

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: P599195

Luminaire Tested: **IFLD-L-SA8D-730-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: P599195  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA8D-730-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (128) 3000K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

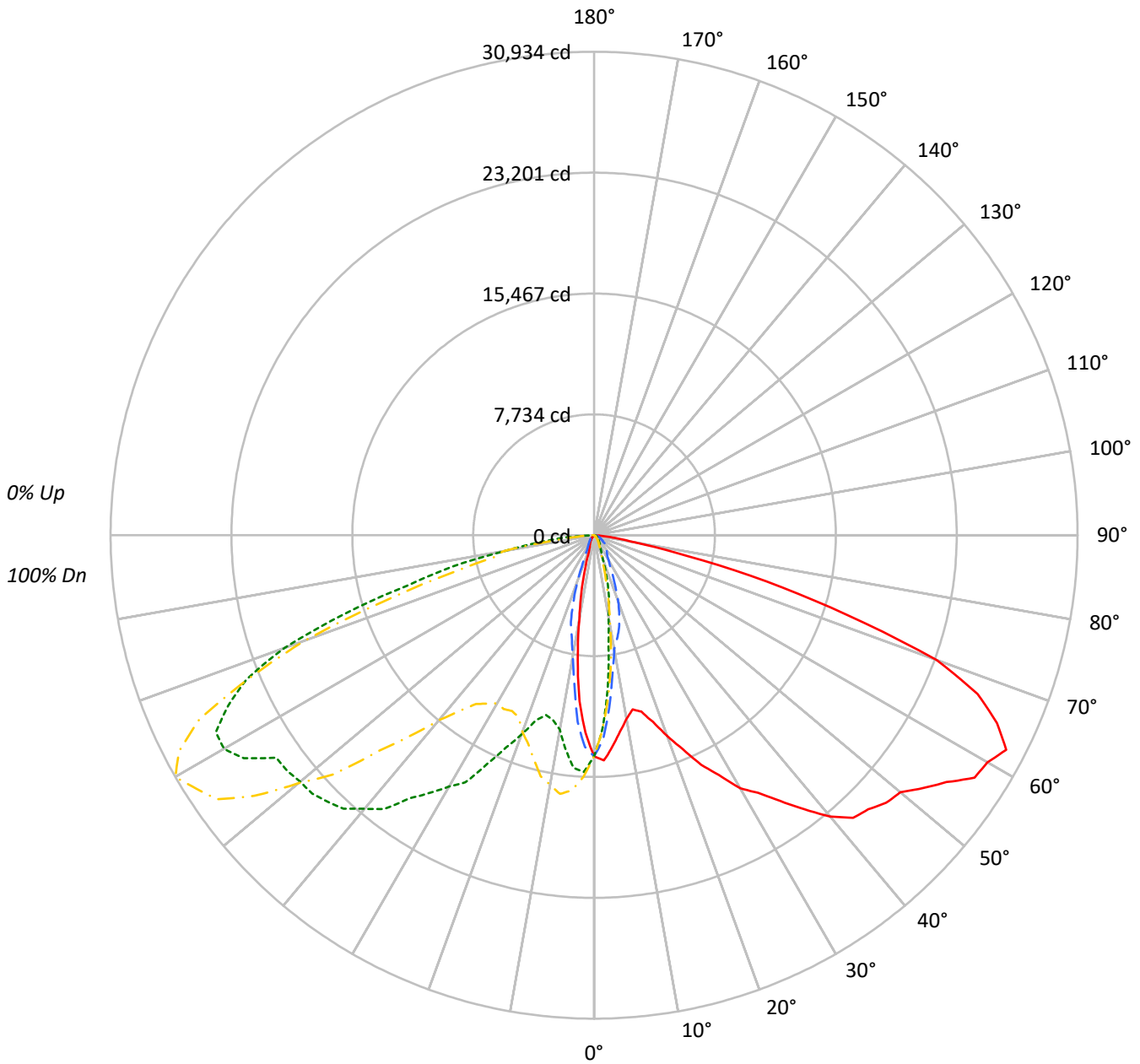
Lumens per Lamp: N/A  
 Luminaire Lumens: 36977.1 lumens  
 Efficiency: N/A  
 Efficacy: 75.7 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 488.3  
 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				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	100	100	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79	79	79	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62	62	62	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49	49	49	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40	40	40	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33	33	33	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27	27	27	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24	24	24	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20	20	20	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16	16	16	16

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

	0°	90°	180°	270°
0°	76081	76081	76081	76081
5°	73248	53536	57629	80734
10°	65214	29147	29529	69028
15°	65100	19441	11887	66322
20°	78166	9707	4739	77709
25°	96142	6097	3670	95668
30°	116164	4895	2788	115420
35°	136304	3930	2162	134928
40°	165014	3362	1401	160462
45°	188785	3035	759	183549
50°	214186	2921	167	205421
55°	258364	2807	0	232921
60°	312802	2361	0	294237
65°	362204	1904	0	329196
70°	366770	1569	0	331943
75°	237361	1036	0	254568
80°	80952	310	0	180134
85°	40632	0	0	132357

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1070.8	2.9
10°-20°	2073.5	5.6
20°-30°	2887.9	7.8
30°-40°	4103.4	11.1
40°-50°	5690.3	15.4
50°-60°	7753.3	21.0
60°-70°	8524.2	23.1
70°-80°	4189.6	11.3
80°-90°	684.1	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°	6032.3	16.3
0°-40°	10135.7	27.4
0°-60°	23579.3	63.8
0°-90°	36977.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	36977.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	14136	14136	14136	14136	14136	
5°	13558	9909	10667	14944	13558	1241
15°	11684	3489	2133	11903	11684	3458
25°	16190	1027	618	16110	16190	7527
35°	20746	598	329	20536	20746	13169
45°	24803	399	100	24116	24803	19227
55°	27535	299	0	24823	27535	24769
65°	28442	150	0	25850	28442	27486
75°	11415	50	0	12242	11415	12444
85°	658	0	0	2143	658	910
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°	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3
2.5°	14425.4	14594.9	14435.4	13877.1	13777.4	13508.3	13099.5	13069.6	12640.9	12690.8	12461.5
