

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: P598711

Luminaire Tested: **IFLD-S-SA3D-740-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598711  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3D-740-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (48) 4000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

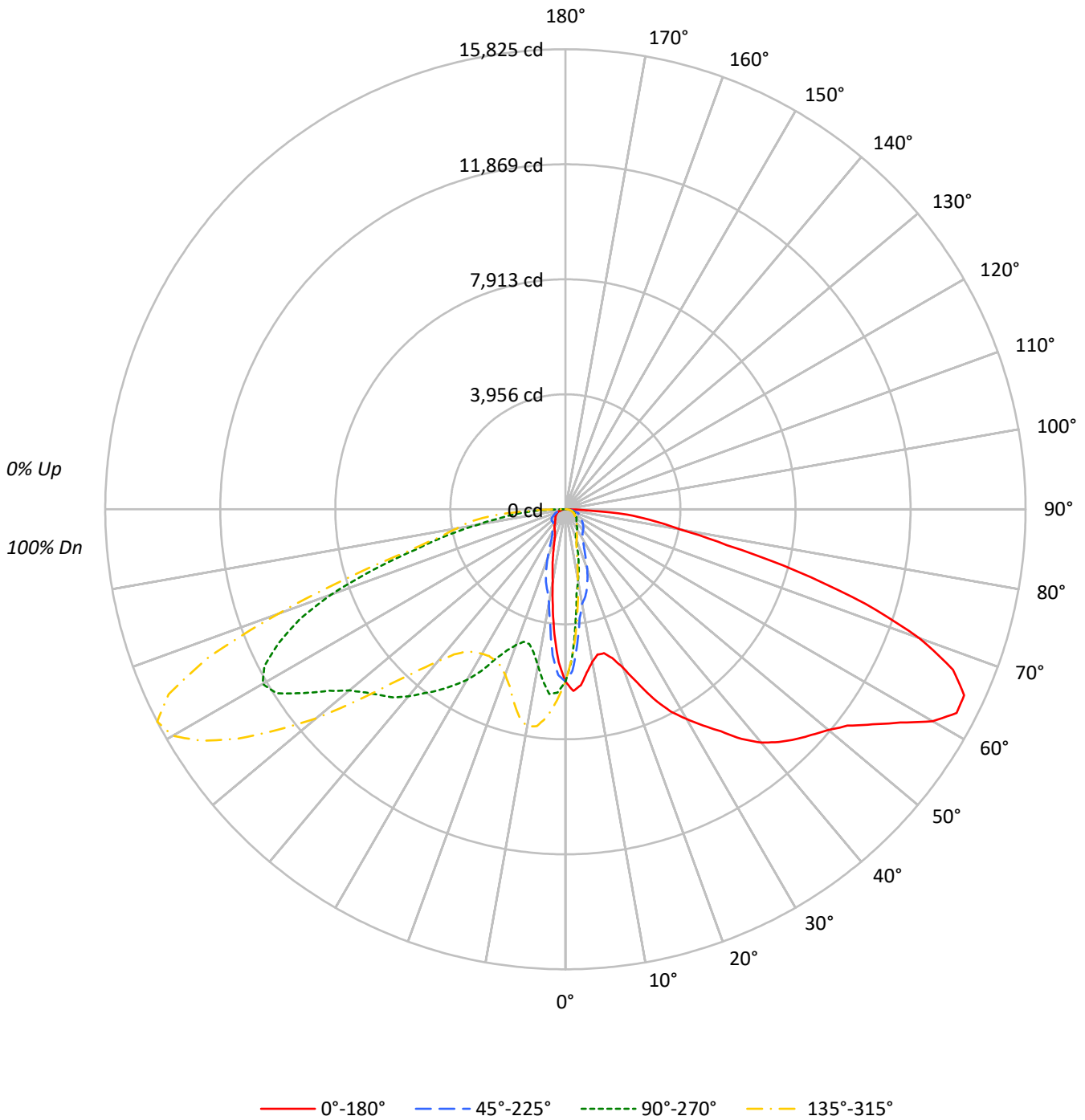
Lumens per Lamp: N/A  
 Luminaire Lumens: 19824.4 lumens  
 Efficiency: N/A  
 Efficacy: 107.7 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 184.1  
 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



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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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77	77	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59	59	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46	46	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36	36	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30	30	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25	25	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21	21	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18	18	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16	16	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14	14	14

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

	0°	90°	180°	270°
0°	84990	84990	84990	84990
5°	87466	56876	62135	91887
10°	77600	36140	36503	79413
15°	76159	25633	24277	71229
20°	88545	16214	16341	75878
25°	113872	13923	13528	89705
30°	137999	13195	12371	112296
35°	163334	11625	11189	133108
40°	196255	11033	10256	157253
45°	227091	10942	9931	183323
50°	263704	11110	10001	216481
55°	322711	11415	10169	275807
60°	418527	11427	10712	344962
65°	513749	11550	10986	369255
70°	543628	12182	11485	359519
75°	457613	12876	11501	293427
80°	332465	15083	11654	253634
85°	352376	21852	9567	263586

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	458.3	2.3
10°-20°	959.2	4.8
20°-30°	1382.3	7.0
30°-40°	1989.9	10.0
40°-50°	2826.5	14.3
50°-60°	4063.8	20.5
60°-70°	4695.0	23.7
70°-80°	2658.4	13.4
80°-90°	791.2	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°	2799.8	14.1
0°-40°	4789.7	24.2
0°-60°	11679.9	58.9
0°-90°	19824.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19824.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5922	5922	5922	5922	5922	
