

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: P599293

Luminaire Tested: **IFLD-S-SA6A-760-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: P599293
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6A-760-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (96) 5700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

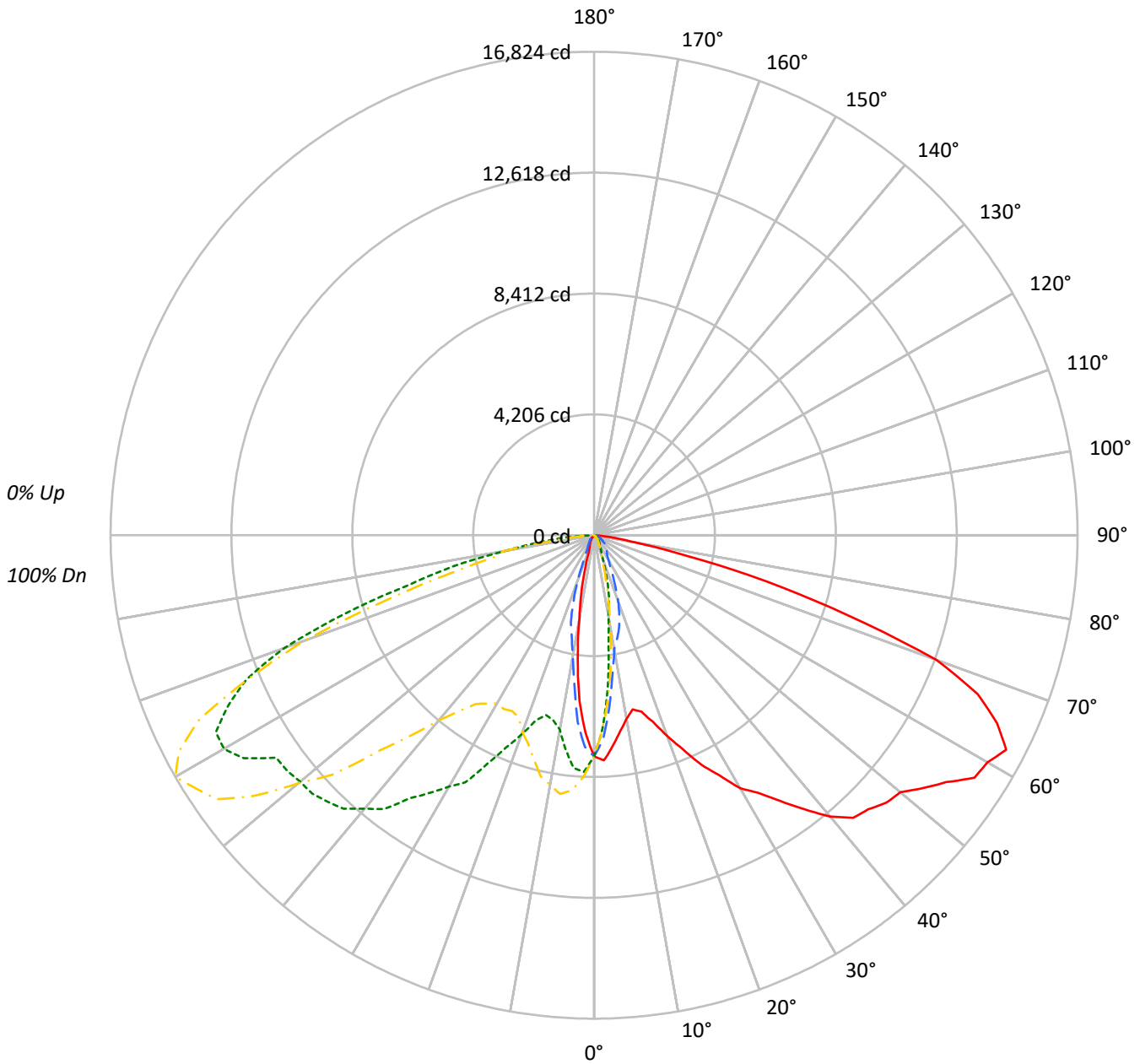
Lumens per Lamp: N/A
 Luminaire Lumens: 20110.1 lumens
 Efficiency: N/A
 Efficacy: 106.1 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 189.6
 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79	79	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62	62	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49	49	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40	40	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33	33	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27	27	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24	24	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20	20	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18	18	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	55169	55169	55169	55169
5°	53115	38820	41789	58543
10°	47290	21136	21413	50055
15°	47207	14097	8620	48093
20°	56681	7039	3436	56350
25°	69716	4421	2661	69372
30°	84234	3549	2022	83696
35°	98839	2850	1567	97841
40°	119658	2437	1015	116357
45°	136895	2201	550	133098
50°	155314	2119	121	148958
55°	187349	2036	0	168899
60°	226824	1712	0	213362
65°	262648	1380	0	238711
70°	265958	1137	0	240705
75°	172118	751	0	184595
80°	58702	223	0	130623
85°	29459	0	0	95978

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	582.4	2.9
10°-20°	1127.7	5.6
20°-30°	1570.6	7.8
30°-40°	2231.7	11.1
40°-50°	3094.7	15.4
50°-60°	4216.6	21.0
60°-70°	4635.9	23.1
70°-80°	2278.5	11.3
80°-90°	372.1	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°	3280.7	16.3
0°-40°	5512.3	27.4
0°-60°	12823.6	63.8
0°-90°	20110.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	20110.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7688	7688	7688	7688	7688	
5°	7374	5389	5801	8127	7374	675
15°	6354	1898	1160	6474	6354	1881
25°	8805	558	336	8762	8805	4094
35°	11283	325	179	11169	11283	7162
45°	13489	217	54	13115	13489	10457
55°	14975	163	0	13500	14975	13471
65°	15468	81	0	14059	15468	14948
75°	6208	27	0	6658	6208	6768
85°	358	0	0	1166	358	495
90°	0	0	0	0	0	

TEST NUMBER: P599293
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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1
2.5°	7845.3	7937.5	7850.7	7547.1	7492.9	7346.5	7124.2	7107.9	6874.8	6901.9	6777.2
5°	7373.6	7465.8	7281.4	6880.2	6506.1	6207.9	6029.0	5709.1	5638.6	5481.4	5481.4
