

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: P599164

Luminaire Tested: **IFLD-L-SA8B-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: P599164
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8B-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

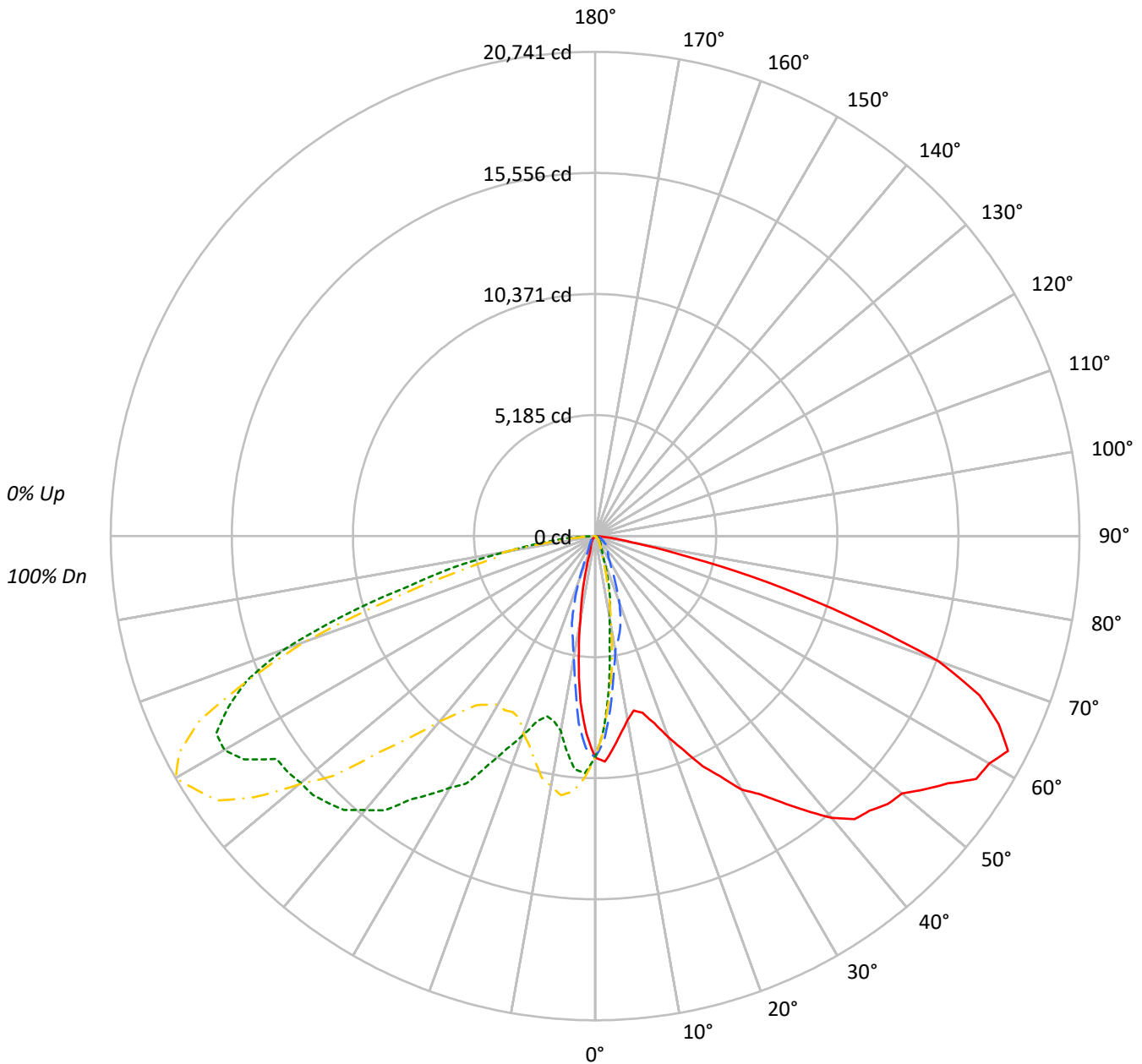
Lumens per Lamp: N/A
 Luminaire Lumens: 24792.6 lumens
 Efficiency: N/A
 Efficacy: 77.5 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 320
 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°	51011	51011	51011	51011
5°	49112	35895	38639	54131
10°	43725	19543	19799	46282
15°	43649	13035	7970	44468
20°	52409	6508	3178	52103
25°	64461	4089	2461	64143
30°	77886	3282	1869	77387
35°	91390	2635	1449	90467
40°	110639	2254	939	107587
45°	126577	2035	508	123066
50°	143608	1958	112	137732
55°	173229	1881	0	156170
60°	209728	1583	0	197281
65°	242853	1277	0	220721
70°	245913	1051	0	222562
75°	159147	695	0	170684
80°	54279	208	0	120778
85°	27245	0	0	88742

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	718.0	2.9
10°-20°	1390.3	5.6
20°-30°	1936.3	7.8
30°-40°	2751.3	11.1
40°-50°	3815.2	15.4
50°-60°	5198.5	21.0
60°-70°	5715.3	23.1
70°-80°	2809.0	11.3
80°-90°	458.7	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°	4044.6	16.3
0°-40°	6795.8	27.4
0°-60°	15809.5	63.8
0°-90°	24792.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	24792.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9478	9478	9478	9478	9478	
5°	9090	6644	7152	10020	9090	832
15°	7834	2340	1430	7981	7834	2319
25°	10855	688	414	10802	10855	5047
35°	13910	401	221	13769	13910	8829
45°	16630	267	67	16169	16630	12891
55°	18462	200	0	16644	18462	16607
65°	19070	100	0	17332	19070	18429
75°	7653	33	0	8208	7653	8344
85°	441	0	0	1437	441	610
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°	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2
2.5°	9672.0	9785.6	9678.7	9304.4	9237.5	9057.1	8783.0	8763.0	8475.5	8509.0	8355.2
5°	9090.5	9204.1	8976.9	8482.2	8021.0	7653.4	7432.8	7038.4	6951.6	6757.7	6757.7
7.5°	8495.6	8488.9	8101.2	7686.8	6998.3	6323.2	6015.8	5447.6	5113.4	4932.9	4759.1
10°	8001.0	7894.0	7653.4	6797.8	6049.2	5347.3	4966.3	4592.0	4244.5	3943.7	3642.9
12.5°	7653.4	7720.2	7339.2	6410.1	5440.9	4953.0	4545.2	4150.9	3736.5	3395.6	3061.4
15°	7833.9	7726.9	7279.1	6323.2	5340.7	4672.2	4130.8	3649.6	3188.4	2740.5	2486.5
17.5°	8395.3	8121.3	7593.2	6323.2	5133.5	4244.5	3589.4	3021.3	2526.6	2125.6	1811.4
20°	9150.6	8836.5	8268.3	6557.2	4979.7	3930.3	3034.6	2319.4	1804.7	1430.4	1189.8
