

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: P598656

Luminaire Tested: **IFLD-S-SA6B-730-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598656  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6B-730-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (96) 3000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

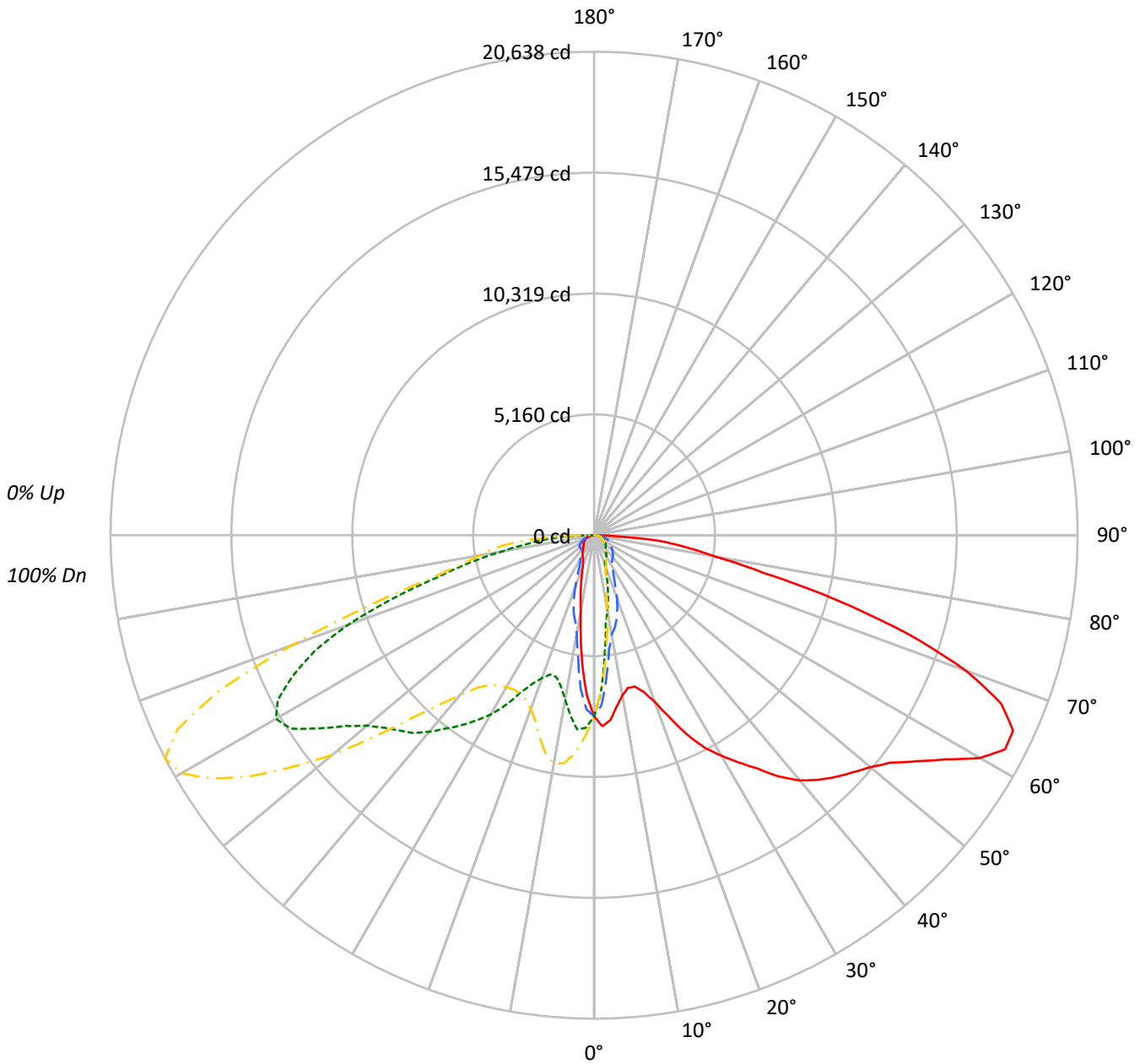
Lumens per Lamp: N/A  
 Luminaire Lumens: 25853.8 lumens  
 Efficiency: N/A  
 Efficacy: 105.6 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 244.9  
 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	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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77				
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59				
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46				
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36				
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30				
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25				
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21				
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18				
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16				
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14				

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

	0°	90°	180°	270°
0°	55420	55420	55420	55420
5°	57034	37088	40516	59917
10°	50600	23566	23803	51783
15°	49660	16714	15831	46447
20°	57738	10573	10655	49478
25°	74252	9079	8821	58494
30°	89985	8604	8066	73225
35°	106505	7580	7296	86795
40°	127973	7194	6687	102540
45°	148079	7135	6477	119539
50°	171952	7245	6521	141160
55°	210429	7443	6631	179846
60°	272908	7451	6985	224939
65°	334998	7531	7162	240781
70°	354483	7943	7488	234432
75°	298395	8398	7497	191332
80°	216789	9835	7600	165385
85°	229771	14252	6233	171882

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	597.7	2.3
10°-20°	1250.9	4.8
20°-30°	1802.7	7.0
30°-40°	2595.1	10.0
40°-50°	3686.2	14.3
50°-60°	5299.7	20.5
60°-70°	6122.9	23.7
70°-80°	3466.9	13.4
80°-90°	1031.8	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°	3651.3	14.1
0°-40°	6246.4	24.2
0°-60°	15232.2	58.9
0°-90°	25853.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	25853.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	7723	7723	7723	7723	7723	
5°	7918	5149	5625	8318	7918	718
15°	6685	2250	2131	6252	6685	1966
