

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: P599179

Luminaire Tested: **IFLD-S-SA6C-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: P599179  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6C-730-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (96) 3000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

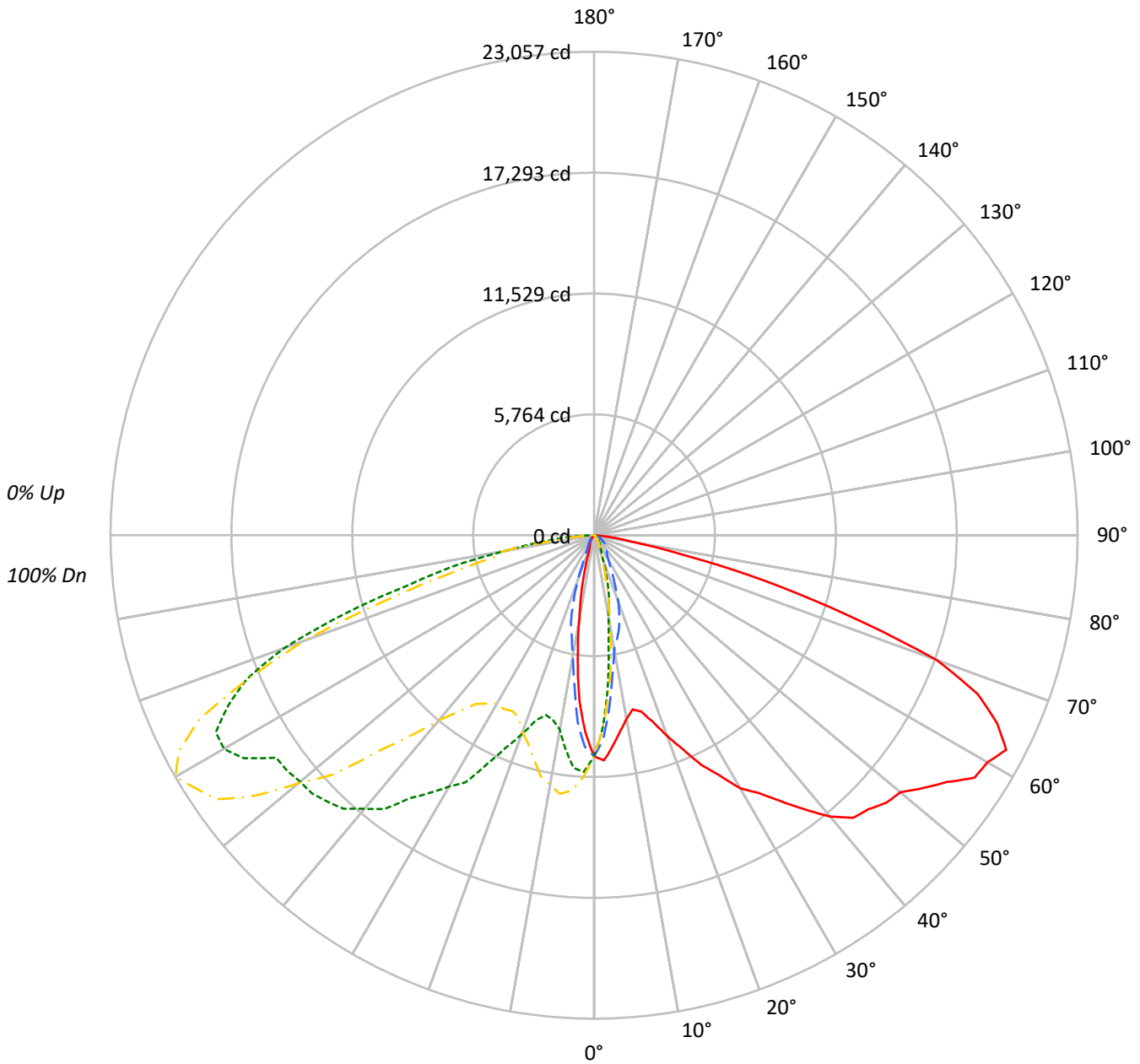
Lumens per Lamp: N/A  
 Luminaire Lumens: 27561.1 lumens  
 Efficiency: N/A  
 Efficacy: 85.7 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 321.5  
 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°	75610	75610	75610	75610
5°	72794	53204	57272	80235
10°	64810	28967	29346	68601
15°	64698	19321	11813	65912
20°	77682	9646	4709	77228
25°	95546	6060	3648	95075
30°	115445	4864	2771	114706
35°	135460	3905	2148	134093
40°	163993	3341	1392	159468
45°	187615	3016	754	182412
50°	212859	2904	166	204149
55°	256764	2789	0	231479
60°	310865	2347	0	292415
65°	359962	1893	0	327157
70°	364498	1559	0	329887
75°	235890	1031	0	252992
80°	80451	306	0	179018
85°	40377	0	0	131538

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	798.2	2.9
10°-20°	1545.5	5.6
20°-30°	2152.5	7.8
30°-40°	3058.5	11.1
40°-50°	4241.3	15.4
50°-60°	5779.0	21.0
60°-70°	6353.5	23.1
70°-80°	3122.7	11.3
80°-90°	509.9	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°	4496.2	16.3
0°-40°	7554.7	27.4
0°-60°	17574.9	63.8
0°-90°	27561.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	27561.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	10537	10537	10537	10537	10537	
5°	10106	7386	7951	11138	10106	925
15°	8709	2601	1590	8872	8709	2578
25°	12067	765	461	12008	12067	5610
35°	15463	446	245	15307	15463	9815
45°	18487	297	74	17975	18487	14331
55°	20523	223	0	18502	20523	18462
65°	21200	112	0	19268	21200	20487
75°	8508	37	0	9125	8508	9275
85°	490	0	0	1598	490	678
90°	0	0	0	0	0	

TEST NUMBER: P599179  
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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6
2.5°	10752.1	10878.4	10759.5	10343.4	10269.1	10068.5	9763.8	9741.5	9422.0	9459.1	9288.2
5°	10105.6	10231.9	9979.3	9429.4	8916.7	8508.0	8262.8	7824.4	7727.8	7512.3	7512.3
7.5°	9444.3	9436.9	9005.9	8545.2	7779.8	7029.3	6687.5	6055.9	5684.4	5483.8	5290.6
10°	8894.4	8775.5	8508.0	7556.9	6724.7	5944.5	5520.9	5104.8	4718.4	4384.1	4049.7
12.5°	8508.0	8582.3	8158.8	7125.9	6048.5	5506.1	5052.8	4614.4	4153.7	3774.7	3403.2
15°	8708.7	8589.8	8091.9	7029.3	5937.0	5194.0	4592.1	4057.1	3544.4	3046.5	2764.2
17.5°	9332.8	9028.2	8441.2	7029.3	5706.7	4718.4	3990.2	3358.6	2808.8	2362.9	2013.7
