

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: P599163

Luminaire Tested: **IFLD-L-SA8A-727-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: P599163
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8A-727-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (128) 2700K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

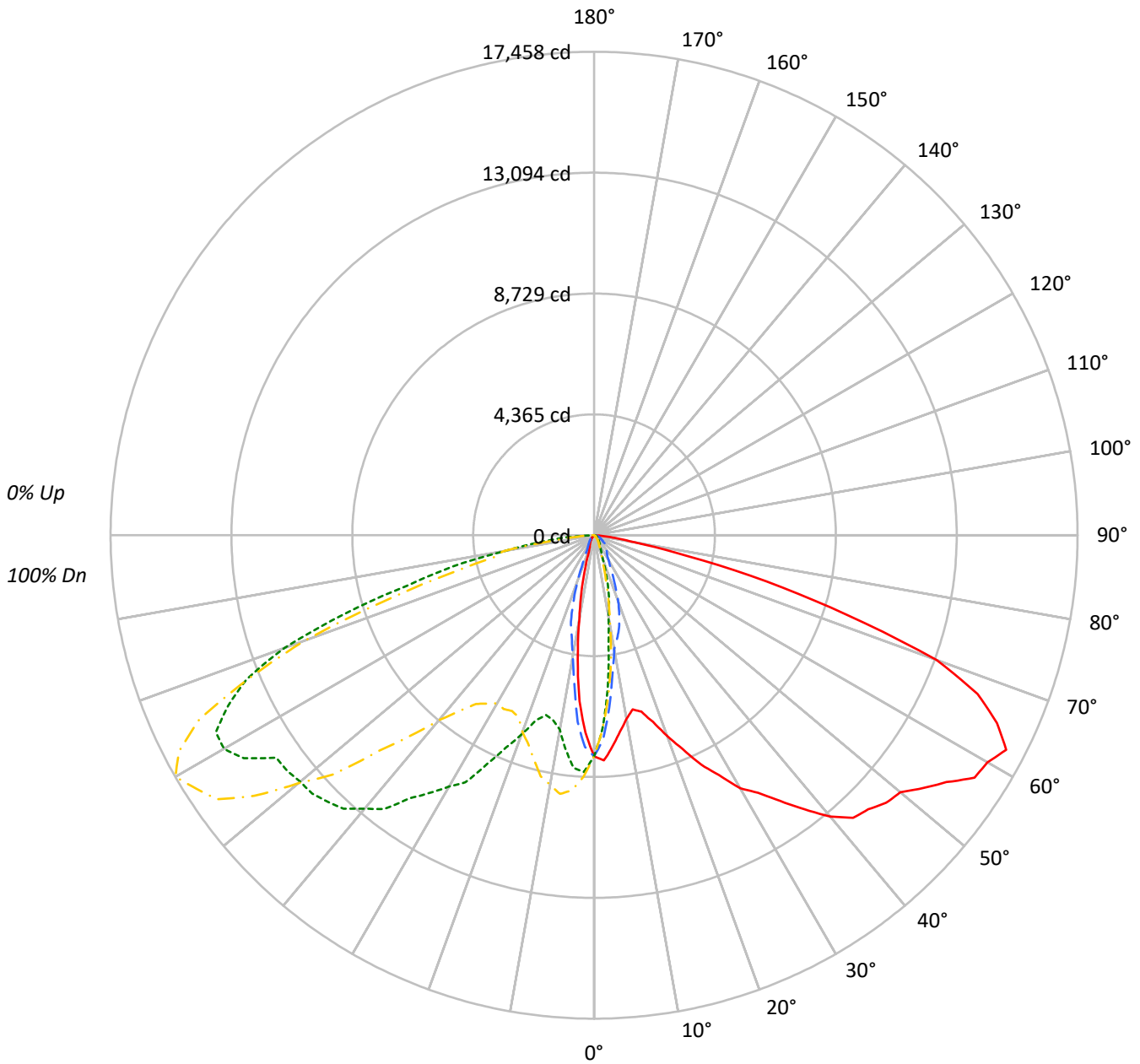
Lumens per Lamp: N/A
 Luminaire Lumens: 20868.0 lumens
 Efficiency: N/A
 Efficacy: 84.2 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

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	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°	42936	42936	42936	42936
5°	41337	30212	32523	45562
10°	36803	16450	16664	38956
15°	36739	10971	6708	37429
20°	44113	5478	2675	43855
25°	54257	3441	2071	53990
30°	65557	2762	1574	65137
35°	76923	2218	1220	76147
40°	93126	1898	790	90556
45°	106540	1713	429	103585
50°	120875	1649	95	115929
55°	145808	1584	0	131449
60°	176529	1333	0	166053
65°	204410	1075	0	185782
70°	206985	886	0	187331
75°	133955	584	0	143666
80°	45684	174	0	101659
85°	22928	0	0	74694

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	604.3	2.9
10°-20°	1170.2	5.6
20°-30°	1629.8	7.8
30°-40°	2315.8	11.1
40°-50°	3211.3	15.4
50°-60°	4375.6	21.0
60°-70°	4810.6	23.1
70°-80°	2364.4	11.3
80°-90°	386.1	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°	3404.3	16.3
0°-40°	5720.1	27.4
0°-60°	13306.9	63.8
0°-90°	20868.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	20868.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7978	7978	7978	7978	7978	
5°	7652	5592	6020	8434	7652	700
15°	6594	1969	1204	6718	6594	1952
25°	9137	580	349	9092	9137	4248
35°	11708	338	186	11590	11708	7432
45°	13998	225	56	13610	13998	10851
55°	15539	169	0	14009	15539	13979
65°	16051	84	0	14588	16051	15512
75°	6442	28	0	6909	6442	7023
85°	371	0	0	1210	371	514
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°	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8
2.5°	8141.0	8236.6	8146.6	7831.5	7775.3	7623.4	7392.7	7375.8	7133.9	7162.0	7032.6
5°	7651.5	7747.1	7555.9	7139.5	6751.3	6441.9	6256.2	5924.3	5851.1	5688.0	5688.0
7.5°	7150.8	7145.2	6818.8	6470.0	5890.5	5322.3	5063.5	4585.3	4304.0	4152.1	4005.8
10°	6734.4	6644.4	6441.9	5721.7	5091.6	4500.9	4180.2	3865.1	3572.6	3319.4	3066.2
12.5°	6441.9	6498.1	6177.5	5395.4	4579.6	4168.9	3825.8	3493.8	3145.0	2858.1	2576.8
15°	6593.8	6503.8	6126.8	5322.3	4495.3	3932.6	3476.9	3071.9	2683.7	2306.7	2092.9
17.5°	7066.4	6835.7	6391.3	5322.3	4320.8	3572.6	3021.2	2543.0	2126.7	1789.1	1524.7
