

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: P598657

Luminaire Tested: **IFLD-S-SA6C-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: P598657  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6C-730-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (96) 3000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

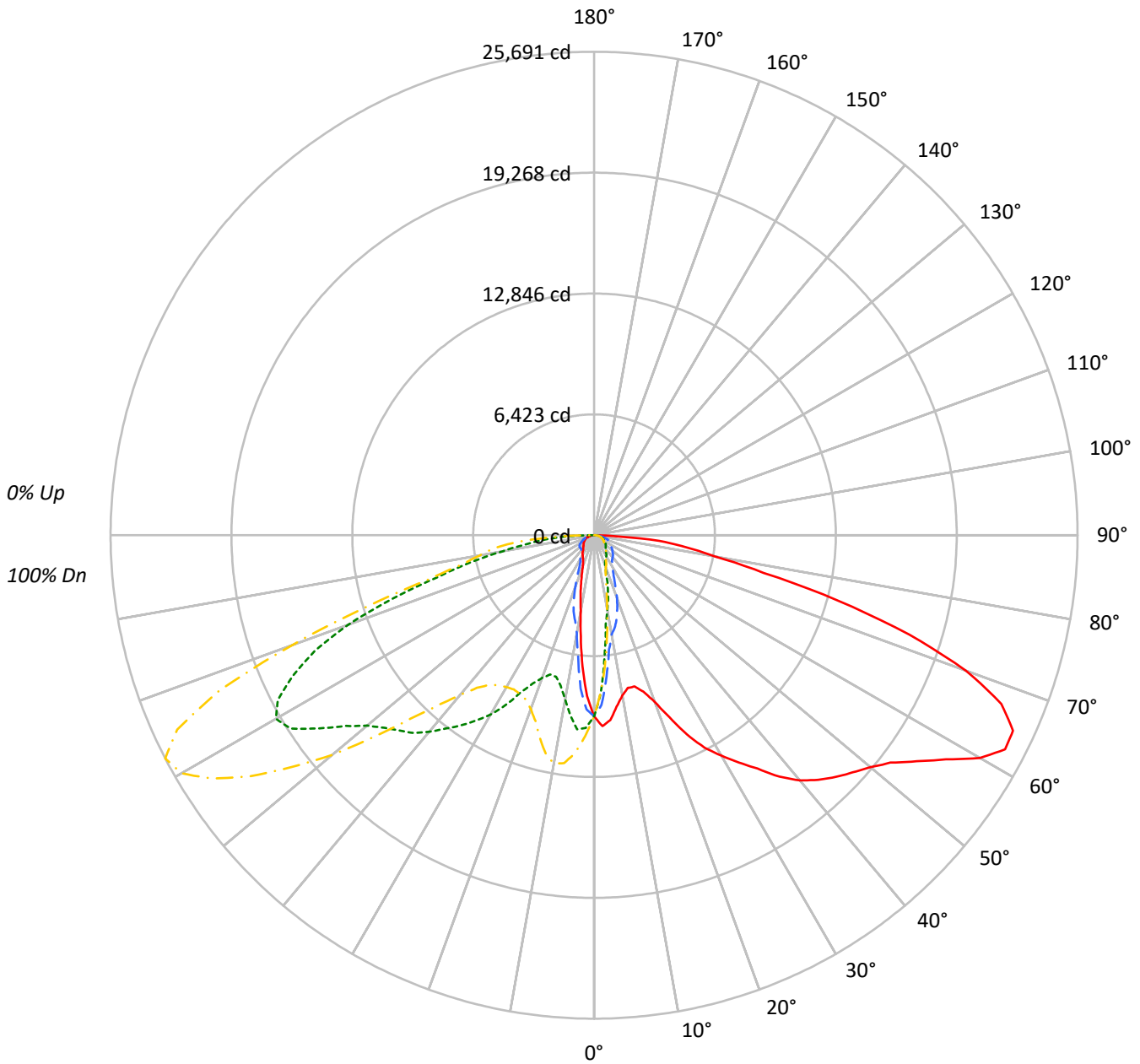
Lumens per Lamp: N/A  
 Luminaire Lumens: 32183.4 lumens  
 Efficiency: N/A  
 Efficacy: 100.1 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

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



— 0°-180°    - - 45°-225°    - - - 90°-270°    - . - 135°-315°

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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°	68988	68988	68988	68988
5°	70997	46168	50435	74586
10°	62988	29335	29630	64460
15°	61819	20807	19706	57818
20°	71873	13161	13264	61590
25°	92431	11301	10981	72815
30°	112015	10711	10041	91152
35°	132580	9436	9083	108045
40°	159303	8955	8325	127644
45°	184332	8882	8062	148805
50°	214051	9019	8117	175720
55°	261948	9266	8255	223876
60°	339722	9276	8696	280010
65°	417015	9375	8916	299730
70°	441269	9888	9322	291825
75°	371450	10453	9332	238178
80°	269866	12240	9459	205875
85°	286023	17735	7764	213963

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	744.0	2.3
10°-20°	1557.1	4.8
20°-30°	2244.0	7.0
30°-40°	3230.5	10.0
40°-50°	4588.6	14.3
50°-60°	6597.2	20.5
60°-70°	7621.9	23.7
70°-80°	4315.7	13.4
80°-90°	1284.4	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°	4545.2	14.1
0°-40°	7775.6	24.2
0°-60°	18961.5	58.9
0°-90°	32183.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	32183.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	9614	9614	9614	9614	9614	
5°	9856	6409	7002	10354	9856	894
15°	8321	2801	2652	7783	8321	2447
25°	11674	1427	1387	9196	11674	5418
35°	15134	1077	1037	12334	15134	9605
45°	18164	875	794	14663	18164	14065
55°	20938	741	660	17894	20938	18962
65°	24560	552	525	17652	24560	23551
75°	13397	377	337	8590	13397	14215
85°	3474	215	94	2599	3474	3460
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°	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8
2.5°	10152.4	10138.9	10058.1	9802.3	9533.0	9277.2	9034.8	8779.0	8644.3	8482.7	8415.4
5°	9856.1	9829.2	9600.3	9034.8	8536.6	7998.0	7540.2	7176.7	6880.4	6584.2	6476.5
