

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: P598653

Luminaire Tested: **IFLD-S-SA3D-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: P598653  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3D-730-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (48) 3000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

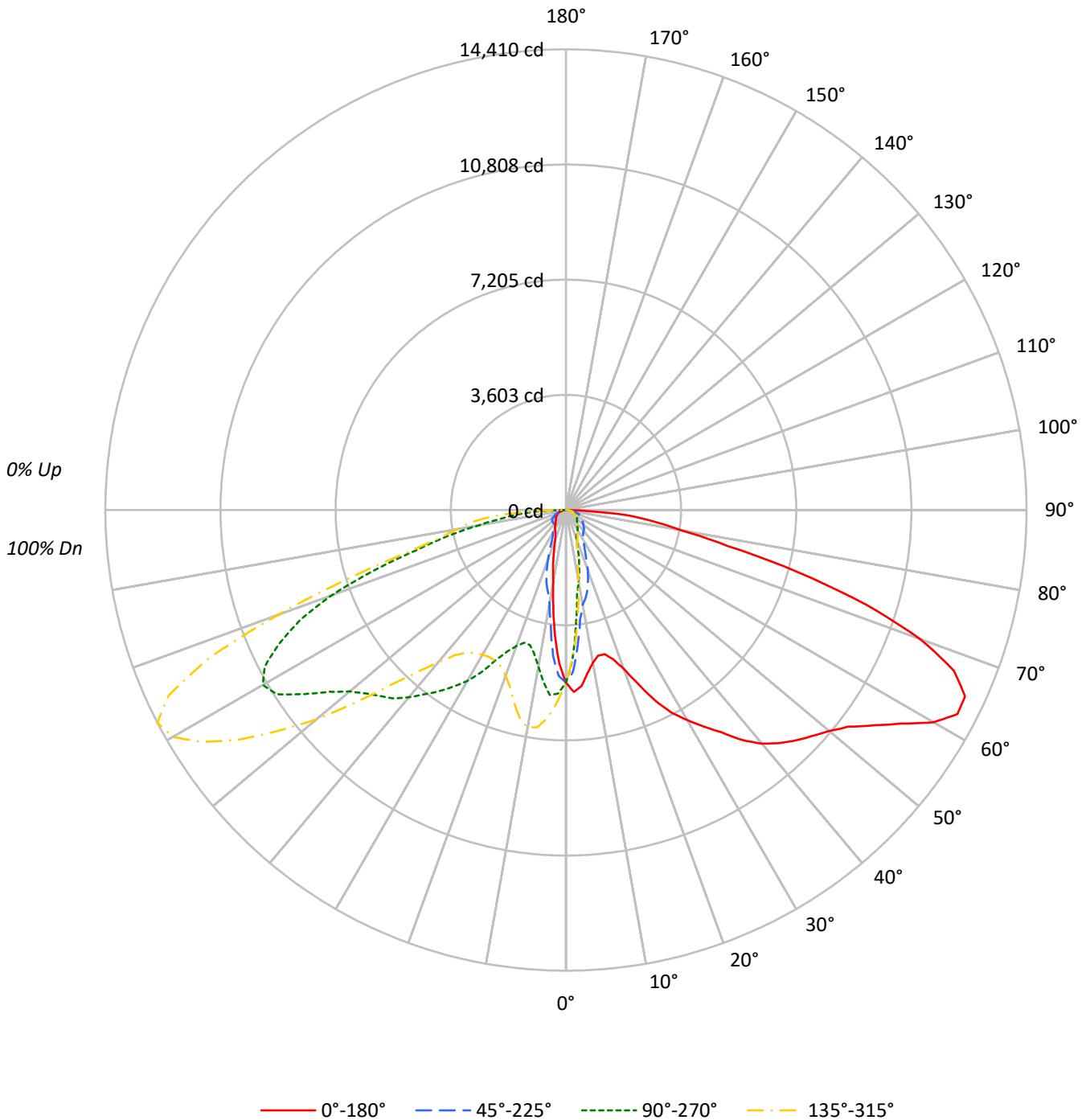
Lumens per Lamp: N/A  
 Luminaire Lumens: 18052.1 lumens  
 Efficiency: N/A  
 Efficacy: 98.1 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

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

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

	0°	90°	180°	270°
0°	77393	77393	77393	77393
5°	79646	51792	56579	83673
10°	70662	32909	33240	72313
15°	69350	23341	22106	64862
20°	80629	14764	14880	69095
25°	103691	12678	12318	81686
30°	125662	12015	11264	102257
35°	148731	10586	10188	121208
40°	178710	10046	9339	143196
45°	206790	9964	9044	166934
50°	240129	10119	9105	197128
55°	293860	10394	9261	251151
60°	381109	10405	9756	314123
65°	467819	10517	10001	336246
70°	495027	11091	10457	327380
75°	416706	11728	10469	267193
80°	302744	13736	10612	230955
85°	320875	19892	8711	240022

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	417.3	2.3
10°-20°	873.4	4.8
20°-30°	1258.7	7.0
30°-40°	1812.0	10.0
40°-50°	2573.8	14.3
50°-60°	3700.5	20.5
60°-70°	4275.2	23.7
70°-80°	2420.7	13.4
80°-90°	720.4	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°	2549.5	14.1
0°-40°	4361.5	24.2
0°-60°	10635.8	58.9
0°-90°	18052.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	18052.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5392	5392	5392	5392	5392	
5°	5528	3595	3927	5808	5528	502
15°	4668	1571	1488	4365	4668	1372
25°	6548	801	778	5158	6548	3039
35°	8489	604	582	6918	8489	5388
45°	10188	491	446	8225	10188	7889
55°	11744	415	370	10037	11744	10636
65°	13776	310	294	9901	13776	13210
75°	7515	212	189	4818	7515	7974
85°	1949	121	53	1458	1949	1941
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°	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5
2.5°	5694.6	5687.1	5641.7	5498.2	5347.2	5203.7	5067.7	4924.2	4848.7	4758.1	4720.3
5°	5528.4	5513.3	5385.0	5067.7	4788.3	4486.2	4229.4	4025.5	3859.3	3693.2	3632.8
