

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: P599192

Luminaire Tested: **IFLD-L-SA8A-730-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599192
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8A-730-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (128) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

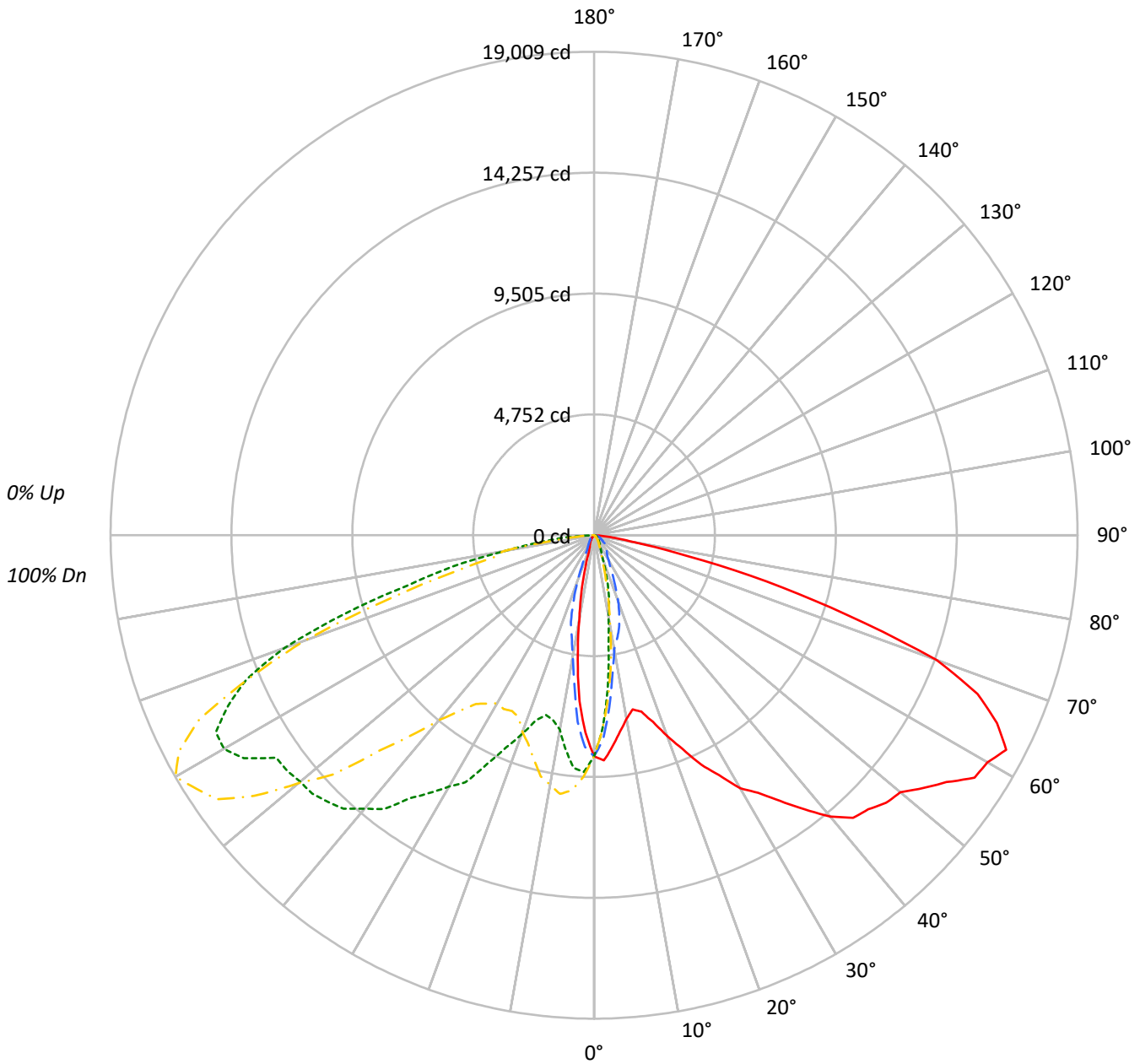
Lumens per Lamp: N/A
 Luminaire Lumens: 22722.0 lumens
 Efficiency: N/A
 Efficacy: 91.7 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 247.8
 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



— 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	100				100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79				79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62				62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49				49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40				40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33				33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27				27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24				24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20				20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18				18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16				16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	46751	46751	46751	46751
5°	45010	32897	35412	49610
10°	40074	17911	18145	42417
15°	40003	11947	7305	40754
20°	48032	5964	2912	47751
25°	59078	3747	2255	58787
30°	71382	3007	1713	70924
35°	83757	2415	1328	82912
40°	101399	2066	861	98601
45°	116006	1865	467	112789
50°	131614	1795	103	126229
55°	158762	1725	0	143127
60°	192212	1451	0	180805
65°	222570	1170	0	202287
70°	225376	965	0	203975
75°	145855	636	0	156429
80°	49745	189	0	110690
85°	24966	0	0	81332

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	658.0	2.9
10°-20°	1274.2	5.6
20°-30°	1774.6	7.8
30°-40°	2521.5	11.1
40°-50°	3496.6	15.4
50°-60°	4764.3	21.0
60°-70°	5238.0	23.1
70°-80°	2574.4	11.3
80°-90°	420.4	1.9
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°	3706.8	16.3
0°-40°	6228.3	27.4
0°-60°	14489.2	63.8
0°-90°	22722.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22722.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8687	8687	8687	8687	8687	
5°	8331	6089	6555	9183	8331	762
15°	7180	2144	1311	7314	7180	2125
25°	9948	631	380	9900	9948	4625
35°	12748	368	202	12620	12748	8092
45°	15241	245	61	14819	15241	11815
55°	16920	184	0	15254	16920	15220
65°	17477	92	0	15885	17477	16890
75°	7014	31	0	7523	7014	7647
85°	404	0	0	1317	404	559
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°	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6
