

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: P599174

Luminaire Tested: **IFLD-S-SA3C-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: P599174  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3C-730-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (48) 3000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

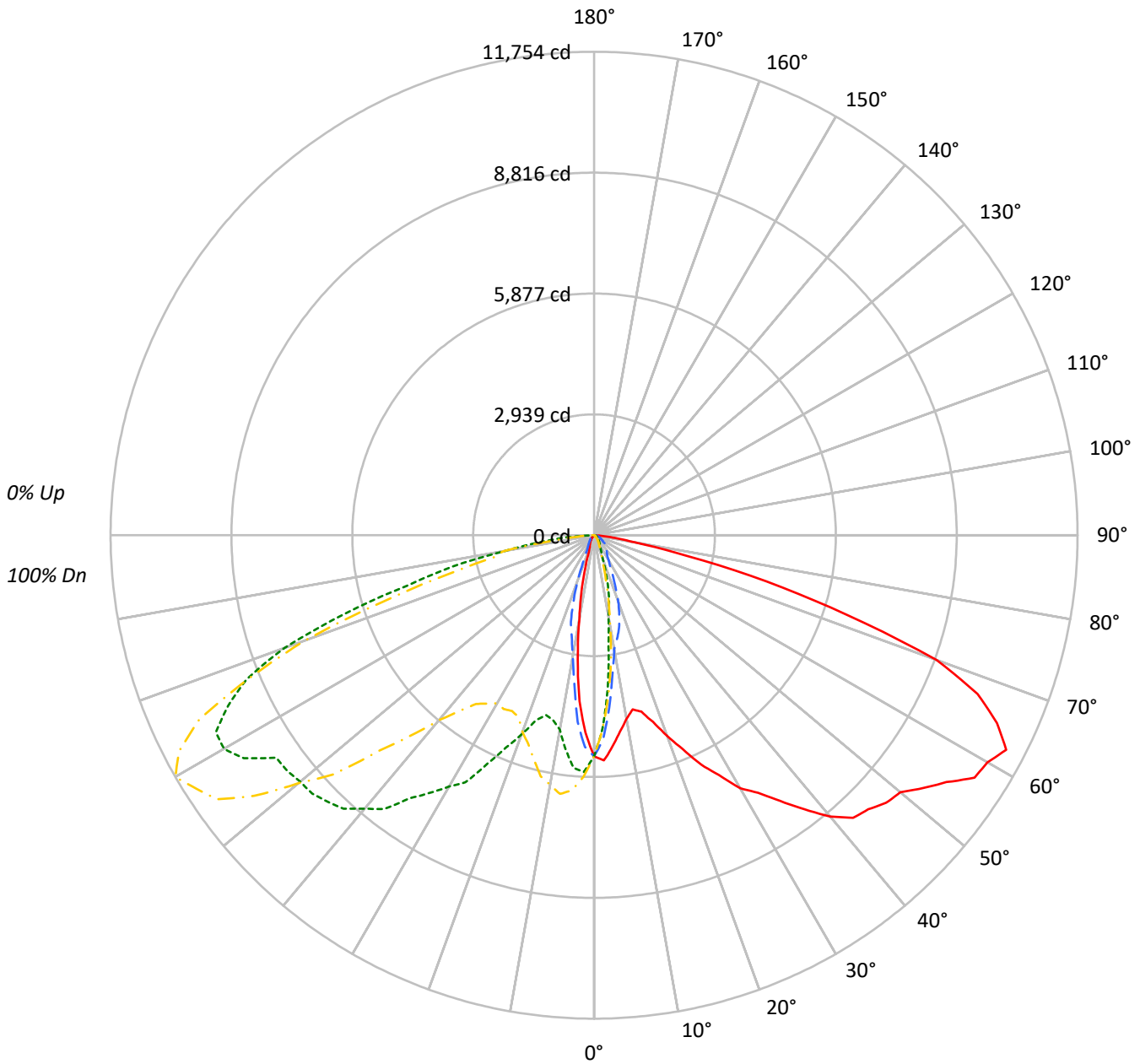
Lumens per Lamp: N/A  
 Luminaire Lumens: 14049.9 lumens  
 Efficiency: N/A  
 Efficacy: 87.4 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 160.8  
 Input Voltage (V): 120  
 Input Current (A<sub>in</sub>): 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°	77088	77088	77088	77088
5°	74218	54244	58392	81803
10°	66077	29533	29919	69942
15°	65961	19699	12044	67201
20°	79201	9834	4802	78738
25°	97414	6179	3720	96934
30°	117700	4958	2826	116948
35°	138106	3982	2190	136714
40°	167197	3406	1420	162585
45°	191282	3075	769	185978
50°	217020	2961	170	208140
55°	261783	2842	0	236003
60°	316941	2391	0	298132
65°	366996	1929	0	333553
70°	371621	1590	0	336335
75°	240504	1048	0	257938
80°	82021	314	0	182523
85°	41167	0	0	134107

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	406.9	2.9
10°-20°	787.9	5.6
20°-30°	1097.3	7.8
30°-40°	1559.1	11.1
40°-50°	2162.1	15.4
50°-60°	2946.0	21.0
60°-70°	3238.9	23.1
70°-80°	1591.9	11.3
80°-90°	260.0	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°	2292.0	16.3
0°-40°	3851.2	27.4
0°-60°	8959.2	63.8
0°-90°	14049.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14049.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5371	5371	5371	5371	5371	
5°	5152	3765	4053	5678	5152	471
15°	4439	1326	811	4523	4439	1314
25°	6152	390	235	6121	6152	2860
35°	7883	227	125	7803	7883	5004
45°	9424	152	38	9163	9424	7306
55°	10462	114	0	9432	10462	9411
65°	10807	57	0	9822	10807	10444
75°	4337	19	0	4652	4337	4728
85°	250	0	0	814	250	346
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°	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3
2.5°	5481.1	5545.5	5484.9	5272.8	5234.9	5132.6	4977.3	4966.0	4803.1	4822.0	4734.9
5°	5151.6	5216.0	5087.2	4806.9	4545.5	4337.2	4212.2	3988.7	3939.4	3829.6	3829.6
7.5°	4814.4	4810.7	4591.0	4356.1	3965.9	3583.4	3409.1	3087.2	2897.8	2795.5	2697.0
10°	4534.1	4473.5	4337.2	3852.3	3428.1	3030.3	2814.4	2602.3	2405.3	2234.9	2064.4
12.5°	4337.2	4375.0	4159.1	3632.6	3083.4	2806.8	2575.8	2352.3	2117.4	1924.3	1734.9
15°	4439.4	4378.8	4125.0	3583.4	3026.5	2647.8	2340.9	2068.2	1806.8	1553.0	1409.1
