2582.3	2043.2	1742.4	1629.6
22.5°	9739.9	9652.1	9113.1	7094.9	5214.7	3798.2	2770.3	2030.7	1642.1	1516.8	1454.1
25°	10868.1	10705.1	10203.7	7771.8	5264.8	3509.9	2331.6	1679.7	1466.6	1378.9	1341.3
27.5°	11845.8	11745.5	11181.4	8411.1	5289.9	3284.2	2030.7	1529.3	1366.3	1291.1	1266.1
30°	12585.4	12547.8	11996.2	9113.1	5227.2	3008.5	1842.7	1466.6	1366.3	1291.1	1215.9
32.5°	13325.0	13337.5	12748.3	9652.1	5139.4	2770.3	1667.2	1303.7	1203.4	1153.2	1165.8
35°	14089.6	14152.3	13650.9	10178.6	4951.4	2682.5	1541.8	1215.9	1128.2	1053.0	1015.4
37.5°	15054.8	15217.8	14728.9	10767.8	4763.4	2607.3	1479.2	1153.2	1065.5	1002.8	952.7
40°	15832.0	16132.9	15844.5	11319.3	4638.0	2519.6	1429.0	1090.6	1027.9	952.7	915.1
42.5°	16408.6	16759.6	16659.3	11745.5	4638.0	2431.8	1378.9	1053.0	1002.8	915.1	864.9
45°	16910.0	17273.6	17261.0	12184.3	4738.3	2381.7	1316.2	1053.0	977.7	890.0	839.9
47.5°	17361.3	17724.8	17850.2	12735.8	4901.3	2356.6	1241.0	1027.9	977.7	877.5	802.3
50°	17850.2	18251.3	18627.4	13613.3	5101.8	2293.9	1190.8	990.3	990.3	864.9	777.2
52.5°	18476.9	18928.2	19617.7	14703.8	5302.4	2181.1	1115.6	965.2	990.3	852.4	752.1
55°	19492.3	19868.4	20770.9	16007.5	5553.1	2043.2	1053.0	902.5	940.1	814.8	714.5
57.5°	20633.0	20958.9	21711.0	17010.3	5628.3	1867.8	965.2	839.9	902.5	777.2	664.4
60°	22037.0	22199.9	22199.9	17298.6	5377.6	1704.8	902.5	789.7	814.8	739.6	626.8
62.5°	22927.0	22927.0	22199.9	16772.2	4901.3	1566.9	852.4	739.6	714.5	689.4	589.2
65°	22864.3	22764.0	21686.0	15242.9	4349.7	1479.2	802.3	676.9	639.3	626.8	551.6
67.5°	21811.3	21635.8	20169.2	13086.8	3773.1	1441.6	752.1	614.2	589.2	564.1	501.4
70°	19580.0	19128.8	17323.7	10529.6	3209.0	1416.5	739.6	564.1	539.0	513.9	463.8
72.5°	16346.0	15769.3	13525.5	8097.8	2695.1	1328.7	702.0	501.4	488.9	463.8	413.7
75°	12472.6	11407.1	9439.0	6192.4	2093.4	1153.2	601.7	438.7	438.7	426.2	376.1
77.5°	8599.2	8047.6	6581.0	4575.4	1529.3	890.0	488.9	388.6	388.6	401.1	351.0
80°	6079.6	5565.6	4688.2	3284.2	965.2	601.7	376.1	325.9	363.5	388.6	325.9
82.5°	4650.6	4274.5	3484.8	2394.2	564.1	413.7	288.3	263.2	313.4	338.5	275.8
85°	3234.1	2782.8	1767.5	1604.5	325.9	250.7	213.1	213.1	275.8	338.5	250.7
87.5°	915.1	388.6	112.8	476.3	137.9	100.3	75.2	50.1	75.2	75.2	50.1
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°	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2
2.5°	7771.8	7696.6	7696.6	7671.6	7684.1	7696.6	7684.1	7771.8	7809.5	7859.6	7959.9
5°	5966.8	6067.1	5991.8	6067.1	6167.3	6317.8	6355.4	6468.2	6480.7	6568.5	6518.3
7.5°	4424.9	4412.4	4349.7	4437.5	4713.3	4926.3	5026.6	5089.3	5101.8	5101.8	5039.2
10°	3748.0	3635.2	3522.4	3459.7	3484.8	3710.4	3785.6	3823.2	3798.2	3835.8	3785.6
12.5°	3209.0	3108.7	2945.8	2833.0	2757.8	2820.4	2895.6	2933.2	2958.3	3021.0	3071.1