20°	10172.5	9823.2	9191.6	7289.4	5535.8	4369.2	3373.5	2578.4	2006.3	1590.1	1322.6
22.5°	11034.4	10759.5	9808.4	7393.4	5335.2	3901.1	2660.2	1865.1	1337.5	1070.0	936.3
25°	12067.3	11680.9	10640.6	7809.6	5037.9	3447.8	2095.4	1300.4	995.7	854.5	772.8
27.5°	12892.1	12825.2	11420.8	8062.2	4815.0	3076.3	1657.0	1032.9	824.8	720.8	668.8
30°	13932.4	13568.3	12371.9	8567.5	4562.4	2652.7	1382.1	928.8	757.9	646.5	609.3
32.5°	14556.5	14385.6	12869.8	8849.8	4280.0	2303.5	1188.9	817.4	691.0	609.3	572.2
35°	15463.1	15121.3	13583.1	9028.2	4131.4	2102.9	1070.0	743.1	579.6	497.8	453.3
37.5°	16473.6	16347.3	14437.6	9020.7	3915.9	1984.0	988.3	691.0	549.9	460.7	408.7
40°	17506.5	16993.8	14957.8	9228.8	3804.5	1894.8	928.8	661.3	520.1	438.4	371.5
42.5°	18279.3	17692.2	15559.7	9154.5	3670.7	1738.8	906.5	616.7	497.8	401.3	341.8
45°	18487.3	18279.3	16102.1	9132.2	3574.1	1612.4	869.4	609.3	483.0	379.0	319.5
47.5°	18888.6	18747.4	16770.9	9169.4	3499.8	1515.8	780.2	624.2	460.7	356.7	304.7
50°	19066.9	18814.3	17313.3	9258.5	3328.9	1397.0	698.5	653.9	453.3	349.2	289.8
52.5°	19802.5	19579.6	18056.3	9511.2	3187.7	1240.9	616.7	624.2	468.1	326.9	274.9
55°	20523.3	20270.7	19200.7	10090.7	2987.1	1114.6	527.6	549.9	445.8	297.2	245.2
57.5°	21511.6	21095.5	19966.0	10328.5	2808.8	943.7	468.1	453.3	416.1	267.5	215.5
60°	21660.2	21831.1	19854.6	10179.9	2623.0	832.2	408.7	349.2	445.8	237.8	185.8
62.5°	22158.0	21444.7	19334.4	9838.1	2489.2	765.4	364.1	289.8	386.4	208.1	156.0
65°	21199.5	20671.9	18115.8	8738.4	2318.3	772.8	319.5	237.8	245.2	170.9	126.3
67.5°	19795.1	19379.0	16094.7	7542.1	2147.4	757.9	282.4	208.1	185.8	148.6	111.5
70°	17372.7	16473.6	13672.3	6122.8	1894.8	705.9	237.8	185.8	156.0	118.9	81.7
72.5°	12639.4	12275.3	9808.4	4733.3	1701.6	639.0	222.9	156.0	133.8	89.2	66.9
75°	8508.0	7906.2	6189.7	3106.0	1367.2	557.3	185.8	141.2	104.0	66.9	52.0
77.5°	4495.5	4250.3	3507.2	1478.7	757.9	260.1	104.0	81.7	59.4	52.0	29.7
80°	1946.8	1731.3	1515.8	601.9	267.5	118.9	66.9	44.6	37.2	29.7	14.9
82.5°	995.7	951.1	787.6	260.1	156.0	89.2	37.2	29.7	22.3	14.9	7.4
85°	490.4	505.3	416.1	81.7	89.2	52.0	7.4	7.4	0.0	0.0	0.0
87.5°	37.2	37.2	29.7	14.9	22.3	7.4	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°	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6
2.5°	9221.4	9325.4	9147.1	9258.5	9206.5	9228.8	9251.1	9191.6	9206.5	9414.6	9422.0
5°	7386.0	7586.6	7512.3	7616.4	7794.7	7705.5	7787.3	7772.4	7787.3	7817.0	7950.7
7.5°	5268.3	5208.8	5350.0	5625.0	5944.5	6137.7	6041.1	5989.1	5959.3	5885.0	5974.2
10°	3975.4	3945.6	3908.5	3990.2	4198.3	4413.8	4532.7	4332.0	4220.6	4079.4	4027.4