25°	9378	1147	1114	7388	9378	4353
35°	12158	865	833	9908	12158	7716
45°	14592	703	638	11779	14592	11298
55°	16820	595	530	14375	16820	15233
65°	19729	444	422	14180	19729	18919
75°	10762	303	270	6901	10762	11419
85°	2791	173	76	2088	2791	2779
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°	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0
2.5°	8155.7	8144.8	8079.9	7874.4	7658.1	7452.6	7257.9	7052.4	6944.2	6814.4	6760.3
5°	7917.7	7896.1	7712.2	7257.9	6857.7	6425.0	6057.3	5765.2	5527.2	5289.3	5202.7
7.5°	7376.9	7344.4	7128.1	6500.7	5916.6	5354.2	4910.7	4532.1	4218.4	4077.8	3915.6
10°	6944.2	6890.1	6608.9	5916.6	5159.5	4597.0	4305.0	4045.4	3775.0	3547.8	3309.9
12.5°	6673.8	6608.9	6316.9	5505.6	4770.1	4348.2	4045.4	3753.3	3418.0	3136.8	2877.2
15°	6684.6	6608.9	6252.0	5397.4	4672.7	4131.9	3710.1	3309.9	2920.5	2606.8	2314.7
17.5°	6998.3	6900.9	6522.4	5548.9	4597.0	3850.7	3288.2	2769.0	2325.6	1990.2	1752.3
20°	7560.8	7495.9	7063.2	5776.0	4521.3	3547.8	2855.6	2228.2	1763.1	1503.5	1406.1
22.5°	8404.4	8328.7	7863.6	6122.2	4499.7	3277.4	2390.5	1752.3	1417.0	1308.8	1254.7
25°	9377.9	9237.3	8804.7	6706.2	4542.9	3028.6	2011.9	1449.4	1265.5	1189.8	1157.4
27.5°	10221.6	10135.1	9648.3	7257.9	4564.6	2833.9	1752.3	1319.6	1179.0	1114.1	1092.5
30°	10859.8	10827.3	10351.4	7863.6	4510.5	2596.0	1590.0	1265.5	1179.0	1114.1	1049.2
32.5°	11498.0	11508.8	11000.4	8328.7	4434.8	2390.5	1438.6	1124.9	1038.4	995.1	1005.9
35°	12157.8	12211.9	11779.2	8783.0	4272.5	2314.7	1330.4	1049.2	973.5	908.6	876.1
37.5°	12990.6	13131.3	12709.4	9291.4	4110.3	2249.8	1276.4	995.1	919.4	865.3	822.1
40°	13661.3	13920.9	13672.1	9767.3	4002.1	2174.1	1233.1	941.0	887.0	822.1	789.6
42.5°	14158.8	14461.7	14375.2	10135.1	4002.1	2098.4	1189.8	908.6	865.3	789.6	746.3
45°	14591.5	14905.2	14894.4	10513.7	4088.6	2055.1	1135.7	908.6	843.7	768.0	724.7
47.5°	14980.9	15294.6	15402.7	10989.6	4229.3	2033.5	1070.8	887.0	843.7	757.2	692.3
50°	15402.7	15748.9	16073.4	11746.7	4402.3	1979.4	1027.6	854.5	854.5	746.3	670.6
52.5°	15943.6	16333.0	16927.9	12687.8	4575.4	1882.1	962.7	832.9	854.5	735.5	649.0
55°	16819.7	17144.2	17923.0	13812.7	4791.7	1763.1	908.6	778.8	811.2	703.1	616.5
57.5°	17804.0	18085.2	18734.2	14678.0	4856.6	1611.7	832.9	724.7	778.8	670.6	573.3
60°	19015.5	19156.1	19156.1	14926.8	4640.3	1471.0	778.8	681.4	703.1	638.2	540.8