5°	13558.1	13727.6	13388.6	12650.9	11963.0	11414.7	11085.7	10497.6	10368.0	10078.9	10078.9
7.5°	12670.8	12660.9	12082.7	11464.6	10437.7	9430.9	8972.3	8124.9	7626.4	7357.3	7098.1
10°	11933.1	11773.6	11414.7	10138.7	9022.1	7975.4	7407.1	6848.8	6330.4	5881.8	5433.2
12.5°	11414.7	11514.4	10946.2	9560.5	8114.9	7387.2	6779.1	6190.9	5572.8	5064.4	4565.9
15°	11683.9	11524.4	10856.5	9430.9	7965.4	6968.5	6161.0	5443.2	4755.3	4087.4	3708.5
17.5°	12521.3	12112.6	11325.0	9430.9	7656.3	6330.4	5353.5	4506.1	3768.4	3170.2	2701.7
20°	13647.8	13179.3	12331.9	9779.8	7427.1	5861.9	4526.0	3459.3	2691.7	2133.4	1774.5
22.5°	14804.3	14435.4	13159.3	9919.4	7157.9	5233.8	3569.0	2502.3	1794.5	1435.6	1256.1
25°	16190.0	15671.6	14275.9	10477.6	6759.1	4625.7	2811.3	1744.6	1335.9	1146.5	1036.8
27.5°	17296.6	17206.8	15322.7	10816.6	6460.0	4127.2	2223.1	1385.7	1106.6	967.0	897.2
30°	18692.2	18203.8	16598.7	11494.5	6121.1	3559.0	1854.3	1246.1	1016.9	867.3	817.5
32.5°	19529.7	19300.4	17266.6	11873.3	5742.3	3090.5	1595.1	1096.6	927.1	817.5	767.6
35°	20745.9	20287.3	18223.7	12112.6	5542.9	2821.3	1435.6	996.9	777.6	667.9	608.1
37.5°	22101.7	21932.2	19370.1	12102.6	5253.8	2661.8	1325.9	927.1	737.7	618.1	548.3
40°	23487.4	22799.6	20068.0	12381.7	5104.2	2542.1	1246.1	887.3	697.8	588.2	498.5
42.5°	24524.2	23736.7	20875.5	12282.1	4924.8	2332.8	1216.2	827.4	667.9	538.3	458.6
45°	24803.4	24524.2	21603.2	12252.1	4795.2	2163.3	1166.4	817.5	648.0	508.4	428.7
47.5°	25341.7	25152.3	22500.5	12302.0	4695.5	2033.7	1046.8	837.4	618.1	478.5	408.7
50°	25581.0	25242.0	23228.2	12421.6	4466.2	1874.2	937.1	877.3	608.1	468.6	388.8
52.5°	26567.9	26268.8	24225.1	12760.6	4276.8	1664.9	827.4	837.4	628.1	438.6	368.9
55°	27534.9	27196.0	25760.4	13538.2	4007.6	1495.4	707.8	737.7	598.2	398.8	329.0
57.5°	28860.8	28302.6	26787.2	13857.2	3768.4	1266.1	628.1	608.1	558.3	358.9	289.1
60°	29060.2	29289.5	26637.7	13657.8	3519.1	1116.6	548.3	468.6	598.2	319.0	249.2
62.5°	29728.1	28771.1	25939.9	13199.2	3339.7	1026.8	488.5	388.8	518.4	279.1	209.4
65°	28442.1	27734.3	24304.9	11723.8	3110.4	1036.8	428.7	319.0	329.0	229.3	169.5
67.5°	26557.9	25999.7	21593.3	10118.7	2881.1	1016.9	378.8	279.1	249.2	199.4	149.5
70°	23308.0	22101.7	18343.3	8214.6	2542.1	947.1	319.0	249.2	209.4	159.5	109.7
72.5°	16957.6	16469.1	13159.3	6350.4	2282.9	857.4	299.1	209.4	179.4	119.6	89.7
75°	11414.7	10607.2	8304.3	4167.1	1834.3	747.7	249.2	189.4	139.6	89.7	69.8
77.5°	6031.4	5702.4	4705.5	1983.9	1016.9	348.9	139.6	109.7	79.8	69.8	39.9
80°	2611.9	2322.8	2033.7	807.5	358.9	159.5	89.7	59.8	49.8	39.9	19.9
82.5°	1335.9	1276.1	1056.7	348.9	209.4	119.6	49.8	39.9	29.9	19.9	10.0
85°	658.0	677.9	558.3	109.7	119.6	69.8	10.0	10.0	0.0	0.0	0.0
87.5°	49.8	49.8	39.9	19.9	29.9	10.0	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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3