7.5°	6891.1	6885.6	6571.2	6235.0	5676.6	5129.0	4879.6	4418.7	4147.7	4001.3	3860.3
10°	6489.9	6403.1	6207.9	5513.9	4906.7	4337.4	4028.4	3724.8	3442.8	3198.8	2954.9
12.5°	6207.9	6262.1	5953.1	5199.5	4413.3	4017.5	3686.8	3366.9	3030.8	2754.3	2483.2
15°	6354.3	6267.6	5904.3	5129.0	4332.0	3789.8	3350.7	2960.3	2586.2	2222.9	2016.9
17.5°	6809.7	6587.5	6159.1	5129.0	4163.9	3442.8	2911.5	2450.6	2049.4	1724.1	1469.3
20°	7422.4	7167.6	6706.7	5318.8	4039.2	3188.0	2461.5	1881.4	1463.9	1160.3	965.1
22.5°	8051.3	7850.7	7156.7	5394.7	3892.8	2846.4	1941.0	1360.9	975.9	780.7	683.1
25°	8805.0	8523.0	7764.0	5698.3	3676.0	2515.7	1528.9	948.8	726.5	623.5	563.9
27.5°	9406.8	9358.0	8333.3	5882.6	3513.3	2244.6	1209.1	753.6	601.8	525.9	488.0
30°	10165.8	9900.2	9027.2	6251.3	3329.0	1935.6	1008.4	677.7	553.0	471.7	444.6
32.5°	10621.2	10496.5	9390.5	6457.3	3122.9	1680.7	867.5	596.4	504.2	444.6	417.5
35°	11282.7	11033.3	9911.0	6587.5	3014.5	1534.4	780.7	542.2	422.9	363.3	330.7
37.5°	12020.1	11927.9	10534.5	6582.0	2857.3	1447.6	721.1	504.2	401.2	336.1	298.2
40°	12773.7	12399.6	10914.0	6733.8	2775.9	1382.6	677.7	482.5	379.5	319.9	271.1
42.5°	13337.6	12909.2	11353.2	6679.6	2678.4	1268.7	661.5	450.0	363.3	292.8	249.4
45°	13489.4	13337.6	11749.0	6663.4	2607.9	1176.5	634.3	444.6	352.4	276.5	233.1
47.5°	13782.1	13679.1	12236.9	6690.5	2553.7	1106.0	569.3	455.4	336.1	260.2	222.3
50°	13912.3	13727.9	12632.7	6755.5	2429.0	1019.3	509.6	477.1	330.7	254.8	211.4
52.5°	14449.0	14286.4	13174.9	6939.9	2325.9	905.4	450.0	455.4	341.6	238.6	200.6
55°	14974.9	14790.6	14009.9	7362.8	2179.6	813.3	384.9	401.2	325.3	216.9	178.9
57.5°	15696.0	15392.4	14568.3	7536.3	2049.4	688.6	341.6	330.7	303.6	195.2	157.2
60°	15804.5	15929.2	14487.0	7427.8	1913.9	607.2	298.2	254.8	325.3	173.5	135.5
62.5°	16167.7	15647.2	14107.4	7178.4	1816.3	558.4	265.7	211.4	281.9	151.8	113.9
65°	15468.3	15083.4	13218.3	6376.0	1691.6	563.9	233.1	173.5	178.9	124.7	92.2
67.5°	14443.6	14140.0	11743.6	5503.1	1566.9	553.0	206.0	151.8	135.5	108.4	81.3
70°	12676.1	12020.1	9976.1	4467.5	1382.6	515.1	173.5	135.5	113.9	86.7	59.6
72.5°	9222.4	8956.8	7156.7	3453.7	1241.6	466.3	162.7	113.9	97.6	65.1	48.8
75°	6207.9	5768.8	4516.3	2266.3	997.6	406.6	135.5	103.0	75.9	48.8	38.0
77.5°	3280.2	3101.3	2559.1	1078.9	553.0	189.8	75.9	59.6	43.4	38.0	21.7
80°	1420.5	1263.3	1106.0	439.2	195.2	86.7	48.8	32.5	27.1	21.7	10.8
82.5°	726.5	694.0	574.7	189.8	113.9	65.1	27.1	21.7	16.3	10.8	5.4
85°	357.8	368.7	303.6	59.6	65.1	38.0	5.4	5.4	0.0	0.0	0.0
87.5°	27.1	27.1	21.7	10.8	16.3	5.4	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°	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1