5°	6071	3948	4313	6378	6071	551
15°	5126	1725	1634	4794	5126	1507
25°	7191	879	854	5665	7191	3338
35°	9322	664	639	7597	9322	5917
45°	11189	539	489	9032	11189	8664
55°	12897	456	406	11023	12897	11680
65°	15128	340	324	10873	15128	14507
75°	8252	232	207	5292	8252	8756
85°	2140	133	58	1601	2140	2131
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°	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9
2.5°	6253.7	6245.4	6195.6	6038.0	5872.2	5714.6	5565.3	5407.7	5324.8	5225.2	5183.8
5°	6071.2	6054.6	5913.6	5565.3	5258.4	4926.6	4644.6	4420.7	4238.2	4055.8	3989.4
7.5°	5656.5	5631.6	5465.8	4984.7	4536.8	4105.5	3765.5	3475.2	3234.7	3126.8	3002.4
10°	5324.8	5283.3	5067.6	4536.8	3956.2	3525.0	3301.0	3102.0	2894.6	2720.4	2538.0
12.5°	5117.4	5067.6	4843.7	4221.7	3657.7	3334.2	3102.0	2878.0	2620.9	2405.3	2206.2
15°	5125.7	5067.6	4793.9	4138.7	3583.0	3168.3	2844.8	2538.0	2239.4	1998.9	1774.9
17.5°	5366.2	5291.6	5001.3	4254.8	3525.0	2952.7	2521.4	2123.3	1783.2	1526.1	1343.6
20°	5797.5	5747.7	5416.0	4429.0	3466.9	2720.4	2189.6	1708.6	1351.9	1152.9	1078.2
22.5°	6444.4	6386.4	6029.7	4694.4	3450.3	2513.1	1833.0	1343.6	1086.5	1003.6	962.1
25°	7190.9	7083.1	6751.3	5142.3	3483.5	2322.3	1542.7	1111.4	970.4	912.3	887.5
27.5°	7837.8	7771.5	7398.3	5565.3	3500.1	2173.0	1343.6	1011.9	904.0	854.3	837.7
30°	8327.2	8302.3	7937.4	6029.7	3458.6	1990.6	1219.2	970.4	904.0	854.3	804.5
32.5°	8816.5	8824.8	8435.0	6386.4	3400.5	1833.0	1103.1	862.6	796.2	763.0	771.3
35°	9322.5	9363.9	9032.2	6734.7	3276.1	1774.9	1020.2	804.5	746.5	696.7	671.8
37.5°	9961.1	10068.9	9745.5	7124.6	3151.7	1725.2	978.7	763.0	705.0	663.5	630.3
40°	10475.3	10674.4	10483.6	7489.5	3068.8	1667.1	945.5	721.6	680.1	630.3	605.5
42.5°	10856.9	11089.1	11022.7	7771.5	3068.8	1609.0	912.3	696.7	663.5	605.5	572.3
45°	11188.6	11429.1	11420.9	8061.8	3135.1	1575.9	870.9	696.7	646.9	588.9	555.7
47.5°	11487.2	11727.7	11810.7	8426.7	3243.0	1559.3	821.1	680.1	646.9	580.6	530.8
50°	11810.7	12076.1	12324.9	9007.3	3375.7	1517.8	787.9	655.2	655.2	572.3	514.2
52.5°	12225.4	12524.0	12980.1	9728.9	3508.4	1443.2	738.2	638.6	655.2	564.0	497.6
55°	12897.2	13146.0	13743.2	10591.5	3674.2	1351.9	696.7	597.2	622.1	539.1	472.8
57.5°	13651.9	13867.6	14365.2	11255.0	3724.0	1235.8	638.6	555.7	597.2	514.2	439.6