12.5°	3299.2	3113.4	3009.4	2883.1	2942.5	3135.7	3143.1	2949.9	2771.6	2697.3	2779.0
15°	2600.7	2474.4	2288.6	2110.3	2021.1	2169.7	2043.4	1857.6	1627.3	1597.6	1590.1
17.5°	1857.6	1783.3	1649.6	1575.3	1471.3	1434.1	1300.4	1018.0	854.5	809.9	824.8
20°	1263.2	1203.8	1196.3	1129.5	1084.9	1055.1	839.7	653.9	601.9	609.3	616.7
22.5°	936.3	906.5	869.4	861.9	824.8	787.6	616.7	549.9	512.7	512.7	535.0
25°	765.4	750.5	713.3	698.5	683.6	631.6	520.1	468.1	453.3	438.4	460.7
27.5°	653.9	646.5	624.2	601.9	587.0	535.0	453.3	408.7	393.8	393.8	393.8
30°	587.0	587.0	557.3	512.7	512.7	453.3	386.4	356.7	341.8	341.8	334.4
32.5°	549.9	535.0	497.8	468.1	445.8	386.4	341.8	312.1	289.8	289.8	297.2
35°	445.8	445.8	438.4	416.1	386.4	326.9	289.8	260.1	245.2	237.8	245.2
37.5°	393.8	371.5	341.8	349.2	334.4	282.4	245.2	222.9	200.6	200.6	200.6
40°	356.7	334.4	304.7	282.4	274.9	252.6	215.5	178.3	156.0	148.6	148.6
42.5°	319.5	304.7	260.1	222.9	215.5	215.5	163.5	133.8	111.5	111.5	111.5
45°	297.2	274.9	237.8	193.2	156.0	163.5	133.8	96.6	81.7	74.3	74.3
47.5°	282.4	260.1	208.1	163.5	118.9	118.9	96.6	66.9	52.0	44.6	44.6
50°	260.1	237.8	185.8	133.8	89.2	74.3	59.4	37.2	22.3	14.9	14.9
52.5°	245.2	222.9	163.5	111.5	74.3	52.0	37.2	7.4	0.0	0.0	0.0
55°	222.9	193.2	141.2	89.2	59.4	29.7	7.4	0.0	0.0	0.0	0.0
57.5°	193.2	170.9	111.5	66.9	37.2	7.4	0.0	0.0	0.0	0.0	0.0
60°	163.5	141.2	89.2	52.0	14.9	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	133.8	118.9	66.9	29.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	111.5	89.2	52.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	96.6	74.3	37.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	74.3	52.0	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	52.0	37.2	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	37.2	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	22.3	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	7.4	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°	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6
2.5°	9451.7	9674.6	9882.7	9942.1	10105.6	10558.9	10558.9	10774.4	11160.8	11301.9	11331.7
5°	7973.0	8210.8	8255.4	8716.1	8931.6	9392.3	9696.9	10425.1	10863.5	11138.5	11309.4
7.5°	6063.4	6145.1	6316.0	6747.0	7170.5	7727.8	8307.4	9236.2	10009.0	10321.1	10900.7
10°	4168.6	4413.8	4785.3	5171.7	5833.0	6449.8	7200.2	8077.1	9028.2	9414.6	9912.4
12.5°	2808.8	3150.6	3745.0	4294.9	4904.2	5528.4	6241.7	7415.7	8493.2	9028.2	9526.0
15°	1642.2	2058.3	2571.0	3462.7	4272.6	4971.1	5684.4	6873.3	8181.1	8872.1	9481.4
17.5°	832.2	958.5	1382.1	2154.9	3224.9	4369.2	5431.8	6947.6	8418.9	9266.0	9771.2
