

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: P598686

Luminaire Tested: **IFLD-S-SA6C-735-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598686  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6C-735-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (96) 3500K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

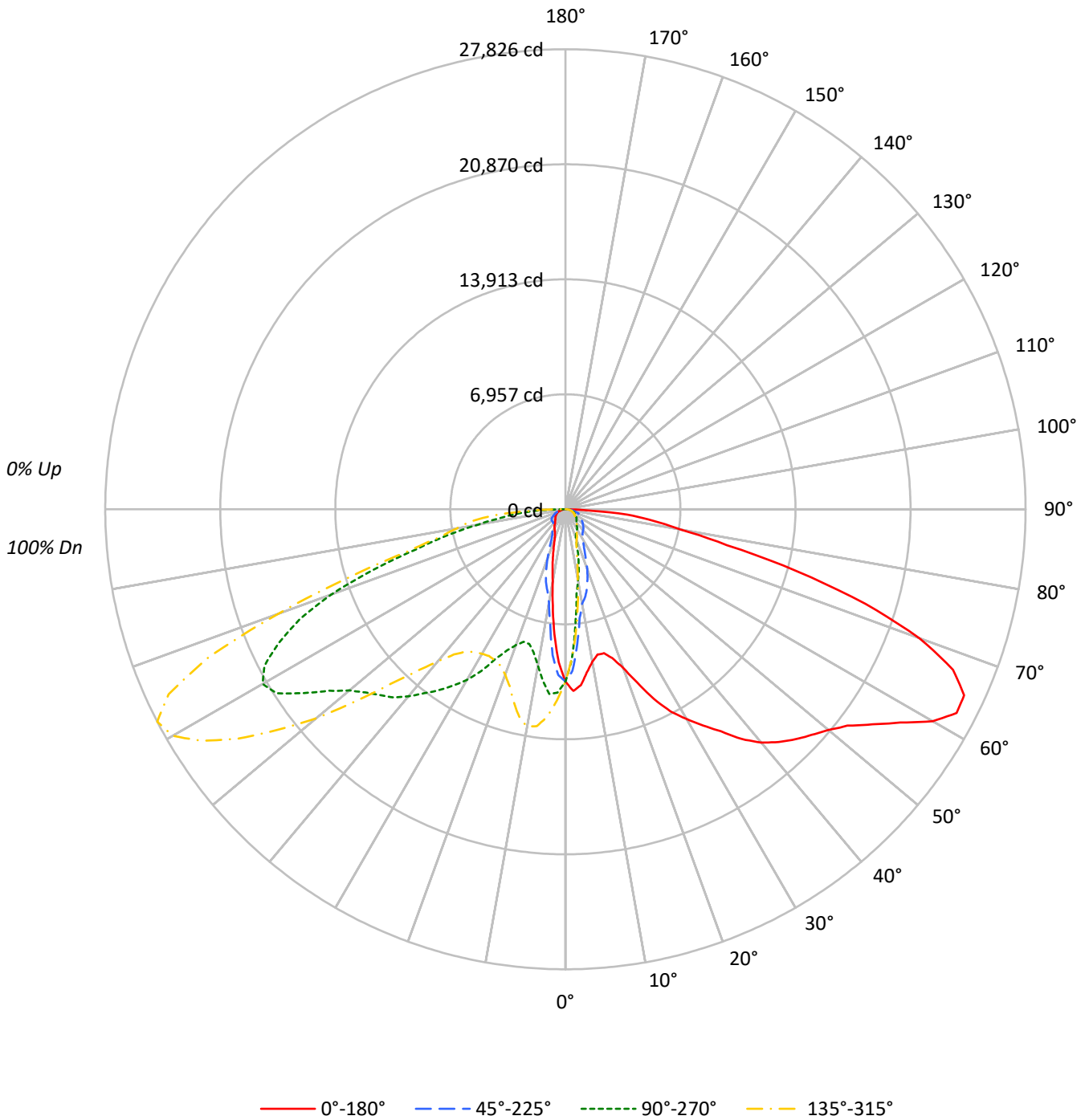
Lumens per Lamp: N/A  
 Luminaire Lumens: 34858.9 lumens  
 Efficiency: N/A  
 Efficacy: 108.4 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 321.5  
 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	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°	74723	74723	74723	74723
5°	76899	50006	54628	80786
10°	68224	31774	32093	69818
15°	66958	22536	21344	62624
20°	77848	14256	14367	66711
25°	100115	12240	11894	78868
30°	121328	11601	10876	98729
35°	143601	10221	9838	117028
40°	172546	9700	9016	138255
45°	199656	9621	8733	161176
50°	231845	9768	8791	190328
55°	283723	10035	8940	242488
60°	367964	10046	9419	303287
65°	451681	10152	9658	324646
70°	477953	10709	10098	316086
75°	402331	11323	10109	257977
80°	292297	13257	10244	222992
85°	309801	19209	8406	231748

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	805.9	2.3
10°-20°	1686.6	4.8
20°-30°	2430.6	7.0
30°-40°	3499.0	10.0
40°-50°	4970.1	14.3
50°-60°	7145.6	20.5
60°-70°	8255.5	23.7
70°-80°	4674.4	13.4
80°-90°	1391.1	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°	4923.0	14.1
0°-40°	8422.0	24.2
0°-60°	20537.8	58.9
0°-90°	34858.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	34858.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	10413	10413	10413	10413	10413	
5°	10676	6942	7584	11215	10676	969
15°	9013	3034	2873	8430	9013	2650
25°	12644	1546	1502	9961	12644	5869
35°	16392	1167	1123	13359	16392	10404
45°	19674	948	860	15882	19674	15234
55°	22678	802	715	19382	22678	20539
65°	26601	598	569	19120	26601	25509
75°	14511	408	365	9305	14511	15397
85°	3763	233	102	2815	3763	3747
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°	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0
2.5°	10996.3	10981.8	10894.3	10617.2	10325.5	10048.4	9785.9	9508.8	9362.9	9187.9	9115.0
5°	10675.5	10646.3	10398.4	9785.9	9246.3	8662.9	8167.0	7773.3	7452.4	7131.6	7014.9
7.5°	9946.3	9902.5	9610.9	8765.0	7977.5	7219.1	6621.1	6110.7	5687.8	5498.2	5279.4