60°	14580.9	14688.7	14688.7	11445.7	3558.1	1128.0	597.2	522.5	539.1	489.3	414.7
62.5°	15169.7	15169.7	14688.7	11097.4	3243.0	1036.8	564.0	489.3	472.8	456.2	389.8
65°	15128.3	15061.9	14348.6	10085.5	2878.0	978.7	530.8	447.9	423.0	414.7	364.9
67.5°	14431.6	14315.5	13345.1	8658.9	2496.5	953.8	497.6	406.4	389.8	373.2	331.8
70°	12955.2	12656.7	11462.3	6967.0	2123.3	937.2	489.3	373.2	356.6	340.1	306.9
72.5°	10815.4	10433.9	8949.2	5357.9	1783.2	879.2	464.5	331.8	323.5	306.9	273.7
75°	8252.5	7547.5	6245.4	4097.2	1385.1	763.0	398.1	290.3	290.3	282.0	248.8
77.5°	5689.7	5324.8	4354.4	3027.3	1011.9	588.9	323.5	257.1	257.1	265.4	232.2
80°	4022.6	3682.5	3102.0	2173.0	638.6	398.1	248.8	215.6	240.5	257.1	215.6
82.5°	3077.1	2828.3	2305.7	1584.2	373.2	273.7	190.8	174.2	207.4	223.9	182.5
85°	2139.9	1841.3	1169.5	1061.6	215.6	165.9	141.0	141.0	182.5	223.9	165.9
87.5°	605.5	257.1	74.6	315.2	91.2	66.4	49.8	33.2	49.8	49.8	33.2
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°	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9
2.5°	5142.3	5092.5	5092.5	5075.9	5084.2	5092.5	5084.2	5142.3	5167.2	5200.3	5266.7
5°	3947.9	4014.3	3964.5	4014.3	4080.7	4180.2	4205.1	4279.7	4288.0	4346.1	4312.9
7.5°	2927.8	2919.5	2878.0	2936.1	3118.5	3259.5	3325.9	3367.4	3375.7	3375.7	3334.2
10°	2479.9	2405.3	2330.6	2289.1	2305.7	2455.0	2504.8	2529.7	2513.1	2538.0	2504.8
12.5°	2123.3	2056.9	1949.1	1874.4	1824.7	1866.2	1915.9	1940.8	1957.4	1998.9	2032.0
15°	1725.2	1658.8	1592.5	1551.0	1509.5	1476.3	1517.8	1542.7	1584.2	1617.3	1633.9
17.5°	1310.5	1277.3	1244.1	1269.0	1269.0	1252.4	1269.0	1277.3	1293.9	1318.7	1310.5
20°	1061.6	1053.3	1045.0	1086.5	1119.7	1119.7	1136.3	1111.4	1103.1	1078.2	1069.9
22.5°	945.5	945.5	953.8	987.0	1020.2	1036.8	1036.8	995.3	953.8	937.2	945.5
25°	879.2	879.2	904.0	912.3	928.9	928.9	937.2	895.8	870.9	846.0	854.3
27.5°	829.4	829.4	837.7	837.7	846.0	846.0	854.3	837.7	804.5	796.2	796.2
30°	796.2	796.2	787.9	787.9	787.9	787.9	796.2	771.3	754.8	746.5	746.5
32.5°	763.0	754.8	746.5	746.5	738.2	738.2	746.5	721.6	713.3	713.3	713.3
35°	663.5	655.2	663.5	680.1	680.1	688.4	688.4	680.1	663.5	646.9	638.6
37.5°	622.1	613.8	613.8	613.8	630.3	638.6	646.9	630.3	605.5	580.6	580.6
40°	588.9	588.9	580.6	580.6	580.6	597.2	613.8	588.9	555.7	547.4	547.4
42.5°	564.0	555.7	547.4	539.1	530.8	555.7	572.3	539.1	522.5	522.5	522.5