20°	7702.1	7437.7	6959.5	5519.2	4191.4	3308.1	2554.3	1952.3	1519.0	1204.0	1001.4
22.5°	8354.8	8146.6	7426.5	5598.0	4039.5	2953.7	2014.1	1412.2	1012.7	810.2	708.9
25°	9136.8	8844.2	8056.6	5913.0	3814.5	2610.5	1586.6	984.6	753.9	647.0	585.1
27.5°	9761.3	9710.7	8647.3	6104.3	3645.7	2329.2	1254.6	782.0	624.5	545.7	506.3
30°	10548.9	10273.3	9367.5	6486.9	3454.4	2008.5	1046.5	703.3	573.9	489.5	461.3
32.5°	11021.5	10892.1	9744.4	6700.7	3240.6	1744.1	900.2	618.9	523.2	461.3	433.2
35°	11707.9	11449.1	10284.5	6835.7	3128.1	1592.2	810.2	562.6	438.8	376.9	343.2
37.5°	12473.1	12377.4	10931.5	6830.1	2965.0	1502.2	748.3	523.2	416.3	348.8	309.4
40°	13255.1	12866.9	11325.3	6987.6	2880.6	1434.7	703.3	500.7	393.8	331.9	281.3
42.5°	13840.2	13395.8	11781.1	6931.4	2779.3	1316.5	686.4	467.0	376.9	303.8	258.8
45°	13997.7	13840.2	12191.8	6914.5	2706.2	1220.9	658.3	461.3	365.7	286.9	241.9
47.5°	14301.6	14194.7	12698.1	6942.6	2649.9	1147.7	590.7	472.6	348.8	270.1	230.7
50°	14436.6	14245.3	13108.8	7010.1	2520.5	1057.7	528.9	495.1	343.2	264.4	219.4
52.5°	14993.6	14824.8	13671.4	7201.4	2413.6	939.6	467.0	472.6	354.4	247.5	208.2
55°	15539.3	15348.0	14537.9	7640.2	2261.7	843.9	399.5	416.3	337.6	225.0	185.7
57.5°	16287.6	15972.5	15117.3	7820.3	2126.7	714.5	354.4	343.2	315.1	202.5	163.2
60°	16400.1	16529.5	15032.9	7707.8	1986.0	630.1	309.4	264.4	337.6	180.0	140.7
62.5°	16777.0	16236.9	14639.1	7449.0	1884.7	579.5	275.7	219.4	292.6	157.5	118.1
65°	16051.3	15651.8	13716.4	6616.3	1755.3	585.1	241.9	180.0	185.7	129.4	95.6
67.5°	14987.9	14672.9	12186.1	5710.5	1625.9	573.9	213.8	157.5	140.7	112.5	84.4
70°	13153.8	12473.1	10352.0	4635.9	1434.7	534.5	180.0	140.7	118.1	90.0	61.9
72.5°	9570.0	9294.3	7426.5	3583.8	1288.4	483.8	168.8	118.1	101.3	67.5	50.6
75°	6441.9	5986.2	4686.5	2351.7	1035.2	422.0	140.7	106.9	78.8	50.6	39.4
77.5°	3403.8	3218.1	2655.5	1119.6	573.9	196.9	78.8	61.9	45.0	39.4	22.5
80°	1474.0	1310.9	1147.7	455.7	202.5	90.0	50.6	33.8	28.1	22.5	11.3
82.5°	753.9	720.1	596.4	196.9	118.1	67.5	28.1	22.5	16.9	11.3	5.6
85°	371.3	382.6	315.1	61.9	67.5	39.4	5.6	5.6	0.0	0.0	0.0
87.5°	28.1	28.1	22.5	11.3	16.9	5.6	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°	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8
2.5°	6982.0	7060.8	6925.7	7010.1	6970.7	6987.6	7004.5	6959.5	6970.7	7128.3	7133.9
5°	5592.3	5744.3	5688.0	5766.8	5901.8	5834.3	5896.2	5884.9	5896.2	5918.7	6019.9
7.5°	3988.9	3943.9	4050.8	4259.0	4500.9	4647.2	4574.0	4534.6	4512.1	4455.9	4523.4
10°	3010.0	2987.5	2959.3	3021.2	3178.7	3341.9	3431.9	3280.0	3195.6	3088.7	3049.3