22.5°	9926.0	9678.7	8823.1	6650.8	4799.2	3509.2	2392.9	1677.7	1203.2	962.5	842.2
25°	10855.1	10507.5	9571.8	7025.1	4531.9	3101.5	1884.9	1169.7	895.7	768.7	695.2
27.5°	11597.1	11536.9	10273.6	7252.3	4331.4	2767.3	1490.6	929.1	741.9	648.4	601.6
30°	12532.8	12205.3	11129.2	7706.9	4104.1	2386.3	1243.3	835.5	681.8	581.5	548.1
32.5°	13094.3	12940.6	11577.0	7960.9	3850.1	2072.1	1069.5	735.3	621.6	548.1	514.7
35°	13909.8	13602.3	12218.7	8121.3	3716.4	1891.6	962.5	668.4	521.4	447.8	407.7
37.5°	14818.8	14705.2	12987.4	8114.6	3522.6	1784.7	889.0	621.6	494.6	414.4	367.6
40°	15747.9	15286.7	13455.3	8301.8	3422.3	1704.5	835.5	594.9	467.9	394.4	334.2
42.5°	16443.1	15915.0	13996.7	8234.9	3302.0	1564.1	815.5	554.8	447.8	360.9	307.5
45°	16630.3	16443.1	14484.6	8214.9	3215.1	1450.5	782.0	548.1	434.5	340.9	287.4
47.5°	16991.2	16864.2	15086.2	8248.3	3148.3	1363.6	701.8	561.5	414.4	320.8	274.1
50°	17151.6	16924.4	15574.1	8328.5	2994.5	1256.6	628.3	588.2	407.7	314.2	260.7
52.5°	17813.4	17612.8	16242.6	8555.8	2867.5	1116.3	554.8	561.5	421.1	294.1	247.3
55°	18461.7	18234.5	17271.9	9077.1	2687.0	1002.6	474.6	494.6	401.1	267.4	220.6
57.5°	19350.7	18976.4	17960.4	9291.0	2526.6	848.9	421.1	407.7	374.3	240.6	193.8
60°	19484.4	19638.1	17860.1	9157.3	2359.5	748.6	367.6	314.2	401.1	213.9	167.1
62.5°	19932.2	19290.6	17392.2	8849.9	2239.2	688.5	327.5	260.7	347.6	187.2	140.4
65°	19070.0	18595.4	16296.0	7860.6	2085.5	695.2	287.4	213.9	220.6	153.7	113.6
67.5°	17806.7	17432.4	14477.9	6784.4	1931.7	681.8	254.0	187.2	167.1	133.7	100.3
70°	15627.6	14818.8	12298.9	5507.8	1704.5	635.0	213.9	167.1	140.4	106.9	73.5
72.5°	11369.8	11042.3	8823.1	4257.8	1530.7	574.8	200.5	140.4	120.3	80.2	60.2
75°	7653.4	7112.0	5567.9	2794.0	1229.9	501.3	167.1	127.0	93.6	60.2	46.8
77.5°	4043.9	3823.4	3154.9	1330.2	681.8	233.9	93.6	73.5	53.5	46.8	26.7
80°	1751.3	1557.4	1363.6	541.4	240.6	106.9	60.2	40.1	33.4	26.7	13.4
82.5°	895.7	855.6	708.5	233.9	140.4	80.2	33.4	26.7	20.1	13.4	6.7
85°	441.2	454.5	374.3	73.5	80.2	46.8	6.7	6.7	0.0	0.0	0.0
87.5°	33.4	33.4	26.7	13.4	20.1	6.7	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°	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2
2.5°	8295.1	8388.7	8228.2	8328.5	8281.7	8301.8	8321.8	8268.3	8281.7	8468.9	8475.5
5°	6644.1	6824.6	6757.7	6851.3	7011.7	6931.5	7005.0	6991.7	7005.0	7031.8	7152.1
7.5°	4739.1	4685.6	4812.6	5059.9	5347.3	5521.1	5434.2	5387.5	5360.7	5293.9	5374.1
10°	3576.0	3549.3	3515.9	3589.4	3776.6	3970.4	4077.4	3896.9	3796.6	3669.6	3622.8
12.5°	2967.8	2800.7	2707.1	2593.5	2646.9	2820.7	2827.4	2653.6	2493.2	2426.4	2499.9
