

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: P598648

Luminaire Tested: **IFLD-S-SA2D-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: P598648  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA2D-730-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (32) 3000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

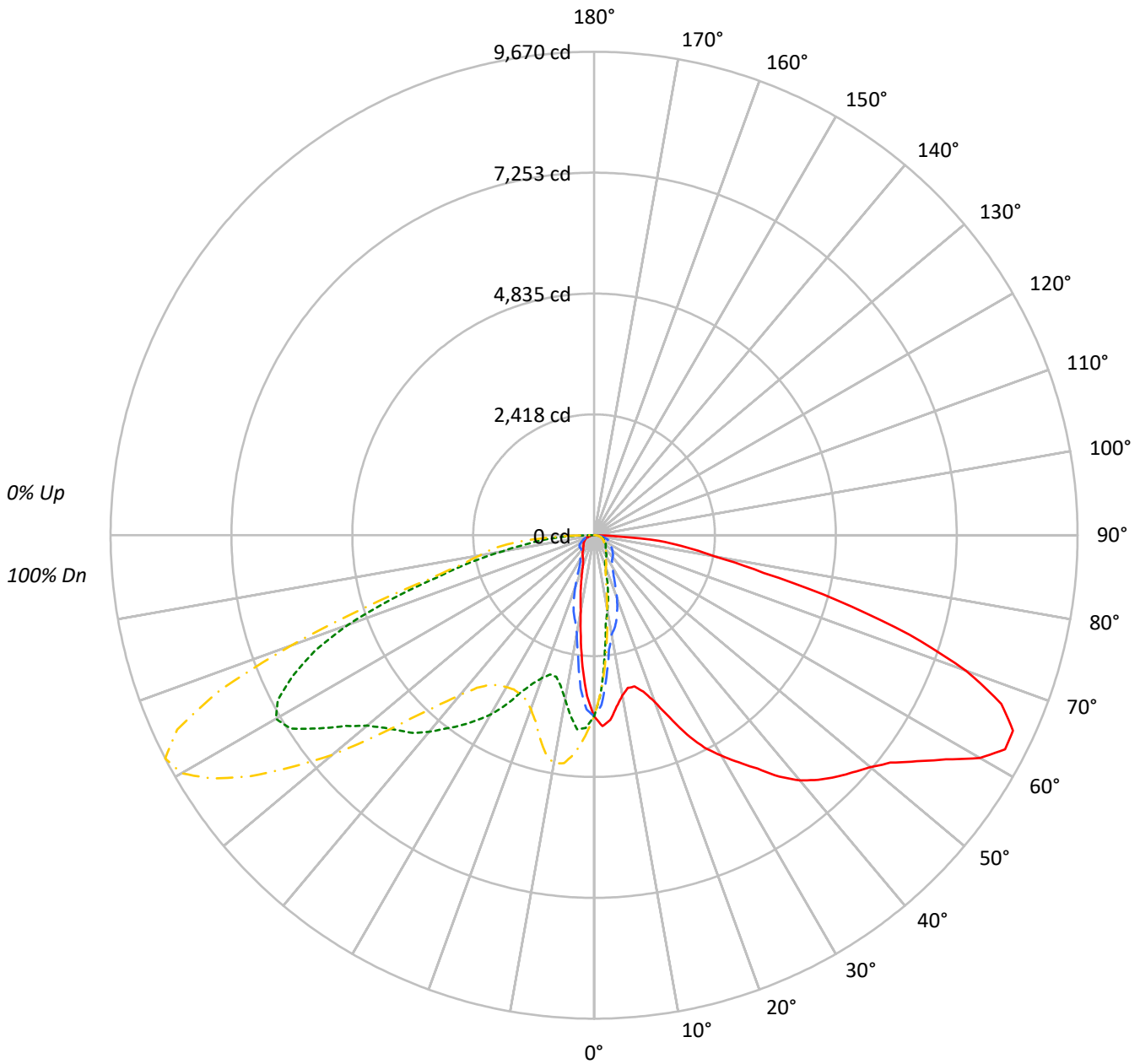
Lumens per Lamp: N/A  
 Luminaire Lumens: 12113.4 lumens  
 Efficiency: N/A  
 Efficacy: 97.8 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 123.9  
 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	102	102	102	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	85	82	79	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	70	65	61	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	59	53	48	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	51	44	39	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	45	38	32	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	36	29	23	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	32	26	20	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	30	23	18	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	28	21	16	14

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

	0°	90°	180°	270°
0°	77898	77898	77898	77898
5°	80167	52130	56949	84219
10°	71123	33124	33457	72785
15°	69804	23493	22252	65286
20°	81157	14861	14978	69546
25°	104370	12760	12399	82220
30°	126483	12094	11338	102925
35°	149702	10654	10255	122000
40°	179879	10111	9400	144130
45°	208140	10029	9103	168026
50°	241697	10185	9167	198416
55°	295780	10460	9319	252793
60°	383600	10475	9821	316175
65°	470877	10585	10066	338440
70°	498264	11166	10524	329520
75°	419429	11803	10539	268937
80°	304715	13823	10687	232463
85°	322958	20032	8769	241595

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	280.0	2.3
10°-20°	586.1	4.8
20°-30°	844.6	7.0
30°-40°	1215.9	10.0
40°-50°	1727.1	14.3
50°-60°	2483.1	20.5
60°-70°	2868.8	23.7
70°-80°	1624.4	13.4
80°-90°	483.4	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°	1710.7	14.1
0°-40°	2926.6	24.2
0°-60°	7136.8	58.9
0°-90°	12113.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12113.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3618	3618	3618	3618	3618	
