

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: P598652

Luminaire Tested: **IFLD-S-SA3C-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: P598652  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3C-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**

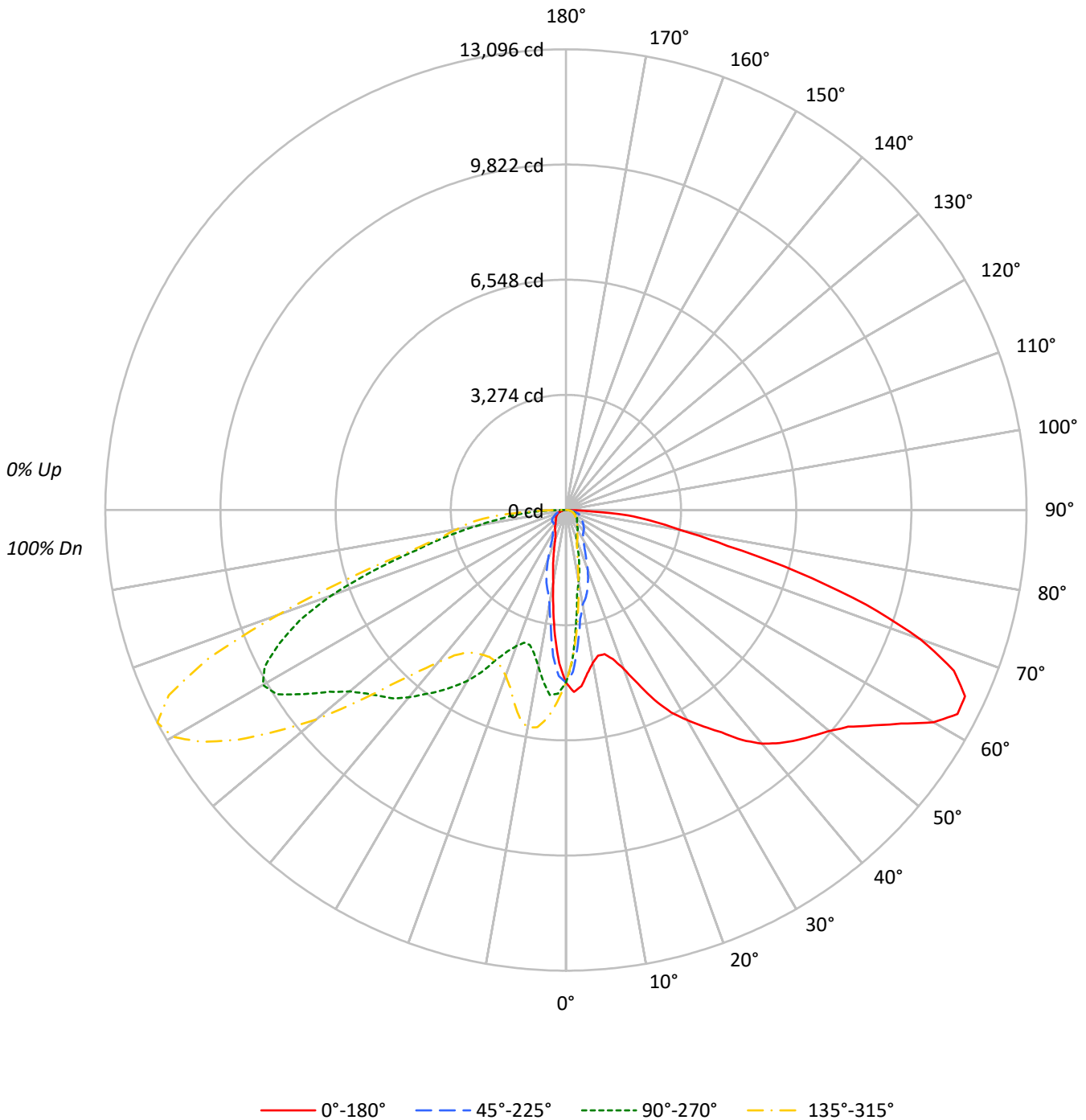
Lumens per Lamp: N/A  
 Luminaire Lumens: 16406.2 lumens  
 Efficiency: N/A  
 Efficacy: 102.0 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 160.8  
 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				
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77				
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59				
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46				
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36				
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30				
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25				
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21				
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18				
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16				
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14				

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

	0°	90°	180°	270°
0°	70336	70336	70336	70336
5°	72385	47070	51420	76044
10°	64219	29909	30209	65720
15°	63027	21213	20091	58947
20°	73278	13419	13523	62795
25°	94237	11522	11196	74239
30°	114205	10919	10238	92933
35°	135170	9620	9260	110158
40°	162416	9130	8487	130139
45°	187935	9056	8220	151713
50°	218234	9194	8277	179154
55°	267067	9446	8415	228251
60°	346363	9458	8867	285482
65°	425166	9556	9091	305588
70°	449893	10079	9504	297528
75°	378711	10658	9515	242833
80°	275139	12480	9645	209904
85°	291613	18081	7904	218138

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	379.3	2.3
10°-20°	793.8	4.8
20°-30°	1143.9	7.0
30°-40°	1646.8	10.0
40°-50°	2339.2	14.3
50°-60°	3363.1	20.5
60°-70°	3885.4	23.7
70°-80°	2200.0	13.4
80°-90°	654.7	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°	2317.0	14.1
0°-40°	3963.8	24.2
0°-60°	9666.0	58.9
0°-90°	16406.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16406.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4901	4901	4901	4901	4901	
5°	5024	3267	3569	5278	5024	456
15°	4242	1428	1352	3967	4242	1247
25°	5951	728	707	4688	5951	2762