10°	9362.9	9290.0	8910.8	7977.5	6956.6	6198.2	5804.4	5454.4	5089.8	4783.6	4462.7
12.5°	8998.3	8910.8	8517.1	7423.3	6431.6	5862.8	5454.4	5060.7	4608.5	4229.4	3879.3
15°	9012.9	8910.8	8429.6	7277.4	6300.3	5571.1	5002.3	4462.7	3937.7	3514.7	3121.0
17.5°	9435.9	9304.6	8794.2	7481.6	6198.2	5191.9	4433.5	3733.5	3135.6	2683.5	2362.6
20°	10194.2	10106.7	9523.4	7787.9	6096.1	4783.6	3850.2	3004.3	2377.2	2027.2	1895.9
22.5°	11331.8	11229.7	10602.6	8254.6	6067.0	4419.0	3223.1	2362.6	1910.5	1764.7	1691.7
25°	12644.3	12454.7	11871.4	9042.1	6125.3	4083.5	2712.6	1954.3	1706.3	1604.2	1560.5
27.5°	13781.9	13665.2	13008.9	9785.9	6154.5	3821.0	2362.6	1779.2	1589.7	1502.2	1473.0
30°	14642.4	14598.6	13956.9	10602.6	6081.5	3500.2	2143.9	1706.3	1589.7	1502.2	1414.6
32.5°	15502.8	15517.4	14831.9	11229.7	5979.4	3223.1	1939.7	1516.7	1400.1	1341.7	1356.3
35°	16392.4	16465.4	15882.0	11842.2	5760.7	3121.0	1793.8	1414.6	1312.6	1225.1	1181.3
37.5°	17515.4	17705.0	17136.2	12527.7	5541.9	3033.5	1720.9	1341.7	1239.6	1166.7	1108.4
40°	18419.6	18769.6	18434.2	13169.4	5396.1	2931.4	1662.6	1268.8	1195.9	1108.4	1064.6
42.5°	19090.5	19498.8	19382.2	13665.2	5396.1	2829.3	1604.2	1225.1	1166.7	1064.6	1006.3
45°	19673.8	20096.8	20082.2	14175.7	5512.8	2771.0	1531.3	1225.1	1137.6	1035.5	977.1
47.5°	20198.9	20621.8	20767.6	14817.4	5702.3	2741.8	1443.8	1195.9	1137.6	1020.9	933.4
50°	20767.6	21234.3	21671.8	15838.2	5935.7	2668.9	1385.5	1152.1	1152.1	1006.3	904.2
52.5°	21496.8	22021.9	22824.0	17107.0	6169.0	2537.6	1298.0	1123.0	1152.1	991.7	875.0
55°	22678.1	23115.7	24165.7	18623.8	6460.7	2377.2	1225.1	1050.0	1093.8	948.0	831.3
57.5°	24005.3	24384.5	25259.5	19790.5	6548.2	2173.0	1123.0	977.1	1050.0	904.2	773.0
60°	25638.7	25828.3	25828.3	20125.9	6256.5	1983.4	1050.0	918.8	948.0	860.5	729.2
62.5°	26674.2	26674.2	25828.3	19513.4	5702.3	1823.0	991.7	860.5	831.3	802.1	685.4
65°	26601.2	26484.6	25230.3	17734.2	5060.7	1720.9	933.4	787.5	743.8	729.2	641.7
67.5°	25376.2	25172.0	23465.7	15225.7	4389.8	1677.2	875.0	714.6	685.4	656.3	583.4
70°	22780.2	22255.2	20155.1	12250.6	3733.5	1648.0	860.5	656.3	627.1	597.9	539.6
72.5°	19017.6	18346.7	15736.2	9421.3	3135.6	1545.9	816.7	583.4	568.8	539.6	481.3
75°	14511.1	13271.5	10981.8	7204.5	2435.5	1341.7	700.0	510.4	510.4	495.9	437.5