45°	539.1	530.8	522.5	514.2	505.9	514.2	530.8	497.6	489.3	489.3	489.3
47.5°	514.2	505.9	489.3	481.1	472.8	472.8	489.3	464.5	456.2	464.5	464.5
50°	497.6	481.1	464.5	456.2	447.9	447.9	447.9	439.6	439.6	439.6	447.9
52.5°	481.1	464.5	439.6	431.3	423.0	423.0	423.0	423.0	414.7	423.0	431.3
55°	456.2	439.6	423.0	414.7	406.4	398.1	406.4	398.1	398.1	406.4	406.4
57.5°	423.0	406.4	389.8	389.8	381.5	381.5	389.8	381.5	381.5	389.8	389.8
60°	398.1	381.5	364.9	364.9	356.6	364.9	373.2	364.9	364.9	364.9	373.2
62.5°	364.9	356.6	340.1	340.1	340.1	340.1	348.3	340.1	348.3	348.3	348.3
65°	340.1	323.5	315.2	315.2	315.2	315.2	331.8	315.2	323.5	323.5	323.5
67.5°	315.2	298.6	290.3	290.3	290.3	290.3	306.9	290.3	298.6	306.9	298.6
70°	290.3	273.7	265.4	265.4	265.4	265.4	273.7	265.4	265.4	273.7	273.7
72.5°	257.1	248.8	240.5	240.5	232.2	240.5	248.8	240.5	240.5	240.5	240.5
75°	232.2	223.9	223.9	215.6	215.6	215.6	223.9	207.4	207.4	207.4	207.4
77.5°	215.6	199.1	199.1	199.1	190.8	199.1	190.8	174.2	174.2	174.2	174.2
80°	182.5	165.9	174.2	174.2	165.9	165.9	157.6	141.0	141.0	141.0	141.0
82.5°	149.3	132.7	141.0	141.0	141.0	141.0	124.4	116.1	107.8	99.5	99.5
85°	132.7	107.8	124.4	124.4	116.1	116.1	82.9	82.9	66.4	66.4	58.1
87.5°	24.9	16.6	33.2	41.5	41.5	49.8	33.2	41.5	24.9	16.6	16.6
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°	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9
2.5°	5258.4	5349.6	5474.0	5565.3	5706.3	5814.1	5980.0	6121.0	6253.7	6311.7	6369.8
5°	4412.4	4470.5	4661.2	4810.5	5034.5	5275.0	5573.6	5897.0	6228.8	6378.1	6552.3
7.5°	3301.0	3408.8	3516.7	3732.3	4006.0	4395.8	4777.4	5258.4	5722.9	5946.8	6245.4
10°	2562.8	2645.8	2770.2	2994.1	3251.3	3574.7	4030.9	4603.2	5158.9	5449.2	5756.0
12.5°	2056.9	2173.0	2338.9	2571.1	2869.7	3201.5	3533.2	4064.1	4711.0	5042.8	5391.1
15°	1667.1	1758.3	1940.8	2231.1	2579.4	2919.5	3267.8	3707.4	4412.4	4793.9	5208.6
17.5°	1327.0	1393.4	1559.3	1849.6	2197.9	2579.4	2977.5	3533.2	4312.9	4777.4	5266.7
20°	1078.2	1128.0	1235.8	1451.5	1783.2	2197.9	2695.6	3367.4	4370.9	4968.1	5565.3
22.5°	945.5	962.1	1011.9	1128.0	1401.7	1841.3	2438.4	3226.4	4478.8	5250.1	6054.6
25°	854.3	870.9	887.5	962.1	1119.7	1534.4	2214.5	3143.4	4711.0	5664.8	6618.6
27.5°	796.2	812.8	821.1	854.3	962.1	1310.5	2023.7	3093.7	5026.2	6270.3	7315.3
30°	746.5	746.5	771.3	821.1	895.8	1152.9	1857.9	2977.5	5357.9	6776.2	7862.7