62.5°	19783.4	19783.4	19156.1	14472.5	4229.3	1352.1	735.5	638.2	616.5	594.9	508.4
65°	19729.3	19642.8	18712.6	13152.9	3753.3	1276.4	692.3	584.1	551.6	540.8	475.9
67.5°	18820.8	18669.3	17403.8	11292.5	3255.8	1243.9	649.0	530.0	508.4	486.7	432.7
70°	16895.4	16506.0	14948.4	9085.9	2769.0	1222.3	638.2	486.7	465.1	443.5	400.2
72.5°	14104.7	13607.2	11671.0	6987.5	2325.6	1146.6	605.7	432.7	421.8	400.2	356.9
75°	10762.4	9843.0	8144.8	5343.4	1806.4	995.1	519.2	378.6	378.6	367.8	324.5
77.5°	7420.1	6944.2	5678.7	3948.0	1319.6	768.0	421.8	335.3	335.3	346.1	302.9
80°	5246.0	4802.5	4045.4	2833.9	832.9	519.2	324.5	281.2	313.7	335.3	281.2
82.5°	4012.9	3688.4	3007.0	2066.0	486.7	356.9	248.8	227.1	270.4	292.0	238.0
85°	2790.7	2401.3	1525.1	1384.5	281.2	216.3	183.9	183.9	238.0	292.0	216.3
87.5°	789.6	335.3	97.3	411.0	119.0	86.5	64.9	43.3	64.9	64.9	43.3
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°	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0
2.5°	6706.2	6641.3	6641.3	6619.7	6630.5	6641.3	6630.5	6706.2	6738.7	6782.0	6868.5
5°	5148.7	5235.2	5170.3	5235.2	5321.7	5451.5	5484.0	5581.3	5592.1	5667.9	5624.6
7.5°	3818.2	3807.4	3753.3	3829.1	4067.0	4250.9	4337.4	4391.5	4402.3	4402.3	4348.2
10°	3234.1	3136.8	3039.4	2985.4	3007.0	3201.7	3266.6	3299.0	3277.4	3309.9	3266.6
12.5°	2769.0	2682.5	2541.9	2444.5	2379.6	2433.7	2498.6	2531.1	2552.7	2606.8	2650.0
15°	2249.8	2163.3	2076.8	2022.7	1968.6	1925.3	1979.4	2011.9	2066.0	2109.2	2130.9
17.5°	1709.0	1665.7	1622.5	1654.9	1654.9	1633.3	1654.9	1665.7	1687.4	1719.8	1709.0
20°	1384.5	1373.7	1362.9	1417.0	1460.2	1460.2	1481.9	1449.4	1438.6	1406.1	1395.3
22.5°	1233.1	1233.1	1243.9	1287.2	1330.4	1352.1	1352.1	1298.0	1243.9	1222.3	1233.1
25°	1146.6	1146.6	1179.0	1189.8	1211.5	1211.5	1222.3	1168.2	1135.7	1103.3	1114.1
27.5°	1081.7	1081.7	1092.5	1092.5	1103.3	1103.3	1114.1	1092.5	1049.2	1038.4	1038.4
30°	1038.4	1038.4	1027.6	1027.6	1027.6	1027.6	1038.4	1005.9	984.3	973.5	973.5
32.5°	995.1	984.3	973.5	973.5	962.7	962.7	973.5	941.0	930.2	930.2	930.2
35°	865.3	854.5	865.3	887.0	887.0	897.8	897.8	887.0	865.3	843.7	832.9
37.5°	811.2	800.4	800.4	800.4	822.1	832.9	843.7	822.1	789.6	757.2	757.2
40°	768.0	768.0	757.2	757.2	757.2	778.8	800.4	768.0	724.7	713.9	713.9
42.5°	735.5	724.7	713.9	703.1	692.3	724.7	746.3	703.1	681.4	681.4	681.4
45°	703.1	692.3	681.4	670.6	659.8	670.6	692.3	649.0	638.2	638.2	638.2