77.5°	10004.6	9362.9	7656.6	5323.2	1779.2	1035.5	568.8	452.1	452.1	466.7	408.4
80°	7073.2	6475.3	5454.4	3821.0	1123.0	700.0	437.5	379.2	422.9	452.1	379.2
82.5°	5410.7	4973.1	4054.4	2785.5	656.3	481.3	335.4	306.3	364.6	393.8	320.8
85°	3762.7	3237.7	2056.3	1866.8	379.2	291.7	247.9	247.9	320.8	393.8	291.7
87.5°	1064.6	452.1	131.3	554.2	160.4	116.7	87.5	58.3	87.5	87.5	58.3
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°	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0
2.5°	9042.1	8954.6	8954.6	8925.4	8940.0	8954.6	8940.0	9042.1	9085.8	9144.2	9260.8
5°	6942.0	7058.7	6971.2	7058.7	7175.3	7350.3	7394.1	7525.4	7539.9	7642.0	7583.7
7.5°	5148.2	5133.6	5060.7	5162.7	5483.6	5731.5	5848.2	5921.1	5935.7	5935.7	5862.8
10°	4360.6	4229.4	4098.1	4025.2	4054.4	4316.9	4404.4	4448.1	4419.0	4462.7	4404.4
12.5°	3733.5	3616.8	3427.2	3296.0	3208.5	3281.4	3368.9	3412.7	3441.8	3514.7	3573.1
15°	3033.5	2916.8	2800.1	2727.2	2654.3	2596.0	2668.9	2712.6	2785.5	2843.9	2873.1
17.5°	2304.3	2245.9	2187.6	2231.4	2231.4	2202.2	2231.4	2245.9	2275.1	2318.9	2304.3
20°	1866.8	1852.2	1837.6	1910.5	1968.8	1968.8	1998.0	1954.3	1939.7	1895.9	1881.3
22.5°	1662.6	1662.6	1677.2	1735.5	1793.8	1823.0	1823.0	1750.1	1677.2	1648.0	1662.6
25°	1545.9	1545.9	1589.7	1604.2	1633.4	1633.4	1648.0	1575.1	1531.3	1487.6	1502.2
27.5°	1458.4	1458.4	1473.0	1473.0	1487.6	1487.6	1502.2	1473.0	1414.6	1400.1	1400.1
30°	1400.1	1400.1	1385.5	1385.5	1385.5	1385.5	1400.1	1356.3	1327.1	1312.6	1312.6
32.5°	1341.7	1327.1	1312.6	1312.6	1298.0	1298.0	1312.6	1268.8	1254.2	1254.2	1254.2
35°	1166.7	1152.1	1166.7	1195.9	1195.9	1210.5	1210.5	1195.9	1166.7	1137.6	1123.0
37.5°	1093.8	1079.2	1079.2	1079.2	1108.4	1123.0	1137.6	1108.4	1064.6	1020.9	1020.9
40°	1035.5	1035.5	1020.9	1020.9	1020.9	1050.0	1079.2	1035.5	977.1	962.5	962.5
42.5°	991.7	977.1	962.5	948.0	933.4	977.1	1006.3	948.0	918.8	918.8	918.8
45°	948.0	933.4	918.8	904.2	889.6	904.2	933.4	875.0	860.5	860.5	860.5
47.5°	904.2	889.6	860.5	845.9	831.3	831.3	860.5	816.7	802.1	816.7	816.7
50°	875.0	845.9	816.7	802.1	787.5	787.5	787.5	773.0	773.0	773.0	787.5
52.5°	845.9	816.7	773.0	758.4	743.8	743.8	743.8	743.8	729.2	743.8	758.4
55°	802.1	773.0	743.8	729.2	714.6	700.0	714.6	700.0	700.0	714.6	714.6
57.5°	743.8	714.6	685.4	685.4	670.9	670.9	685.4	670.9	670.9	685.4	685.4