2.5°	6728.4	6804.3	6674.2	6755.5	6717.6	6733.8	6750.1	6706.7	6717.6	6869.4	6874.8
5°	5389.2	5535.6	5481.4	5557.3	5687.4	5622.4	5682.0	5671.2	5682.0	5703.7	5801.3
7.5°	3844.0	3800.7	3903.7	4104.3	4337.4	4478.4	4407.9	4369.9	4348.3	4294.0	4359.1
10°	2900.6	2879.0	2851.9	2911.5	3063.3	3220.5	3307.3	3160.9	3079.6	2976.6	2938.6
12.5°	2407.3	2271.7	2195.8	2103.6	2147.0	2288.0	2293.4	2152.4	2022.3	1968.1	2027.7
15°	1897.6	1805.4	1669.9	1539.8	1474.7	1583.2	1491.0	1355.4	1187.4	1165.7	1160.3
17.5°	1355.4	1301.2	1203.6	1149.4	1073.5	1046.4	948.8	742.8	623.5	591.0	601.8
20°	921.7	878.3	872.9	824.1	791.6	769.9	612.7	477.1	439.2	444.6	450.0
22.5°	683.1	661.5	634.3	628.9	601.8	574.7	450.0	401.2	374.1	374.1	390.4
25°	558.4	547.6	520.5	509.6	498.8	460.9	379.5	341.6	330.7	319.9	336.1
27.5°	477.1	471.7	455.4	439.2	428.3	390.4	330.7	298.2	287.4	287.4	287.4
30°	428.3	428.3	406.6	374.1	374.1	330.7	281.9	260.2	249.4	249.4	244.0
32.5°	401.2	390.4	363.3	341.6	325.3	281.9	249.4	227.7	211.4	211.4	216.9
35°	325.3	325.3	319.9	303.6	281.9	238.6	211.4	189.8	178.9	173.5	178.9
37.5°	287.4	271.1	249.4	254.8	244.0	206.0	178.9	162.7	146.4	146.4	146.4
40°	260.2	244.0	222.3	206.0	200.6	184.3	157.2	130.1	113.9	108.4	108.4
42.5°	233.1	222.3	189.8	162.7	157.2	157.2	119.3	97.6	81.3	81.3	81.3
45°	216.9	200.6	173.5	141.0	113.9	119.3	97.6	70.5	59.6	54.2	54.2
47.5°	206.0	189.8	151.8	119.3	86.7	86.7	70.5	48.8	38.0	32.5	32.5
50°	189.8	173.5	135.5	97.6	65.1	54.2	43.4	27.1	16.3	10.8	10.8
52.5°	178.9	162.7	119.3	81.3	54.2	38.0	27.1	5.4	0.0	0.0	0.0
55°	162.7	141.0	103.0	65.1	43.4	21.7	5.4	0.0	0.0	0.0	0.0
57.5°	141.0	124.7	81.3	48.8	27.1	5.4	0.0	0.0	0.0	0.0	0.0
60°	119.3	103.0	65.1	38.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	97.6	86.7	48.8	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	81.3	65.1	38.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	70.5	54.2	27.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	54.2	38.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	38.0	27.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	27.1	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	16.3	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.4	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°	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1
2.5°	6896.5	7059.1	7211.0	7254.3	7373.6	7704.3	7704.3	7861.6	8143.5	8246.5	8268.2
5°	5817.6	5991.1	6023.6	6359.7	6517.0	6853.1	7075.4	7606.7	7926.6	8127.2	8251.9
7.5°	4424.2	4483.8	4608.5	4923.0	5232.0	5638.6	6061.5	6739.3	7303.1	7530.8	7953.7
10°	3041.6	3220.5	3491.6	3773.6	4256.1	4706.1	5253.7	5893.5	6587.5	6869.4	7232.6
