

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: P599119

Luminaire Tested: **IFLD-S-SA6A-722-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: P599119
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6A-722-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (96) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

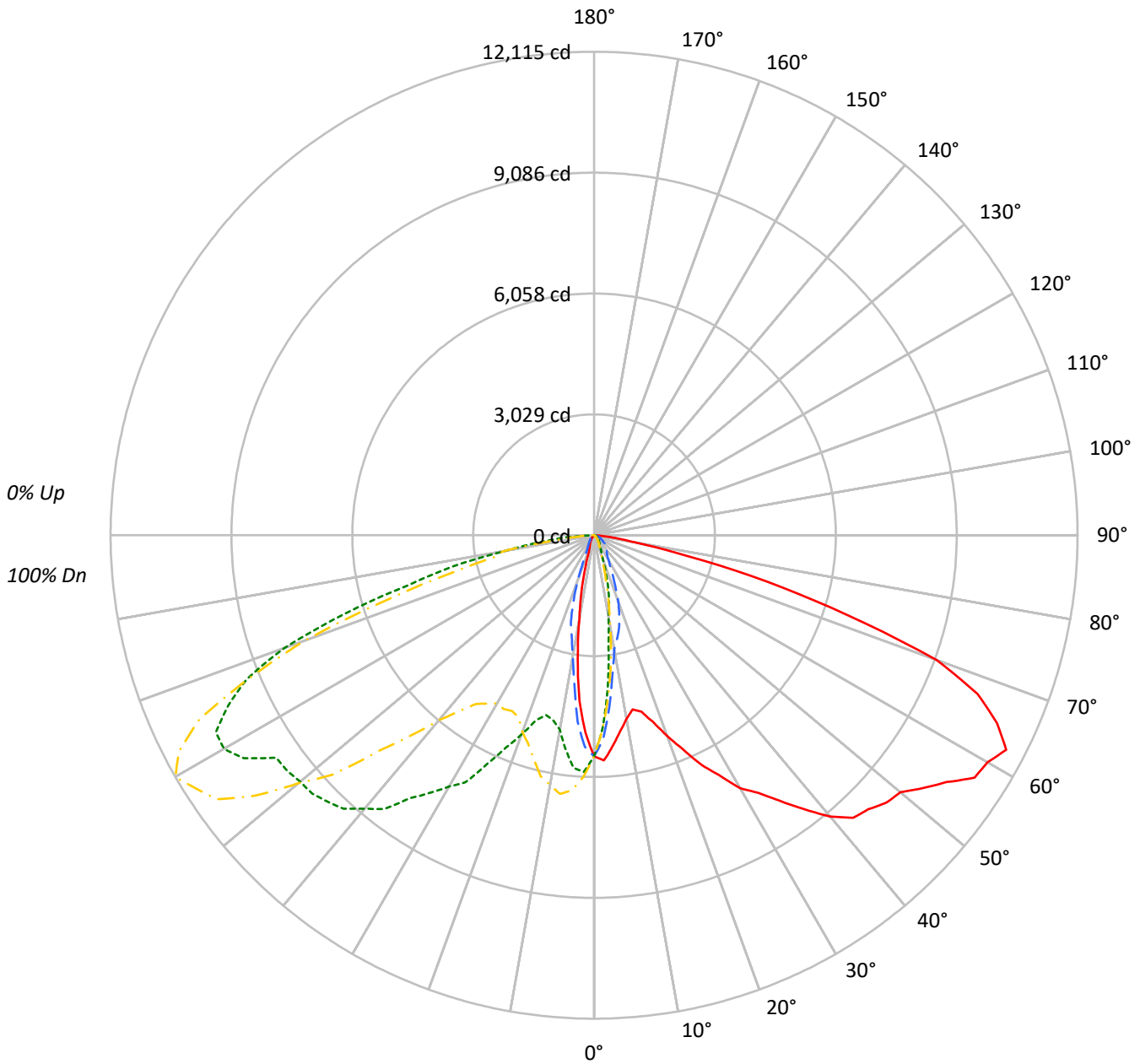
Lumens per Lamp: N/A
 Luminaire Lumens: 14481.5 lumens
 Efficiency: N/A
 Efficacy: 76.4 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 189.6
 Input Voltage (V): 120
 Input Current (A_{in}): 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	39728	39728	39728	39728
5°	38248	27955	30093	42158
10°	34053	15220	15419	36045
15°	33994	10152	6207	34632
20°	40816	5068	2475	40578
25°	50203	3184	1917	49956
30°	60658	2555	1456	60270
35°	71175	2053	1128	70457
40°	86167	1755	732	83790
45°	98579	1585	396	95845
50°	111843	1525	87	107266
55°	134912	1465	0	121626
60°	163337	1233	0	153644
65°	189135	995	0	171899
70°	191519	818	0	173333
75°	123945	541	0	132928
80°	42271	161	0	94063
85°	21218	0	0	69112

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	419.4	2.9
10°-20°	812.1	5.6
20°-30°	1131.0	7.8
30°-40°	1607.0	11.1
40°-50°	2228.5	15.4
50°-60°	3036.4	21.0
60°-70°	3338.3	23.1
70°-80°	1640.8	11.3
80°-90°	267.9	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°	2362.4	16.3
0°-40°	3969.5	27.4
0°-60°	9234.4	63.8
0°-90°	14481.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14481.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5536	5536	5536	5536	5536	
5°	5310	3881	4178	5852	5310	486
15°	4576	1366	836	4662	4576	1354
25°	6340	402	242	6309	6340	2948
35°	8125	234	129	8043	8125	5157
45°	9714	156	39	9444	9714	7530
55°	10784	117	0	9722	10784	9701
65°	11139	59	0	10124	11139	10764
75°	4470	20	0	4794	4470	4874
85°	258	0	0	839	258	356
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°	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3
2.5°	5649.5	5715.8	5653.4	5434.7	5395.7	5290.3	5130.2	5118.5	4950.6	4970.1	4880.3
5°	5309.8	5376.2	5243.4	4954.5	4685.1	4470.4	4341.5	4111.2	4060.4	3947.2	3947.2
7.5°	4962.3	4958.4	4732.0	4489.9	4087.8	3693.4	3513.8	3182.0	2986.8	2881.3	2779.8
10°	4673.4	4610.9	4470.4	3970.6	3533.4	3123.4	2900.9	2682.2	2479.2	2303.5	2127.8
12.5°	4470.4	4509.4	4286.9	3744.2	3178.1	2893.1	2654.9	2424.6	2182.5	1983.4	1788.2
15°	4575.8	4513.3	4251.7	3693.4	3119.5	2729.1	2412.8	2131.7	1862.3	1600.7	1452.4
17.5°	4903.8	4743.7	4435.2	3693.4	2998.5	2479.2	2096.6	1764.7	1475.8	1241.6	1058.1