7.5°	5150.8	5128.2	4977.1	4539.1	4131.2	3738.5	3428.8	3164.5	2945.5	2847.3	2734.0
10°	4848.7	4811.0	4614.6	4131.2	3602.6	3209.8	3005.9	2824.6	2635.8	2477.2	2311.1
12.5°	4659.9	4614.6	4410.7	3844.2	3330.7	3036.1	2824.6	2620.7	2386.6	2190.2	2009.0
15°	4667.5	4614.6	4365.4	3768.7	3262.7	2885.1	2590.5	2311.1	2039.2	1820.2	1616.2
17.5°	4886.5	4818.5	4554.2	3874.4	3209.8	2688.7	2296.0	1933.4	1623.8	1389.7	1223.5
20°	5279.2	5233.9	4931.8	4033.0	3157.0	2477.2	1993.9	1555.8	1231.1	1049.8	981.8
22.5°	5868.3	5815.4	5490.7	4274.7	3141.9	2288.4	1669.1	1223.5	989.4	913.9	876.1
25°	6548.0	6449.9	6147.8	4682.6	3172.1	2114.7	1404.8	1012.0	883.6	830.8	808.1
27.5°	7137.1	7076.7	6736.9	5067.7	3187.2	1978.8	1223.5	921.4	823.2	777.9	762.8
30°	7582.7	7560.1	7227.8	5490.7	3149.4	1812.6	1110.2	883.6	823.2	777.9	732.6
32.5°	8028.3	8035.9	7680.9	5815.4	3096.5	1669.1	1004.5	785.5	725.0	694.8	702.4
35°	8489.0	8526.8	8224.7	6132.7	2983.2	1616.2	929.0	732.6	679.7	634.4	611.8
37.5°	9070.6	9168.8	8874.2	6487.6	2870.0	1570.9	891.2	694.8	642.0	604.2	574.0
40°	9538.8	9720.1	9546.4	6819.9	2794.4	1518.1	861.0	657.1	619.3	574.0	551.3
42.5°	9886.3	10097.7	10037.3	7076.7	2794.4	1465.2	830.8	634.4	604.2	551.3	521.1
45°	10188.4	10407.4	10399.8	7341.1	2854.9	1435.0	793.0	634.4	589.1	536.2	506.0
47.5°	10460.2	10679.3	10754.8	7673.4	2953.0	1419.9	747.7	619.3	589.1	528.7	483.4
50°	10754.8	10996.5	11223.1	8202.0	3073.9	1382.1	717.5	596.6	596.6	521.1	468.3
52.5°	11132.4	11404.3	11819.7	8859.1	3194.7	1314.1	672.2	581.5	596.6	513.6	453.2
55°	11744.2	11970.8	12514.5	9644.6	3345.8	1231.1	634.4	543.8	566.4	490.9	430.5
57.5°	12431.5	12627.8	13081.0	10248.8	3391.1	1125.3	581.5	506.0	543.8	468.3	400.3
60°	13277.3	13375.5	13375.5	10422.5	3240.0	1027.1	543.8	475.8	490.9	445.6	377.6
62.5°	13813.6	13813.6	13375.5	10105.3	2953.0	944.1	513.6	445.6	430.5	415.4	355.0
65°	13775.8	13715.4	13065.9	9183.9	2620.7	891.2	483.4	407.8	385.2	377.6	332.3
67.5°	13141.4	13035.7	12152.0	7884.8	2273.3	868.5	453.2	370.1	355.0	339.9	302.1
70°	11797.0	11525.2	10437.6	6344.1	1933.4	853.4	445.6	339.9	324.8	309.7	279.4
72.5°	9848.5	9501.1	8149.2	4878.9	1623.8	800.6	422.9	302.1	294.5	279.4	249.2