35°	7715	549	528	6287	7715	4896
45°	9259	446	405	7475	9259	7170
55°	10673	378	336	9122	10673	9666
65°	12520	281	268	8999	12520	12006
75°	6830	192	172	4379	6830	7247
85°	1771	110	48	1325	1771	1764
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°	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8
2.5°	5175.4	5168.5	5127.3	4996.9	4859.7	4729.2	4605.7	4475.3	4406.6	4324.3	4289.9
5°	5024.4	5010.7	4894.0	4605.7	4351.7	4077.2	3843.8	3658.5	3507.5	3356.5	3301.5
7.5°	4681.2	4660.6	4523.3	4125.2	3754.6	3397.6	3116.2	2876.0	2676.9	2587.7	2484.7
10°	4406.6	4372.3	4193.9	3754.6	3274.1	2917.2	2731.8	2567.1	2395.5	2251.4	2100.4
12.5°	4235.0	4193.9	4008.5	3493.7	3027.0	2759.3	2567.1	2381.8	2169.0	1990.5	1825.8
15°	4241.9	4193.9	3967.3	3425.1	2965.2	2622.0	2354.3	2100.4	1853.3	1654.2	1468.9
17.5°	4441.0	4379.2	4138.9	3521.2	2917.2	2443.6	2086.6	1757.2	1475.7	1263.0	1112.0
20°	4797.9	4756.7	4482.1	3665.3	2869.1	2251.4	1812.1	1414.0	1118.8	954.1	892.3
22.5°	5333.3	5285.2	4990.1	3885.0	2855.4	2079.8	1516.9	1112.0	899.2	830.5	796.2
25°	5951.0	5861.8	5587.2	4255.6	2882.8	1921.9	1276.7	919.8	803.1	755.0	734.4
27.5°	6486.4	6431.5	6122.6	4605.7	2896.6	1798.3	1112.0	837.4	748.2	707.0	693.3
30°	6891.4	6870.8	6568.8	4990.1	2862.3	1647.3	1009.0	803.1	748.2	707.0	665.8
32.5°	7296.3	7303.2	6980.6	5285.2	2814.2	1516.9	912.9	713.8	658.9	631.5	638.3
35°	7715.0	7749.4	7474.8	5573.5	2711.2	1468.9	844.3	665.8	617.8	576.6	556.0
37.5°	8243.6	8332.8	8065.1	5896.1	2608.3	1427.7	809.9	631.5	583.4	549.1	521.7
40°	8669.1	8833.9	8676.0	6198.1	2539.7	1379.6	782.5	597.2	562.8	521.7	501.1
42.5°	8984.9	9177.1	9122.1	6431.5	2539.7	1331.6	755.0	576.6	549.1	501.1	473.6
45°	9259.4	9458.5	9451.6	6671.7	2594.6	1304.1	720.7	576.6	535.4	487.3	459.9
47.5°	9506.5	9705.6	9774.2	6973.7	2683.8	1290.4	679.5	562.8	535.4	480.5	439.3
50°	9774.2	9993.9	10199.8	7454.2	2793.6	1256.1	652.1	542.2	542.2	473.6	425.6
52.5°	10117.4	10364.5	10742.0	8051.4	2903.4	1194.3	610.9	528.5	542.2	466.7	411.8
55°	10673.4	10879.3	11373.5	8765.2	3040.7	1118.8	576.6	494.2	514.8	446.2	391.2
57.5°	11298.0	11476.5	11888.3	9314.3	3081.9	1022.7	528.5	459.9	494.2	425.6	363.8
60°	12066.8	12156.0	12156.0	9472.2	2944.6	933.5	494.2	432.4	446.2	405.0	343.2
62.5°	12554.1	12554.1	12156.0	9183.9	2683.8	858.0	466.7	405.0	391.2	377.5	322.6