5°	3710	2412	2635	3897	3710	337
15°	3132	1054	998	2929	3132	921
25°	4394	537	522	3461	4394	2039
35°	5696	405	390	4642	5696	3615
45°	6837	329	299	5519	6837	5294
55°	7881	279	248	6735	7881	7137
65°	9244	208	198	6644	9244	8864
75°	5043	142	127	3233	5043	5350
85°	1308	81	36	978	1308	1302
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°	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5
2.5°	3821.2	3816.1	3785.7	3689.4	3588.1	3491.8	3400.6	3304.3	3253.6	3192.8	3167.4
5°	3709.7	3699.6	3613.4	3400.6	3213.1	3010.3	2838.0	2701.2	2589.7	2478.2	2437.7
7.5°	3456.3	3441.1	3339.8	3045.8	2772.1	2508.6	2300.8	2123.5	1976.5	1910.6	1834.6
10°	3253.6	3228.3	3096.5	2772.1	2417.4	2153.9	2017.0	1895.4	1768.7	1662.3	1550.8
12.5°	3126.9	3096.5	2959.7	2579.6	2234.9	2037.3	1895.4	1758.6	1601.5	1469.7	1348.1
15°	3132.0	3096.5	2929.3	2528.9	2189.3	1935.9	1738.3	1550.8	1368.3	1221.4	1084.5
17.5°	3278.9	3233.3	3056.0	2599.8	2153.9	1804.2	1540.6	1297.4	1089.6	932.5	821.0
20°	3542.5	3512.1	3309.3	2706.3	2118.4	1662.3	1337.9	1044.0	826.1	704.4	658.8
22.5°	3937.8	3902.3	3684.4	2868.4	2108.3	1535.6	1120.0	821.0	663.9	613.2	587.9
25°	4393.9	4328.0	4125.3	3142.1	2128.5	1419.0	942.6	679.1	592.9	557.5	542.3
27.5°	4789.2	4748.6	4520.6	3400.6	2138.7	1327.8	821.0	618.3	552.4	522.0	511.9
30°	5088.2	5073.0	4850.0	3684.4	2113.3	1216.3	745.0	592.9	552.4	522.0	491.6
32.5°	5387.2	5392.3	5154.1	3902.3	2077.8	1120.0	674.0	527.1	486.5	466.2	471.3
35°	5696.3	5721.7	5519.0	4115.1	2001.8	1084.5	623.4	491.6	456.1	425.7	410.5
37.5°	6086.6	6152.4	5954.8	4353.3	1925.8	1054.1	598.0	466.2	430.8	405.4	385.2
40°	6400.8	6522.4	6405.8	4576.3	1875.1	1018.7	577.7	440.9	415.6	385.2	370.0
42.5°	6633.9	6775.8	6735.3	4748.6	1875.1	983.2	557.5	425.7	405.4	370.0	349.7
45°	6836.6	6983.6	6978.5	4926.0	1915.7	962.9	532.1	425.7	395.3	359.8	339.6
47.5°	7019.1	7166.0	7216.7	5149.0	1981.6	952.8	501.7	415.6	395.3	354.8	324.3
50°	7216.7	7378.9	7530.9	5503.8	2062.6	927.4	481.5	400.4	400.4	349.7	314.2
52.5°	7470.1	7652.5	7931.3	5944.7	2143.7	881.8	451.0	390.2	400.4	344.6	304.1
55°	7880.6	8032.6	8397.5	6471.7	2245.1	826.1	425.7	364.9	380.1	329.4	288.9
57.5°	8341.8	8473.6	8777.6	6877.2	2275.5	755.1	390.2	339.6	364.9	314.2	268.6
60°	8909.4	8975.3	8975.3	6993.7	2174.1	689.2	364.9	319.3	329.4	299.0	253.4