15°	2607.3	2507.0	2406.8	2344.1	2281.4	2231.3	2293.9	2331.6	2394.2	2444.4	2469.4
17.5°	1980.6	1930.4	1880.3	1917.9	1917.9	1892.8	1917.9	1930.4	1955.5	1993.1	1980.6
20°	1604.5	1592.0	1579.4	1642.1	1692.3	1692.3	1717.3	1679.7	1667.2	1629.6	1617.0
22.5°	1429.0	1429.0	1441.6	1491.7	1541.8	1566.9	1566.9	1504.2	1441.6	1416.5	1429.0
25°	1328.7	1328.7	1366.3	1378.9	1403.9	1403.9	1416.5	1353.8	1316.2	1278.6	1291.1
27.5°	1253.5	1253.5	1266.1	1266.1	1278.6	1278.6	1291.1	1266.1	1215.9	1203.4	1203.4
30°	1203.4	1203.4	1190.8	1190.8	1190.8	1190.8	1203.4	1165.8	1140.7	1128.2	1128.2
32.5°	1153.2	1140.7	1128.2	1128.2	1115.6	1115.6	1128.2	1090.6	1078.0	1078.0	1078.0
35°	1002.8	990.3	1002.8	1027.9	1027.9	1040.4	1040.4	1027.9	1002.8	977.7	965.2
37.5°	940.1	927.6	927.6	927.6	952.7	965.2	977.7	952.7	915.1	877.5	877.5
40°	890.0	890.0	877.5	877.5	877.5	902.5	927.6	890.0	839.9	827.3	827.3
42.5°	852.4	839.9	827.3	814.8	802.3	839.9	864.9	814.8	789.7	789.7	789.7
45°	814.8	802.3	789.7	777.2	764.6	777.2	802.3	752.1	739.6	739.6	739.6
47.5°	777.2	764.6	739.6	727.0	714.5	714.5	739.6	702.0	689.4	702.0	702.0
50°	752.1	727.0	702.0	689.4	676.9	676.9	676.9	664.4	664.4	664.4	676.9
52.5°	727.0	702.0	664.4	651.8	639.3	639.3	639.3	639.3	626.8	639.3	651.8
55°	689.4	664.4	639.3	626.8	614.2	601.7	614.2	601.7	601.7	614.2	614.2
57.5°	639.3	614.2	589.2	589.2	576.6	576.6	589.2	576.6	576.6	589.2	589.2
60°	601.7	576.6	551.6	551.6	539.0	551.6	564.1	551.6	551.6	551.6	564.1
62.5°	551.6	539.0	513.9	513.9	513.9	513.9	526.5	513.9	526.5	526.5	526.5
65°	513.9	488.9	476.3	476.3	476.3	476.3	501.4	476.3	488.9	488.9	488.9
67.5°	476.3	451.3	438.7	438.7	438.7	438.7	463.8	438.7	451.3	463.8	451.3
70°	438.7	413.7	401.1	401.1	401.1	401.1	413.7	401.1	401.1	413.7	413.7
72.5°	388.6	376.1	363.5	363.5	351.0	363.5	376.1	363.5	363.5	363.5	363.5
75°	351.0	338.5	338.5	325.9	325.9	325.9	338.5	313.4	313.4	313.4	313.4
77.5°	325.9	300.8	300.8	300.8	288.3	300.8	288.3	263.2	263.2	263.2	263.2
80°	275.8	250.7	263.2	263.2	250.7	250.7	238.2	213.1	213.1	213.1	213.1
82.5°	225.6	200.6	213.1	213.1	213.1	213.1	188.0	175.5	163.0	150.4	150.4
85°	200.6	163.0	188.0	188.0	175.5	175.5	125.4	125.4	100.3	100.3	87.7
87.5°	37.6	25.1	50.1	62.7	62.7	75.2	50.1	62.7	37.6	25.1	25.1
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°	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2
2.5°	7947.3	8085.2	8273.3	8411.1	8624.2	8787.2	9037.9	9251.0	9451.6	9539.3	9627.1
5°	6668.7	6756.5	7044.8	7270.4	7608.9	7972.4	8423.7	8912.6	9414.0	9639.6	9902.8
7.5°	4989.0	5152.0	5314.9	5640.9	6054.5	6643.7	7220.3	7947.3	8649.3	8987.8	9439.0
10°	3873.4	3998.7	4186.8	4525.2	4913.8	5402.7	6092.1	6957.1	7796.9	8235.7	8699.5
12.5°	3108.7	3284.2	3534.9	3885.9	4337.2	4838.6	5340.0	6142.3	7120.0	7621.4	8147.9