60°	700.0	670.9	641.7	641.7	627.1	641.7	656.3	641.7	641.7	641.7	656.3
62.5°	641.7	627.1	597.9	597.9	597.9	597.9	612.5	597.9	612.5	612.5	612.5
65°	597.9	568.8	554.2	554.2	554.2	554.2	583.4	554.2	568.8	568.8	568.8
67.5°	554.2	525.0	510.4	510.4	510.4	510.4	539.6	510.4	525.0	539.6	525.0
70°	510.4	481.3	466.7	466.7	466.7	466.7	481.3	466.7	466.7	481.3	481.3
72.5°	452.1	437.5	422.9	422.9	408.4	422.9	437.5	422.9	422.9	422.9	422.9
75°	408.4	393.8	393.8	379.2	379.2	379.2	393.8	364.6	364.6	364.6	364.6
77.5°	379.2	350.0	350.0	350.0	335.4	350.0	335.4	306.3	306.3	306.3	306.3
80°	320.8	291.7	306.3	306.3	291.7	291.7	277.1	247.9	247.9	247.9	247.9
82.5°	262.5	233.3	247.9	247.9	247.9	247.9	218.8	204.2	189.6	175.0	175.0
85°	233.3	189.6	218.8	218.8	204.2	204.2	145.8	145.8	116.7	116.7	102.1
87.5°	43.8	29.2	58.3	72.9	72.9	87.5	58.3	72.9	43.8	29.2	29.2
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0
2.5°	9246.3	9406.7	9625.5	9785.9	10033.8	10223.4	10515.1	10763.0	10996.3	11098.4	11200.5
5°	7758.7	7860.8	8196.2	8458.7	8852.5	9275.4	9800.5	10369.2	10952.6	11215.1	11521.4
7.5°	5804.4	5994.0	6183.6	6562.8	7044.1	7729.5	8400.4	9246.3	10063.0	10456.7	10981.8
10°	4506.5	4652.3	4871.1	5264.8	5716.9	6285.7	7087.8	8094.1	9071.3	9581.7	10121.3
12.5°	3616.8	3821.0	4112.7	4521.0	5046.1	5629.4	6212.8	7146.2	8283.7	8867.1	9479.6
15°	2931.4	3091.8	3412.7	3923.1	4535.6	5133.6	5746.1	6519.1	7758.7	8429.6	9158.8
17.5°	2333.4	2450.1	2741.8	3252.2	3864.8	4535.6	5235.7	6212.8	7583.7	8400.4	9260.8
20°	1895.9	1983.4	2173.0	2552.2	3135.6	3864.8	4739.8	5921.1	7685.8	8735.8	9785.9
22.5°	1662.6	1691.7	1779.2	1983.4	2464.7	3237.7	4287.7	5673.2	7875.4	9231.7	10646.3
25°	1502.2	1531.3	1560.5	1691.7	1968.8	2698.0	3893.9	5527.3	8283.7	9960.9	11638.0
27.5°	1400.1	1429.2	1443.8	1502.2	1691.7	2304.3	3558.5	5439.8	8837.9	11025.5	12863.1
30°	1312.6	1312.6	1356.3	1443.8	1575.1	2027.2	3266.8	5235.7	9421.3	11915.1	13825.6
32.5°	1239.6	1254.2	1312.6	1356.3	1443.8	1793.8	2975.1	4973.1	9946.3	12644.3	14773.6
35°	1108.4	1108.4	1123.0	1195.9	1312.6	1604.2	2712.6	4710.6	10238.0	13359.0	15619.5
37.5°	1020.9	1035.5	1064.6	1123.0	1225.1	1473.0	2493.9	4419.0	10544.2	14029.8	16611.2
40°	962.5	977.1	1006.3	1064.6	1166.7	1356.3	2304.3	4185.6	10865.1	14759.0	17675.8