75°	7514.8	6872.8	5687.1	3730.9	1261.3	694.8	362.5	264.3	264.3	256.8	226.6
77.5°	5181.0	4848.7	3965.1	2756.7	921.4	536.2	294.5	234.1	234.1	241.7	211.5
80°	3663.0	3353.3	2824.6	1978.8	581.5	362.5	226.6	196.4	219.0	234.1	196.4
82.5°	2802.0	2575.4	2099.6	1442.5	339.9	249.2	173.7	158.6	188.8	203.9	166.2
85°	1948.6	1676.7	1064.9	966.7	196.4	151.1	128.4	128.4	166.2	203.9	151.1
87.5°	551.3	234.1	68.0	287.0	83.1	60.4	45.3	30.2	45.3	45.3	30.2
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°	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5
2.5°	4682.6	4637.3	4637.3	4622.1	4629.7	4637.3	4629.7	4682.6	4705.2	4735.4	4795.9
5°	3595.0	3655.4	3610.1	3655.4	3715.8	3806.5	3829.1	3897.1	3904.7	3957.5	3927.3
7.5°	2666.0	2658.5	2620.7	2673.6	2839.7	2968.1	3028.6	3066.3	3073.9	3073.9	3036.1
10°	2258.2	2190.2	2122.3	2084.5	2099.6	2235.5	2280.9	2303.5	2288.4	2311.1	2280.9
12.5°	1933.4	1873.0	1774.8	1706.9	1661.6	1699.3	1744.6	1767.3	1782.4	1820.2	1850.4
15°	1570.9	1510.5	1450.1	1412.3	1374.6	1344.3	1382.1	1404.8	1442.5	1472.7	1487.8
17.5°	1193.3	1163.1	1132.9	1155.5	1155.5	1140.4	1155.5	1163.1	1178.2	1200.9	1193.3
20°	966.7	959.2	951.6	989.4	1019.6	1019.6	1034.7	1012.0	1004.5	981.8	974.3
22.5°	861.0	861.0	868.5	898.8	929.0	944.1	944.1	906.3	868.5	853.4	861.0
25°	800.6	800.6	823.2	830.8	845.9	845.9	853.4	815.7	793.0	770.4	777.9
27.5°	755.3	755.3	762.8	762.8	770.4	770.4	777.9	762.8	732.6	725.0	725.0
30°	725.0	725.0	717.5	717.5	717.5	717.5	725.0	702.4	687.3	679.7	679.7
32.5°	694.8	687.3	679.7	679.7	672.2	672.2	679.7	657.1	649.5	649.5	649.5
35°	604.2	596.6	604.2	619.3	619.3	626.9	626.9	619.3	604.2	589.1	581.5
37.5°	566.4	558.9	558.9	558.9	574.0	581.5	589.1	574.0	551.3	528.7	528.7
40°	536.2	536.2	528.7	528.7	528.7	543.8	558.9	536.2	506.0	498.5	498.5
42.5°	513.6	506.0	498.5	490.9	483.4	506.0	521.1	490.9	475.8	475.8	475.8
45°	490.9	483.4	475.8	468.3	460.7	468.3	483.4	453.2	445.6	445.6	445.6
47.5°	468.3	460.7	445.6	438.0	430.5	430.5	445.6	422.9	415.4	422.9	422.9
50°	453.2	438.0	422.9	415.4	407.8	407.8	407.8	400.3	400.3	400.3	407.8
52.5°	438.0	422.9	400.3	392.7	385.2	385.2	385.2	385.2	377.6	385.2	392.7
55°	415.4	400.3	385.2	377.6	370.1	362.5	370.1	362.5	362.5	370.1	370.1