15°	2339.5	2225.8	2058.7	1898.3	1818.1	1951.8	1838.2	1671.0	1463.8	1437.1	1430.4
17.5°	1671.0	1604.2	1483.9	1417.0	1323.5	1290.0	1169.7	915.7	768.7	728.6	741.9
20°	1136.3	1082.8	1076.2	1016.0	975.9	949.2	755.3	588.2	541.4	548.1	554.8
22.5°	842.2	815.5	782.0	775.4	741.9	708.5	554.8	494.6	461.2	461.2	481.3
25°	688.5	675.1	641.7	628.3	614.9	568.2	467.9	421.1	407.7	394.4	414.4
27.5°	588.2	581.5	561.5	541.4	528.1	481.3	407.7	367.6	354.3	354.3	354.3
30°	528.1	528.1	501.3	461.2	461.2	407.7	347.6	320.8	307.5	307.5	300.8
32.5°	494.6	481.3	447.8	421.1	401.1	347.6	307.5	280.7	260.7	260.7	267.4
35°	401.1	401.1	394.4	374.3	347.6	294.1	260.7	233.9	220.6	213.9	220.6
37.5°	354.3	334.2	307.5	314.2	300.8	254.0	220.6	200.5	180.5	180.5	180.5
40°	320.8	300.8	274.1	254.0	247.3	227.3	193.8	160.4	140.4	133.7	133.7
42.5°	287.4	274.1	233.9	200.5	193.8	193.8	147.1	120.3	100.3	100.3	100.3
45°	267.4	247.3	213.9	173.8	140.4	147.1	120.3	86.9	73.5	66.8	66.8
47.5°	254.0	233.9	187.2	147.1	106.9	106.9	86.9	60.2	46.8	40.1	40.1
50°	233.9	213.9	167.1	120.3	80.2	66.8	53.5	33.4	20.1	13.4	13.4
52.5°	220.6	200.5	147.1	100.3	66.8	46.8	33.4	6.7	0.0	0.0	0.0
55°	200.5	173.8	127.0	80.2	53.5	26.7	6.7	0.0	0.0	0.0	0.0
57.5°	173.8	153.7	100.3	60.2	33.4	6.7	0.0	0.0	0.0	0.0	0.0
60°	147.1	127.0	80.2	46.8	13.4	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	120.3	106.9	60.2	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	100.3	80.2	46.8	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	86.9	66.8	33.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	66.8	46.8	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	46.8	33.4	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	33.4	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	20.1	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	6.7	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°	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2
2.5°	8502.3	8702.8	8890.0	8943.4	9090.5	9498.2	9498.2	9692.1	10039.6	10166.6	10193.4
5°	7172.1	7386.0	7426.1	7840.5	8034.4	8448.8	8722.9	9377.9	9772.3	10019.6	10173.3
7.5°	5454.3	5527.8	5681.6	6069.2	6450.2	6951.6	7472.9	8308.4	9003.6	9284.3	9805.7
10°	3749.8	3970.4	4304.6	4652.2	5247.1	5801.9	6477.0	7265.7	8121.3	8468.9	8916.7
12.5°	2526.6	2834.1	3368.8	3863.5	4411.6	4973.0	5614.7	6670.8	7640.0	8121.3	8569.1
15°	1477.2	1851.5	2312.7	3114.8	3843.4	4471.7	5113.4	6182.9	7359.3	7980.9	8529.0
17.5°	748.6	862.3	1243.3	1938.4	2900.9	3930.3	4886.1	6249.7	7573.2	8335.2	8789.7
20°	561.5	594.9	701.8	1029.4	1985.2	3248.5	4672.2	6350.0	8168.1	9097.2	9344.5