65°	12519.8	12464.9	11874.6	8346.5	2381.8	809.9	439.3	370.7	350.1	343.2	302.0
67.5°	11943.2	11847.1	11044.0	7165.9	2066.0	789.4	411.8	336.3	322.6	308.9	274.6
70°	10721.4	10474.3	9485.9	5765.7	1757.2	775.6	405.0	308.9	295.1	281.4	254.0
72.5°	8950.6	8634.8	7406.2	4434.1	1475.7	727.6	384.4	274.6	267.7	254.0	226.5
75°	6829.6	6246.2	5168.5	3390.8	1146.3	631.5	329.5	240.2	240.2	233.4	205.9
77.5°	4708.6	4406.6	3603.6	2505.3	837.4	487.3	267.7	212.8	212.8	219.6	192.2
80°	3329.0	3047.6	2567.1	1798.3	528.5	329.5	205.9	178.5	199.1	212.8	178.5
82.5°	2546.5	2340.6	1908.2	1311.0	308.9	226.5	157.9	144.1	171.6	185.3	151.0
85°	1770.9	1523.8	967.8	878.6	178.5	137.3	116.7	116.7	151.0	185.3	137.3
87.5°	501.1	212.8	61.8	260.8	75.5	54.9	41.2	27.5	41.2	41.2	27.5
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°	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8
2.5°	4255.6	4214.4	4214.4	4200.7	4207.6	4214.4	4207.6	4255.6	4276.2	4303.7	4358.6
5°	3267.2	3322.1	3281.0	3322.1	3377.0	3459.4	3480.0	3541.8	3548.6	3596.7	3569.2
7.5°	2423.0	2416.1	2381.8	2429.8	2580.8	2697.5	2752.4	2786.8	2793.6	2793.6	2759.3
10°	2052.3	1990.5	1928.8	1894.4	1908.2	2031.7	2072.9	2093.5	2079.8	2100.4	2072.9
12.5°	1757.2	1702.3	1613.0	1551.2	1510.1	1544.4	1585.6	1606.2	1619.9	1654.2	1681.7
15°	1427.7	1372.8	1317.9	1283.6	1249.2	1221.8	1256.1	1276.7	1311.0	1338.5	1352.2
17.5°	1084.5	1057.0	1029.6	1050.2	1050.2	1036.5	1050.2	1057.0	1070.8	1091.4	1084.5
20°	878.6	871.7	864.9	899.2	926.6	926.6	940.4	919.8	912.9	892.3	885.4
22.5°	782.5	782.5	789.4	816.8	844.3	858.0	858.0	823.7	789.4	775.6	782.5
25°	727.6	727.6	748.2	755.0	768.8	768.8	775.6	741.3	720.7	700.1	707.0
27.5°	686.4	686.4	693.3	693.3	700.1	700.1	707.0	693.3	665.8	658.9	658.9
30°	658.9	658.9	652.1	652.1	652.1	652.1	658.9	638.3	624.6	617.8	617.8
32.5°	631.5	624.6	617.8	617.8	610.9	610.9	617.8	597.2	590.3	590.3	590.3
35°	549.1	542.2	549.1	562.8	562.8	569.7	569.7	562.8	549.1	535.4	528.5
37.5°	514.8	507.9	507.9	507.9	521.7	528.5	535.4	521.7	501.1	480.5	480.5
40°	487.3	487.3	480.5	480.5	480.5	494.2	507.9	487.3	459.9	453.0	453.0
42.5°	466.7	459.9	453.0	446.2	439.3	459.9	473.6	446.2	432.4	432.4	432.4
45°	446.2	439.3	432.4	425.6	418.7	425.6	439.3	411.8	405.0	405.0	405.0
47.5°	425.6	418.7	405.0	398.1	391.2	391.2	405.0	384.4	377.5	384.4	384.4