7.5°	9182.9	9142.5	8873.2	8092.3	7365.2	6665.0	6113.0	5641.7	5251.2	5076.2	4874.2
10°	8644.3	8577.0	8226.9	7365.2	6422.6	5722.5	5358.9	5035.8	4699.2	4416.4	4120.2
12.5°	8307.7	8226.9	7863.4	6853.5	5937.9	5412.8	5035.8	4672.2	4254.8	3904.8	3581.6
15°	8321.2	8226.9	7782.6	6718.9	5816.7	5143.5	4618.4	4120.2	3635.5	3245.0	2881.4
17.5°	8711.6	8590.5	8119.2	6907.4	5722.5	4793.4	4093.3	3447.0	2894.9	2477.5	2181.3
20°	9411.8	9331.0	8792.4	7190.1	5628.2	4416.4	3554.7	2773.7	2194.7	1871.6	1750.4
22.5°	10462.0	10367.8	9788.8	7621.0	5601.3	4079.8	2975.7	2181.3	1763.9	1629.2	1561.9
25°	11673.9	11498.8	10960.2	8348.1	5655.2	3770.1	2504.4	1804.3	1575.4	1481.1	1440.7
27.5°	12724.1	12616.4	12010.5	9034.8	5682.1	3527.7	2181.3	1642.7	1467.6	1386.9	1359.9
30°	13518.5	13478.1	12885.7	9788.8	5614.8	3231.5	1979.3	1575.4	1467.6	1386.9	1306.1
32.5°	14312.9	14326.4	13693.6	10367.8	5520.5	2975.7	1790.8	1400.3	1292.6	1238.7	1252.2
35°	15134.3	15201.6	14663.0	10933.3	5318.5	2881.4	1656.2	1306.1	1211.8	1131.0	1090.6
37.5°	16171.1	16346.1	15821.0	11566.2	5116.6	2800.7	1588.8	1238.7	1144.5	1077.2	1023.3
40°	17005.9	17329.0	17019.3	12158.6	4981.9	2706.4	1535.0	1171.4	1104.1	1023.3	982.9
42.5°	17625.3	18002.3	17894.5	12616.4	4981.9	2612.1	1481.1	1131.0	1077.2	982.9	929.1
45°	18163.8	18554.3	18540.9	13087.7	5089.6	2558.3	1413.8	1131.0	1050.2	956.0	902.1
47.5°	18648.6	19039.0	19173.7	13680.1	5264.7	2531.4	1333.0	1104.1	1050.2	942.5	861.7
50°	19173.7	19604.6	20008.5	14622.6	5480.1	2464.0	1279.1	1063.7	1063.7	929.1	834.8
52.5°	19846.9	20331.7	21072.2	15794.1	5695.6	2342.9	1198.4	1036.8	1063.7	915.6	807.9
55°	20937.6	21341.5	22311.0	17194.4	5964.8	2194.7	1131.0	969.5	1009.9	875.2	767.5
57.5°	22162.8	22512.9	23320.8	18271.6	6045.6	2006.2	1036.8	902.1	969.5	834.8	713.6
60°	23670.9	23845.9	23845.9	18581.2	5776.3	1831.2	969.5	848.3	875.2	794.4	673.2
62.5°	24626.9	24626.9	23845.9	18015.7	5264.7	1683.1	915.6	794.4	767.5	740.6	632.8
65°	24559.6	24451.8	23293.9	16373.0	4672.2	1588.8	861.7	727.1	686.7	673.2	592.4
67.5°	23428.5	23240.0	21664.7	14057.1	4052.9	1548.4	807.9	659.8	632.8	605.9	538.6
70°	21031.8	20547.1	18608.2	11310.3	3447.0	1521.5	794.4	605.9	579.0	552.1	498.2
72.5°	17557.9	16938.6	14528.4	8698.2	2894.9	1427.3	754.0	538.6	525.1	498.2	444.3
