

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: P599188

Luminaire Tested: **IFLD-L-SA7B-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: P599188  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA7B-730-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (112) 3000K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

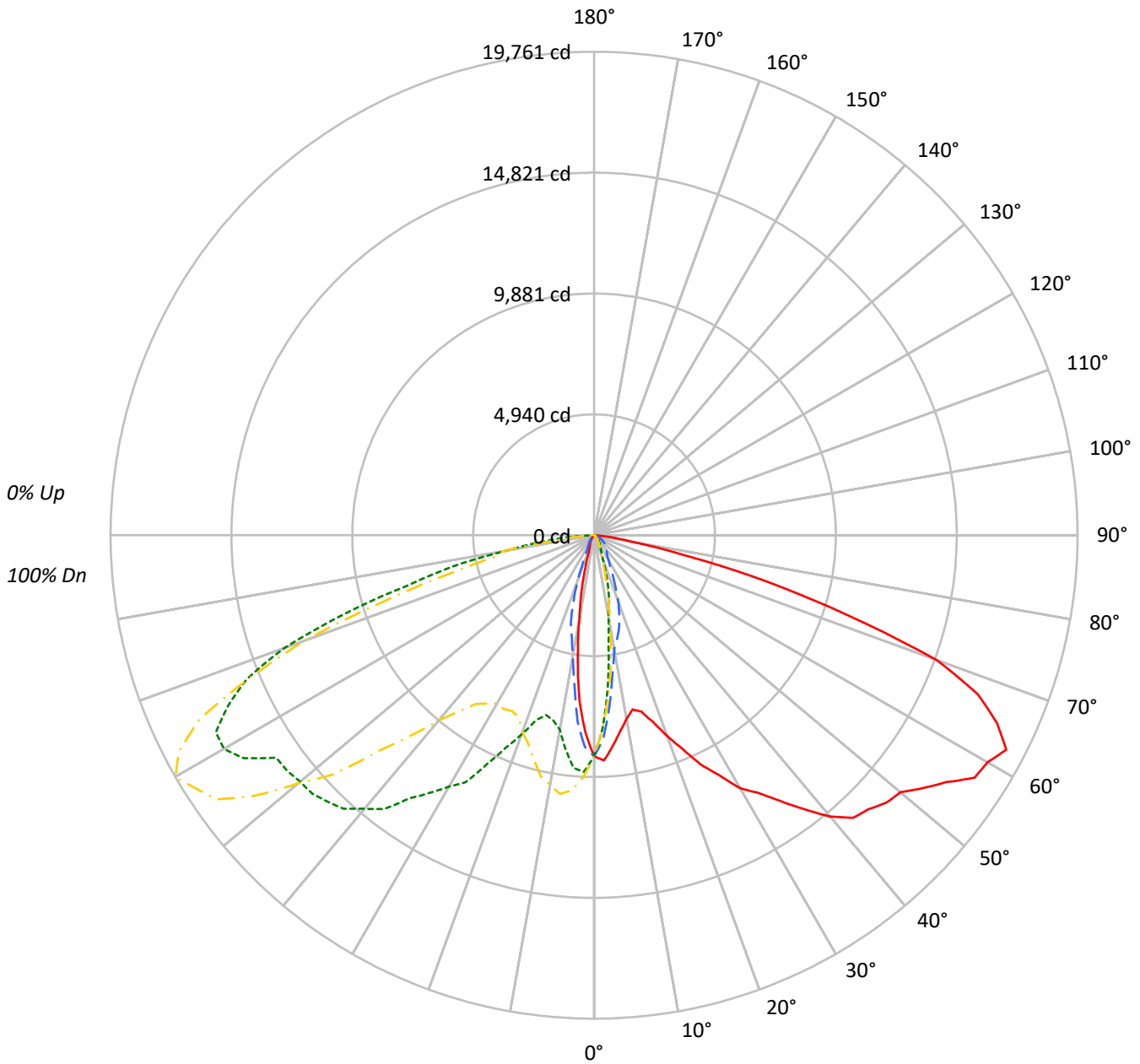
Lumens per Lamp: N/A  
 Luminaire Lumens: 23621.3 lumens  
 Efficiency: N/A  
 Efficacy: 84.1 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 281  
 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°	48601	48601	48601	48601
5°	46791	34199	36814	51573
10°	41660	18620	18863	44096
15°	41587	12419	7593	42368
20°	49933	6200	3027	49641
25°	61416	3895	2344	61113
30°	74207	3127	1781	73731
35°	87072	2510	1381	86193
40°	105413	2148	895	102504
45°	120597	1939	485	117253
50°	136823	1866	106	131225
55°	165045	1793	0	148792
60°	199820	1508	0	187962
65°	231380	1216	0	210294
70°	234295	1002	0	212049
75°	151628	661	0	162620
80°	51713	198	0	115073
85°	25954	0	0	84550

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	684.1	2.9
10°-20°	1324.6	5.6
20°-30°	1844.8	7.8
30°-40°	2621.3	11.1
40°-50°	3635.0	15.4
50°-60°	4952.9	21.0
60°-70°	5445.3	23.1
70°-80°	2676.3	11.3
80°-90°	437.0	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°	3853.5	16.3
0°-40°	6474.8	27.4
0°-60°	15062.6	63.8
0°-90°	23621.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23621.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	9030	9030	9030	9030	9030	
5°	8661	6330	6814	9546	8661	793
15°	7464	2229	1363	7604	7464	2209
25°	10342	656	395	10291	10342	4808
35°	13253	382	210	13119	13253	8412
45°	15845	255	64	15405	15845	12282
55°	17590	191	0	15857	17590	15823
65°	18169	96	0	16513	18169	17558
75°	7292	32	0	7820	7292	7950
85°	420	0	0	1369	420	581
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°	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4
2.5°	9215.1	9323.4	9221.5	8864.8	8801.1	8629.2	8368.1	8349.0	8075.1	8107.0	7960.5
5°	8661.0	8769.3	8552.8	8081.5	7642.1	7291.8	7081.7	6705.9	6623.1	6438.5	6438.5
7.5°	8094.2	8087.9	7718.5	7323.7	6667.7	6024.5	5731.6	5190.3	4871.8	4699.9	4534.3
10°	7623.0	7521.1	7291.8	6476.7	5763.4	5094.7	4731.7	4375.1	4043.9	3757.4	3470.8
12.5°	7291.8	7355.5	6992.5	6107.3	5183.9	4719.0	4330.5	3954.8	3559.9	3235.2	2916.7
15°	7463.8	7361.9	6935.2	6024.5	5088.4	4451.5	3935.7	3477.2	3037.7	2611.0	2369.0
17.5°	7998.7	7737.6	7234.5	6024.5	4890.9	4043.9	3419.8	2878.5	2407.3	2025.2	1725.8
20°	8718.4	8419.0	7877.7	6247.4	4744.5	3744.6	2891.3	2209.8	1719.5	1362.8	1133.6