2.5°	8864.2	8968.4	8870.4	8527.3	8466.1	8300.7	8049.5	8031.1	7767.7	7798.3	7657.4
5°	8331.3	8435.4	8227.1	7773.8	7351.1	7014.2	6812.1	6450.6	6371.0	6193.3	6193.3
7.5°	7786.1	7780.0	7424.6	7044.8	6413.9	5795.1	5513.4	4992.6	4686.3	4520.9	4361.7
10°	7332.8	7234.7	7014.2	6230.1	5544.0	4900.8	4551.6	4208.5	3890.0	3614.3	3338.6
12.5°	7014.2	7075.5	6726.3	5874.8	4986.5	4539.3	4165.6	3804.2	3424.4	3112.0	2805.7
15°	7179.6	7081.6	6671.2	5795.1	4894.6	4282.0	3785.8	3344.8	2922.1	2511.6	2278.9
17.5°	7694.2	7443.0	6959.1	5795.1	4704.7	3890.0	3289.6	2768.9	2315.6	1948.1	1660.1
20°	8386.4	8098.5	7577.8	6009.6	4563.8	3602.1	2781.2	2125.7	1654.0	1311.0	1090.4
22.5°	9097.0	8870.4	8086.3	6095.3	4398.4	3216.1	2193.1	1537.6	1102.7	882.1	771.9
25°	9948.5	9630.0	8772.4	6438.4	4153.4	2842.4	1727.5	1072.0	820.9	704.5	637.1
27.5°	10628.5	10573.4	9415.6	6646.7	3969.6	2536.1	1366.1	851.5	680.0	594.2	551.3
30°	11486.2	11186.0	10199.7	7063.2	3761.3	2187.0	1139.4	765.7	624.8	533.0	502.3
32.5°	12000.7	11859.8	10610.1	7296.0	3528.5	1899.0	980.2	673.9	569.7	502.3	471.7
35°	12748.1	12466.3	11198.2	7443.0	3406.0	1733.6	882.1	612.6	477.8	410.4	373.7
37.5°	13581.2	13477.1	11902.7	7436.9	3228.4	1635.6	814.8	569.7	453.3	379.8	336.9
40°	14432.7	14010.0	12331.5	7608.4	3136.5	1562.1	765.7	545.2	428.8	361.4	306.3
42.5°	15069.8	14585.9	12827.7	7547.2	3026.2	1433.5	747.4	508.5	410.4	330.8	281.8
45°	15241.4	15069.8	13274.9	7528.8	2946.6	1329.3	716.7	502.3	398.2	312.4	263.4
47.5°	15572.2	15455.8	13826.3	7559.4	2885.3	1249.7	643.2	514.6	379.8	294.0	251.2
50°	15719.2	15510.9	14273.5	7632.9	2744.4	1151.7	575.8	539.1	373.7	287.9	238.9
52.5°	16325.7	16141.9	14886.1	7841.2	2628.0	1023.0	508.5	514.6	385.9	269.5	226.7
55°	16919.9	16711.6	15829.4	8319.0	2462.6	918.9	434.9	453.3	367.6	245.0	202.2
57.5°	17734.6	17391.6	16460.4	8515.1	2315.6	778.0	385.9	373.7	343.1	220.5	177.7
60°	17857.1	17998.0	16368.5	8392.5	2162.5	686.1	336.9	287.9	367.6	196.0	153.1
62.5°	18267.6	17679.5	15939.7	8110.8	2052.2	631.0	300.2	238.9	318.5	171.5	128.6
65°	17477.3	17042.4	14935.1	7204.1	1911.3	637.1	263.4	196.0	202.2	140.9	104.1
67.5°	16319.5	15976.5	13268.8	6217.8	1770.4	624.8	232.8	171.5	153.1	122.5	91.9
70°	14322.5	13581.2	11271.7	5047.8	1562.1	582.0	196.0	153.1	128.6	98.0	67.4
72.5°	10420.2	10120.1	8086.3	3902.2	1402.8	526.8	183.8	128.6	110.3	73.5	55.1
75°	7014.2	6518.0	5102.9	2560.6	1127.2	459.4	153.1	116.4	85.8	55.1	42.9
77.5°	3706.2	3504.0	2891.4	1219.1	624.8	214.4	85.8	67.4	49.0	42.9	24.5
80°	1605.0	1427.3	1249.7	496.2	220.5	98.0	55.1	36.8	30.6	24.5	12.3
82.5°	820.9	784.1	649.4	214.4	128.6	73.5	30.6	24.5	18.4	12.3	6.1
85°	404.3	416.6	343.1	67.4	73.5	42.9	6.1	6.1	0.0	0.0	0.0