50°	411.8	398.1	384.4	377.5	370.7	370.7	370.7	363.8	363.8	363.8	370.7
52.5°	398.1	384.4	363.8	356.9	350.1	350.1	350.1	350.1	343.2	350.1	356.9
55°	377.5	363.8	350.1	343.2	336.3	329.5	336.3	329.5	329.5	336.3	336.3
57.5°	350.1	336.3	322.6	322.6	315.7	315.7	322.6	315.7	315.7	322.6	322.6
60°	329.5	315.7	302.0	302.0	295.1	302.0	308.9	302.0	302.0	302.0	308.9
62.5°	302.0	295.1	281.4	281.4	281.4	281.4	288.3	281.4	288.3	288.3	288.3
65°	281.4	267.7	260.8	260.8	260.8	260.8	274.6	260.8	267.7	267.7	267.7
67.5°	260.8	247.1	240.2	240.2	240.2	240.2	254.0	240.2	247.1	254.0	247.1
70°	240.2	226.5	219.6	219.6	219.6	219.6	226.5	219.6	219.6	226.5	226.5
72.5°	212.8	205.9	199.1	199.1	192.2	199.1	205.9	199.1	199.1	199.1	199.1
75°	192.2	185.3	185.3	178.5	178.5	178.5	185.3	171.6	171.6	171.6	171.6
77.5°	178.5	164.7	164.7	164.7	157.9	164.7	157.9	144.1	144.1	144.1	144.1
80°	151.0	137.3	144.1	144.1	137.3	137.3	130.4	116.7	116.7	116.7	116.7
82.5°	123.6	109.8	116.7	116.7	116.7	116.7	103.0	96.1	89.2	82.4	82.4
85°	109.8	89.2	103.0	103.0	96.1	96.1	68.6	68.6	54.9	54.9	48.0
87.5°	20.6	13.7	27.5	34.3	34.3	41.2	27.5	34.3	20.6	13.7	13.7
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°	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8
2.5°	4351.7	4427.2	4530.2	4605.7	4722.4	4811.6	4948.9	5065.6	5175.4	5223.4	5271.5
5°	3651.6	3699.7	3857.5	3981.1	4166.4	4365.5	4612.6	4880.2	5154.8	5278.4	5422.5
7.5°	2731.8	2821.1	2910.3	3088.8	3315.3	3637.9	3953.6	4351.7	4736.1	4921.4	5168.5
10°	2121.0	2189.6	2292.5	2477.9	2690.7	2958.3	3335.9	3809.5	4269.4	4509.6	4763.6
12.5°	1702.3	1798.3	1935.6	2127.8	2374.9	2649.5	2924.0	3363.3	3898.7	4173.3	4461.5
15°	1379.6	1455.2	1606.2	1846.4	2134.7	2416.1	2704.4	3068.2	3651.6	3967.3	4310.5
17.5°	1098.2	1153.1	1290.4	1530.7	1818.9	2134.7	2464.1	2924.0	3569.2	3953.6	4358.6
20°	892.3	933.5	1022.7	1201.2	1475.7	1818.9	2230.8	2786.8	3617.3	4111.5	4605.7
22.5°	782.5	796.2	837.4	933.5	1160.0	1523.8	2018.0	2670.1	3706.5	4344.9	5010.7
25°	707.0	720.7	734.4	796.2	926.6	1269.8	1832.7	2601.4	3898.7	4688.1	5477.4
27.5°	658.9	672.7	679.5	707.0	796.2	1084.5	1674.8	2560.2	4159.5	5189.1	6054.0
30°	617.8	617.8	638.3	679.5	741.3	954.1	1537.5	2464.1	4434.1	5607.8	6507.0
32.5°	583.4	590.3	617.8	638.3	679.5	844.3	1400.2	2340.6	4681.2	5951.0	6953.2