22.5°	9457.1	9221.5	8406.3	6336.6	4572.5	3343.4	2279.9	1598.5	1146.3	917.1	802.4
25°	10342.3	10011.1	9119.6	6693.2	4317.8	2954.9	1795.9	1114.5	853.4	732.4	662.3
27.5°	11049.2	10991.9	9788.2	6909.7	4126.7	2636.5	1420.2	885.2	706.9	617.7	573.2
30°	11940.8	11628.7	10603.4	7342.8	3910.2	2273.5	1184.5	796.1	649.6	554.1	522.2
32.5°	12475.7	12329.2	11030.1	7584.8	3668.2	1974.2	1018.9	700.5	592.3	522.2	490.4
35°	13252.7	12959.7	11641.5	7737.6	3540.8	1802.3	917.1	636.8	496.7	426.7	388.5
37.5°	14118.8	14010.5	12373.8	7731.2	3356.2	1700.4	847.0	592.3	471.3	394.8	350.3
40°	15004.0	14564.6	12819.6	7909.6	3260.6	1623.9	796.1	566.8	445.8	375.7	318.4
42.5°	15666.3	15163.2	13335.4	7845.9	3146.0	1490.2	776.9	528.6	426.7	343.9	292.9
45°	15844.6	15666.3	13800.3	7826.8	3063.2	1381.9	745.1	522.2	413.9	324.8	273.8
47.5°	16188.5	16067.5	14373.5	7858.6	2999.5	1299.2	668.7	534.9	394.8	305.7	261.1
50°	16341.3	16124.8	14838.4	7935.0	2853.0	1197.3	598.6	560.4	388.5	299.3	248.4
52.5°	16971.8	16780.8	15475.2	8151.6	2732.0	1063.5	528.6	534.9	401.2	280.2	235.6
55°	17589.5	17373.0	16456.0	8648.3	2560.1	955.3	452.2	471.3	382.1	254.7	210.2
57.5°	18436.5	18079.9	17111.9	8852.1	2407.3	808.8	401.2	388.5	356.6	229.3	184.7
60°	18563.9	18710.4	17016.4	8724.7	2248.0	713.3	350.3	299.3	382.1	203.8	159.2
62.5°	18990.6	18379.2	16570.6	8431.8	2133.4	655.9	312.1	248.4	331.2	178.3	133.7
65°	18169.1	17716.9	15526.2	7489.2	1986.9	662.3	273.8	203.8	210.2	146.5	108.3
67.5°	16965.4	16608.8	13794.0	6463.9	1840.5	649.6	242.0	178.3	159.2	127.4	95.5
70°	14889.3	14118.8	11717.9	5247.6	1623.9	605.0	203.8	159.2	133.7	101.9	70.1
72.5°	10832.7	10520.6	8406.3	4056.7	1458.4	547.7	191.1	133.7	114.6	76.4	57.3
75°	7291.8	6776.0	5304.9	2662.0	1171.8	477.6	159.2	121.0	89.2	57.3	44.6
77.5°	3852.9	3642.7	3005.9	1267.3	649.6	222.9	89.2	70.1	50.9	44.6	25.5
80°	1668.5	1483.8	1299.2	515.8	229.3	101.9	57.3	38.2	31.8	25.5	12.7
82.5°	853.4	815.2	675.1	222.9	133.7	76.4	31.8	25.5	19.1	12.7	6.4
85°	420.3	433.1	356.6	70.1	76.4	44.6	6.4	6.4	0.0	0.0	0.0
87.5°	31.8	31.8	25.5	12.7	19.1	6.4	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°	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4
2.5°	7903.2	7992.4	7839.5	7935.0	7890.5	7909.6	7928.7	7877.7	7890.5	8068.8	8075.1
5°	6330.2	6502.1	6438.5	6527.6	6680.5	6604.0	6674.1	6661.4	6674.1	6699.6	6814.2
7.5°	4515.2	4464.3	4585.3	4820.9	5094.7	5260.3	5177.5	5132.9	5107.5	5043.8	5120.2
10°	3407.1	3381.6	3349.8	3419.8	3598.2	3782.8	3884.7	3712.8	3617.3	3496.3	3451.7