57.5°	385.2	370.1	355.0	355.0	347.4	347.4	355.0	347.4	347.4	355.0	355.0
60°	362.5	347.4	332.3	332.3	324.8	332.3	339.9	332.3	332.3	332.3	339.9
62.5°	332.3	324.8	309.7	309.7	309.7	309.7	317.2	309.7	317.2	317.2	317.2
65°	309.7	294.5	287.0	287.0	287.0	287.0	302.1	287.0	294.5	294.5	294.5
67.5°	287.0	271.9	264.3	264.3	264.3	264.3	279.4	264.3	271.9	279.4	271.9
70°	264.3	249.2	241.7	241.7	241.7	241.7	249.2	241.7	241.7	249.2	249.2
72.5°	234.1	226.6	219.0	219.0	211.5	219.0	226.6	219.0	219.0	219.0	219.0
75°	211.5	203.9	203.9	196.4	196.4	196.4	203.9	188.8	188.8	188.8	188.8
77.5°	196.4	181.3	181.3	181.3	173.7	181.3	173.7	158.6	158.6	158.6	158.6
80°	166.2	151.1	158.6	158.6	151.1	151.1	143.5	128.4	128.4	128.4	128.4
82.5°	135.9	120.8	128.4	128.4	128.4	128.4	113.3	105.7	98.2	90.6	90.6
85°	120.8	98.2	113.3	113.3	105.7	105.7	75.5	75.5	60.4	60.4	52.9
87.5°	22.7	15.1	30.2	37.8	37.8	45.3	30.2	37.8	22.7	15.1	15.1
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°	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5
2.5°	4788.3	4871.4	4984.7	5067.7	5196.1	5294.3	5445.4	5573.8	5694.6	5747.5	5800.3
5°	4017.9	4070.8	4244.5	4380.5	4584.4	4803.4	5075.3	5369.8	5671.9	5807.9	5966.5
7.5°	3005.9	3104.1	3202.3	3398.6	3647.9	4002.8	4350.3	4788.3	5211.2	5415.2	5687.1
10°	2333.7	2409.3	2522.5	2726.5	2960.6	3255.1	3670.5	4191.7	4697.7	4962.0	5241.5
12.5°	1873.0	1978.8	2129.8	2341.3	2613.2	2915.3	3217.4	3700.7	4289.8	4591.9	4909.1
15°	1518.1	1601.1	1767.3	2031.6	2348.8	2658.5	2975.7	3376.0	4017.9	4365.4	4743.0
17.5°	1208.4	1268.8	1419.9	1684.2	2001.4	2348.8	2711.4	3217.4	3927.3	4350.3	4795.9
20°	981.8	1027.1	1125.3	1321.7	1623.8	2001.4	2454.6	3066.3	3980.2	4524.0	5067.7
22.5°	861.0	876.1	921.4	1027.1	1276.4	1676.7	2220.4	2937.9	4078.4	4780.7	5513.3
25°	777.9	793.0	808.1	876.1	1019.6	1397.2	2016.5	2862.4	4289.8	5158.4	6026.9
27.5°	725.0	740.1	747.7	777.9	876.1	1193.3	1842.8	2817.1	4576.8	5709.7	6661.3
30°	679.7	679.7	702.4	747.7	815.7	1049.8	1691.8	2711.4	4878.9	6170.4	7159.8
32.5°	642.0	649.5	679.7	702.4	747.7	929.0	1540.7	2575.4	5150.8	6548.0	7650.7
35°	574.0	574.0	581.5	619.3	679.7	830.8	1404.8	2439.5	5301.9	6918.1	8088.8
37.5°	528.7	536.2	551.3	581.5	634.4	762.8	1291.5	2288.4	5460.5	7265.5	8602.3