62.5°	9269.2	9269.2	8975.3	6780.9	1981.6	633.5	344.6	299.0	288.9	278.7	238.2
65°	9243.9	9203.3	8767.5	6162.6	1758.6	598.0	324.3	273.7	258.5	253.4	223.0
67.5°	8818.2	8747.2	8154.3	5290.9	1525.4	582.8	304.1	248.3	238.2	228.1	202.7
70°	7916.1	7733.6	7003.9	4257.0	1297.4	572.7	299.0	228.1	217.9	207.8	187.5
72.5°	6608.6	6375.4	5468.3	3273.9	1089.6	537.2	283.8	202.7	197.6	187.5	167.2
75°	5042.6	4611.8	3816.1	2503.5	846.3	466.2	243.3	177.4	177.4	172.3	152.0
77.5°	3476.6	3253.6	2660.7	1849.8	618.3	359.8	197.6	157.1	157.1	162.2	141.9
80°	2457.9	2250.2	1895.4	1327.8	390.2	243.3	152.0	131.8	147.0	157.1	131.8
82.5°	1880.2	1728.2	1408.9	968.0	228.1	167.2	116.6	106.4	126.7	136.8	111.5
85°	1307.5	1125.1	714.6	648.7	131.8	101.4	86.2	86.2	111.5	136.8	101.4
87.5°	370.0	157.1	45.6	192.6	55.7	40.5	30.4	20.3	30.4	30.4	20.3
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°	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5
2.5°	3142.1	3111.7	3111.7	3101.6	3106.6	3111.7	3106.6	3142.1	3157.3	3177.6	3218.1
5°	2412.3	2452.9	2422.5	2452.9	2493.4	2554.2	2569.4	2615.0	2620.1	2655.6	2635.3
7.5°	1789.0	1783.9	1758.6	1794.0	1905.5	1991.7	2032.2	2057.6	2062.6	2062.6	2037.3
10°	1515.3	1469.7	1424.1	1398.7	1408.9	1500.1	1530.5	1545.7	1535.6	1550.8	1530.5
12.5°	1297.4	1256.8	1191.0	1145.3	1114.9	1140.3	1170.7	1185.9	1196.0	1221.4	1241.6
15°	1054.1	1013.6	973.0	947.7	922.4	902.1	927.4	942.6	968.0	988.2	998.4
17.5°	800.7	780.5	760.2	775.4	775.4	765.3	775.4	780.5	790.6	805.8	800.7
20°	648.7	643.6	638.6	663.9	684.2	684.2	694.3	679.1	674.0	658.8	653.8
22.5°	577.7	577.7	582.8	603.1	623.4	633.5	633.5	608.1	582.8	572.7	577.7
25°	537.2	537.2	552.4	557.5	567.6	567.6	572.7	547.3	532.1	516.9	522.0
27.5°	506.8	506.8	511.9	511.9	516.9	516.9	522.0	511.9	491.6	486.5	486.5
30°	486.5	486.5	481.5	481.5	481.5	481.5	486.5	471.3	461.2	456.1	456.1
32.5°	466.2	461.2	456.1	456.1	451.0	451.0	456.1	440.9	435.8	435.8	435.8
35°	405.4	400.4	405.4	415.6	415.6	420.6	420.6	415.6	405.4	395.3	390.2
37.5°	380.1	375.0	375.0	375.0	385.2	390.2	395.3	385.2	370.0	354.8	354.8
40°	359.8	359.8	354.8	354.8	354.8	364.9	375.0	359.8	339.6	334.5	334.5
42.5°	344.6	339.6	334.5	329.4	324.3	339.6	349.7	329.4	319.3	319.3	319.3
45°	329.4	324.3	319.3	314.2	309.1	314.2	324.3	304.1	299.0	299.0	299.0