87.5°	30.6	30.6	24.5	12.3	18.4	6.1	0.0	0.0	0.0	0.0	0.0
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°	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6
2.5°	7602.3	7688.1	7541.0	7632.9	7590.0	7608.4	7626.8	7577.8	7590.0	7761.6	7767.7
5°	6089.2	6254.6	6193.3	6279.1	6426.1	6352.6	6420.0	6407.7	6420.0	6444.5	6554.8
7.5°	4343.3	4294.3	4410.7	4637.3	4900.8	5060.0	4980.4	4937.5	4913.0	4851.8	4925.3
10°	3277.4	3252.9	3222.2	3289.6	3461.2	3638.8	3736.8	3571.4	3479.5	3363.1	3320.3
12.5°	2719.9	2566.8	2481.0	2376.9	2425.9	2585.1	2591.3	2432.0	2285.0	2223.7	2291.1
15°	2144.1	2039.9	1886.8	1739.8	1666.3	1788.8	1684.6	1531.5	1341.6	1317.1	1311.0
17.5°	1531.5	1470.2	1360.0	1298.7	1212.9	1182.3	1072.0	839.3	704.5	667.7	680.0
20°	1041.4	992.4	986.3	931.1	894.4	869.9	692.2	539.1	496.2	502.3	508.5
22.5°	771.9	747.4	716.7	710.6	680.0	649.4	508.5	453.3	422.7	422.7	441.1
25°	631.0	618.7	588.1	575.8	563.6	520.7	428.8	385.9	373.7	361.4	379.8
27.5°	539.1	533.0	514.6	496.2	483.9	441.1	373.7	336.9	324.7	324.7	324.7
30°	483.9	483.9	459.4	422.7	422.7	373.7	318.5	294.0	281.8	281.8	275.7
32.5°	453.3	441.1	410.4	385.9	367.6	318.5	281.8	257.3	238.9	238.9	245.0
35°	367.6	367.6	361.4	343.1	318.5	269.5	238.9	214.4	202.2	196.0	202.2
37.5°	324.7	306.3	281.8	287.9	275.7	232.8	202.2	183.8	165.4	165.4	165.4
40°	294.0	275.7	251.2	232.8	226.7	208.3	177.7	147.0	128.6	122.5	122.5
42.5°	263.4	251.2	214.4	183.8	177.7	177.7	134.8	110.3	91.9	91.9	91.9
45°	245.0	226.7	196.0	159.3	128.6	134.8	110.3	79.6	67.4	61.3	61.3
47.5°	232.8	214.4	171.5	134.8	98.0	98.0	79.6	55.1	42.9	36.8	36.8
50°	214.4	196.0	153.1	110.3	73.5	61.3	49.0	30.6	18.4	12.3	12.3
52.5°	202.2	183.8	134.8	91.9	61.3	42.9	30.6	6.1	0.0	0.0	0.0
55°	183.8	159.3	116.4	73.5	49.0	24.5	6.1	0.0	0.0	0.0	0.0
57.5°	159.3	140.9	91.9	55.1	30.6	6.1	0.0	0.0	0.0	0.0	0.0
60°	134.8	116.4	73.5	42.9	12.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	110.3	98.0	55.1	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	91.9	73.5	42.9	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	79.6	61.3	30.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	61.3	42.9	18.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	42.9	30.6	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	30.6	18.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	18.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6
2.5°	7792.2	7976.0	8147.5	8196.5	8331.3	8705.0	8705.0	8882.6	9201.2	9317.6	9342.1
5°	6573.1	6769.2	6805.9	7185.7	7363.4	7743.2	7994.4	8594.7	8956.1	9182.8	9323.7
7.5°	4998.8	5066.2	5207.1	5562.4	5911.5	6371.0	6848.8	7614.6	8251.7	8508.9	8986.8
10°	3436.7	3638.8	3945.1	4263.7	4808.9	5317.3	5936.0	6658.9	7443.0	7761.6	8172.0