35°	521.7	521.7	528.5	562.8	617.8	755.0	1276.7	2217.0	4818.5	6287.4	7351.3
37.5°	480.5	487.3	501.1	528.5	576.6	693.3	1173.7	2079.8	4962.6	6603.1	7818.0
40°	453.0	459.9	473.6	501.1	549.1	638.3	1084.5	1969.9	5113.6	6946.3	8319.1
42.5°	432.4	439.3	453.0	480.5	521.7	624.6	988.4	1880.7	5202.9	7262.0	8792.7
45°	411.8	418.7	439.3	466.7	501.1	610.9	933.5	1818.9	5237.2	7474.8	9170.2
47.5°	391.2	398.1	418.7	459.9	501.1	590.3	912.9	1784.6	5264.6	7715.0	9472.2
50°	370.7	384.4	411.8	453.0	507.9	562.8	899.2	1777.8	5422.5	8023.9	9760.5
52.5°	356.9	377.5	405.0	453.0	501.1	521.7	892.3	1798.3	5738.2	8483.8	10172.3
55°	343.2	363.8	391.2	453.0	480.5	487.3	858.0	1832.7	6218.7	9122.1	10755.8
57.5°	329.5	343.2	377.5	439.3	453.0	459.9	789.4	1880.7	6699.2	9746.8	11352.9
60°	308.9	322.6	356.9	439.3	411.8	432.4	700.1	1894.4	7042.4	9945.8	11407.8
62.5°	288.3	302.0	336.3	453.0	377.5	405.0	624.6	1846.4	7111.0	9657.5	11099.0
65°	267.7	281.4	308.9	377.5	350.1	377.5	576.6	1716.0	6884.5	8998.6	10536.1
67.5°	247.1	260.8	281.4	308.9	315.7	343.2	556.0	1510.1	6314.8	8181.8	9767.4
70°	219.6	233.4	254.0	274.6	281.4	322.6	521.7	1311.0	5395.0	7090.4	8827.0
72.5°	199.1	205.9	226.5	240.2	254.0	295.1	501.1	1146.3	4125.2	5738.2	7200.3
75°	171.6	171.6	192.2	205.9	219.6	260.8	459.9	954.1	2910.3	4379.2	5292.1
77.5°	144.1	144.1	157.9	171.6	185.3	226.5	391.2	775.6	2018.0	3473.1	3836.9
80°	109.8	109.8	123.6	137.3	151.0	192.2	315.7	569.7	1249.2	2539.7	2793.6
82.5°	75.5	75.5	96.1	103.0	109.8	151.0	240.2	391.2	734.4	1832.7	1997.4
85°	41.2	41.2	54.9	61.8	75.5	109.8	178.5	274.6	439.3	1324.7	1331.6
87.5°	6.9	6.9	20.6	20.6	34.3	54.9	103.0	151.0	247.1	734.4	466.7
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: P598652  
 CATALOG NUMBER: IFLD-S-SA3C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8	4900.8
2.5°	5360.7	5436.2	5443.1	5443.1	5408.8	5415.6	5319.5	5216.6	5182.3	5175.4
5°	5642.1	5841.2	5896.1	5923.6	5834.3	5697.1	5450.0	5182.3	5045.0	5024.4
7.5°	5587.2	5985.3	6198.1	6225.6	6047.1	5724.5	5292.1	4880.2	4722.4	4681.2
10°	5264.6	5800.0	6184.4	6280.5	6088.3	5676.5	5113.6	4633.1	4441.0	4406.6
12.5°	5038.1	5552.9	5930.4	6060.8	5971.6	5614.7	5024.4	4475.3	4283.1	4235.0
15°	4914.6	5388.2	5635.3	5676.5	5669.6	5518.6	5024.4	4509.6	4296.8	4241.9