47.5°	314.2	309.1	299.0	293.9	288.9	288.9	299.0	283.8	278.7	283.8	283.8
50°	304.1	293.9	283.8	278.7	273.7	273.7	273.7	268.6	268.6	268.6	273.7
52.5°	293.9	283.8	268.6	263.5	258.5	258.5	258.5	258.5	253.4	258.5	263.5
55°	278.7	268.6	258.5	253.4	248.3	243.3	248.3	243.3	243.3	248.3	248.3
57.5°	258.5	248.3	238.2	238.2	233.1	233.1	238.2	233.1	233.1	238.2	238.2
60°	243.3	233.1	223.0	223.0	217.9	223.0	228.1	223.0	223.0	223.0	228.1
62.5°	223.0	217.9	207.8	207.8	207.8	207.8	212.9	207.8	212.9	212.9	212.9
65°	207.8	197.6	192.6	192.6	192.6	192.6	202.7	192.6	197.6	197.6	197.6
67.5°	192.6	182.4	177.4	177.4	177.4	177.4	187.5	177.4	182.4	187.5	182.4
70°	177.4	167.2	162.2	162.2	162.2	162.2	167.2	162.2	162.2	167.2	167.2
72.5°	157.1	152.0	147.0	147.0	141.9	147.0	152.0	147.0	147.0	147.0	147.0
75°	141.9	136.8	136.8	131.8	131.8	131.8	136.8	126.7	126.7	126.7	126.7
77.5°	131.8	121.6	121.6	121.6	116.6	121.6	116.6	106.4	106.4	106.4	106.4
80°	111.5	101.4	106.4	106.4	101.4	101.4	96.3	86.2	86.2	86.2	86.2
82.5°	91.2	81.1	86.2	86.2	86.2	86.2	76.0	71.0	65.9	60.8	60.8
85°	81.1	65.9	76.0	76.0	71.0	71.0	50.7	50.7	40.5	40.5	35.5
87.5°	15.2	10.1	20.3	25.3	25.3	30.4	20.3	25.3	15.2	10.1	10.1
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°	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5
2.5°	3213.1	3268.8	3344.8	3400.6	3486.7	3552.6	3654.0	3740.1	3821.2	3856.7	3892.2
5°	2696.1	2731.6	2848.2	2939.4	3076.2	3223.2	3405.6	3603.3	3806.0	3897.2	4003.7
7.5°	2017.0	2082.9	2148.8	2280.6	2447.8	2686.0	2919.1	3213.1	3496.9	3633.7	3816.1
10°	1566.0	1616.7	1692.7	1829.5	1986.6	2184.3	2463.0	2812.7	3152.2	3329.6	3517.1
12.5°	1256.8	1327.8	1429.2	1571.1	1753.5	1956.2	2158.9	2483.3	2878.6	3081.3	3294.1
15°	1018.7	1074.4	1185.9	1363.3	1576.1	1783.9	1996.8	2265.4	2696.1	2929.3	3182.6
17.5°	810.9	851.4	952.8	1130.1	1343.0	1576.1	1819.4	2158.9	2635.3	2919.1	3218.1
20°	658.8	689.2	755.1	886.9	1089.6	1343.0	1647.1	2057.6	2670.8	3035.7	3400.6
22.5°	577.7	587.9	618.3	689.2	856.5	1125.1	1490.0	1971.4	2736.7	3208.0	3699.6
25°	522.0	532.1	542.3	587.9	684.2	937.6	1353.1	1920.7	2878.6	3461.4	4044.2
27.5°	486.5	496.7	501.7	522.0	587.9	800.7	1236.6	1890.3	3071.2	3831.3	4469.9
30°	456.1	456.1	471.3	501.7	547.3	704.4	1135.2	1819.4	3273.9	4140.5	4804.4