22.5°	487.9	514.7	561.5	668.4	1116.3	2486.5	4371.5	6597.3	8976.9	9852.5	10373.9
25°	414.4	441.2	481.3	548.1	715.2	1691.1	4003.8	6858.0	9698.8	10801.6	11289.6
27.5°	360.9	381.0	421.1	474.6	581.5	1076.2	3368.8	7205.6	10801.6	11951.3	12078.3
30°	307.5	327.5	360.9	421.1	494.6	762.0	2473.1	7252.3	11409.9	12452.6	12806.9
32.5°	267.4	274.1	314.2	367.6	414.4	601.6	1737.9	7299.1	11857.7	13101.0	13174.5
35°	220.6	233.9	274.1	307.5	360.9	474.6	1316.8	7065.2	12439.3	13769.4	13749.4
37.5°	180.5	200.5	227.3	254.0	294.1	401.1	1049.4	6630.7	13167.8	14805.5	14177.2
40°	140.4	160.4	187.2	220.6	247.3	360.9	788.7	5975.7	13929.8	15313.5	14645.0
42.5°	100.3	113.6	140.4	173.8	220.6	300.8	568.2	5200.3	14230.6	15908.4	15206.5
45°	73.5	86.9	106.9	147.1	227.3	240.6	394.4	4491.8	14551.5	16169.0	15079.5
47.5°	40.1	53.5	80.2	127.0	200.5	180.5	280.7	3856.8	14919.1	16403.0	15179.8
50°	13.4	20.1	46.8	133.7	160.4	140.4	220.6	3515.9	15280.0	16449.8	15380.3
52.5°	0.0	0.0	26.7	140.4	120.3	106.9	193.8	3382.2	15186.5	16596.8	15253.3
55°	0.0	0.0	6.7	60.2	66.8	80.2	160.4	3375.5	15848.2	16643.6	15948.5
57.5°	0.0	0.0	0.0	20.1	40.1	66.8	140.4	3161.6	16269.3	17806.7	16884.2
60°	0.0	0.0	0.0	6.7	26.7	46.8	106.9	2974.5	16697.1	18328.0	17886.9
62.5°	0.0	0.0	0.0	0.0	6.7	20.1	73.5	2687.0	15834.8	18287.9	18856.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	46.8	2125.6	14244.0	17332.1	18321.3
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	26.7	1470.5	12472.7	16128.9	17338.8
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	889.0	10066.4	14143.7	14705.2
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	381.0	7185.5	11229.4	12065.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	153.7	4445.0	8208.2	9237.5
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.2	2880.9	6216.3	7011.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	1537.4	3896.9	4531.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	668.4	2366.2	2727.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	213.9	1437.1	1637.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	220.6	294.1
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: P599164
 CATALOG NUMBER: IFLD-L-SA8B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2	9478.2
2.5°	10206.7	10400.6	10474.1	10360.5	10373.9	10139.9	10106.5	9779.0	9645.3	9672.0
5°	10674.6	10955.4	11109.1	10982.1	10694.7	10246.9	9839.1	9451.4	9210.8	9090.5
7.5°	10567.7	10881.9	11075.7	11196.0	10868.5	10146.6	9525.0	8796.4	8488.9	8495.6
10°	9979.5	10634.5	11028.9	10875.2	10721.4	9999.5	9037.0	8248.3	7974.2	8001.0