17.5°	4757.6	4602.3	4303.1	3583.4	2909.1	2405.3	2034.1	1712.1	1431.8	1204.6	1026.5
20°	5185.7	5007.6	4685.7	3715.9	2822.0	2227.3	1719.7	1314.4	1022.7	810.6	674.2
22.5°	5625.1	5484.9	5000.0	3769.0	2719.7	1988.7	1356.1	950.8	681.8	545.5	477.3
25°	6151.6	5954.6	5424.3	3981.1	2568.2	1757.6	1068.2	662.9	507.6	435.6	393.9
27.5°	6572.0	6537.9	5822.0	4109.9	2454.6	1568.2	844.7	526.5	420.5	367.4	340.9
30°	7102.3	6916.7	6306.9	4367.5	2325.8	1352.3	704.6	473.5	386.4	329.5	310.6
32.5°	7420.5	7333.4	6560.7	4511.4	2181.8	1174.3	606.1	416.7	352.3	310.6	291.7
35°	7882.6	7708.4	6924.3	4602.3	2106.1	1072.0	545.5	378.8	295.5	253.8	231.1
37.5°	8397.8	8333.4	7359.9	4598.5	1996.2	1011.4	503.8	352.3	280.3	234.9	208.3
40°	8924.3	8663.0	7625.1	4704.6	1939.4	965.9	473.5	337.1	265.2	223.5	189.4
42.5°	9318.3	9019.0	7931.9	4666.7	1871.2	886.4	462.1	314.4	253.8	204.5	174.2
45°	9424.3	9318.3	8208.4	4655.3	1822.0	822.0	443.2	310.6	246.2	193.2	162.9
47.5°	9628.9	9556.9	8549.3	4674.3	1784.1	772.7	397.7	318.2	234.9	181.8	155.3
50°	9719.8	9591.0	8825.8	4719.7	1697.0	712.1	356.1	333.3	231.1	178.0	147.7
52.5°	10094.8	9981.2	9204.6	4848.5	1625.0	632.6	314.4	318.2	238.6	166.7	140.2
55°	10462.2	10333.4	9788.0	5144.0	1522.7	568.2	268.9	280.3	227.3	151.5	125.0
57.5°	10966.0	10753.9	10178.1	5265.2	1431.8	481.1	238.6	231.1	212.1	136.4	109.8
60°	11041.8	11128.9	10121.3	5189.4	1337.1	424.2	208.3	178.0	227.3	121.2	94.7
62.5°	11295.6	10931.9	9856.2	5015.2	1269.0	390.2	185.6	147.7	197.0	106.1	79.5
65°	10806.9	10538.0	9234.9	4454.6	1181.8	393.9	162.9	121.2	125.0	87.1	64.4
67.5°	10091.0	9878.9	8204.6	3844.7	1094.7	386.4	143.9	106.1	94.7	75.8	56.8
70°	8856.1	8397.8	6969.8	3121.2	965.9	359.9	121.2	94.7	79.5	60.6	41.7
72.5°	6443.2	6257.6	5000.0	2412.9	867.4	325.8	113.6	79.5	68.2	45.5	34.1
75°	4337.2	4030.3	3155.3	1583.3	697.0	284.1	94.7	72.0	53.0	34.1	26.5
77.5°	2291.7	2166.7	1787.9	753.8	386.4	132.6	53.0	41.7	30.3	26.5	15.2
80°	992.4	882.6	772.7	306.8	136.4	60.6	34.1	22.7	18.9	15.2	7.6
82.5°	507.6	484.9	401.5	132.6	79.5	45.5	18.9	15.2	11.4	7.6	3.8
85°	250.0	257.6	212.1	41.7	45.5	26.5	3.8	3.8	0.0	0.0	0.0
87.5°	18.9	18.9	15.2	7.6	11.4	3.8	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°	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3
2.5°	4700.8	4753.8	4662.9	4719.7	4693.2	4704.6	4716.0	4685.7	4693.2	4799.3	4803.1
5°	3765.2	3867.5	3829.6	3882.6	3973.5	3928.1	3969.7	3962.2	3969.7	3984.9	4053.1
7.5°	2685.6	2655.3	2727.3	2867.5	3030.3	3128.8	3079.6	3053.1	3037.9	3000.0	3045.5