42.5°	918.8	933.4	962.5	1020.9	1108.4	1327.1	2100.1	3996.0	11054.7	15429.9	18682.1
45°	875.0	889.6	933.4	991.7	1064.6	1298.0	1983.4	3864.8	11127.6	15882.0	19484.2
47.5°	831.3	845.9	889.6	977.1	1064.6	1254.2	1939.7	3791.8	11185.9	16392.4	20125.9
50°	787.5	816.7	875.0	962.5	1079.2	1195.9	1910.5	3777.3	11521.4	17048.7	20738.5
52.5°	758.4	802.1	860.5	962.5	1064.6	1108.4	1895.9	3821.0	12192.2	18025.8	21613.5
55°	729.2	773.0	831.3	962.5	1020.9	1035.5	1823.0	3893.9	13213.1	19382.2	22853.2
57.5°	700.0	729.2	802.1	933.4	962.5	977.1	1677.2	3996.0	14234.0	20709.3	24122.0
60°	656.3	685.4	758.4	933.4	875.0	918.8	1487.6	4025.2	14963.2	21132.2	24238.6
62.5°	612.5	641.7	714.6	962.5	802.1	860.5	1327.1	3923.1	15109.0	20519.7	23582.4
65°	568.8	597.9	656.3	802.1	743.8	802.1	1225.1	3646.0	14627.8	19119.6	22386.5
67.5°	525.0	554.2	597.9	656.3	670.9	729.2	1181.3	3208.5	13417.3	17384.1	20753.1
70°	466.7	495.9	539.6	583.4	597.9	685.4	1108.4	2785.5	11463.0	15065.3	18755.0
72.5°	422.9	437.5	481.3	510.4	539.6	627.1	1064.6	2435.5	8765.0	12192.2	15298.6
75°	364.6	364.6	408.4	437.5	466.7	554.2	977.1	2027.2	6183.6	9304.6	11244.3
77.5°	306.3	306.3	335.4	364.6	393.8	481.3	831.3	1648.0	4287.7	7379.5	8152.5
80°	233.3	233.3	262.5	291.7	320.8	408.4	670.9	1210.5	2654.3	5396.1	5935.7
82.5°	160.4	160.4	204.2	218.8	233.3	320.8	510.4	831.3	1560.5	3893.9	4243.9
85°	87.5	87.5	116.7	131.3	160.4	233.3	379.2	583.4	933.4	2814.7	2829.3
87.5°	14.6	14.6	43.8	43.8	72.9	116.7	218.8	320.8	525.0	1560.5	991.7
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: P598686  
 CATALOG NUMBER: IFLD-S-SA6C-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0	10413.0
2.5°	11390.1	11550.5	11565.1	11565.1	11492.2	11506.8	11302.6	11083.9	11010.9	10996.3
5°	11988.1	12411.0	12527.7	12586.0	12396.4	12104.7	11579.7	11010.9	10719.3	10675.5
7.5°	11871.4	12717.3	13169.4	13227.7	12848.5	12163.1	11244.3	10369.2	10033.8	9946.3
10°	11185.9	12323.5	13140.2	13344.4	12936.0	12061.0	10865.1	9844.2	9435.9	9362.9
12.5°	10704.7	11798.5	12600.6	12877.7	12688.1	11929.7	10675.5	9508.8	9100.4	8998.3
15°	10442.2	11448.5	11973.5	12061.0	12046.4	11725.5	10675.5	9581.7	9129.6	9012.9
17.5°	10660.9	11346.4	11419.3	11215.1	11331.8	11492.2	10908.8	9975.5	9537.9	9435.9
20°	11098.4	11302.6	10952.6	10646.3	10704.7	11215.1	11273.4	10719.3	10369.2	10194.2