2.5°	12371.8	12511.3	12272.1	12421.6	12351.8	12381.7	12411.7	12331.9	12351.8	12631.0	12640.9
5°	9909.4	10178.6	10078.9	10218.4	10457.7	10338.1	10447.7	10427.8	10447.7	10487.6	10667.0
7.5°	7068.2	6988.4	7177.8	7546.7	7975.4	8234.6	8105.0	8035.2	7995.3	7895.6	8015.2
10°	5333.5	5293.6	5243.8	5353.5	5632.6	5921.7	6081.2	5812.0	5662.5	5473.1	5403.3
12.5°	4426.3	4177.1	4037.5	3868.0	3947.8	4207.0	4217.0	3957.8	3718.5	3618.8	3728.5
15°	3489.2	3319.7	3070.5	2831.3	2711.6	2911.0	2741.5	2492.3	2183.3	2143.4	2133.4
17.5°	2492.3	2392.6	2213.2	2113.5	1973.9	1924.1	1744.6	1365.8	1146.5	1086.6	1106.6
20°	1694.8	1615.0	1605.0	1515.3	1455.5	1415.6	1126.5	877.3	807.5	817.5	827.4
22.5°	1256.1	1216.2	1166.4	1156.4	1106.6	1056.7	827.4	737.7	687.9	687.9	717.8
25°	1026.8	1006.9	957.0	937.1	917.2	847.4	697.8	628.1	608.1	588.2	618.1
27.5°	877.3	867.3	837.4	807.5	787.6	717.8	608.1	548.3	528.4	528.4	528.4
30°	787.6	787.6	747.7	687.9	687.9	608.1	518.4	478.5	458.6	458.6	448.6
32.5°	737.7	717.8	667.9	628.1	598.2	518.4	458.6	418.7	388.8	388.8	398.8
35°	598.2	598.2	588.2	558.3	518.4	438.6	388.8	348.9	329.0	319.0	329.0
37.5°	528.4	498.5	458.6	468.6	448.6	378.8	329.0	299.1	269.2	269.2	269.2
40°	478.5	448.6	408.7	378.8	368.9	339.0	289.1	239.3	209.4	199.4	199.4
42.5°	428.7	408.7	348.9	299.1	289.1	289.1	219.3	179.4	149.5	149.5	149.5
45°	398.8	368.9	319.0	259.2	209.4	219.3	179.4	129.6	109.7	99.7	99.7
47.5°	378.8	348.9	279.1	219.3	159.5	159.5	129.6	89.7	69.8	59.8	59.8
50°	348.9	319.0	249.2	179.4	119.6	99.7	79.8	49.8	29.9	19.9	19.9
52.5°	329.0	299.1	219.3	149.5	99.7	69.8	49.8	10.0	0.0	0.0	0.0
55°	299.1	259.2	189.4	119.6	79.8	39.9	10.0	0.0	0.0	0.0	0.0
57.5°	259.2	229.3	149.5	89.7	49.8	10.0	0.0	0.0	0.0	0.0	0.0
60°	219.3	189.4	119.6	69.8	19.9	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	179.4	159.5	89.7	39.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	149.5	119.6	69.8	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	129.6	99.7	49.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	99.7	69.8	29.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	69.8	49.8	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	49.8	29.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	29.9	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	10.0	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°	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3
2.5°	12680.8	12979.9	13259.0	13338.8	13558.1	14166.2	14166.2	14455.3	14973.7	15163.1	15203.0
5°	10696.9	11016.0	11075.8	11693.9	11983.0	12601.1	13009.8	13986.8	14575.0	14943.8	15173.1
7.5°	8134.9	8244.5	8473.8	9052.0	9620.3	10368.0	11145.6	12391.7	13428.5	13847.2	14624.8
10°	5592.7	5921.7	6420.2	6938.6	7825.8	8653.3	9660.2	10836.5	12112.6	12631.0	13298.9