12.5°	2498.0	2357.3	2278.6	2182.9	2227.9	2374.2	2379.8	2233.6	2098.5	2042.3	2104.2
15°	1969.1	1873.5	1732.8	1597.8	1530.3	1642.8	1547.2	1406.5	1232.1	1209.6	1204.0
17.5°	1406.5	1350.3	1249.0	1192.7	1114.0	1085.8	984.6	770.8	647.0	613.2	624.5
20°	956.4	911.4	905.8	855.2	821.4	798.9	635.7	495.1	455.7	461.3	467.0
22.5°	708.9	686.4	658.3	652.6	624.5	596.4	467.0	416.3	388.2	388.2	405.1
25°	579.5	568.2	540.1	528.9	517.6	478.2	393.8	354.4	343.2	331.9	348.8
27.5°	495.1	489.5	472.6	455.7	444.5	405.1	343.2	309.4	298.2	298.2	298.2
30°	444.5	444.5	422.0	388.2	388.2	343.2	292.6	270.1	258.8	258.8	253.2
32.5°	416.3	405.1	376.9	354.4	337.6	292.6	258.8	236.3	219.4	219.4	225.0
35°	337.6	337.6	331.9	315.1	292.6	247.5	219.4	196.9	185.7	180.0	185.7
37.5°	298.2	281.3	258.8	264.4	253.2	213.8	185.7	168.8	151.9	151.9	151.9
40°	270.1	253.2	230.7	213.8	208.2	191.3	163.2	135.0	118.1	112.5	112.5
42.5°	241.9	230.7	196.9	168.8	163.2	163.2	123.8	101.3	84.4	84.4	84.4
45°	225.0	208.2	180.0	146.3	118.1	123.8	101.3	73.1	61.9	56.3	56.3
47.5°	213.8	196.9	157.5	123.8	90.0	90.0	73.1	50.6	39.4	33.8	33.8
50°	196.9	180.0	140.7	101.3	67.5	56.3	45.0	28.1	16.9	11.3	11.3
52.5°	185.7	168.8	123.8	84.4	56.3	39.4	28.1	5.6	0.0	0.0	0.0
55°	168.8	146.3	106.9	67.5	45.0	22.5	5.6	0.0	0.0	0.0	0.0
57.5°	146.3	129.4	84.4	50.6	28.1	5.6	0.0	0.0	0.0	0.0	0.0
60°	123.8	106.9	67.5	39.4	11.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	101.3	90.0	50.6	22.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	84.4	67.5	39.4	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	73.1	56.3	28.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	56.3	39.4	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	39.4	28.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	28.1	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	16.9	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.6	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°	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8
2.5°	7156.4	7325.2	7482.7	7527.7	7651.5	7994.7	7994.7	8157.9	8450.4	8557.3	8579.8
5°	6036.8	6216.8	6250.6	6599.4	6762.6	7111.4	7342.1	7893.4	8225.4	8433.5	8562.9
7.5°	4590.9	4652.8	4782.2	5108.5	5429.2	5851.1	6290.0	6993.2	7578.4	7814.7	8253.5
10°	3156.2	3341.9	3623.2	3915.8	4416.5	4883.5	5451.7	6115.6	6835.7	7128.3	7505.2
12.5°	2126.7	2385.5	2835.6	3251.9	3713.2	4185.8	4725.9	5614.9	6430.6	6835.7	7212.7
15°	1243.4	1558.4	1946.6	2621.8	3235.0	3763.9	4304.0	5204.1	6194.3	6717.6	7178.9
17.5°	630.1	725.8	1046.5	1631.6	2441.7	3308.1	4112.7	5260.4	6374.4	7015.8	7398.3