12.5°	2315.6	2597.4	3087.5	3540.8	4043.1	4557.7	5145.8	6113.7	7002.0	7443.0	7853.5
15°	1353.8	1696.9	2119.6	2854.7	3522.4	4098.3	4686.3	5666.5	6744.7	7314.4	7816.7
17.5°	686.1	790.2	1139.4	1776.5	2658.7	3602.1	4478.1	5727.8	6940.7	7639.1	8055.6
20°	514.6	545.2	643.2	943.4	1819.4	2977.2	4282.0	5819.7	7485.9	8337.4	8564.1
22.5°	447.2	471.7	514.6	612.6	1023.0	2278.9	4006.4	6046.3	8227.1	9029.6	9507.5
25°	379.8	404.3	441.1	502.3	655.5	1549.9	3669.4	6285.2	8888.8	9899.5	10346.7
27.5°	330.8	349.2	385.9	434.9	533.0	986.3	3087.5	6603.8	9899.5	10953.2	11069.6
30°	281.8	300.2	330.8	385.9	453.3	698.4	2266.6	6646.7	10457.0	11412.6	11737.3
32.5°	245.0	251.2	287.9	336.9	379.8	551.3	1592.7	6689.5	10867.4	12006.9	12074.2
35°	202.2	214.4	251.2	281.8	330.8	434.9	1206.8	6475.1	11400.4	12619.5	12601.1
37.5°	165.4	183.8	208.3	232.8	269.5	367.6	961.8	6076.9	12068.1	13569.0	12993.1
40°	128.6	147.0	171.5	202.2	226.7	330.8	722.9	5476.6	12766.5	14034.5	13422.0
42.5°	91.9	104.1	128.6	159.3	202.2	275.7	520.7	4766.0	13042.1	14579.8	13936.5
45°	67.4	79.6	98.0	134.8	208.3	220.5	361.4	4116.6	13336.2	14818.7	13820.1
47.5°	36.8	49.0	73.5	116.4	183.8	165.4	257.3	3534.7	13673.1	15033.1	13912.0
50°	12.3	18.4	42.9	122.5	147.0	128.6	202.2	3222.2	14003.9	15076.0	14095.8
52.5°	0.0	0.0	24.5	128.6	110.3	98.0	177.7	3099.7	13918.2	15210.7	13979.4
55°	0.0	0.0	6.1	55.1	61.3	73.5	147.0	3093.6	14524.6	15253.6	14616.5
57.5°	0.0	0.0	0.0	18.4	36.8	61.3	128.6	2897.6	14910.6	16319.5	15474.1
60°	0.0	0.0	0.0	6.1	24.5	42.9	98.0	2726.0	15302.6	16797.3	16393.0
62.5°	0.0	0.0	0.0	0.0	6.1	18.4	67.4	2462.6	14512.4	16760.6	17281.3
65°	0.0	0.0	0.0	0.0	0.0	0.0	42.9	1948.1	13054.4	15884.6	16791.2
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	24.5	1347.7	11431.0	14781.9	15890.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	814.8	9225.7	12962.5	13477.1
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	349.2	6585.4	10291.6	11057.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140.9	4073.8	7522.7	8466.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.1	2640.3	5697.1	6426.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.3	1409.0	3571.4	4153.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	612.6	2168.6	2499.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	196.0	1317.1	1500.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	202.2	269.5
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: P599192
 CATALOG NUMBER: IFLD-L-SA8A-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6	8686.6
2.5°	9354.3	9532.0	9599.4	9495.2	9507.5	9293.1	9262.4	8962.3	8839.7	8864.2
5°	9783.1	10040.4	10181.3	10064.9	9801.5	9391.1	9017.4	8662.1	8441.6	8331.3