10°	2026.5	2011.4	1992.4	2034.1	2140.2	2250.0	2310.6	2208.4	2151.5	2079.6	2053.0
12.5°	1681.8	1587.1	1534.1	1469.7	1500.0	1598.5	1602.3	1503.8	1412.9	1375.0	1416.7
15°	1325.8	1261.4	1166.7	1075.8	1030.3	1106.1	1041.7	947.0	829.6	814.4	810.6
17.5°	947.0	909.1	840.9	803.0	750.0	731.1	662.9	518.9	435.6	412.9	420.5
20°	643.9	613.6	609.9	575.8	553.0	537.9	428.0	333.3	306.8	310.6	314.4
22.5°	477.3	462.1	443.2	439.4	420.5	401.5	314.4	280.3	261.4	261.4	272.7
25°	390.2	382.6	363.6	356.1	348.5	322.0	265.2	238.6	231.1	223.5	234.9
27.5°	333.3	329.5	318.2	306.8	299.2	272.7	231.1	208.3	200.8	200.8	200.8
30°	299.2	299.2	284.1	261.4	261.4	231.1	197.0	181.8	174.2	174.2	170.5
32.5°	280.3	272.7	253.8	238.6	227.3	197.0	174.2	159.1	147.7	147.7	151.5
35°	227.3	227.3	223.5	212.1	197.0	166.7	147.7	132.6	125.0	121.2	125.0
37.5°	200.8	189.4	174.2	178.0	170.5	143.9	125.0	113.6	102.3	102.3	102.3
40°	181.8	170.5	155.3	143.9	140.2	128.8	109.8	90.9	79.5	75.8	75.8
42.5°	162.9	155.3	132.6	113.6	109.8	109.8	83.3	68.2	56.8	56.8	56.8
45°	151.5	140.2	121.2	98.5	79.5	83.3	68.2	49.2	41.7	37.9	37.9
47.5°	143.9	132.6	106.1	83.3	60.6	60.6	49.2	34.1	26.5	22.7	22.7
50°	132.6	121.2	94.7	68.2	45.5	37.9	30.3	18.9	11.4	7.6	7.6
52.5°	125.0	113.6	83.3	56.8	37.9	26.5	18.9	3.8	0.0	0.0	0.0
55°	113.6	98.5	72.0	45.5	30.3	15.2	3.8	0.0	0.0	0.0	0.0
57.5°	98.5	87.1	56.8	34.1	18.9	3.8	0.0	0.0	0.0	0.0	0.0
60°	83.3	72.0	45.5	26.5	7.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	68.2	60.6	34.1	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	56.8	45.5	26.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	49.2	37.9	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	37.9	26.5	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	26.5	18.9	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	18.9	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	11.4	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.8	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°	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3
2.5°	4818.2	4931.9	5037.9	5068.2	5151.6	5382.6	5382.6	5492.5	5689.4	5761.4	5776.6
5°	4064.4	4185.6	4208.4	4443.2	4553.1	4787.9	4943.2	5314.4	5537.9	5678.1	5765.2
7.5°	3090.9	3132.6	3219.7	3439.4	3655.3	3939.4	4234.9	4708.4	5102.3	5261.4	5556.9
10°	2125.0	2250.0	2439.4	2636.4	2973.5	3287.9	3670.5	4117.5	4602.3	4799.3	5053.1
12.5°	1431.8	1606.1	1909.1	2189.4	2500.0	2818.2	3181.8	3780.3	4329.6	4602.3	4856.1
15°	837.1	1049.3	1310.6	1765.2	2178.1	2534.1	2897.8	3503.8	4170.5	4522.8	4833.4