47.5°	670.6	659.8	638.2	627.4	616.5	616.5	638.2	605.7	594.9	605.7	605.7
50°	649.0	627.4	605.7	594.9	584.1	584.1	584.1	573.3	573.3	573.3	584.1
52.5°	627.4	605.7	573.3	562.5	551.6	551.6	551.6	551.6	540.8	551.6	562.5
55°	594.9	573.3	551.6	540.8	530.0	519.2	530.0	519.2	519.2	530.0	530.0
57.5°	551.6	530.0	508.4	508.4	497.6	497.6	508.4	497.6	497.6	508.4	508.4
60°	519.2	497.6	475.9	475.9	465.1	475.9	486.7	475.9	475.9	475.9	486.7
62.5°	475.9	465.1	443.5	443.5	443.5	443.5	454.3	443.5	454.3	454.3	454.3
65°	443.5	421.8	411.0	411.0	411.0	411.0	432.7	411.0	421.8	421.8	421.8
67.5°	411.0	389.4	378.6	378.6	378.6	378.6	400.2	378.6	389.4	400.2	389.4
70°	378.6	356.9	346.1	346.1	346.1	346.1	356.9	346.1	346.1	356.9	356.9
72.5°	335.3	324.5	313.7	313.7	302.9	313.7	324.5	313.7	313.7	313.7	313.7
75°	302.9	292.0	292.0	281.2	281.2	281.2	292.0	270.4	270.4	270.4	270.4
77.5°	281.2	259.6	259.6	259.6	248.8	259.6	248.8	227.1	227.1	227.1	227.1
80°	238.0	216.3	227.1	227.1	216.3	216.3	205.5	183.9	183.9	183.9	183.9
82.5°	194.7	173.1	183.9	183.9	183.9	183.9	162.2	151.4	140.6	129.8	129.8
85°	173.1	140.6	162.2	162.2	151.4	151.4	108.2	108.2	86.5	86.5	75.7
87.5°	32.4	21.6	43.3	54.1	54.1	64.9	43.3	54.1	32.4	21.6	21.6
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°	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0
2.5°	6857.7	6976.7	7138.9	7257.9	7441.8	7582.4	7798.7	7982.6	8155.7	8231.4	8307.1
5°	5754.4	5830.1	6078.9	6273.6	6565.6	6879.3	7268.7	7690.5	8123.2	8317.9	8545.1
7.5°	4305.0	4445.6	4586.2	4867.4	5224.4	5732.8	6230.3	6857.7	7463.4	7755.4	8144.8
10°	3342.3	3450.5	3612.7	3904.8	4240.1	4661.9	5256.8	6003.2	6727.9	7106.5	7506.7
12.5°	2682.5	2833.9	3050.3	3353.1	3742.5	4175.2	4607.8	5300.1	6143.8	6576.4	7030.7
15°	2174.1	2293.1	2531.1	2909.6	3363.9	3807.4	4261.7	4835.0	5754.4	6252.0	6792.8
17.5°	1730.6	1817.2	2033.5	2412.1	2866.4	3363.9	3883.1	4607.8	5624.6	6230.3	6868.5
20°	1406.1	1471.0	1611.7	1892.9	2325.6	2866.4	3515.4	4391.5	5700.3	6479.1	7257.9
22.5°	1233.1	1254.7	1319.6	1471.0	1828.0	2401.3	3180.1	4207.6	5840.9	6846.9	7896.1
25°	1114.1	1135.7	1157.4	1254.7	1460.2	2001.1	2888.0	4099.5	6143.8	7387.7	8631.6
27.5°	1038.4	1060.0	1070.8	1114.1	1254.7	1709.0	2639.2	4034.6	6554.8	8177.3	9540.2
30°	973.5	973.5	1005.9	1070.8	1168.2	1503.5	2422.9	3883.1	6987.5	8837.1	10254.1
32.5°	919.4	930.2	973.5	1005.9	1070.8	1330.4	2206.6	3688.4	7376.9	9377.9	10957.1