12.5°	9504.9	10233.5	10467.4	10587.7	10273.6	9698.8	9050.4	8148.0	7840.5	7653.4
15°	9210.8	9752.2	9765.6	9952.8	9825.8	9825.8	9190.8	8308.4	8041.1	7833.9
17.5°	9210.8	9331.1	9317.8	9384.6	9598.5	9852.5	9545.0	8956.8	8428.8	8395.3
20°	9418.0	9043.7	8956.8	8983.5	9164.0	9919.3	10327.1	9591.8	9257.6	9150.6
22.5°	9899.3	9077.1	8549.1	8455.5	9010.3	9912.6	10828.4	10594.4	10012.9	9926.0
25°	10561.0	9017.0	8442.1	8321.8	8742.9	10153.3	11516.8	11563.6	11035.6	10855.1
27.5°	11189.3	9284.3	8428.8	8402.0	8956.8	10099.8	11991.4	12339.0	11744.1	11597.1
30°	11403.2	9551.7	8676.1	8321.8	9037.0	10293.6	11978.1	12887.1	12499.4	12532.8
32.5°	11657.2	9819.1	8702.8	8562.4	9377.9	10607.8	12359.1	13769.4	13488.7	13094.3
35°	12031.5	10180.0	8956.8	8829.8	9618.5	10888.5	12439.3	14417.8	14371.0	13909.8
37.5°	12352.4	10534.3	9484.9	9504.9	10353.8	11343.1	12793.5	15213.2	15133.0	14818.8
40°	12579.6	11028.9	10307.0	10360.5	10995.5	11851.1	13421.8	15614.3	16209.1	15747.9
42.5°	12613.1	11470.1	11249.5	11677.3	12272.2	12639.8	13675.8	15888.3	16743.9	16443.1
45°	12740.1	12171.9	12786.8	13101.0	13588.9	13334.9	13662.5	16356.2	16784.0	16630.3
47.5°	13234.7	13448.6	14223.9	15179.8	15353.6	14518.0	13983.3	16429.7	17011.2	16991.2
50°	13749.4	14818.8	15908.4	16543.4	16763.9	15333.5	14284.1	16369.6	17312.0	17151.6
52.5°	14324.2	16008.6	17579.4	18361.5	18241.1	16235.9	14625.0	16857.5	17866.8	17813.4
55°	14685.2	16543.4	18655.6	19745.1	19651.5	17245.2	15707.8	17559.4	18595.4	18461.7
57.5°	15641.0	17412.3	19725.0	20233.0	20480.3	18568.7	16463.1	18709.0	19203.7	19350.7
60°	16429.7	17980.5	20005.8	20741.0	20827.9	19357.4	17786.6	19892.1	19979.0	19484.4
62.5°	17586.1	18201.0	19410.9	20072.6	20520.4	19805.2	18976.4	20527.1	19965.7	19932.2
65°	18435.0	17479.1	18301.3	18668.9	18956.3	19123.5	20172.9	20961.6	19718.3	19070.0
67.5°	17960.4	16115.6	15961.8	15981.9	16068.8	17078.1	19771.8	19898.8	18341.4	17806.7
70°	15808.1	13221.3	13014.1	13174.5	12740.1	13956.6	18147.6	18087.4	16182.4	15627.6
72.5°	12786.8	9638.6	9284.3	9504.9	9605.2	10895.2	15266.7	13715.9	11804.3	11369.8
75°	10160.0	7065.2	5962.3	6497.0	6837.9	7934.1	11924.6	9317.8	8241.6	7653.4
77.5°	7980.9	5347.3	4638.8	4424.9	4739.1	5768.5	8676.1	4892.8	4318.0	4043.9
80°	5059.9	3930.3	4264.5	3957.0	4090.7	4117.5	4518.5	2225.8	1771.3	1751.3
82.5°	3048.0	2687.0	3195.0	1757.9	3201.7	2860.8	1878.3	1009.3	895.7	895.7
85°	2159.0	1664.4	1102.9	715.2	1423.7	1570.8	728.6	521.4	454.5	441.2
87.5°	1082.8	514.7	247.3	160.4	180.5	294.1	86.9	40.1	40.1	33.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)