75°	13397.3	12252.8	10138.9	6651.5	2248.6	1238.7	646.3	471.3	471.3	457.8	403.9
77.5°	9236.8	8644.3	7069.0	4914.6	1642.7	956.0	525.1	417.4	417.4	430.9	377.0
80°	6530.4	5978.3	5035.8	3527.7	1036.8	646.3	403.9	350.1	390.5	417.4	350.1
82.5°	4995.4	4591.5	3743.2	2571.8	605.9	444.3	309.7	282.8	336.6	363.5	296.2
85°	3473.9	2989.2	1898.5	1723.5	350.1	269.3	228.9	228.9	296.2	363.5	269.3
87.5°	982.9	417.4	121.2	511.7	148.1	107.7	80.8	53.9	80.8	80.8	53.9
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°	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8
2.5°	8348.1	8267.3	8267.3	8240.4	8253.8	8267.3	8253.8	8348.1	8388.5	8442.3	8550.1
5°	6409.2	6516.9	6436.1	6516.9	6624.6	6786.2	6826.6	6947.8	6961.2	7055.5	7001.6
7.5°	4753.0	4739.6	4672.2	4766.5	5062.7	5291.6	5399.3	5466.7	5480.1	5480.1	5412.8
10°	4025.9	3904.8	3783.6	3716.2	3743.2	3985.5	4066.3	4106.7	4079.8	4120.2	4066.3
12.5°	3447.0	3339.2	3164.2	3043.0	2962.2	3029.6	3110.3	3150.7	3177.7	3245.0	3298.8
15°	2800.7	2692.9	2585.2	2517.9	2450.6	2396.7	2464.0	2504.4	2571.8	2625.6	2652.5
17.5°	2127.4	2073.6	2019.7	2060.1	2060.1	2033.2	2060.1	2073.6	2100.5	2140.9	2127.4
20°	1723.5	1710.0	1696.5	1763.9	1817.7	1817.7	1844.7	1804.3	1790.8	1750.4	1736.9
22.5°	1535.0	1535.0	1548.4	1602.3	1656.2	1683.1	1683.1	1615.8	1548.4	1521.5	1535.0
25°	1427.3	1427.3	1467.6	1481.1	1508.0	1508.0	1521.5	1454.2	1413.8	1373.4	1386.9
27.5°	1346.5	1346.5	1359.9	1359.9	1373.4	1373.4	1386.9	1359.9	1306.1	1292.6	1292.6
30°	1292.6	1292.6	1279.1	1279.1	1279.1	1279.1	1292.6	1252.2	1225.3	1211.8	1211.8
32.5°	1238.7	1225.3	1211.8	1211.8	1198.4	1198.4	1211.8	1171.4	1158.0	1158.0	1158.0
35°	1077.2	1063.7	1077.2	1104.1	1104.1	1117.6	1117.6	1104.1	1077.2	1050.2	1036.8
37.5°	1009.9	996.4	996.4	996.4	1023.3	1036.8	1050.2	1023.3	982.9	942.5	942.5
40°	956.0	956.0	942.5	942.5	942.5	969.5	996.4	956.0	902.1	888.7	888.7
42.5°	915.6	902.1	888.7	875.2	861.7	902.1	929.1	875.2	848.3	848.3	848.3
45°	875.2	861.7	848.3	834.8	821.3	834.8	861.7	807.9	794.4	794.4	794.4
47.5°	834.8	821.3	794.4	781.0	767.5	767.5	794.4	754.0	740.6	754.0	754.0
50°	807.9	781.0	754.0	740.6	727.1	727.1	727.1	713.6	713.6	713.6	727.1
52.5°	781.0	754.0	713.6	700.2	686.7	686.7	686.7	686.7	673.2	686.7	700.2
55°	740.6	713.6	686.7	673.2	659.8	646.3	659.8	646.3	646.3	659.8	659.8