20°	624.2	661.3	780.2	1144.3	2206.9	3611.3	5194.0	7059.1	9080.2	10113.0	10388.0
22.5°	542.4	572.2	624.2	743.1	1240.9	2764.2	4859.6	7334.0	9979.3	10952.7	11532.3
25°	460.7	490.4	535.0	609.3	795.1	1879.9	4450.9	7623.8	10781.8	12007.8	12550.3
27.5°	401.3	423.5	468.1	527.6	646.5	1196.3	3745.0	8010.2	12007.8	13285.9	13427.1
30°	341.8	364.1	401.3	468.1	549.9	847.1	2749.3	8062.2	12684.0	13843.2	14237.0
32.5°	297.2	304.7	349.2	408.7	460.7	668.8	1932.0	8114.2	13181.9	14564.0	14645.7
35°	245.2	260.1	304.7	341.8	401.3	527.6	1463.8	7854.1	13828.3	15307.0	15284.7
37.5°	200.6	222.9	252.6	282.4	326.9	445.8	1166.6	7371.2	14638.3	16458.8	15760.3
40°	156.0	178.3	208.1	245.2	274.9	401.3	876.8	6643.0	15485.4	17023.5	16280.4
42.5°	111.5	126.3	156.0	193.2	245.2	334.4	631.6	5781.0	15819.7	17684.8	16904.6
45°	81.7	96.6	118.9	163.5	252.6	267.5	438.4	4993.4	16176.4	17974.6	16763.4
47.5°	44.6	59.4	89.2	141.2	222.9	200.6	312.1	4287.5	16585.1	18234.7	16874.9
50°	14.9	22.3	52.0	148.6	178.3	156.0	245.2	3908.5	16986.3	18286.7	17097.8
52.5°	0.0	0.0	29.7	156.0	133.8	118.9	215.5	3759.9	16882.3	18450.2	16956.6
55°	0.0	0.0	7.4	66.9	74.3	89.2	178.3	3752.5	17617.9	18502.2	17729.4
57.5°	0.0	0.0	0.0	22.3	44.6	74.3	156.0	3514.7	18086.1	19795.1	18769.7
60°	0.0	0.0	0.0	7.4	29.7	52.0	118.9	3306.6	18561.6	20374.7	19884.3
62.5°	0.0	0.0	0.0	0.0	7.4	22.3	81.7	2987.1	17603.1	20330.1	20961.7
65°	0.0	0.0	0.0	0.0	0.0	0.0	52.0	2362.9	15834.6	19267.5	20367.3
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	29.7	1634.7	13865.5	17930.0	19275.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	988.3	11190.5	15723.1	16347.3
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	423.5	7987.9	12483.4	13412.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	170.9	4941.3	9124.8	10269.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.9	3202.6	6910.5	7794.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.9	1709.0	4332.0	5037.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	743.1	2630.4	3031.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	237.8	1597.6	1820.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	245.2	326.9
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: P599179  
 CATALOG NUMBER: IFLD-S-SA6C-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6	10536.6
2.5°	11346.5	11562.0	11643.7	11517.4	11532.3	11272.2	11235.1	10871.0	10722.4	10752.1
5°	11866.7	12178.7	12349.7	12208.5	11889.0	11391.1	10937.8	10506.9	10239.4	10105.6
7.5°	11747.8	12097.0	12312.5	12446.2	12082.1	11279.6	10588.6	9778.7	9436.9	9444.3
10°	11093.9	11822.1	12260.5	12089.6	11918.7	11116.2	10046.2	9169.4	8864.7	8894.4