22.5°	12017.2	11463.0	10660.9	10238.0	10281.7	10996.3	11754.7	11725.5	11419.3	11331.8
25°	12950.6	11915.1	10573.4	10077.6	10135.9	10952.6	12323.5	12848.5	12688.1	12644.3
27.5°	13986.1	12673.5	10631.7	10004.6	10077.6	11010.9	12717.3	13796.5	13825.6	13781.9
30°	14686.1	13038.1	10806.8	10092.1	10194.2	11156.8	12804.8	14365.3	14627.8	14642.4
32.5°	15269.5	13402.7	11171.4	10238.0	10413.0	11419.3	13038.1	14904.9	15488.2	15502.8
35°	15736.2	13811.1	11623.5	10500.5	10763.0	11856.8	13344.4	15415.3	16290.3	16392.4
37.5°	16334.1	14263.2	12148.5	11069.3	11360.9	12483.9	13884.0	16013.2	17238.3	17515.4
40°	16975.8	14715.3	12906.9	11988.1	12411.0	13417.3	14496.5	16684.1	18040.4	18419.6
42.5°	17690.4	15196.5	13767.3	13227.7	13869.4	14598.6	15196.5	17296.6	18653.0	19090.5
45°	18390.4	15779.9	15021.5	14919.4	15634.1	15998.7	15882.0	17734.2	19236.3	19673.8
47.5°	18886.3	16625.8	16538.3	17150.8	17821.7	17632.1	16684.1	18055.0	19717.6	20198.9
50°	19338.4	17675.8	18448.8	19644.7	20053.0	19411.3	17544.6	18492.5	20228.0	20767.6
52.5°	20009.3	18798.8	20417.6	21905.2	22299.0	21278.1	18477.9	19207.1	21015.6	21496.8
55°	21380.2	20067.6	22474.0	24180.3	24253.2	22984.4	19732.2	20417.6	22124.0	22678.1
57.5°	22911.5	21628.1	24107.4	26061.6	26032.5	24690.7	21146.8	22051.0	23626.1	24005.3
60°	24297.0	23203.2	25886.6	27403.4	27330.4	25930.4	22794.8	23903.2	25347.0	25638.7
62.5°	25113.7	24632.4	26674.2	27826.3	27549.2	26338.7	24194.9	25551.2	26572.1	26674.2
65°	24982.4	25449.1	25755.4	26470.0	26076.2	25201.2	24880.3	26601.2	26703.3	26601.2
67.5°	23990.7	24982.4	23232.3	23305.3	23101.1	22357.3	23815.7	26324.1	25624.1	25376.2
70°	22488.6	22561.5	19425.9	18507.1	18828.0	17807.1	20432.2	24165.7	23086.5	22780.2
72.5°	19994.7	19090.5	14686.1	13752.7	14234.0	13504.8	16392.4	21059.3	20009.3	19017.6
75°	16771.6	15123.6	11185.9	9858.8	10106.7	10077.6	12702.7	17398.7	15502.8	14511.1
77.5°	12994.4	11783.9	8254.6	7744.1	7481.6	7539.9	8867.1	12936.0	11244.3	10004.6
80°	9494.2	8240.0	6387.8	6679.5	6533.6	6183.6	6212.8	8662.9	7817.0	7073.2
82.5°	6562.8	5862.8	5177.3	5848.2	5498.2	4958.6	4841.9	6242.0	5862.8	5410.7
85°	4404.4	4827.3	4112.7	4477.3	3879.3	3573.1	4550.2	5221.1	4214.8	3762.7
87.5°	2873.1	4419.0	2960.6	2245.9	1283.4	1720.9	2785.5	3427.2	1968.8	1064.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)