57.5°	686.7	659.8	632.8	632.8	619.4	619.4	632.8	619.4	619.4	632.8	632.8
60°	646.3	619.4	592.4	592.4	579.0	592.4	605.9	592.4	592.4	592.4	605.9
62.5°	592.4	579.0	552.1	552.1	552.1	552.1	565.5	552.1	565.5	565.5	565.5
65°	552.1	525.1	511.7	511.7	511.7	511.7	538.6	511.7	525.1	525.1	525.1
67.5°	511.7	484.7	471.3	471.3	471.3	471.3	498.2	471.3	484.7	498.2	484.7
70°	471.3	444.3	430.9	430.9	430.9	430.9	444.3	430.9	430.9	444.3	444.3
72.5°	417.4	403.9	390.5	390.5	377.0	390.5	403.9	390.5	390.5	390.5	390.5
75°	377.0	363.5	363.5	350.1	350.1	350.1	363.5	336.6	336.6	336.6	336.6
77.5°	350.1	323.2	323.2	323.2	309.7	323.2	309.7	282.8	282.8	282.8	282.8
80°	296.2	269.3	282.8	282.8	269.3	269.3	255.8	228.9	228.9	228.9	228.9
82.5°	242.4	215.4	228.9	228.9	228.9	228.9	202.0	188.5	175.0	161.6	161.6
85°	215.4	175.0	202.0	202.0	188.5	188.5	134.6	134.6	107.7	107.7	94.3
87.5°	40.4	26.9	53.9	67.3	67.3	80.8	53.9	67.3	40.4	26.9	26.9
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°	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8
2.5°	8536.6	8684.7	8886.7	9034.8	9263.7	9438.7	9708.0	9936.9	10152.4	10246.6	10340.9
5°	7163.2	7257.5	7567.1	7809.5	8173.1	8563.5	9048.3	9573.4	10112.0	10354.3	10637.1
7.5°	5358.9	5534.0	5709.0	6059.1	6503.4	7136.3	7755.7	8536.6	9290.6	9654.2	10138.9
10°	4160.6	4295.2	4497.2	4860.7	5278.2	5803.3	6543.8	7472.9	8375.0	8846.3	9344.5
12.5°	3339.2	3527.7	3797.0	4174.0	4658.8	5197.4	5735.9	6597.7	7647.9	8186.5	8752.0
15°	2706.4	2854.5	3150.7	3622.0	4187.5	4739.6	5305.1	6018.7	7163.2	7782.6	8455.8
17.5°	2154.3	2262.1	2531.4	3002.6	3568.1	4187.5	4833.8	5735.9	7001.6	7755.7	8550.1
20°	1750.4	1831.2	2006.2	2356.3	2894.9	3568.1	4376.0	5466.7	7095.9	8065.3	9034.8
22.5°	1535.0	1561.9	1642.7	1831.2	2275.5	2989.2	3958.6	5237.8	7270.9	8523.1	9829.2
25°	1386.9	1413.8	1440.7	1561.9	1817.7	2491.0	3595.1	5103.1	7647.9	9196.4	10744.8
27.5°	1292.6	1319.5	1333.0	1386.9	1561.9	2127.4	3285.4	5022.3	8159.6	10179.3	11875.8
30°	1211.8	1211.8	1252.2	1333.0	1454.2	1871.6	3016.1	4833.8	8698.2	11000.6	12764.5
32.5°	1144.5	1158.0	1211.8	1252.2	1333.0	1656.2	2746.8	4591.5	9182.9	11673.9	13639.7
35°	1023.3	1023.3	1036.8	1104.1	1211.8	1481.1	2504.4	4349.1	9452.2	12333.6	14420.7
37.5°	942.5	956.0	982.9	1036.8	1131.0	1359.9	2302.5	4079.8	9735.0	12953.0	15336.3
40°	888.7	902.1	929.1	982.9	1077.2	1252.2	2127.4	3864.4	10031.2	13626.2	16319.2