20°	5344.9	5161.4	4829.6	3830.1	2908.7	2295.7	1772.5	1354.8	1054.2	835.5	695.0
22.5°	5797.8	5653.4	5153.6	3884.7	2803.3	2049.7	1397.7	980.0	702.8	562.2	491.9
25°	6340.5	6137.5	5590.9	4103.4	2647.1	1811.6	1101.0	683.2	523.2	449.0	406.0
27.5°	6773.9	6738.8	6000.9	4236.1	2530.0	1616.4	870.7	542.7	433.4	378.7	351.4
30°	7320.5	7129.2	6500.6	4501.6	2397.2	1393.8	726.2	488.0	398.2	339.7	320.1
32.5°	7648.5	7558.7	6762.2	4650.0	2248.9	1210.3	624.7	429.5	363.1	320.1	300.6
35°	8124.8	7945.2	7137.0	4743.7	2170.8	1104.9	562.2	390.4	304.5	261.6	238.2
37.5°	8655.8	8589.4	7586.0	4739.8	2057.5	1042.4	519.3	363.1	288.9	242.1	214.7
40°	9198.5	8929.1	7859.3	4849.1	1999.0	995.6	488.0	347.5	273.3	230.4	195.2
42.5°	9604.5	9296.1	8175.5	4810.1	1928.7	913.6	476.3	324.1	261.6	210.8	179.6
45°	9713.8	9604.5	8460.5	4798.3	1878.0	847.2	456.8	320.1	253.8	199.1	167.9
47.5°	9924.6	9850.5	8811.9	4817.9	1838.9	796.5	409.9	328.0	242.1	187.4	160.1
50°	10018.4	9885.6	9096.9	4864.7	1749.1	734.0	367.0	343.6	238.2	183.5	152.3
52.5°	10404.9	10287.7	9487.4	4997.5	1674.9	652.0	324.1	328.0	246.0	171.8	144.5
55°	10783.6	10650.8	10088.6	5302.0	1569.5	585.6	277.2	288.9	234.3	156.2	128.8
57.5°	11302.9	11084.2	10490.8	5426.9	1475.8	495.8	246.0	238.2	218.6	140.6	113.2
60°	11380.9	11470.7	10432.2	5348.8	1378.2	437.3	214.7	183.5	234.3	124.9	97.6
62.5°	11642.5	11267.7	10158.9	5169.3	1307.9	402.1	191.3	152.3	203.0	109.3	82.0
65°	11138.9	10861.7	9518.6	4591.4	1218.1	406.0	167.9	124.9	128.8	89.8	66.4
67.5°	10401.0	10182.3	8456.6	3962.8	1128.3	398.2	148.4	109.3	97.6	78.1	58.6
70°	9128.2	8655.8	7183.9	3217.1	995.6	370.9	124.9	97.6	82.0	62.5	42.9
72.5°	6641.2	6449.9	5153.6	2487.0	894.1	335.8	117.1	82.0	70.3	46.9	35.1
75°	4470.4	4154.1	3252.3	1632.0	718.4	292.8	97.6	74.2	54.7	35.1	27.3
77.5°	2362.1	2233.2	1842.8	776.9	398.2	136.6	54.7	42.9	31.2	27.3	15.6
80°	1022.9	909.7	796.5	316.2	140.6	62.5	35.1	23.4	19.5	15.6	7.8
82.5°	523.2	499.7	413.9	136.6	82.0	46.9	19.5	15.6	11.7	7.8	3.9
85°	257.7	265.5	218.6	42.9	46.9	27.3	3.9	3.9	0.0	0.0	0.0
87.5°	19.5	19.5	15.6	7.8	11.7	3.9	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°	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3
2.5°	4845.2	4899.9	4806.2	4864.7	4837.4	4849.1	4860.8	4829.6	4837.4	4946.7	4950.6
5°	3880.8	3986.3	3947.2	4001.9	4095.6	4048.7	4091.7	4083.9	4091.7	4107.3	4177.6
7.5°	2768.1	2736.9	2811.1	2955.5	3123.4	3224.9	3174.2	3146.8	3131.2	3092.2	3139.0
10°	2088.8	2073.2	2053.6	2096.6	2205.9	2319.1	2381.6	2276.2	2217.6	2143.4	2116.1