7.5°	9685.1	9973.0	10150.7	10261.0	9960.8	9299.2	8729.5	8061.7	7780.0	7786.1
10°	9146.0	9746.4	10107.8	9966.9	9826.0	9164.4	8282.3	7559.4	7308.3	7332.8
12.5°	8711.1	9378.8	9593.2	9703.5	9415.6	8888.8	8294.5	7467.5	7185.7	7014.2
15°	8441.6	8937.8	8950.0	9121.5	9005.1	9005.1	8423.2	7614.6	7369.5	7179.6
17.5°	8441.6	8551.8	8539.6	8600.8	8796.9	9029.6	8747.9	8208.8	7724.8	7694.2
20°	8631.5	8288.4	8208.8	8233.3	8398.7	9090.9	9464.6	8790.7	8484.4	8386.4
22.5°	9072.5	8319.0	7835.1	7749.3	8257.8	9084.8	9924.0	9709.6	9176.7	9097.0
25°	9679.0	8263.9	7737.1	7626.8	8012.7	9305.3	10555.0	10597.9	10113.9	9948.5
27.5°	10254.8	8508.9	7724.8	7700.3	8208.8	9256.3	10990.0	11308.5	10763.3	10628.5
30°	10450.9	8754.0	7951.5	7626.8	8282.3	9434.0	10977.7	11810.8	11455.5	11486.2
32.5°	10683.7	8999.0	7976.0	7847.3	8594.7	9721.9	11326.9	12619.5	12362.2	12000.7
35°	11026.7	9329.8	8208.8	8092.4	8815.2	9979.2	11400.4	13213.7	13170.8	12748.1
37.5°	11320.8	9654.5	8692.7	8711.1	9489.1	10395.7	11725.1	13942.7	13869.1	13581.2
40°	11529.0	10107.8	9446.2	9495.2	10077.2	10861.3	12300.9	14310.2	14855.4	14432.7
42.5°	11559.7	10512.1	10310.0	10702.0	11247.2	11584.2	12533.7	14561.4	15345.5	15069.8
45°	11676.1	11155.4	11718.9	12006.9	12454.1	12221.3	12521.4	14990.2	15382.3	15241.4
47.5°	12129.4	12325.4	13036.0	13912.0	14071.3	13305.6	12815.5	15057.6	15590.5	15572.2
50°	12601.1	13581.2	14579.8	15161.7	15363.9	14052.9	13091.2	15002.4	15866.2	15719.2
52.5°	13127.9	14671.6	16111.2	16828.0	16717.7	14879.9	13403.6	15449.6	16374.7	16325.7
55°	13458.7	15161.7	17097.5	18096.0	18010.3	15804.9	14396.0	16092.9	17042.4	16919.9
57.5°	14334.7	15958.1	18077.7	18543.2	18769.9	17017.9	15088.2	17146.5	17599.8	17734.6
60°	15057.6	16478.8	18335.0	19008.8	19088.5	17740.7	16301.1	18230.8	18310.5	17857.1
62.5°	16117.4	16681.0	17789.8	18396.2	18806.7	18151.2	17391.6	18812.8	18298.2	18267.6
65°	16895.4	16019.4	16772.8	17109.8	17373.2	17526.3	18488.1	19211.0	18071.5	17477.3
67.5°	16460.4	14769.7	14628.8	14647.1	14726.8	15651.8	18120.6	18236.9	16809.6	16319.5
70°	14487.9	12117.1	11927.2	12074.2	11676.1	12791.0	16631.9	16576.8	14830.9	14322.5
72.5°	11718.9	8833.6	8508.9	8711.1	8803.0	9985.3	13991.7	12570.4	10818.4	10420.2
75°	9311.4	6475.1	5464.3	5954.4	6266.8	7271.5	10928.7	8539.6	7553.3	7014.2
77.5°	7314.4	4900.8	4251.4	4055.4	4343.3	5286.7	7951.5	4484.2	3957.4	3706.2
80°	4637.3	3602.1	3908.4	3626.6	3749.1	3773.6	4141.1	2039.9	1623.4	1605.0
82.5°	2793.4	2462.6	2928.2	1611.1	2934.3	2621.9	1721.4	925.0	820.9	820.9
85°	1978.7	1525.4	1010.8	655.5	1304.8	1439.6	667.7	477.8	416.6	404.3
87.5°	992.4	471.7	226.7	147.0	165.4	269.5	79.6	36.8	36.8	30.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)