12.5°	2049.4	2298.8	2732.6	3133.8	3578.4	4033.8	4554.3	5410.9	6197.1	6587.5	6950.7
15°	1198.2	1501.8	1875.9	2526.5	3117.5	3627.2	4147.7	5015.1	5969.4	6473.6	6918.2
17.5°	607.2	699.4	1008.4	1572.3	2353.0	3188.0	3963.3	5069.4	6142.9	6760.9	7129.6
20°	455.4	482.5	569.3	835.0	1610.3	2635.0	3789.8	5150.7	6625.4	7379.0	7579.6
22.5°	395.8	417.5	455.4	542.2	905.4	2016.9	3545.8	5351.3	7281.4	7991.7	8414.6
25°	336.1	357.8	390.4	444.6	580.1	1371.7	3247.6	5562.7	7867.0	8761.6	9157.4
27.5°	292.8	309.0	341.6	384.9	471.7	872.9	2732.6	5844.7	8761.6	9694.1	9797.1
30°	249.4	265.7	292.8	341.6	401.2	618.1	2006.1	5882.6	9255.0	10100.8	10388.1
32.5°	216.9	222.3	254.8	298.2	336.1	488.0	1409.7	5920.6	9618.2	10626.7	10686.3
35°	178.9	189.8	222.3	249.4	292.8	384.9	1068.1	5730.8	10089.9	11168.8	11152.6
37.5°	146.4	162.7	184.3	206.0	238.6	325.3	851.2	5378.4	10680.9	12009.2	11499.6
40°	113.9	130.1	151.8	178.9	200.6	292.8	639.8	4847.1	11299.0	12421.3	11879.1
42.5°	81.3	92.2	113.9	141.0	178.9	244.0	460.9	4218.1	11542.9	12903.8	12334.5
45°	59.6	70.5	86.7	119.3	184.3	195.2	319.9	3643.4	11803.2	13115.3	12231.5
47.5°	32.5	43.4	65.1	103.0	162.7	146.4	227.7	3128.4	12101.4	13305.0	12312.8
50°	10.8	16.3	38.0	108.4	130.1	113.9	178.9	2851.9	12394.2	13343.0	12475.5
52.5°	0.0	0.0	21.7	113.9	97.6	86.7	157.2	2743.4	12318.3	13462.3	12372.5
55°	0.0	0.0	5.4	48.8	54.2	65.1	130.1	2738.0	12855.0	13500.2	12936.3
57.5°	0.0	0.0	0.0	16.3	32.5	54.2	113.9	2564.5	13196.6	14443.6	13695.4
60°	0.0	0.0	0.0	5.4	21.7	38.0	86.7	2412.7	13543.6	14866.5	14508.7
62.5°	0.0	0.0	0.0	0.0	5.4	16.3	59.6	2179.6	12844.2	14834.0	15294.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	38.0	1724.1	11553.8	14058.6	14861.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	21.7	1192.8	10117.0	13082.7	14064.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	721.1	8165.2	11472.5	11927.9
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309.0	5828.4	9108.6	9786.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	124.7	3605.5	6657.9	7492.9
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.8	2336.8	5042.2	5687.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	1247.0	3160.9	3676.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	542.2	1919.3	2212.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	173.5	1165.7	1328.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	178.9	238.6
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: P599293
 CATALOG NUMBER: IFLD-S-SA6A-760-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1	7688.1
2.5°	8279.0	8436.3	8495.9	8403.7	8414.6	8224.8	8197.7	7932.0	7823.6	7845.3
5°	8658.6	8886.3	9011.0	8908.0	8674.8	8311.6	7980.8	7666.4	7471.2	7373.6