12.5°	2827.6	2668.4	2579.2	2470.9	2521.9	2687.5	2693.8	2528.3	2375.4	2311.7	2381.8
15°	2228.9	2120.7	1961.5	1808.6	1732.2	1859.6	1751.3	1592.1	1394.7	1369.2	1362.8
17.5°	1592.1	1528.4	1413.8	1350.1	1260.9	1229.1	1114.5	872.5	732.4	694.2	706.9
20°	1082.6	1031.7	1025.3	968.0	929.8	904.3	719.6	560.4	515.8	522.2	528.6
22.5°	802.4	776.9	745.1	738.7	706.9	675.1	528.6	471.3	439.4	439.4	458.5
25°	655.9	643.2	611.4	598.6	585.9	541.3	445.8	401.2	388.5	375.7	394.8
27.5°	560.4	554.1	534.9	515.8	503.1	458.5	388.5	350.3	337.5	337.5	337.5
30°	503.1	503.1	477.6	439.4	439.4	388.5	331.2	305.7	292.9	292.9	286.6
32.5°	471.3	458.5	426.7	401.2	382.1	331.2	292.9	267.5	248.4	248.4	254.7
35°	382.1	382.1	375.7	356.6	331.2	280.2	248.4	222.9	210.2	203.8	210.2
37.5°	337.5	318.4	292.9	299.3	286.6	242.0	210.2	191.1	171.9	171.9	171.9
40°	305.7	286.6	261.1	242.0	235.6	216.5	184.7	152.8	133.7	127.4	127.4
42.5°	273.8	261.1	222.9	191.1	184.7	184.7	140.1	114.6	95.5	95.5	95.5
45°	254.7	235.6	203.8	165.6	133.7	140.1	114.6	82.8	70.1	63.7	63.7
47.5°	242.0	222.9	178.3	140.1	101.9	101.9	82.8	57.3	44.6	38.2	38.2
50°	222.9	203.8	159.2	114.6	76.4	63.7	50.9	31.8	19.1	12.7	12.7
52.5°	210.2	191.1	140.1	95.5	63.7	44.6	31.8	6.4	0.0	0.0	0.0
55°	191.1	165.6	121.0	76.4	50.9	25.5	6.4	0.0	0.0	0.0	0.0
57.5°	165.6	146.5	95.5	57.3	31.8	6.4	0.0	0.0	0.0	0.0	0.0
60°	140.1	121.0	76.4	44.6	12.7	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	114.6	101.9	57.3	25.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	95.5	76.4	44.6	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	82.8	63.7	31.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	63.7	44.6	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	44.6	31.8	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	31.8	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	19.1	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	6.4	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°	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4
2.5°	8100.6	8291.7	8470.0	8520.9	8661.0	9049.5	9049.5	9234.2	9565.4	9686.4	9711.8
5°	6833.3	7037.1	7075.3	7470.1	7654.8	8049.7	8310.8	8934.9	9310.6	9546.2	9692.7
7.5°	5196.6	5266.7	5413.1	5782.5	6145.5	6623.1	7119.9	7915.9	8578.2	8845.7	9342.5
10°	3572.7	3782.8	4101.3	4432.4	4999.2	5527.8	6171.0	6922.5	7737.6	8068.8	8495.5
12.5°	2407.3	2700.2	3209.7	3680.9	4203.2	4738.1	5349.5	6355.7	7279.1	7737.6	8164.3
15°	1407.4	1764.0	2203.5	2967.7	3661.8	4260.5	4871.8	5890.8	7011.6	7603.9	8126.1
17.5°	713.3	821.5	1184.5	1846.8	2763.9	3744.6	4655.3	5954.5	7215.4	7941.4	8374.5