15°	2519.6	2657.5	2933.2	3372.0	3898.5	4412.4	4938.9	5603.3	6668.7	7245.4	7872.1
17.5°	2005.6	2105.9	2356.6	2795.4	3321.8	3898.5	4500.2	5340.0	6518.3	7220.3	7959.9
20°	1629.6	1704.8	1867.8	2193.7	2695.1	3321.8	4074.0	5089.3	6606.1	7508.6	8411.1
22.5°	1429.0	1454.1	1529.3	1704.8	2118.5	2782.8	3685.4	4876.2	6769.0	7934.8	9150.7
25°	1291.1	1316.2	1341.3	1454.1	1692.3	2319.0	3346.9	4750.9	7120.0	8561.6	10003.1
27.5°	1203.4	1228.5	1241.0	1291.1	1454.1	1980.6	3058.6	4675.6	7596.4	9476.6	11056.1
30°	1128.2	1128.2	1165.8	1241.0	1353.8	1742.4	2807.9	4500.2	8097.8	10241.3	11883.4
32.5°	1065.5	1078.0	1128.2	1165.8	1241.0	1541.8	2557.2	4274.5	8549.0	10868.1	12698.2
35°	952.7	952.7	965.2	1027.9	1128.2	1378.9	2331.6	4048.9	8799.7	11482.3	13425.2
37.5°	877.5	890.0	915.1	965.2	1053.0	1266.1	2143.5	3798.2	9063.0	12058.9	14277.6
40°	827.3	839.9	864.9	915.1	1002.8	1165.8	1980.6	3597.6	9338.8	12685.7	15192.7
42.5°	789.7	802.3	827.3	877.5	952.7	1140.7	1805.1	3434.7	9501.7	13262.3	16057.6
45°	752.1	764.6	802.3	852.4	915.1	1115.6	1704.8	3321.8	9564.4	13650.9	16747.1
47.5°	714.5	727.0	764.6	839.9	915.1	1078.0	1667.2	3259.2	9614.5	14089.6	17298.6
50°	676.9	702.0	752.1	827.3	927.6	1027.9	1642.1	3246.6	9902.8	14653.7	17825.1
52.5°	651.8	689.4	739.6	827.3	915.1	952.7	1629.6	3284.2	10479.5	15493.6	18577.2
55°	626.8	664.4	714.5	827.3	877.5	890.0	1566.9	3346.9	11356.9	16659.3	19642.7
57.5°	601.7	626.8	689.4	802.3	827.3	839.9	1441.6	3434.7	12234.4	17800.0	20733.3
60°	564.1	589.2	651.8	802.3	752.1	789.7	1278.6	3459.7	12861.2	18163.6	20833.6
62.5°	526.5	551.6	614.2	827.3	689.4	739.6	1140.7	3372.0	12986.5	17637.1	20269.5
65°	488.9	513.9	564.1	689.4	639.3	689.4	1053.0	3133.8	12572.8	16433.7	19241.6
67.5°	451.3	476.3	513.9	564.1	576.6	626.8	1015.4	2757.8	11532.4	14942.0	17837.6
70°	401.1	426.2	463.8	501.4	513.9	589.2	952.7	2394.2	9852.7	12948.9	16120.3
72.5°	363.5	376.1	413.7	438.7	463.8	539.0	915.1	2093.4	7533.7	10479.5	13149.5
75°	313.4	313.4	351.0	376.1	401.1	476.3	839.9	1742.4	5314.9	7997.5	9664.7
77.5°	263.2	263.2	288.3	313.4	338.5	413.7	714.5	1416.5	3685.4	6342.8	7007.2
80°	200.6	200.6	225.6	250.7	275.8	351.0	576.6	1040.4	2281.4	4638.0	5101.8
82.5°	137.9	137.9	175.5	188.0	200.6	275.8	438.7	714.5	1341.3	3346.9	3647.8
85°	75.2	75.2	100.3	112.8	137.9	200.6	325.9	501.4	802.3	2419.3	2431.8
87.5°	12.5	12.5	37.6	37.6	62.7	100.3	188.0	275.8	451.3	1341.3	852.4
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: P598841  
 CATALOG NUMBER: IFLD-L-SA7C-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2	8950.2
2.5°	9790.0	9927.9	9940.4	9940.4	9877.8	9890.3	9714.8	9526.8	9464.1	9451.6
5°	10304.0	10667.5	10767.8	10817.9	10655.0	10404.3	9953.0	9464.1	9213.4	9175.8