12.5°	1733.5	1635.9	1581.2	1514.9	1546.1	1647.6	1651.5	1550.0	1456.3	1417.2	1460.2
15°	1366.5	1300.1	1202.5	1108.8	1062.0	1140.0	1073.7	976.1	855.0	839.4	835.5
17.5°	976.1	937.0	866.7	827.7	773.0	753.5	683.2	534.9	449.0	425.6	433.4
20°	663.7	632.5	628.6	593.4	570.0	554.4	441.2	343.6	316.2	320.1	324.1
22.5°	491.9	476.3	456.8	452.9	433.4	413.9	324.1	288.9	269.4	269.4	281.1
25°	402.1	394.3	374.8	367.0	359.2	331.9	273.3	246.0	238.2	230.4	242.1
27.5°	343.6	339.7	328.0	316.2	308.4	281.1	238.2	214.7	206.9	206.9	206.9
30°	308.4	308.4	292.8	269.4	269.4	238.2	203.0	187.4	179.6	179.6	175.7
32.5°	288.9	281.1	261.6	246.0	234.3	203.0	179.6	164.0	152.3	152.3	156.2
35°	234.3	234.3	230.4	218.6	203.0	171.8	152.3	136.6	128.8	124.9	128.8
37.5°	206.9	195.2	179.6	183.5	175.7	148.4	128.8	117.1	105.4	105.4	105.4
40°	187.4	175.7	160.1	148.4	144.5	132.7	113.2	93.7	82.0	78.1	78.1
42.5°	167.9	160.1	136.6	117.1	113.2	113.2	85.9	70.3	58.6	58.6	58.6
45°	156.2	144.5	124.9	101.5	82.0	85.9	70.3	50.8	42.9	39.0	39.0
47.5°	148.4	136.6	109.3	85.9	62.5	62.5	50.8	35.1	27.3	23.4	23.4
50°	136.6	124.9	97.6	70.3	46.9	39.0	31.2	19.5	11.7	7.8	7.8
52.5°	128.8	117.1	85.9	58.6	39.0	27.3	19.5	3.9	0.0	0.0	0.0
55°	117.1	101.5	74.2	46.9	31.2	15.6	3.9	0.0	0.0	0.0	0.0
57.5°	101.5	89.8	58.6	35.1	19.5	3.9	0.0	0.0	0.0	0.0	0.0
60°	85.9	74.2	46.9	27.3	7.8	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	70.3	62.5	35.1	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	58.6	46.9	27.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	50.8	39.0	19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	39.0	27.3	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	27.3	19.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	19.5	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	11.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.9	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°	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3
2.5°	4966.2	5083.4	5192.7	5223.9	5309.8	5548.0	5548.0	5661.2	5864.2	5938.4	5954.0
5°	4189.3	4314.2	4337.6	4579.7	4692.9	4935.0	5095.1	5477.7	5708.0	5852.5	5942.3
7.5°	3185.9	3228.8	3318.6	3545.1	3767.6	4060.4	4365.0	4853.0	5259.0	5423.0	5727.6
10°	2190.3	2319.1	2514.3	2717.4	3064.9	3388.9	3783.2	4243.9	4743.7	4946.7	5208.3
12.5°	1475.8	1655.4	1967.8	2256.7	2576.8	2904.8	3279.6	3896.5	4462.6	4743.7	5005.3
15°	862.8	1081.5	1350.9	1819.4	2245.0	2612.0	2986.8	3611.4	4298.6	4661.7	4981.8