32.5°	430.8	435.8	456.1	471.3	501.7	623.4	1033.9	1728.2	3456.3	4393.9	5133.8
35°	385.2	385.2	390.2	415.6	456.1	557.5	942.6	1636.9	3557.7	4642.2	5427.7
37.5°	354.8	359.8	370.0	390.2	425.7	511.9	866.6	1535.6	3664.1	4875.3	5772.4
40°	334.5	339.6	349.7	370.0	405.4	471.3	800.7	1454.5	3775.6	5128.7	6142.3
42.5°	319.3	324.3	334.5	354.8	385.2	461.2	729.8	1388.6	3841.5	5361.9	6492.0
45°	304.1	309.1	324.3	344.6	370.0	451.0	689.2	1343.0	3866.8	5519.0	6770.7
47.5°	288.9	293.9	309.1	339.6	370.0	435.8	674.0	1317.7	3887.1	5696.3	6993.7
50°	273.7	283.8	304.1	334.5	375.0	415.6	663.9	1312.6	4003.7	5924.4	7206.6
52.5°	263.5	278.7	299.0	334.5	370.0	385.2	658.8	1327.8	4236.8	6263.9	7510.6
55°	253.4	268.6	288.9	334.5	354.8	359.8	633.5	1353.1	4591.5	6735.3	7941.4
57.5°	243.3	253.4	278.7	324.3	334.5	339.6	582.8	1388.6	4946.3	7196.4	8382.3
60°	228.1	238.2	263.5	324.3	304.1	319.3	516.9	1398.7	5199.7	7343.4	8422.9
62.5°	212.9	223.0	248.3	334.5	278.7	299.0	461.2	1363.3	5250.4	7130.6	8194.8
65°	197.6	207.8	228.1	278.7	258.5	278.7	425.7	1267.0	5083.1	6644.0	7779.2
67.5°	182.4	192.6	207.8	228.1	233.1	253.4	410.5	1114.9	4662.5	6041.0	7211.6
70°	162.2	172.3	187.5	202.7	207.8	238.2	385.2	968.0	3983.4	5235.2	6517.3
72.5°	147.0	152.0	167.2	177.4	187.5	217.9	370.0	846.3	3045.8	4236.8	5316.2
75°	126.7	126.7	141.9	152.0	162.2	192.6	339.6	704.4	2148.8	3233.3	3907.4
77.5°	106.4	106.4	116.6	126.7	136.8	167.2	288.9	572.7	1490.0	2564.4	2833.0
80°	81.1	81.1	91.2	101.4	111.5	141.9	233.1	420.6	922.4	1875.1	2062.6
82.5°	55.7	55.7	71.0	76.0	81.1	111.5	177.4	288.9	542.3	1353.1	1474.8
85°	30.4	30.4	40.5	45.6	55.7	81.1	131.8	202.7	324.3	978.1	983.2
87.5°	5.1	5.1	15.2	15.2	25.3	40.5	76.0	111.5	182.4	542.3	344.6
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: P598648  
 CATALOG NUMBER: IFLD-S-SA2D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5	3618.5
2.5°	3958.0	4013.8	4018.9	4018.9	3993.5	3998.6	3927.6	3851.6	3826.3	3821.2
5°	4165.8	4312.8	4353.3	4373.6	4307.7	4206.4	4023.9	3826.3	3724.9	3709.7
7.5°	4125.3	4419.2	4576.3	4596.6	4464.8	4226.6	3907.4	3603.3	3486.7	3456.3
10°	3887.1	4282.4	4566.2	4637.1	4495.2	4191.2	3775.6	3420.8	3278.9	3253.6
12.5°	3719.8	4099.9	4378.7	4475.0	4409.1	4145.6	3709.7	3304.3	3162.4	3126.9
15°	3628.6	3978.3	4160.8	4191.2	4186.1	4074.6	3709.7	3329.6	3172.5	3132.0