12.5°	10566.3	11376.2	11636.3	11770.1	11420.8	10781.8	10061.0	9057.9	8716.1	8508.0
15°	10239.4	10841.2	10856.1	11064.2	10923.0	10923.0	10217.1	9236.2	8939.0	8708.7
17.5°	10239.4	10373.1	10358.3	10432.6	10670.3	10952.7	10610.9	9957.0	9370.0	9332.8
20°	10469.7	10053.6	9957.0	9986.7	10187.3	11027.0	11480.3	10662.9	10291.4	10172.5
22.5°	11004.7	10090.7	9503.7	9399.7	10016.4	11019.6	12037.6	11777.5	11131.0	11034.4
25°	11740.3	10023.9	9384.8	9251.1	9719.2	11287.1	12802.9	12854.9	12267.9	12067.3
27.5°	12438.8	10321.1	9370.0	9340.3	9957.0	11227.6	13330.5	13716.9	13055.6	12892.1
30°	12676.6	10618.3	9644.9	9251.1	10046.2	11443.1	13315.6	14326.2	13895.2	13932.4
32.5°	12959.0	10915.5	9674.6	9518.6	10425.1	11792.4	13739.2	15307.0	14994.9	14556.5
35°	13375.1	11316.8	9957.0	9815.8	10692.6	12104.4	13828.3	16027.8	15975.8	15463.1
37.5°	13731.7	11710.6	10544.0	10566.3	11510.0	12609.7	14222.2	16912.0	16822.9	16473.6
40°	13984.4	12260.5	11458.0	11517.4	12223.3	13174.4	14920.6	17357.9	18019.2	17506.5
42.5°	14021.5	12750.9	12505.7	12981.3	13642.6	14051.3	15203.0	17662.5	18613.6	18279.3
45°	14162.7	13531.1	14214.7	14564.0	15106.4	14824.0	15188.1	18182.7	18658.2	18487.3
47.5°	14712.6	14950.4	15812.3	16874.9	17068.1	16139.3	15544.8	18264.4	18910.9	18888.6
50°	15284.7	16473.6	17684.8	18390.7	18635.9	17045.8	15879.2	18197.5	19245.2	19066.9
52.5°	15923.8	17796.3	19542.5	20411.8	20278.1	18048.9	16258.1	18740.0	19862.0	19802.5
55°	16325.0	18390.7	20738.8	21950.0	21846.0	19170.9	17461.9	19520.2	20671.9	20523.3
57.5°	17387.6	19356.7	21927.7	22492.4	22767.3	20642.2	18301.6	20798.2	21348.1	21511.6
60°	18264.4	19988.3	22239.8	23057.1	23153.7	21519.0	19772.8	22113.5	22210.1	21660.2
62.5°	19549.9	20233.5	21578.5	22314.1	22811.9	22016.9	21095.5	22819.4	22195.2	22158.0
65°	20493.6	19431.0	20345.0	20753.7	21073.2	21258.9	22425.5	23302.3	21920.3	21199.5
67.5°	19966.0	17915.2	17744.3	17766.6	17863.2	18985.2	21979.7	22120.9	20389.6	19795.1
70°	17573.4	14697.7	14467.4	14645.7	14162.7	15515.1	20174.1	20107.2	17989.5	17372.7
72.5°	14214.7	10714.9	10321.1	10566.3	10677.8	12111.9	16971.5	15247.6	13122.4	12639.4
75°	11294.5	7854.1	6628.1	7222.5	7601.5	8820.1	13256.2	10358.3	9161.9	8508.0
77.5°	8872.1	5944.5	5156.8	4919.1	5268.3	6412.6	9644.9	5439.2	4800.2	4495.5
80°	5625.0	4369.2	4740.7	4398.9	4547.5	4577.2	5023.1	2474.4	1969.1	1946.8
82.5°	3388.4	2987.1	3551.8	1954.2	3559.3	3180.3	2088.0	1122.0	995.7	995.7
85°	2400.1	1850.2	1226.0	795.1	1582.7	1746.2	809.9	579.6	505.3	490.4
87.5°	1203.8	572.2	274.9	178.3	200.6	326.9	96.6	44.6	44.6	37.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)