20°	472.6	500.7	590.7	866.4	1671.0	2734.3	3932.6	5344.8	6875.1	7657.1	7865.3
22.5°	410.7	433.2	472.6	562.6	939.6	2092.9	3679.5	5553.0	7555.9	8292.9	8731.7
25°	348.8	371.3	405.1	461.3	602.0	1423.4	3370.0	5772.4	8163.5	9091.8	9502.5
27.5°	303.8	320.7	354.4	399.5	489.5	905.8	2835.6	6064.9	9091.8	10059.5	10166.4
30°	258.8	275.7	303.8	354.4	416.3	641.4	2081.7	6104.3	9603.8	10481.4	10779.6
32.5°	225.0	230.7	264.4	309.4	348.8	506.3	1462.8	6143.7	9980.7	11027.2	11089.1
35°	185.7	196.9	230.7	258.8	303.8	399.5	1108.3	5946.8	10470.2	11589.8	11572.9
37.5°	151.9	168.8	191.3	213.8	247.5	337.6	883.3	5581.1	11083.4	12461.8	11933.0
40°	118.1	135.0	157.5	185.7	208.2	303.8	663.9	5029.7	11724.8	12889.4	12326.8
42.5°	84.4	95.6	118.1	146.3	185.7	253.2	478.2	4377.1	11978.0	13390.1	12799.4
45°	61.9	73.1	90.0	123.8	191.3	202.5	331.9	3780.7	12248.0	13609.5	12692.5
47.5°	33.8	45.0	67.5	106.9	168.8	151.9	236.3	3246.3	12557.5	13806.5	12776.9
50°	11.3	16.9	39.4	112.5	135.0	118.1	185.7	2959.3	12861.3	13845.8	12945.7
52.5°	0.0	0.0	22.5	118.1	101.3	90.0	163.2	2846.8	12782.5	13969.6	12838.8
55°	0.0	0.0	5.6	50.6	56.3	67.5	135.0	2841.2	13339.5	14009.0	13423.9
57.5°	0.0	0.0	0.0	16.9	33.8	56.3	118.1	2661.1	13693.9	14987.9	14211.5
60°	0.0	0.0	0.0	5.6	22.5	39.4	90.0	2503.6	14054.0	15426.8	15055.5
62.5°	0.0	0.0	0.0	0.0	5.6	16.9	61.9	2261.7	13328.2	15393.0	15871.2
65°	0.0	0.0	0.0	0.0	0.0	0.0	39.4	1789.1	11989.2	14588.5	15421.2
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	22.5	1237.7	10498.3	13575.8	14594.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	748.3	8472.9	11904.8	12377.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	320.7	6048.1	9451.9	10155.1
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129.4	3741.4	6908.9	7775.3
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.6	2424.9	5232.3	5901.8
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.3	1294.0	3280.0	3814.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	562.6	1991.6	2295.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180.0	1209.6	1378.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	185.7	247.5
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: P599163
 CATALOG NUMBER: IFLD-L-SA8A-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8	7977.8
2.5°	8591.1	8754.2	8816.1	8720.5	8731.7	8534.8	8506.7	8231.0	8118.5	8141.0
5°	8984.9	9221.2	9350.6	9243.7	9001.8	8624.8	8281.6	7955.3	7752.8	7651.5
7.5°	8894.9	9159.3	9322.5	9423.7	9148.0	8540.4	8017.2	7404.0	7145.2	7150.8
10°	8399.8	8951.1	9283.1	9153.7	9024.3	8416.7	7606.5	6942.6	6711.9	6734.4