40°	498.5	506.0	521.1	551.3	604.2	702.4	1193.3	2167.6	5626.6	7643.2	9153.7
42.5°	475.8	483.4	498.5	528.7	574.0	687.3	1087.6	2069.4	5724.8	7990.6	9674.8
45°	453.2	460.7	483.4	513.6	551.3	672.2	1027.1	2001.4	5762.6	8224.7	10090.2
47.5°	430.5	438.0	460.7	506.0	551.3	649.5	1004.5	1963.7	5792.8	8489.0	10422.5
50°	407.8	422.9	453.2	498.5	558.9	619.3	989.4	1956.1	5966.5	8828.9	10739.7
52.5°	392.7	415.4	445.6	498.5	551.3	574.0	981.8	1978.8	6313.9	9334.9	11192.8
55°	377.6	400.3	430.5	498.5	528.7	536.2	944.1	2016.5	6842.6	10037.3	11834.8
57.5°	362.5	377.6	415.4	483.4	498.5	506.0	868.5	2069.4	7371.3	10724.6	12491.9
60°	339.9	355.0	392.7	483.4	453.2	475.8	770.4	2084.5	7748.9	10943.6	12552.3
62.5°	317.2	332.3	370.1	498.5	415.4	445.6	687.3	2031.6	7824.4	10626.4	12212.4
65°	294.5	309.7	339.9	415.4	385.2	415.4	634.4	1888.1	7575.2	9901.4	11593.1
67.5°	271.9	287.0	309.7	339.9	347.4	377.6	611.8	1661.6	6948.3	9002.6	10747.2
70°	241.7	256.8	279.4	302.1	309.7	355.0	574.0	1442.5	5936.3	7801.8	9712.5
72.5°	219.0	226.6	249.2	264.3	279.4	324.8	551.3	1261.3	4539.1	6313.9	7922.6
75°	188.8	188.8	211.5	226.6	241.7	287.0	506.0	1049.8	3202.3	4818.5	5823.0
77.5°	158.6	158.6	173.7	188.8	203.9	249.2	430.5	853.4	2220.4	3821.6	4221.9
80°	120.8	120.8	135.9	151.1	166.2	211.5	347.4	626.9	1374.6	2794.4	3073.9
82.5°	83.1	83.1	105.7	113.3	120.8	166.2	264.3	430.5	808.1	2016.5	2197.8
85°	45.3	45.3	60.4	68.0	83.1	120.8	196.4	302.1	483.4	1457.6	1465.2
87.5°	7.6	7.6	22.7	22.7	37.8	60.4	113.3	166.2	271.9	808.1	513.6
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: P598653  
 CATALOG NUMBER: IFLD-S-SA3D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5	5392.5
2.5°	5898.5	5981.6	5989.2	5989.2	5951.4	5958.9	5853.2	5739.9	5702.2	5694.6
5°	6208.2	6427.2	6487.6	6517.8	6419.6	6268.6	5996.7	5702.2	5551.1	5528.4
7.5°	6147.8	6585.8	6819.9	6850.1	6653.8	6298.8	5823.0	5369.8	5196.1	5150.8
10°	5792.8	6381.9	6804.8	6910.6	6699.1	6245.9	5626.6	5098.0	4886.5	4848.7
12.5°	5543.6	6110.0	6525.4	6668.9	6570.7	6178.0	5528.4	4924.2	4712.8	4659.9
15°	5407.6	5928.7	6200.6	6245.9	6238.4	6072.2	5528.4	4962.0	4727.9	4667.5
17.5°	5520.9	5875.9	5913.6	5807.9	5868.3	5951.4	5649.3	5165.9	4939.4	4886.5
20°	5747.5	5853.2	5671.9	5513.3	5543.6	5807.9	5838.1	5551.1	5369.8	5279.2