17.5°	5017.5	5340.1	5374.4	5278.4	5333.3	5408.8	5134.2	4694.9	4489.0	4441.0
20°	5223.4	5319.5	5154.8	5010.7	5038.1	5278.4	5305.8	5045.0	4880.2	4797.9
22.5°	5655.9	5395.0	5017.5	4818.5	4839.1	5175.4	5532.3	5518.6	5374.4	5333.3
25°	6095.2	5607.8	4976.3	4743.0	4770.4	5154.8	5800.0	6047.1	5971.6	5951.0
27.5°	6582.5	5964.7	5003.8	4708.6	4743.0	5182.3	5985.3	6493.3	6507.0	6486.4
30°	6912.0	6136.3	5086.2	4749.8	4797.9	5250.9	6026.5	6761.0	6884.5	6891.4
32.5°	7186.5	6307.9	5257.8	4818.5	4900.8	5374.4	6136.3	7014.9	7289.5	7296.3
35°	7406.2	6500.1	5470.5	4942.0	5065.6	5580.4	6280.5	7255.2	7667.0	7715.0
37.5°	7687.6	6712.9	5717.6	5209.7	5347.0	5875.5	6534.5	7536.6	8113.2	8243.6
40°	7989.6	6925.7	6074.6	5642.1	5841.2	6314.8	6822.7	7852.3	8490.7	8669.1
42.5°	8325.9	7152.2	6479.5	6225.6	6527.6	6870.8	7152.2	8140.6	8779.0	8984.9
45°	8655.4	7426.8	7069.8	7021.8	7358.1	7529.7	7474.8	8346.5	9053.5	9259.4
47.5°	8888.8	7824.9	7783.7	8072.0	8387.7	8298.5	7852.3	8497.5	9280.0	9506.5
50°	9101.6	8319.1	8682.9	9245.7	9437.9	9135.9	8257.3	8703.5	9520.3	9774.2
52.5°	9417.3	8847.6	9609.5	10309.6	10494.9	10014.5	8696.6	9039.8	9890.9	10117.4
55°	10062.5	9444.8	10577.3	11380.4	11414.7	10817.5	9286.9	9609.5	10412.6	10673.4
57.5°	10783.2	10179.2	11346.1	12265.8	12252.1	11620.6	9952.7	10378.2	11119.6	11298.0
60°	11435.3	10920.5	12183.5	12897.3	12863.0	12204.0	10728.3	11250.0	11929.5	12066.8
62.5°	11819.7	11593.2	12554.1	13096.4	12965.9	12396.2	11387.2	12025.6	12506.1	12554.1
65°	11757.9	11977.5	12121.7	12458.0	12272.7	11860.9	11709.8	12519.8	12567.8	12519.8
67.5°	11291.1	11757.9	10934.2	10968.5	10872.4	10522.4	11208.8	12389.4	12059.9	11943.2
70°	10584.2	10618.5	9142.7	8710.3	8861.3	8380.8	9616.4	11373.5	10865.6	10721.4
72.5°	9410.4	8984.9	6912.0	6472.7	6699.2	6356.0	7715.0	9911.5	9417.3	8950.6
75°	7893.5	7117.9	5264.6	4640.0	4756.7	4743.0	5978.5	8188.7	7296.3	6829.6
77.5°	6115.8	5546.0	3885.0	3644.7	3521.2	3548.6	4173.3	6088.3	5292.1	4708.6
80°	4468.4	3878.1	3006.4	3143.7	3075.0	2910.3	2924.0	4077.2	3679.1	3329.0
82.5°	3088.8	2759.3	2436.7	2752.4	2587.7	2333.7	2278.8	2937.8	2759.3	2546.5
85°	2072.9	2272.0	1935.6	2107.2	1825.8	1681.7	2141.5	2457.3	1983.7	1770.9
87.5°	1352.2	2079.8	1393.4	1057.0	604.0	809.9	1311.0	1613.0	926.6	501.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)