17.5°	424.2	488.6	704.6	1098.5	1644.0	2227.3	2769.0	3541.7	4291.7	4723.5	4981.1
20°	318.2	337.1	397.7	583.3	1125.0	1840.9	2647.8	3598.5	4628.8	5155.4	5295.5
22.5°	276.5	291.7	318.2	378.8	632.6	1409.1	2477.3	3738.7	5087.2	5583.4	5878.8
25°	234.9	250.0	272.7	310.6	405.3	958.3	2269.0	3886.4	5496.3	6121.3	6397.8
27.5°	204.5	215.9	238.6	268.9	329.5	609.9	1909.1	4083.4	6121.3	6772.8	6844.8
30°	174.2	185.6	204.5	238.6	280.3	431.8	1401.5	4109.9	6466.0	7056.9	7257.6
32.5°	151.5	155.3	178.0	208.3	234.9	340.9	984.9	4136.4	6719.8	7424.3	7466.0
35°	125.0	132.6	155.3	174.2	204.5	268.9	746.2	4003.8	7049.3	7803.1	7791.7
37.5°	102.3	113.6	128.8	143.9	166.7	227.3	594.7	3757.6	7462.2	8390.2	8034.2
40°	79.5	90.9	106.1	125.0	140.2	204.5	447.0	3386.4	7894.0	8678.1	8299.3
42.5°	56.8	64.4	79.5	98.5	125.0	170.5	322.0	2947.0	8064.5	9015.2	8617.5
45°	41.7	49.2	60.6	83.3	128.8	136.4	223.5	2545.5	8246.3	9163.0	8545.5
47.5°	22.7	30.3	45.5	72.0	113.6	102.3	159.1	2185.6	8454.6	9295.5	8602.4
50°	7.6	11.4	26.5	75.8	90.9	79.5	125.0	1992.4	8659.2	9322.1	8716.0
52.5°	0.0	0.0	15.2	79.5	68.2	60.6	109.8	1916.7	8606.1	9405.4	8644.0
55°	0.0	0.0	3.8	34.1	37.9	45.5	90.9	1912.9	8981.1	9431.9	9038.0
57.5°	0.0	0.0	0.0	11.4	22.7	37.9	79.5	1791.7	9219.8	10091.0	9568.3
60°	0.0	0.0	0.0	3.8	15.2	26.5	60.6	1685.6	9462.2	10386.5	10136.5
62.5°	0.0	0.0	0.0	0.0	3.8	11.4	41.7	1522.7	8973.6	10363.7	10685.7
65°	0.0	0.0	0.0	0.0	0.0	0.0	26.5	1204.6	8072.0	9822.1	10382.7
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	15.2	833.3	7068.2	9140.2	9825.8
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	503.8	5704.6	8015.2	8333.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	215.9	4072.0	6363.7	6837.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.1	2519.0	4651.6	5234.9
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.1	1632.6	3522.8	3973.5
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	871.2	2208.4	2568.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	378.8	1340.9	1545.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	121.2	814.4	928.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	125.0	166.7
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: P599174  
 CATALOG NUMBER: IFLD-S-SA3C-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3	5371.3
2.5°	5784.1	5894.0	5935.7	5871.3	5878.8	5746.3	5727.3	5541.7	5466.0	5481.1
5°	6049.3	6208.4	6295.5	6223.5	6060.7	5806.9	5575.8	5356.1	5219.7	5151.6
7.5°	5988.7	6166.7	6276.6	6344.8	6159.1	5750.1	5397.8	4984.9	4810.7	4814.4