17.5°	437.3	503.7	726.2	1132.2	1694.5	2295.7	2854.0	3650.5	4423.5	4868.6	5134.1
20°	328.0	347.5	409.9	601.3	1159.6	1897.5	2729.1	3709.1	4771.0	5313.7	5458.2
22.5°	285.0	300.6	328.0	390.4	652.0	1452.4	2553.4	3853.5	5243.4	5754.9	6059.4
25°	242.1	257.7	281.1	320.1	417.8	987.8	2338.7	4005.8	5665.1	6309.3	6594.3
27.5°	210.8	222.5	246.0	277.2	339.7	628.6	1967.8	4208.8	6309.3	6980.8	7055.0
30°	179.6	191.3	210.8	246.0	288.9	445.1	1444.6	4236.1	6664.6	7273.7	7480.6
32.5°	156.2	160.1	183.5	214.7	242.1	351.4	1015.1	4263.5	6926.2	7652.4	7695.3
35°	128.8	136.6	160.1	179.6	210.8	277.2	769.1	4126.8	7265.8	8042.8	8031.1
37.5°	105.4	117.1	132.7	148.4	171.8	234.3	613.0	3873.0	7691.4	8648.0	8281.0
40°	82.0	93.7	109.3	128.8	144.5	210.8	460.7	3490.4	8136.5	8944.7	8554.3
42.5°	58.6	66.4	82.0	101.5	128.8	175.7	331.9	3037.5	8312.2	9292.2	8882.2
45°	42.9	50.8	62.5	85.9	132.7	140.6	230.4	2623.7	8499.6	9444.4	8808.0
47.5°	23.4	31.2	46.9	74.2	117.1	105.4	164.0	2252.8	8714.3	9581.1	8866.6
50°	7.8	11.7	27.3	78.1	93.7	82.0	128.8	2053.6	8925.2	9608.4	8983.7
52.5°	0.0	0.0	15.6	82.0	70.3	62.5	113.2	1975.6	8870.5	9694.3	8909.5
55°	0.0	0.0	3.9	35.1	39.0	46.9	93.7	1971.7	9257.0	9721.6	9315.6
57.5°	0.0	0.0	0.0	11.7	23.4	39.0	82.0	1846.7	9503.0	10401.0	9862.2
60°	0.0	0.0	0.0	3.9	15.6	27.3	62.5	1737.4	9752.9	10705.5	10447.8
62.5°	0.0	0.0	0.0	0.0	3.9	11.7	42.9	1569.5	9249.2	10682.1	11013.9
65°	0.0	0.0	0.0	0.0	0.0	0.0	27.3	1241.6	8320.0	10123.8	10701.6
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	15.6	858.9	7285.4	9421.0	10127.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	519.3	5879.8	8261.4	8589.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	222.5	4197.1	6559.2	7047.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.8	2596.3	4794.4	5395.7
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.1	1682.7	3631.0	4095.6
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	898.0	2276.2	2647.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	390.4	1382.1	1592.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	124.9	839.4	956.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	128.8	171.8
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: P599119
 CATALOG NUMBER: IFLD-S-SA6A-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3	5536.3
2.5°	5961.8	6075.0	6118.0	6051.6	6059.4	5922.8	5903.3	5711.9	5633.9	5649.5
5°	6235.1	6399.1	6488.9	6414.7	6246.8	5985.2	5747.1	5520.6	5380.1	5309.8
7.5°	6172.6	6356.1	6469.4	6539.6	6348.3	5926.7	5563.6	5138.0	4958.4	4962.3