12.5°	3768.4	4226.9	5024.5	5762.2	6579.7	7417.1	8374.1	9949.3	11394.8	12112.6	12780.5
15°	2203.2	2761.5	3449.3	4645.6	5732.3	6669.4	7626.4	9221.5	10976.1	11903.2	12720.7
17.5°	1116.6	1286.0	1854.3	2891.1	4326.6	5861.9	7287.5	9321.2	11295.1	12431.6	13109.5
20°	837.4	887.3	1046.8	1535.3	2960.9	4845.0	6968.5	9470.7	12182.4	13568.1	13936.9
22.5°	727.8	767.6	837.4	996.9	1664.9	3708.5	6519.9	9839.6	13388.6	14694.6	15472.2
25°	618.1	658.0	717.8	817.5	1066.7	2522.2	5971.5	10228.4	14465.3	16110.2	16838.0
27.5°	538.3	568.2	628.1	707.8	867.3	1605.0	5024.5	10746.8	16110.2	17824.9	18014.3
30°	458.6	488.5	538.3	628.1	737.7	1136.5	3688.6	10816.6	17017.4	18572.6	19101.0
32.5°	398.8	408.7	468.6	548.3	618.1	897.2	2592.0	10886.4	17685.4	19539.6	19649.3
35°	329.0	348.9	408.7	458.6	538.3	707.8	1963.9	10537.4	18552.7	20536.5	20506.6
37.5°	269.2	299.1	339.0	378.8	438.6	598.2	1565.2	9889.4	19639.3	22081.8	21144.7
40°	209.4	239.3	279.1	329.0	368.9	538.3	1176.4	8912.5	20775.8	22839.4	21842.5
42.5°	149.5	169.5	209.4	259.2	329.0	448.6	847.4	7756.0	21224.4	23726.7	22679.9
45°	109.7	129.6	159.5	219.3	339.0	358.9	588.2	6699.3	21702.9	24115.5	22490.5
47.5°	59.8	79.8	119.6	189.4	299.1	269.2	418.7	5752.2	22251.2	24464.4	22640.0
50°	19.9	29.9	69.8	199.4	239.3	209.4	329.0	5243.8	22789.6	24534.2	22939.1
52.5°	0.0	0.0	39.9	209.4	179.4	159.5	289.1	5044.4	22650.0	24753.5	22749.7
55°	0.0	0.0	10.0	89.7	99.7	119.6	239.3	5034.4	23637.0	24823.3	23786.5
57.5°	0.0	0.0	0.0	29.9	59.8	99.7	209.4	4715.4	24265.0	26557.9	25182.2
60°	0.0	0.0	0.0	10.0	39.9	69.8	159.5	4436.3	24903.1	27335.5	26677.6
62.5°	0.0	0.0	0.0	0.0	10.0	29.9	109.7	4007.6	23617.0	27275.7	28123.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	69.8	3170.2	21244.4	25850.1	27325.6
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	39.9	2193.2	18602.5	24055.7	25860.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1325.9	15013.6	21094.8	21932.2
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	568.2	10716.9	16748.3	17994.4
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	229.3	6629.5	12242.2	13777.4
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.7	4296.7	9271.4	10457.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.9	2292.9	5812.0	6759.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	996.9	3529.1	4067.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	319.0	2143.4	2442.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	329.0	438.6
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: P599195  
 CATALOG NUMBER: IFLD-L-SA8D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3	14136.3
2.5°	15223.0	15512.1	15621.7	15452.3	15472.2	15123.3	15073.4	14584.9	14385.6	14425.4
5°	15920.8	16339.5	16568.8	16379.4	15950.7	15282.8	14674.7	14096.4	13737.6	13558.1