32.5°	705.0	713.3	746.5	771.3	821.1	1020.2	1692.0	2828.3	5656.5	7190.9	8401.8
35°	630.3	630.3	638.6	680.1	746.5	912.3	1542.7	2679.0	5822.4	7597.3	8882.9
37.5°	580.6	588.9	605.5	638.6	696.7	837.7	1418.3	2513.1	5996.6	7978.8	9446.9
40°	547.4	555.7	572.3	605.5	663.5	771.3	1310.5	2380.4	6179.0	8393.5	10052.3
42.5°	522.5	530.8	547.4	580.6	630.3	754.8	1194.3	2272.6	6286.9	8775.1	10624.6
45°	497.6	505.9	530.8	564.0	605.5	738.2	1128.0	2197.9	6328.3	9032.2	11080.8
47.5°	472.8	481.1	505.9	555.7	605.5	713.3	1103.1	2156.4	6361.5	9322.5	11445.7
50°	447.9	464.5	497.6	547.4	613.8	680.1	1086.5	2148.1	6552.3	9695.7	11794.1
52.5°	431.3	456.2	489.3	547.4	605.5	630.3	1078.2	2173.0	6933.8	10251.4	12291.7
55°	414.7	439.6	472.8	547.4	580.6	588.9	1036.8	2214.5	7514.4	11022.7	12996.7
57.5°	398.1	414.7	456.2	530.8	547.4	555.7	953.8	2272.6	8095.0	11777.5	13718.3
60°	373.2	389.8	431.3	530.8	497.6	522.5	846.0	2289.1	8509.7	12018.0	13784.6
62.5°	348.3	364.9	406.4	547.4	456.2	489.3	754.8	2231.1	8592.6	11669.7	13411.4
65°	323.5	340.1	373.2	456.2	423.0	456.2	696.7	2073.5	8318.9	10873.4	12731.3
67.5°	298.6	315.2	340.1	373.2	381.5	414.7	671.8	1824.7	7630.5	9886.5	11802.4
70°	265.4	282.0	306.9	331.8	340.1	389.8	630.3	1584.2	6519.1	8567.7	10666.1
72.5°	240.5	248.8	273.7	290.3	306.9	356.6	605.5	1385.1	4984.7	6933.8	8700.4
75°	207.4	207.4	232.2	248.8	265.4	315.2	555.7	1152.9	3516.7	5291.6	6394.7
77.5°	174.2	174.2	190.8	207.4	223.9	273.7	472.8	937.2	2438.4	4196.8	4636.4
80°	132.7	132.7	149.3	165.9	182.5	232.2	381.5	688.4	1509.5	3068.8	3375.7
82.5°	91.2	91.2	116.1	124.4	132.7	182.5	290.3	472.8	887.5	2214.5	2413.6
85°	49.8	49.8	66.4	74.6	91.2	132.7	215.6	331.8	530.8	1600.7	1609.0
87.5°	8.3	8.3	24.9	24.9	41.5	66.4	124.4	182.5	298.6	887.5	564.0
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: P598711  
 CATALOG NUMBER: IFLD-S-SA3D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9	5921.9
2.5°	6477.6	6568.9	6577.2	6577.2	6535.7	6544.0	6427.9	6303.4	6262.0	6253.7
5°	6817.7	7058.2	7124.6	7157.7	7049.9	6884.0	6585.4	6262.0	6096.1	6071.2
7.5°	6751.3	7232.4	7489.5	7522.7	7307.0	6917.2	6394.7	5897.0	5706.3	5656.5
10°	6361.5	7008.4	7472.9	7589.0	7356.8	6859.1	6179.0	5598.5	5366.2	5324.8
12.5°	6087.8	6709.9	7166.0	7323.6	7215.8	6784.5	6071.2	5407.7	5175.5	5117.4
15°	5938.5	6510.8	6809.4	6859.1	6850.9	6668.4	6071.2	5449.2	5192.1	5125.7