10°	5655.4	6026.6	6250.1	6162.9	6075.8	5666.7	5121.3	4674.3	4519.0	4534.1
12.5°	5386.4	5799.3	5931.9	6000.1	5822.0	5496.3	5128.8	4617.5	4443.2	4337.2
15°	5219.7	5526.6	5534.1	5640.2	5568.2	5568.2	5208.4	4708.4	4556.9	4439.4
17.5°	5219.7	5287.9	5280.4	5318.2	5439.4	5583.4	5409.1	5075.8	4776.6	4757.6
20°	5337.2	5125.0	5075.8	5091.0	5193.2	5621.3	5852.3	5435.7	5246.3	5185.7
22.5°	5609.9	5144.0	4844.7	4791.7	5106.1	5617.5	6136.4	6003.8	5674.3	5625.1
25°	5984.9	5109.9	4784.1	4716.0	4954.6	5753.8	6526.6	6553.1	6253.8	6151.6
27.5°	6341.0	5261.4	4776.6	4761.4	5075.8	5723.5	6795.5	6992.5	6655.4	6572.0
30°	6462.2	5412.9	4916.7	4716.0	5121.3	5833.4	6787.9	7303.1	7083.4	7102.3
32.5°	6606.1	5564.4	4931.9	4852.3	5314.4	6011.4	7003.9	7803.1	7644.0	7420.5
35°	6818.2	5769.0	5075.8	5003.8	5450.8	6170.5	7049.3	8170.5	8144.0	7882.6
37.5°	7000.1	5969.8	5375.1	5386.4	5867.5	6428.1	7250.1	8621.3	8575.8	8397.8
40°	7128.9	6250.1	5841.0	5871.3	6231.1	6716.0	7606.1	8848.6	9185.7	8924.3
42.5°	7147.8	6500.1	6375.1	6617.5	6954.6	7162.9	7750.1	9003.9	9488.7	9318.3
45°	7219.8	6897.8	7246.3	7424.3	7700.8	7556.9	7742.5	9269.0	9511.5	9424.3
47.5°	7500.1	7621.3	8060.7	8602.4	8700.8	8227.3	7924.3	9310.7	9640.2	9628.9
50°	7791.7	8397.8	9015.2	9375.1	9500.1	8689.5	8094.8	9276.6	9810.7	9719.8
52.5°	8117.5	9072.1	9962.2	10405.4	10337.2	9200.8	8288.0	9553.1	10125.1	10094.8
55°	8322.0	9375.1	10572.1	11189.5	11136.5	9772.8	8901.6	9950.9	10538.0	10462.2
57.5°	8863.7	9867.5	11178.1	11466.0	11606.2	10522.8	9329.6	10602.4	10882.7	10966.0
60°	9310.7	10189.5	11337.2	11753.9	11803.1	10969.8	10079.6	11272.8	11322.1	11041.8
62.5°	9966.0	10314.5	11000.1	11375.1	11628.9	11223.6	10753.9	11632.7	11314.5	11295.6
65°	10447.1	9905.4	10371.3	10579.6	10742.5	10837.2	11431.9	11878.9	11174.3	10806.9
67.5°	10178.1	9132.7	9045.5	9056.9	9106.1	9678.1	11204.7	11276.6	10394.0	10091.0
70°	8958.4	7492.5	7375.1	7466.0	7219.8	7909.2	10284.2	10250.1	9170.5	8856.1
72.5°	7246.3	5462.2	5261.4	5386.4	5443.2	6174.3	8651.6	7772.8	6689.5	6443.2
75°	5757.6	4003.8	3378.8	3681.9	3875.0	4496.3	6757.6	5280.4	4670.5	4337.2
77.5°	4522.8	3030.3	2628.8	2507.6	2685.6	3269.0	4916.7	2772.8	2447.0	2291.7
80°	2867.5	2227.3	2416.7	2242.4	2318.2	2333.4	2560.6	1261.4	1003.8	992.4
82.5°	1727.3	1522.7	1810.6	996.2	1814.4	1621.2	1064.4	572.0	507.6	507.6
85°	1223.5	943.2	625.0	405.3	806.8	890.2	412.9	295.5	257.6	250.0
87.5°	613.6	291.7	140.2	90.9	102.3	166.7	49.2	22.7	22.7	18.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)