10°	5829.1	6211.7	6442.0	6352.2	6262.4	5840.8	5278.6	4817.9	4657.8	4673.4
12.5°	5551.9	5977.4	6114.1	6184.4	6000.9	5665.1	5286.4	4759.3	4579.7	4470.4
15°	5380.1	5696.3	5704.1	5813.5	5739.3	5739.3	5368.4	4853.0	4696.8	4575.8
17.5°	5380.1	5450.4	5442.5	5481.6	5606.5	5754.9	5575.3	5231.7	4923.3	4903.8
20°	5501.1	5282.5	5231.7	5247.3	5352.8	5793.9	6032.1	5602.6	5407.4	5344.9
22.5°	5782.2	5302.0	4993.6	4938.9	5263.0	5790.0	6324.9	6188.3	5848.6	5797.8
25°	6168.7	5266.9	4931.1	4860.8	5106.8	5930.6	6727.1	6754.4	6445.9	6340.5
27.5°	6535.7	5423.0	4923.3	4907.7	5231.7	5899.3	7004.3	7207.3	6859.8	6773.9
30°	6660.7	5579.2	5067.7	4860.8	5278.6	6012.6	6996.4	7527.4	7301.0	7320.5
32.5°	6809.0	5735.4	5083.4	5001.4	5477.7	6196.1	7219.0	8042.8	7878.8	7648.5
35°	7027.7	5946.2	5231.7	5157.5	5618.2	6360.1	7265.8	8421.5	8394.2	8124.8
37.5°	7215.1	6153.1	5540.2	5551.9	6047.7	6625.5	7472.8	8886.1	8839.3	8655.8
40°	7347.8	6442.0	6020.4	6051.6	6422.5	6922.3	7839.8	9120.4	9467.8	9198.5
42.5°	7367.4	6699.7	6570.9	6820.8	7168.2	7383.0	7988.1	9280.4	9780.2	9604.5
45°	7441.5	7109.7	7468.9	7652.4	7937.4	7789.0	7980.3	9553.7	9803.6	9713.8
47.5°	7730.5	7855.4	8308.3	8866.6	8968.1	8480.1	8167.7	9596.7	9936.4	9924.6
50°	8031.1	8655.8	9292.2	9663.1	9791.9	8956.4	8343.4	9561.6	10112.1	10018.4
52.5°	8366.8	9350.7	10268.2	10725.0	10654.7	9483.5	8542.5	9846.6	10436.1	10404.9
55°	8577.7	9663.1	10896.8	11533.2	11478.5	10073.0	9175.0	10256.5	10861.7	10783.6
57.5°	9136.0	10170.6	11521.5	11818.2	11962.7	10846.1	9616.2	10928.0	11217.0	11302.9
60°	9596.7	10502.5	11685.5	12114.9	12165.7	11306.8	10389.3	11619.1	11669.9	11380.9
62.5°	10272.1	10631.3	11338.0	11724.5	11986.1	11568.3	11084.2	11990.0	11662.0	11642.5
65°	10768.0	10209.7	10689.9	10904.6	11072.5	11170.1	11783.1	12243.8	11517.6	11138.9
67.5°	10490.8	9413.2	9323.4	9335.1	9385.9	9975.4	11548.8	11623.0	10713.3	10401.0
70°	9233.6	7722.6	7601.6	7695.3	7441.5	8152.1	10600.1	10564.9	9452.2	9128.2
72.5°	7468.9	5630.0	5423.0	5551.9	5610.4	6364.0	8917.3	8011.6	6894.9	6641.2
75°	5934.5	4126.8	3482.6	3794.9	3994.1	4634.4	6965.2	5442.5	4814.0	4470.4
77.5°	4661.7	3123.4	2709.6	2584.6	2768.1	3369.4	5067.7	2857.9	2522.2	2362.1
80°	2955.5	2295.7	2490.9	2311.3	2389.4	2405.0	2639.3	1300.1	1034.6	1022.9
82.5°	1780.3	1569.5	1866.2	1026.8	1870.1	1671.0	1097.1	589.5	523.2	523.2
85°	1261.1	972.2	644.2	417.8	831.6	917.5	425.6	304.5	265.5	257.7
87.5°	632.5	300.6	144.5	93.7	105.4	171.8	50.8	23.4	23.4	19.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)