7.5°	10203.7	10930.7	11319.3	11369.5	11043.5	10454.4	9664.7	8912.6	8624.2	8549.0
10°	9614.5	10592.3	11294.3	11469.7	11118.8	10366.6	9338.8	8461.3	8110.3	8047.6
12.5°	9200.9	10141.0	10830.4	11068.6	10905.7	10253.8	9175.8	8173.0	7822.0	7734.2
15°	8975.2	9840.2	10291.4	10366.6	10354.1	10078.3	9175.8	8235.7	7847.1	7746.8
17.5°	9163.3	9752.4	9815.1	9639.6	9739.9	9877.8	9376.4	8574.1	8198.0	8110.3
20°	9539.3	9714.8	9414.0	9150.7	9200.9	9639.6	9689.7	9213.4	8912.6	8762.1
22.5°	10329.0	9852.7	9163.3	8799.7	8837.3	9451.6	10103.4	10078.3	9815.1	9739.9
25°	11131.3	10241.3	9088.1	8661.9	8712.0	9414.0	10592.3	11043.5	10905.7	10868.1
27.5°	12021.3	10893.1	9138.2	8599.2	8661.9	9464.1	10930.7	11858.3	11883.4	11845.8
30°	12623.0	11206.5	9288.6	8674.4	8762.1	9589.5	11005.9	12347.2	12572.8	12585.4
32.5°	13124.4	11519.9	9602.0	8799.7	8950.2	9815.1	11206.5	12811.0	13312.4	13325.0
35°	13525.5	11870.9	9990.6	9025.4	9251.0	10191.2	11469.7	13249.8	14001.9	14089.6
37.5°	14039.5	12259.5	10441.9	9514.2	9765.0	10730.2	11933.5	13763.7	14816.7	15054.8
40°	14591.0	12648.1	11093.7	10304.0	10667.5	11532.4	12460.0	14340.3	15506.1	15832.0
42.5°	15205.2	13061.7	11833.3	11369.5	11921.0	12547.8	13061.7	14866.8	16032.6	16408.6
45°	15806.9	13563.1	12911.3	12823.6	13437.8	13751.2	13650.9	15242.9	16534.0	16910.0
47.5°	16233.1	14290.2	14215.0	14741.4	15318.1	15155.1	14340.3	15518.6	16947.6	17361.3
50°	16621.7	15192.7	15857.1	16885.0	17236.0	16684.4	15079.9	15894.7	17386.4	17850.2
52.5°	17198.4	16157.9	17549.3	18827.9	19166.4	18288.9	15882.2	16508.9	18063.3	18476.9
55°	18376.7	17248.5	19316.8	20783.4	20846.1	19755.5	16960.2	17549.3	19016.0	19492.3
57.5°	19692.9	18589.8	20720.8	22400.5	22375.4	21222.2	18176.1	18953.3	20307.1	20633.0
60°	20883.7	19943.6	22250.1	23553.7	23491.0	22287.7	19592.6	20545.3	21786.2	22037.0
62.5°	21585.7	21172.0	22927.0	23917.2	23679.1	22638.6	20796.0	21961.7	22839.2	22927.0
65°	21472.9	21874.0	22137.2	22751.5	22413.0	21660.9	21385.1	22864.3	22952.0	22864.3
67.5°	20620.5	21472.9	19968.6	20031.3	19855.8	19216.5	20470.0	22626.1	22024.4	21811.3
70°	19329.3	19392.0	16696.9	15907.2	16183.0	15305.5	17561.9	20770.9	19843.3	19580.0
72.5°	17185.8	16408.6	12623.0	11820.7	12234.4	11607.6	14089.6	18100.9	17198.4	16346.0
75°	14415.5	12999.0	9614.5	8473.8	8686.9	8661.9	10918.2	14954.5	13325.0	12472.6
77.5°	11168.9	10128.5	7094.9	6656.2	6430.6	6480.7	7621.4	11118.8	9664.7	8599.2
80°	8160.4	7082.4	5490.4	5741.1	5615.8	5314.9	5340.0	7445.9	6718.9	6079.6
82.5°	5640.9	5039.2	4450.0	5026.6	4725.8	4262.0	4161.7	5365.1	5039.2	4650.6
85°	3785.6	4149.2	3534.9	3848.3	3334.4	3071.1	3911.0	4487.6	3622.7	3234.1
87.5°	2469.4	3798.2	2544.7	1930.4	1103.1	1479.2	2394.2	2945.8	1692.3	915.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)