20°	534.9	566.8	668.7	980.7	1891.4	3095.0	4451.5	6050.0	7782.2	8667.4	8903.0
22.5°	464.9	490.4	534.9	636.8	1063.5	2369.0	4164.9	6285.6	8552.8	9387.0	9883.8
25°	394.8	420.3	458.5	522.2	681.4	1611.2	3814.7	6534.0	9240.6	10291.3	10756.2
27.5°	343.9	363.0	401.2	452.2	554.1	1025.3	3209.7	6865.1	10291.3	11386.7	11507.7
30°	292.9	312.1	343.9	401.2	471.3	726.0	2356.3	6909.7	10870.9	11864.3	12201.9
32.5°	254.7	261.1	299.3	350.3	394.8	573.2	1655.8	6954.3	11297.6	12482.1	12552.1
35°	210.2	222.9	261.1	292.9	343.9	452.2	1254.6	6731.4	11851.6	13118.9	13099.8
37.5°	171.9	191.1	216.5	242.0	280.2	382.1	999.8	6317.5	12545.8	14106.0	13507.4
40°	133.7	152.8	178.3	210.2	235.6	343.9	751.5	5693.4	13271.8	14590.0	13953.2
42.5°	95.5	108.3	133.7	165.6	210.2	286.6	541.3	4954.6	13558.3	15156.8	14488.1
45°	70.1	82.8	101.9	140.1	216.5	229.3	375.7	4279.6	13864.0	15405.2	14367.1
47.5°	38.2	50.9	76.4	121.0	191.1	171.9	267.5	3674.6	14214.3	15628.1	14462.7
50°	12.7	19.1	44.6	127.4	152.8	133.7	210.2	3349.8	14558.2	15672.7	14653.7
52.5°	0.0	0.0	25.5	133.7	114.6	101.9	184.7	3222.4	14469.0	15812.8	14532.7
55°	0.0	0.0	6.4	57.3	63.7	76.4	152.8	3216.0	15099.5	15857.3	15195.0
57.5°	0.0	0.0	0.0	19.1	38.2	63.7	133.7	3012.3	15500.7	16965.4	16086.6
60°	0.0	0.0	0.0	6.4	25.5	44.6	101.9	2833.9	15908.3	17462.2	17041.9
62.5°	0.0	0.0	0.0	0.0	6.4	19.1	70.1	2560.1	15086.8	17424.0	17965.3
65°	0.0	0.0	0.0	0.0	0.0	0.0	44.6	2025.2	13571.1	16513.3	17455.8
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	25.5	1401.1	11883.5	15367.0	16519.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	847.0	9590.8	13475.6	14010.5
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	363.0	6846.0	10698.9	11495.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146.5	4235.0	7820.4	8801.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.3	2744.8	5922.6	6680.5
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.7	1464.7	3712.8	4317.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	636.8	2254.4	2598.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	203.8	1369.2	1560.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	210.2	280.2
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: P599188  
 CATALOG NUMBER: IFLD-L-SA7B-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4	9030.4
2.5°	9724.6	9909.2	9979.3	9871.0	9883.8	9660.9	9629.0	9317.0	9189.6	9215.1
5°	10170.3	10437.8	10584.3	10463.3	10189.5	9762.8	9374.3	9004.9	8775.7	8661.0
7.5°	10068.5	10367.8	10552.5	10667.1	10355.0	9667.2	9075.0	8380.8	8087.9	8094.2
10°	9508.0	10132.1	10507.9	10361.4	10214.9	9527.1	8610.1	7858.6	7597.5	7623.0