7.5°	8571.8	8826.6	8983.9	9081.5	8815.8	8230.2	7726.0	7135.0	6885.6	6891.1
10°	8094.7	8626.0	8945.9	8821.2	8696.5	8111.0	7330.2	6690.5	6468.2	6489.9
12.5°	7709.8	8300.7	8490.5	8588.1	8333.3	7867.0	7341.1	6609.1	6359.7	6207.9
15°	7471.2	7910.4	7921.2	8073.0	7970.0	7970.0	7454.9	6739.3	6522.4	6354.3
17.5°	7471.2	7568.8	7557.9	7612.2	7785.7	7991.7	7742.3	7265.2	6836.9	6809.7
20°	7639.3	7335.7	7265.2	7286.9	7433.2	8045.9	8376.6	7780.2	7509.2	7422.4
22.5°	8029.6	7362.8	6934.4	6858.5	7308.5	8040.5	8783.3	8593.5	8121.8	8051.3
25°	8566.4	7314.0	6847.7	6750.1	7091.7	8235.7	9341.7	9379.7	8951.3	8805.0
27.5°	9076.0	7530.8	6836.9	6815.2	7265.2	8192.3	9726.7	10008.6	9526.0	9406.8
30°	9249.5	7747.7	7037.5	6750.1	7330.2	8349.5	9715.8	10453.2	10138.7	10165.8
32.5°	9455.6	7964.6	7059.1	6945.3	7606.7	8604.3	10024.9	11168.8	10941.1	10621.2
35°	9759.2	8257.4	7265.2	7162.2	7801.9	8832.1	10089.9	11694.8	11656.8	11282.7
37.5°	10019.4	8544.7	7693.5	7709.8	8398.3	9200.7	10377.3	12339.9	12274.9	12020.1
40°	10203.8	8945.9	8360.4	8403.7	8918.8	9612.8	10886.9	12665.3	13147.8	12773.7
42.5°	10230.9	9303.8	9124.8	9471.8	9954.4	10252.6	11092.9	12887.5	13581.5	13337.6
45°	10333.9	9873.0	10371.8	10626.7	11022.5	10816.4	11082.1	13267.1	13614.1	13489.4
47.5°	10735.1	10908.6	11537.5	12312.8	12453.8	11776.1	11342.3	13326.7	13798.4	13782.1
50°	11152.6	12020.1	12903.8	13418.9	13597.8	12437.5	11586.3	13277.9	14042.4	13912.3
52.5°	11618.9	12985.1	14259.3	14893.6	14796.0	13169.5	11862.8	13673.7	14492.4	14449.0
55°	11911.6	13418.9	15132.2	16015.9	15940.0	13988.2	12741.2	14243.0	15083.4	14974.9
57.5°	12686.9	14123.7	15999.6	16411.7	16612.3	15061.7	13353.8	15175.5	15576.7	15696.0
60°	13326.7	14584.6	16227.4	16823.8	16894.2	15701.4	14427.3	16135.2	16205.7	15804.5
62.5°	14264.7	14763.5	15744.8	16281.6	16644.8	16064.7	15392.4	16650.3	16194.8	16167.7
65°	14953.2	14177.9	14844.8	15143.0	15376.1	15511.7	16362.9	17002.7	15994.2	15468.3
67.5°	14568.3	13071.9	12947.2	12963.5	13033.9	13852.6	16037.6	16140.6	14877.3	14443.6
70°	12822.5	10724.3	10556.2	10686.3	10333.9	11320.7	14720.1	14671.3	13126.1	12676.1
72.5°	10371.8	7818.2	7530.8	7709.8	7791.1	8837.5	12383.3	11125.5	9574.8	9222.4
75°	8241.1	5730.8	4836.2	5270.0	5546.5	6435.6	9672.4	7557.9	6685.0	6207.9
77.5°	6473.6	4337.4	3762.7	3589.2	3844.0	4679.0	7037.5	3968.7	3502.5	3280.2
80°	4104.3	3188.0	3459.1	3209.7	3318.1	3339.8	3665.1	1805.4	1436.8	1420.5
82.5°	2472.3	2179.6	2591.6	1425.9	2597.0	2320.5	1523.5	818.7	726.5	726.5
85°	1751.2	1350.0	894.6	580.1	1154.8	1274.1	591.0	422.9	368.7	357.8
87.5°	878.3	417.5	200.6	130.1	146.4	238.6	70.5	32.5	32.5	27.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)