12.5°	8000.3	8613.6	8810.5	8911.7	8647.3	8163.5	7617.7	6858.2	6599.4	6441.9
15°	7752.8	8208.5	8219.7	8377.3	8270.4	8270.4	7735.9	6993.2	6768.2	6593.8
17.5°	7752.8	7854.0	7842.8	7899.0	8079.1	8292.9	8034.1	7539.0	7094.5	7066.4
20°	7927.2	7612.1	7539.0	7561.5	7713.4	8349.1	8692.3	8073.5	7792.2	7702.1
22.5°	8332.3	7640.2	7195.8	7117.0	7584.0	8343.5	9114.3	8917.4	8427.9	8354.8
25°	8889.2	7589.6	7105.8	7004.5	7358.9	8546.1	9693.8	9733.2	9288.7	9136.8
27.5°	9418.1	7814.7	7094.5	7072.0	7539.0	8501.0	10093.2	10385.8	9885.1	9761.3
30°	9598.1	8039.7	7302.7	7004.5	7606.5	8664.2	10082.0	10847.1	10520.8	10548.9
32.5°	9811.9	8264.7	7325.2	7207.0	7893.4	8928.6	10402.7	11589.8	11353.5	11021.5
35°	10127.0	8568.6	7539.0	7432.1	8096.0	9164.9	10470.2	12135.5	12096.1	11707.9
37.5°	10397.0	8866.7	7983.4	8000.3	8714.8	9547.5	10768.4	12805.0	12737.5	12473.1
40°	10588.3	9283.1	8675.5	8720.5	9254.9	9975.1	11297.2	13142.6	13643.3	13255.1
42.5°	10616.5	9654.4	9468.7	9828.8	10329.5	10639.0	11511.0	13373.2	14093.4	13840.2
45°	10723.4	10245.1	10762.7	11027.2	11437.9	11224.1	11499.8	13767.1	14127.1	13997.7
47.5°	11139.7	11319.7	11972.3	12776.9	12923.2	12219.9	11769.8	13829.0	14318.4	14301.6
50°	11572.9	12473.1	13390.1	13924.6	14110.3	12906.3	12023.0	13778.3	14571.6	14436.6
52.5°	12056.7	13474.5	14796.7	15454.9	15353.6	13665.8	12309.9	14189.0	15038.6	14993.6
55°	12360.5	13924.6	15702.5	16619.5	16540.7	14515.3	13221.3	14779.8	15651.8	15539.3
57.5°	13165.1	14656.0	16602.6	17030.2	17238.4	15629.3	13857.1	15747.5	16163.8	16287.6
60°	13829.0	15134.2	16838.9	17457.8	17530.9	16293.2	14971.1	16743.3	16816.4	16400.1
62.5°	14802.3	15319.9	16338.2	16895.2	17272.1	16670.1	15972.5	17277.8	16805.2	16777.0
65°	15516.8	14712.3	15404.3	15713.7	15955.6	16096.3	16979.6	17643.5	16597.0	16051.3
67.5°	15117.3	13564.5	13435.1	13452.0	13525.2	14374.7	16642.0	16748.9	15438.0	14987.9
70°	13305.7	11128.4	10954.0	11089.1	10723.4	11747.3	15274.9	15224.2	13620.8	13153.8
72.5°	10762.7	8112.8	7814.7	8000.3	8084.7	9170.5	12850.0	11544.8	9935.7	9570.0
75°	8551.7	5946.8	5018.5	5468.6	5755.5	6678.2	10037.0	7842.8	6937.0	6441.9
77.5°	6717.6	4500.9	3904.5	3724.5	3988.9	4855.3	7302.7	4118.3	3634.5	3403.8
80°	4259.0	3308.1	3589.5	3330.7	3443.2	3465.7	3803.2	1873.5	1490.9	1474.0
82.5°	2565.5	2261.7	2689.3	1479.7	2694.9	2408.0	1580.9	849.5	753.9	753.9
85°	1817.2	1400.9	928.3	602.0	1198.4	1322.1	613.2	438.8	382.6	371.3
87.5°	911.4	433.2	208.2	135.0	151.9	247.5	73.1	33.8	33.8	28.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)