7.5°	15761.3	16229.9	16519.0	16698.4	16209.9	15133.2	14206.1	13119.5	12660.9	12670.8
10°	14884.0	15861.0	16449.2	16219.9	15990.6	14913.9	13478.4	12302.0	11893.3	11933.1
12.5°	14176.2	15262.8	15611.8	15791.2	15322.7	14465.3	13498.3	12152.5	11693.9	11414.7
15°	13737.6	14545.1	14565.0	14844.1	14654.7	14654.7	13707.6	12391.7	11992.9	11683.9
17.5°	13737.6	13917.0	13897.1	13996.8	14315.8	14694.6	14236.0	13358.7	12571.2	12521.3
20°	14046.6	13488.3	13358.7	13398.6	13667.8	14794.3	15402.4	14305.8	13807.3	13647.8
22.5°	14764.4	13538.2	12750.6	12611.0	13438.5	14784.3	16150.1	15801.2	14933.9	14804.3
25°	15751.3	13448.4	12591.1	12411.7	13039.7	15143.2	17176.9	17246.7	16459.1	16190.0
27.5°	16688.4	13847.2	12571.2	12531.3	13358.7	15063.5	17884.7	18403.1	17515.9	17296.6
30°	17007.5	14246.0	12940.0	12411.7	13478.4	15352.6	17864.8	19220.6	18642.4	18692.2
32.5°	17386.3	14644.8	12979.9	12770.5	13986.8	15821.1	18433.0	20536.5	20117.8	19529.7
35°	17944.6	15183.1	13358.7	13169.3	14345.7	16239.8	18552.7	21503.6	21433.8	20745.9
37.5°	18423.1	15711.5	14146.3	14176.2	15442.3	16917.7	19081.0	22689.9	22570.3	22101.7
40°	18762.0	16449.2	15372.5	15452.3	16399.3	17675.4	20018.1	23288.0	24175.3	23487.4
42.5°	18811.9	17107.1	16778.2	17416.2	18303.4	18851.8	20397.0	23696.8	24972.8	24524.2
45°	19001.3	18153.9	19071.1	19539.6	20267.4	19888.5	20377.0	24394.6	25032.7	24803.4
47.5°	19739.0	20058.0	21214.5	22640.0	22899.2	21653.1	20855.6	24504.3	25371.6	25341.7
50°	20506.6	22101.7	23726.7	24673.8	25002.7	22869.3	21304.2	24414.6	25820.2	25581.0
52.5°	21364.0	23876.2	26219.0	27385.4	27205.9	24215.2	21812.6	25142.3	26647.7	26567.9
55°	21902.3	24673.8	27824.0	29449.0	29309.4	25720.5	23427.6	26189.1	27734.3	27534.9
57.5°	23327.9	25969.8	29419.1	30176.8	30545.6	27694.4	24554.1	27903.8	28641.5	28860.8
60°	24504.3	26817.1	29837.8	30934.4	31064.0	28870.8	26528.0	29668.3	29797.9	29060.2
62.5°	26229.0	27146.1	28950.5	29937.5	30605.4	29538.7	28302.6	30615.4	29778.0	29728.1
65°	27495.0	26069.5	27295.7	27844.0	28272.6	28521.9	30087.0	31263.4	29409.1	28442.1
67.5°	26787.2	24035.7	23806.4	23836.4	23965.9	25471.3	29488.9	29678.3	27355.5	26557.9
70°	23577.2	19719.1	19410.0	19649.3	19001.3	20815.7	27066.4	26976.6	24135.4	23308.0
72.5°	19071.1	14375.6	13847.2	14176.2	14325.7	16249.8	22769.6	20456.8	17605.6	16957.6
75°	15153.2	10537.4	8892.5	9690.1	10198.5	11833.4	17785.0	13897.1	12292.0	11414.7
77.5°	11903.2	7975.4	6918.6	6599.6	7068.2	8603.4	12940.0	7297.5	6440.1	6031.4
80°	7546.7	5861.9	6360.3	5901.8	6101.1	6141.0	6739.2	3319.7	2641.8	2611.9
82.5°	4546.0	4007.6	4765.3	2621.9	4775.2	4266.8	2801.3	1505.3	1335.9	1335.9
85°	3220.1	2482.3	1644.9	1066.7	2123.4	2342.8	1086.6	777.6	677.9	658.0
87.5°	1615.0	767.6	368.9	239.3	269.2	438.6	129.6	59.8	59.8	49.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)