42.5°	848.3	861.7	888.7	942.5	1023.3	1225.3	1938.9	3689.3	10206.2	14245.6	17248.2
45°	807.9	821.3	861.7	915.6	982.9	1198.4	1831.2	3568.1	10273.5	14663.0	17988.8
47.5°	767.5	781.0	821.3	902.1	982.9	1158.0	1790.8	3500.8	10327.4	15134.3	18581.2
50°	727.1	754.0	807.9	888.7	996.4	1104.1	1763.9	3487.3	10637.1	15740.2	19146.8
52.5°	700.2	740.6	794.4	888.7	982.9	1023.3	1750.4	3527.7	11256.5	16642.3	19954.6
55°	673.2	713.6	767.5	888.7	942.5	956.0	1683.1	3595.1	12199.0	17894.5	21099.1
57.5°	646.3	673.2	740.6	861.7	888.7	902.1	1548.4	3689.3	13141.5	19119.8	22270.6
60°	605.9	632.8	700.2	861.7	807.9	848.3	1373.4	3716.2	13814.8	19510.3	22378.3
62.5°	565.5	592.4	659.8	888.7	740.6	794.4	1225.3	3622.0	13949.4	18944.8	21772.4
65°	525.1	552.1	605.9	740.6	686.7	740.6	1131.0	3366.2	13505.1	17652.2	20668.3
67.5°	484.7	511.7	552.1	605.9	619.4	673.2	1090.6	2962.2	12387.5	16049.9	19160.2
70°	430.9	457.8	498.2	538.6	552.1	632.8	1023.3	2571.8	10583.2	13909.0	17315.6
72.5°	390.5	403.9	444.3	471.3	498.2	579.0	982.9	2248.6	8092.3	11256.5	14124.4
75°	336.6	336.6	377.0	403.9	430.9	511.7	902.1	1871.6	5709.0	8590.5	10381.3
77.5°	282.8	282.8	309.7	336.6	363.5	444.3	767.5	1521.5	3958.6	6813.1	7526.8
80°	215.4	215.4	242.4	269.3	296.2	377.0	619.4	1117.6	2450.6	4981.9	5480.1
82.5°	148.1	148.1	188.5	202.0	215.4	296.2	471.3	767.5	1440.7	3595.1	3918.2
85°	80.8	80.8	107.7	121.2	148.1	215.4	350.1	538.6	861.7	2598.7	2612.1
87.5°	13.5	13.5	40.4	40.4	67.3	107.7	202.0	296.2	484.7	1440.7	915.6
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: P598657  
 CATALOG NUMBER: IFLD-S-SA6C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8	9613.8
2.5°	10515.9	10664.0	10677.5	10677.5	10610.2	10623.6	10435.1	10233.1	10165.8	10152.4
5°	11068.0	11458.4	11566.2	11620.0	11445.0	11175.7	10690.9	10165.8	9896.5	9856.1
7.5°	10960.2	11741.2	12158.6	12212.5	11862.4	11229.5	10381.3	9573.4	9263.7	9182.9
10°	10327.4	11377.6	12131.7	12320.2	11943.2	11135.3	10031.2	9088.7	8711.6	8644.3
12.5°	9883.1	10892.9	11633.5	11889.3	11714.3	11014.1	9856.1	8779.0	8402.0	8307.7
15°	9640.7	10569.8	11054.5	11135.3	11121.8	10825.6	9856.1	8846.3	8428.9	8321.2
17.5°	9842.7	10475.5	10542.8	10354.3	10462.0	10610.2	10071.6	9209.8	8805.9	8711.6
20°	10246.6	10435.1	10112.0	9829.2	9883.1	10354.3	10408.2	9896.5	9573.4	9411.8