17.5°	3704.6	3942.8	3968.2	3897.2	3937.8	3993.5	3790.8	3466.5	3314.4	3278.9
20°	3856.7	3927.6	3806.0	3699.6	3719.8	3897.2	3917.5	3724.9	3603.3	3542.5
22.5°	4176.0	3983.4	3704.6	3557.7	3572.9	3821.2	4084.7	4074.6	3968.2	3937.8
25°	4500.3	4140.5	3674.2	3501.9	3522.2	3806.0	4282.4	4464.8	4409.1	4393.9
27.5°	4860.1	4404.0	3694.5	3476.6	3501.9	3826.3	4419.2	4794.2	4804.4	4789.2
30°	5103.4	4530.7	3755.3	3507.0	3542.5	3877.0	4449.6	4991.9	5083.1	5088.2
32.5°	5306.1	4657.4	3882.0	3557.7	3618.5	3968.2	4530.7	5179.4	5382.1	5387.2
35°	5468.3	4799.3	4039.1	3648.9	3740.1	4120.2	4637.1	5356.8	5660.9	5696.3
37.5°	5676.1	4956.4	4221.6	3846.5	3947.9	4338.1	4824.7	5564.6	5990.3	6086.6
40°	5899.1	5113.5	4485.1	4165.8	4312.8	4662.5	5037.5	5797.7	6269.0	6400.8
42.5°	6147.4	5280.8	4784.1	4596.6	4819.6	5073.0	5280.8	6010.5	6481.9	6633.9
45°	6390.6	5483.5	5220.0	5184.5	5432.8	5559.5	5519.0	6162.6	6684.6	6836.6
47.5°	6562.9	5777.4	5747.0	5959.9	6193.0	6127.1	5797.7	6274.1	6851.8	7019.1
50°	6720.1	6142.3	6410.9	6826.5	6968.4	6745.4	6096.7	6426.1	7029.2	7216.7
52.5°	6953.2	6532.5	7095.1	7612.0	7748.8	7394.1	6421.0	6674.4	7302.9	7470.1
55°	7429.6	6973.4	7809.7	8402.6	8427.9	7987.0	6856.9	7095.1	7688.0	7880.6
57.5°	7961.7	7515.7	8377.3	9056.4	9046.2	8580.0	7348.5	7662.7	8210.0	8341.8
60°	8443.1	8063.1	8995.5	9522.6	9497.3	9010.8	7921.1	8306.3	8808.0	8909.4
62.5°	8726.9	8559.7	9269.2	9669.6	9573.3	9152.7	8407.7	8879.0	9233.7	9269.2
65°	8681.3	8843.5	8949.9	9198.3	9061.4	8757.4	8645.9	9243.9	9279.3	9243.9
67.5°	8336.7	8681.3	8073.2	8098.5	8027.6	7769.1	8275.9	9147.6	8904.3	8818.2
70°	7814.7	7840.1	6750.5	6431.2	6542.7	6187.9	7100.1	8397.5	8022.5	7916.1
72.5°	6948.1	6633.9	5103.4	4779.0	4946.3	4692.9	5696.3	7318.1	6953.2	6608.6
75°	5828.1	5255.4	3887.1	3425.9	3512.1	3501.9	4414.2	6046.0	5387.2	5042.6
77.5°	4515.5	4094.9	2868.4	2691.1	2599.8	2620.1	3081.3	4495.2	3907.4	3476.6
80°	3299.2	2863.4	2219.7	2321.1	2270.4	2148.8	2158.9	3010.3	2716.4	2457.9
82.5°	2280.6	2037.3	1799.1	2032.2	1910.6	1723.1	1682.5	2169.1	2037.3	1880.2
85°	1530.5	1677.5	1429.2	1555.8	1348.1	1241.6	1581.2	1814.3	1464.6	1307.5
87.5°	998.4	1535.6	1028.8	780.5	446.0	598.0	968.0	1191.0	684.2	370.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)