12.5°	9055.9	9750.0	9972.9	10087.6	9788.2	9240.6	8622.8	7763.1	7470.1	7291.8
15°	8775.7	9291.5	9304.2	9482.6	9361.6	9361.6	8756.6	7915.9	7661.2	7463.8
17.5°	8775.7	8890.3	8877.6	8941.2	9145.0	9387.0	9094.1	8533.7	8030.6	7998.7
20°	8973.1	8616.5	8533.7	8559.1	8731.1	9450.7	9839.2	9138.7	8820.2	8718.4
22.5°	9431.6	8648.3	8145.2	8056.0	8584.6	9444.4	10316.8	10093.9	9539.9	9457.1
25°	10062.1	8591.0	8043.3	7928.7	8329.9	9673.6	10972.8	11017.3	10514.2	10342.3
27.5°	10660.7	8845.7	8030.6	8005.1	8533.7	9622.7	11424.9	11756.1	11189.3	11049.2
30°	10864.5	9100.5	8266.2	7928.7	8610.1	9807.4	11412.2	12278.3	11908.9	11940.8
32.5°	11106.5	9355.2	8291.7	8157.9	8934.9	10106.7	11775.2	13118.9	12851.4	12475.7
35°	11463.1	9699.1	8533.7	8412.7	9164.1	10374.1	11851.6	13736.7	13692.1	13252.7
37.5°	11768.8	10036.6	9036.8	9055.9	9864.7	10807.2	12189.1	14494.5	14418.1	14118.8
40°	11985.3	10507.9	9820.1	9871.0	10476.0	11291.2	12787.8	14876.6	15443.4	15004.0
42.5°	12017.2	10928.2	10718.0	11125.6	11692.4	12042.7	13029.8	15137.7	15952.9	15666.3
45°	12138.2	11596.9	12182.8	12482.1	12947.0	12705.0	13017.0	15583.5	15991.1	15844.6
47.5°	12609.5	12813.2	13552.0	14462.7	14628.2	13832.2	13322.7	15653.5	16207.6	16188.5
50°	13099.8	14118.8	15156.8	15761.8	15972.0	14609.1	13609.3	15596.2	16494.2	16341.3
52.5°	13647.5	15252.3	16748.9	17494.0	17379.4	15468.9	13934.1	16061.1	17022.8	16971.8
55°	13991.4	15761.8	17774.2	18812.3	18723.1	16430.5	14965.8	16729.8	17716.9	17589.5
57.5°	14902.1	16589.7	18793.2	19277.2	19512.8	17691.4	15685.4	17825.2	18296.4	18436.5
60°	15653.5	17131.0	19060.6	19761.2	19844.0	18442.9	16946.3	18952.4	19035.2	18563.9
62.5°	16755.3	17341.2	18493.9	19124.3	19551.0	18869.6	18079.9	19557.4	19022.4	18990.6
65°	17564.1	16653.4	17436.7	17787.0	18060.8	18220.0	19219.9	19971.3	18786.8	18169.1
67.5°	17111.9	15354.2	15207.8	15226.9	15309.7	16271.3	18837.8	18958.8	17474.9	16965.4
70°	15061.3	12596.7	12399.3	12552.1	12138.2	13297.2	17290.2	17232.9	15417.9	14889.3
72.5°	12182.8	9183.2	8845.7	9055.9	9151.4	10380.5	14545.4	13068.0	11246.6	10832.7
75°	9680.0	6731.4	5680.6	6190.1	6514.9	7559.3	11361.2	8877.6	7852.2	7291.8
77.5°	7603.9	5094.7	4419.7	4215.9	4515.2	5495.9	8266.2	4661.7	4114.0	3852.9
80°	4820.9	3744.6	4063.0	3770.1	3897.5	3922.9	4305.0	2120.7	1687.6	1668.5
82.5°	2904.0	2560.1	3044.1	1674.9	3050.5	2725.7	1789.5	961.6	853.4	853.4
85°	2057.0	1585.7	1050.8	681.4	1356.5	1496.6	694.2	496.7	433.1	420.3
87.5°	1031.7	490.4	235.6	152.8	171.9	280.2	82.8	38.2	38.2	31.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)