22.5°	11094.9	10583.2	9842.7	9452.2	9492.6	10152.4	10852.5	10825.6	10542.8	10462.0
25°	11956.6	11000.6	9761.9	9304.1	9357.9	10112.0	11377.6	11862.4	11714.3	11673.9
27.5°	12912.6	11700.8	9815.7	9236.8	9304.1	10165.8	11741.2	12737.6	12764.5	12724.1
30°	13558.9	12037.4	9977.3	9317.6	9411.8	10300.5	11822.0	13262.7	13505.1	13518.5
32.5°	14097.5	12374.0	10313.9	9452.2	9613.8	10542.8	12037.4	13760.9	14299.5	14312.9
35°	14528.4	12751.0	10731.3	9694.6	9936.9	10946.8	12320.2	14232.2	15040.0	15134.3
37.5°	15080.4	13168.4	11216.1	10219.7	10489.0	11525.8	12818.4	14784.2	15915.2	16171.1
40°	15672.9	13585.9	11916.2	11068.0	11458.4	12387.5	13383.9	15403.6	16655.8	17005.9
42.5°	16332.6	14030.2	12710.6	12212.5	12804.9	13478.1	14030.2	15969.1	17221.3	17625.3
45°	16978.9	14568.8	13868.6	13774.4	14434.1	14770.7	14663.0	16373.0	17759.9	18163.8
47.5°	17436.7	15349.7	15268.9	15834.5	16453.8	16278.8	15403.6	16669.3	18204.2	18648.6
50°	17854.2	16319.2	17032.8	18136.9	18513.9	17921.5	16198.0	17073.2	18675.5	19173.7
52.5°	18473.5	17356.0	18850.5	20223.9	20587.5	19645.0	17059.7	17733.0	19402.6	19846.9
55°	19739.2	18527.4	20749.1	22324.4	22391.7	21220.3	18217.7	18850.5	20425.9	20937.6
57.5°	21153.0	19968.1	22257.1	24061.4	24034.4	22795.7	19523.8	20358.6	21812.8	22162.8
60°	22432.1	21422.3	23899.8	25300.1	25232.8	23940.2	21045.3	22068.6	23401.6	23670.9
62.5°	23186.2	22741.8	24626.9	25690.6	25434.8	24317.2	22337.9	23590.1	24532.6	24626.9
65°	23065.0	23495.8	23778.6	24438.4	24074.8	23267.0	22970.7	24559.6	24653.8	24559.6
67.5°	22149.4	23065.0	21449.2	21516.5	21328.0	20641.3	21987.8	24303.7	23657.4	23428.5
70°	20762.5	20829.8	17934.9	17086.7	17382.9	16440.4	18864.0	22311.0	21314.6	21031.8
72.5°	18460.1	17625.3	13558.9	12697.2	13141.5	12468.3	15134.3	19443.0	18473.5	17557.9
75°	15484.4	13962.9	10327.4	9102.1	9331.0	9304.1	11727.7	16063.4	14312.9	13397.3
77.5°	11997.0	10879.5	7621.0	7149.7	6907.4	6961.2	8186.5	11943.2	10381.3	9236.8
80°	8765.5	7607.5	5897.5	6166.8	6032.2	5709.0	5735.9	7998.0	7217.1	6530.4
82.5°	6059.1	5412.8	4780.0	5399.3	5076.2	4578.0	4470.3	5762.9	5412.8	4995.4
85°	4066.3	4456.8	3797.0	4133.7	3581.6	3298.8	4201.0	4820.4	3891.3	3473.9
87.5°	2652.5	4079.8	2733.3	2073.6	1184.9	1588.8	2571.8	3164.2	1817.7	982.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)