35°	822.1	822.1	832.9	887.0	973.5	1189.8	2011.9	3493.7	7593.2	9907.9	11584.5
37.5°	757.2	768.0	789.6	832.9	908.6	1092.5	1849.6	3277.4	7820.3	10405.5	12320.0
40°	713.9	724.7	746.3	789.6	865.3	1005.9	1709.0	3104.3	8058.3	10946.3	13109.6
42.5°	681.4	692.3	713.9	757.2	822.1	984.3	1557.6	2963.7	8198.9	11443.9	13856.0
45°	649.0	659.8	692.3	735.5	789.6	962.7	1471.0	2866.4	8253.0	11779.2	14450.9
47.5°	616.5	627.4	659.8	724.7	789.6	930.2	1438.6	2812.3	8296.3	12157.8	14926.8
50°	584.1	605.7	649.0	713.9	800.4	887.0	1417.0	2801.5	8545.1	12644.5	15381.1
52.5°	562.5	594.9	638.2	713.9	789.6	822.1	1406.1	2833.9	9042.6	13369.2	16030.1
55°	540.8	573.3	616.5	713.9	757.2	768.0	1352.1	2888.0	9799.8	14375.2	16949.5
57.5°	519.2	540.8	594.9	692.3	713.9	724.7	1243.9	2963.7	10556.9	15359.5	17890.5
60°	486.7	508.4	562.5	692.3	649.0	681.4	1103.3	2985.4	11097.8	15673.1	17977.1
62.5°	454.3	475.9	530.0	713.9	594.9	638.2	984.3	2909.6	11205.9	15218.9	17490.3
65°	421.8	443.5	486.7	594.9	551.6	594.9	908.6	2704.1	10849.0	14180.5	16603.4
67.5°	389.4	411.0	443.5	486.7	497.6	540.8	876.1	2379.6	9951.2	12893.3	15391.9
70°	346.1	367.8	400.2	432.7	443.5	508.4	822.1	2066.0	8501.8	11173.5	13910.1
72.5°	313.7	324.5	356.9	378.6	400.2	465.1	789.6	1806.4	6500.7	9042.6	11346.5
75°	270.4	270.4	302.9	324.5	346.1	411.0	724.7	1503.5	4586.2	6900.9	8339.5
77.5°	227.1	227.1	248.8	270.4	292.0	356.9	616.5	1222.3	3180.1	5473.2	6046.4
80°	173.1	173.1	194.7	216.3	238.0	302.9	497.6	897.8	1968.6	4002.1	4402.3
82.5°	119.0	119.0	151.4	162.2	173.1	238.0	378.6	616.5	1157.4	2888.0	3147.6
85°	64.9	64.9	86.5	97.3	119.0	173.1	281.2	432.7	692.3	2087.6	2098.4
87.5°	10.8	10.8	32.4	32.4	54.1	86.5	162.2	238.0	389.4	1157.4	735.5
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: P598656  
 CATALOG NUMBER: IFLD-S-SA6B-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0	7723.0
2.5°	8447.7	8566.7	8577.5	8577.5	8523.4	8534.2	8382.8	8220.6	8166.5	8155.7
5°	8891.2	9204.9	9291.4	9334.7	9194.0	8977.7	8588.3	8166.5	7950.1	7917.7
7.5°	8804.7	9432.0	9767.3	9810.6	9529.4	9021.0	8339.5	7690.5	7441.8	7376.9
10°	8296.3	9140.0	9745.7	9897.1	9594.3	8945.3	8058.3	7301.2	6998.3	6944.2
12.5°	7939.3	8750.6	9345.5	9551.0	9410.4	8847.9	7917.7	7052.4	6749.5	6673.8
15°	7744.6	8491.0	8880.4	8945.3	8934.5	8696.5	7917.7	7106.5	6771.1	6684.6
17.5°	7906.9	8415.3	8469.3	8317.9	8404.4	8523.4	8090.8	7398.5	7074.0	6998.3