22.5°	6223.3	5936.3	5520.9	5301.9	5324.5	5694.6	6087.3	6072.2	5913.6	5868.3
25°	6706.6	6170.4	5475.6	5218.8	5249.0	5671.9	6381.9	6653.8	6570.7	6548.0
27.5°	7242.9	6563.1	5505.8	5181.0	5218.8	5702.2	6585.8	7144.7	7159.8	7137.1
30°	7605.4	6752.0	5596.4	5226.3	5279.2	5777.7	6631.1	7439.2	7575.2	7582.7
32.5°	7907.5	6940.8	5785.2	5301.9	5392.5	5913.6	6752.0	7718.7	8020.8	8028.3
35°	8149.2	7152.2	6019.4	5437.8	5573.8	6140.2	6910.6	7983.0	8436.2	8489.0
37.5°	8458.8	7386.4	6291.3	5732.4	5883.4	6465.0	7190.0	8292.7	8927.1	9070.6
40°	8791.1	7620.5	6684.0	6208.2	6427.2	6948.3	7507.2	8640.1	9342.5	9538.8
42.5°	9161.2	7869.7	7129.6	6850.1	7182.5	7560.1	7869.7	8957.3	9659.7	9886.3
45°	9523.7	8171.8	7779.1	7726.2	8096.3	8285.1	8224.7	9183.9	9961.8	10188.4
47.5°	9780.5	8609.9	8564.6	8881.8	9229.2	9131.0	8640.1	9350.0	10211.0	10460.2
50°	10014.6	9153.7	9553.9	10173.3	10384.7	10052.4	9085.7	9576.6	10475.4	10754.8
52.5°	10362.1	9735.2	10573.5	11343.9	11547.8	11019.1	9569.1	9946.7	10883.2	11132.4
55°	11072.0	10392.3	11638.4	12522.1	12559.9	11902.8	10218.6	10573.5	11457.2	11744.2
57.5°	11865.0	11200.4	12484.3	13496.4	13481.3	12786.4	10951.2	11419.4	12235.1	12431.5
60°	12582.5	12016.1	13405.7	14191.2	14153.4	13428.4	11804.6	12378.6	13126.3	13277.3
62.5°	13005.4	12756.2	13813.6	14410.2	14266.7	13639.9	12529.6	13232.0	13760.7	13813.6
65°	12937.5	13179.2	13337.8	13707.8	13503.9	13050.8	12884.6	13775.8	13828.7	13775.8
67.5°	12423.9	12937.5	12031.2	12068.9	11963.2	11578.0	12333.3	13632.3	13269.8	13141.4
70°	11646.0	11683.8	10060.0	9584.2	9750.3	9221.6	10581.1	12514.5	11955.6	11797.0
72.5°	10354.5	9886.3	7605.4	7122.0	7371.3	6993.6	8489.0	10905.8	10362.1	9848.5
75°	8685.4	7832.0	5792.8	5105.5	5233.9	5218.8	6578.3	9010.2	8028.3	7514.8
77.5°	6729.3	6102.4	4274.7	4010.4	3874.4	3904.7	4591.9	6699.1	5823.0	5181.0
80°	4916.7	4267.2	3308.0	3459.1	3383.5	3202.3	3217.4	4486.2	4048.2	3663.0
82.5°	3398.6	3036.1	2681.1	3028.6	2847.3	2567.9	2507.4	3232.5	3036.1	2802.0
85°	2280.9	2499.9	2129.8	2318.6	2009.0	1850.4	2356.4	2703.8	2182.7	1948.6
87.5°	1487.8	2288.4	1533.2	1163.1	664.6	891.2	1442.5	1774.8	1019.6	551.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)