17.5°	6062.9	6452.7	6494.2	6378.1	6444.4	6535.7	6203.9	5673.1	5424.3	5366.2
20°	6311.7	6427.9	6228.8	6054.6	6087.8	6378.1	6411.3	6096.1	5897.0	5797.5
22.5°	6834.3	6519.1	6062.9	5822.4	5847.3	6253.7	6685.0	6668.4	6494.2	6444.4
25°	7365.1	6776.2	6013.2	5731.2	5764.3	6228.8	7008.4	7307.0	7215.8	7190.9
27.5°	7954.0	7207.5	6046.3	5689.7	5731.2	6262.0	7232.4	7846.1	7862.7	7837.8
30°	8352.1	7414.8	6145.9	5739.5	5797.5	6344.9	7282.1	8169.6	8318.9	8327.2
32.5°	8683.8	7622.2	6353.2	5822.4	5921.9	6494.2	7414.8	8476.5	8808.2	8816.5
35°	8949.2	7854.4	6610.3	5971.7	6121.0	6743.0	7589.0	8766.8	9264.4	9322.5
37.5°	9289.3	8111.5	6908.9	6295.2	6461.0	7099.7	7895.9	9106.8	9803.5	9961.1
40°	9654.2	8368.7	7340.2	6817.7	7058.2	7630.5	8244.2	9488.3	10259.7	10475.3
42.5°	10060.6	8642.4	7829.5	7522.7	7887.6	8302.3	8642.4	9836.7	10608.0	10856.9
45°	10458.7	8974.1	8542.8	8484.8	8891.2	9098.5	9032.2	10085.5	10939.8	11188.6
47.5°	10740.7	9455.2	9405.4	9753.8	10135.3	10027.5	9488.3	10268.0	11213.5	11487.2
50°	10997.9	10052.3	10491.9	11172.0	11404.3	11039.3	9977.7	10516.8	11503.8	11810.7
52.5°	11379.4	10691.0	11611.6	12457.6	12681.5	12101.0	10508.5	10923.2	11951.7	12225.4
55°	12159.0	11412.6	12781.1	13751.5	13792.9	13071.4	11221.8	11611.6	12582.0	12897.2
57.5°	13029.9	12300.0	13710.0	14821.4	14804.8	14041.8	12026.3	12540.5	13436.3	13651.9
60°	13817.8	13195.8	14721.9	15584.4	15543.0	14746.8	12963.5	13593.9	14415.0	14580.9
62.5°	14282.3	14008.6	15169.7	15825.0	15667.4	14979.0	13759.8	14531.1	15111.7	15169.7
65°	14207.6	14473.0	14647.2	15053.6	14829.7	14332.1	14149.6	15128.3	15186.3	15128.3
67.5°	13643.6	14207.6	13212.4	13253.8	13137.7	12714.7	13544.1	14970.7	14572.6	14431.6
70°	12789.4	12830.8	11047.6	10525.1	10707.6	10127.0	11619.9	13743.2	13129.4	12955.2
72.5°	11371.1	10856.9	8352.1	7821.3	8095.0	7680.3	9322.5	11976.6	11379.4	10815.4
75°	9538.1	8600.9	6361.5	5606.8	5747.7	5731.2	7224.1	9894.8	8816.5	8252.5
77.5°	7390.0	6701.6	4694.4	4404.1	4254.8	4288.0	5042.8	7356.8	6394.7	5689.7
80°	5399.4	4686.1	3632.8	3798.7	3715.7	3516.7	3533.2	4926.6	4445.6	4022.6
82.5°	3732.3	3334.2	2944.4	3325.9	3126.8	2820.0	2753.6	3549.8	3334.2	3077.1
85°	2504.8	2745.3	2338.9	2546.3	2206.2	2032.0	2587.7	2969.3	2397.0	2139.9
87.5°	1633.9	2513.1	1683.7	1277.3	729.9	978.7	1584.2	1949.1	1119.7	605.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)