20°	8231.4	8382.8	8123.2	7896.1	7939.3	8317.9	8361.2	7950.1	7690.5	7560.8
22.5°	8912.8	8501.8	7906.9	7593.2	7625.7	8155.7	8718.1	8696.5	8469.3	8404.4
25°	9605.1	8837.1	7842.0	7474.2	7517.5	8123.2	9140.0	9529.4	9410.4	9377.9
27.5°	10373.0	9399.6	7885.2	7420.1	7474.2	8166.5	9432.0	10232.4	10254.1	10221.6
30°	10892.2	9670.0	8015.0	7485.0	7560.8	8274.6	9496.9	10654.3	10849.0	10859.8
32.5°	11324.9	9940.4	8285.5	7593.2	7723.0	8469.3	9670.0	11054.5	11487.2	11498.0
35°	11671.0	10243.2	8620.8	7787.9	7982.6	8793.8	9897.1	11433.1	12082.1	12157.8
37.5°	12114.5	10578.6	9010.2	8209.7	8426.1	9258.9	10297.3	11876.5	12785.1	12990.6
40°	12590.4	10913.9	9572.6	8891.2	9204.9	9951.2	10751.6	12374.1	13380.0	13661.3
42.5°	13120.4	11270.8	10210.8	9810.6	10286.5	10827.3	11270.8	12828.4	13834.3	14158.8
45°	13639.6	11703.5	11141.0	11065.3	11595.3	11865.7	11779.2	13152.9	14267.0	14591.5
47.5°	14007.4	12330.8	12265.9	12720.2	13217.8	13077.2	12374.1	13390.9	14623.9	14980.9
50°	14342.7	13109.6	13682.9	14569.9	14872.7	14396.8	13012.3	13715.4	15002.5	15402.7
52.5°	14840.3	13942.5	15143.1	16246.4	16538.5	15781.3	13704.5	14245.4	15586.6	15943.6
55°	15857.0	14883.5	16668.3	17933.8	17987.9	17046.8	14634.8	15143.1	16408.7	16819.7
57.5°	16992.8	16040.9	17879.7	19329.1	19307.5	18312.4	15684.0	16354.6	17522.8	17804.0
60°	18020.3	17209.1	19199.3	20324.3	20270.2	19231.8	16906.2	17728.3	18799.1	19015.5
62.5°	18626.1	18269.1	19783.4	20637.9	20432.4	19534.6	17944.6	18950.6	19707.7	19783.4
65°	18528.7	18874.8	19102.0	19632.0	19339.9	18691.0	18453.0	19729.3	19805.1	19729.3
67.5°	17793.2	18528.7	17230.7	17284.8	17133.4	16581.7	17663.4	19523.8	19004.6	18820.8
70°	16679.1	16733.2	14407.6	13726.2	13964.1	13207.0	15154.0	17923.0	17122.6	16895.4
72.5°	14829.5	14158.8	10892.2	10200.0	10556.9	10016.1	12157.8	15619.1	14840.3	14104.7
75°	12439.0	11216.7	8296.3	7312.0	7495.9	7474.2	9421.2	12904.1	11498.0	10762.4
77.5°	9637.5	8739.8	6122.2	5743.6	5548.9	5592.1	6576.4	9594.3	8339.5	7420.1
80°	7041.6	6111.3	4737.6	4954.0	4845.8	4586.2	4607.8	6425.0	5797.7	5246.0
82.5°	4867.4	4348.2	3839.9	4337.4	4077.8	3677.6	3591.1	4629.5	4348.2	4012.9
85°	3266.6	3580.3	3050.3	3320.7	2877.2	2650.0	3374.8	3872.3	3126.0	2790.7
87.5°	2130.9	3277.4	2195.8	1665.7	951.9	1276.4	2066.0	2541.9	1460.2	789.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)