

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: P599478

Luminaire Tested: **IFLD-L-SA7B-735-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599478
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7B-735-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (112) 3500K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

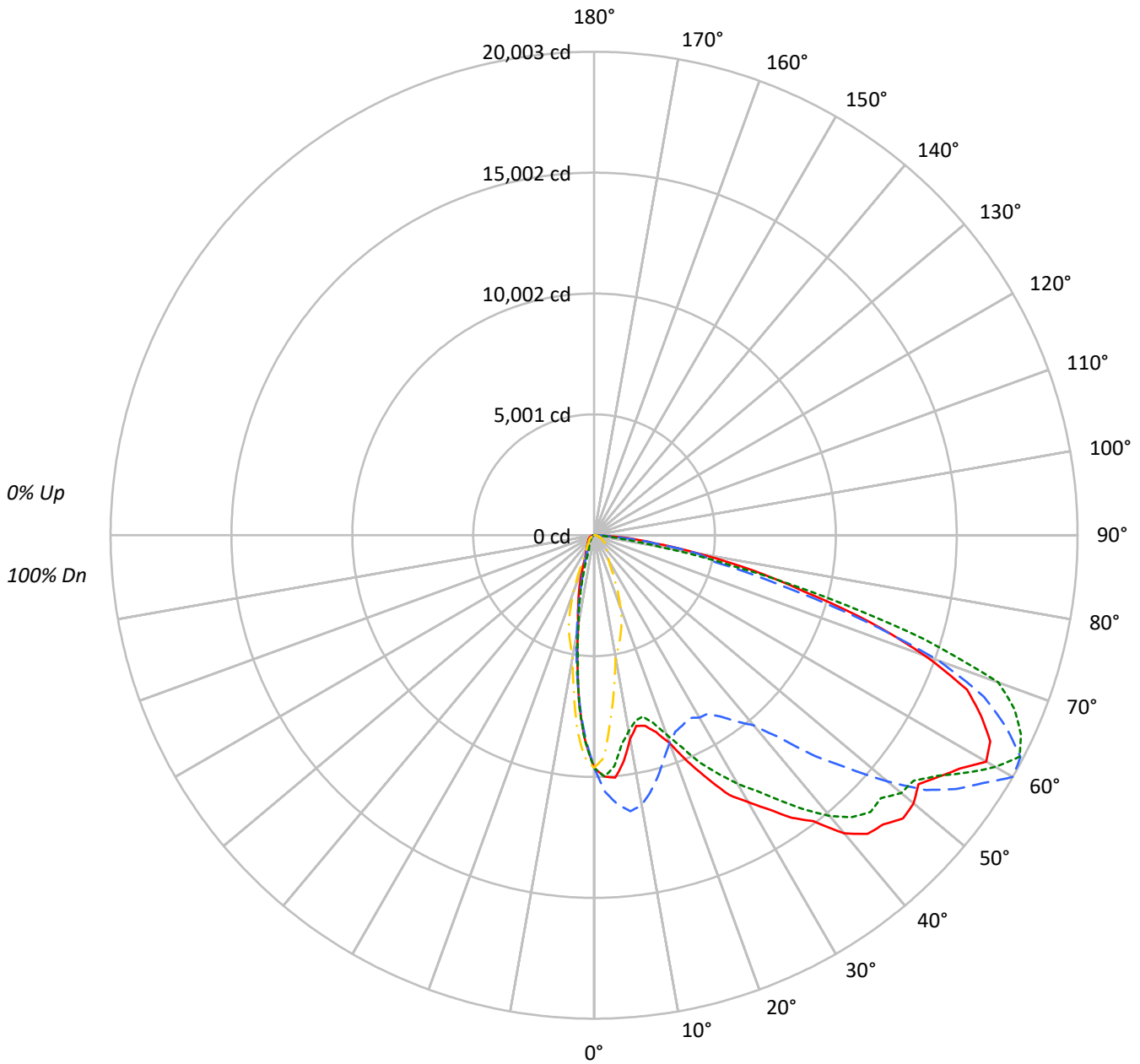
Lumens per Lamp: N/A
 Luminaire Lumens: 25582.3 lumens
 Efficiency: N/A
 Efficacy: 91.0 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 281
 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	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	51768	51768	51768	51768
5°	54402	51781	37830	38052
10°	46780	44988	20683	20198
15°	45487	43241	13436	10125
20°	52429	50239	7199	3600
25°	65923	61663	4665	2799
30°	79178	73787	3778	2293
35°	93763	87973	3097	1840
40°	113126	106502	2736	1392
45°	128795	123180	2547	936
50°	144485	138879	2517	572
55°	163394	162817	2500	256
60°	201630	206410	2280	73
65°	224977	248118	2089	0
70°	229404	280036	1936	0
75°	186662	206550	1847	0
80°	135720	86388	1906	0
85°	87748	36279	2532	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	730.7	2.9
10°-20°	1432.9	5.6
20°-30°	1983.0	7.8
30°-40°	2802.4	11.0
40°-50°	3815.5	14.9
50°-60°	5053.4	19.8
60°-70°	5867.4	22.9
70°-80°	3322.8	13.0
80°-90°	574.1	2.2
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°	4146.6	16.2
0°-40°	6949.0	27.2
0°-60°	15818.0	61.8
0°-90°	25582.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	25582.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9619	9619	9619	9619	9619	
5°	10070	9585	7002	7043	10070	904
15°	8164	7761	2412	1817	8164	2394
25°	11101	10384	786	471	11101	5178
35°	14271	13390	471	280	14271	8997
45°	16922	16184	335	123	16922	13119
55°	17414	17352	266	27	17414	15777
65°	17666	19484	164	0	17666	17221
75°	8977	9933	89	0	8977	9797
85°	1421	588	41	0	1421	1707
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8
2.5°	9994.5	10206.3	10213.1	10308.8	10404.4	10404.4	10629.8	10575.2	10377.1	10342.9	10199.5
5°	10069.7	10144.8	10199.5	10684.5	11094.4	11053.4	11176.4	11094.4	10711.8	10220.0	9885.2
7.5°	9420.7	9502.6	9721.3	10547.9	11101.2	11285.7	11517.9	11005.6	10602.5	9714.4	9072.3
10°	8559.9	8717.0	9120.1	10062.8	10746.0	11333.5	11333.5	10923.6	10144.8	9277.2	8491.6
12.5°	8081.7	8395.9	8614.5	9571.0	10459.1	10862.1	10848.5	10629.8	10124.3	9031.3	8143.2
15°	8163.7	8252.5	8717.0	9461.7	10049.2	10028.7	10274.6	10206.3	9851.1	9249.9	8273.0
17.5°	8539.4	8676.0	9079.1	9461.7	9741.7	9659.8	9652.9	9980.9	10001.3	9618.8	8758.0
20°	9154.2	9557.3	9748.6	9864.7	9523.1	9174.7	9133.7	9591.5	9946.7	10090.2	9338.7
22.5°	10138.0	10404.4	10793.8	10199.5	9311.4	8874.1	8792.2	9297.7	10015.0	10650.3	10090.2
25°	11101.2	11306.2	11681.9	10916.8	9550.5	8812.7	8669.2	9106.4	10274.6	11429.1	10998.7
27.5°	12119.1	12296.7	12337.7	11442.8	9680.3	8689.7	8518.9	9106.4	10493.2	11839.0	12085.0
30°	12740.8	12952.6	12993.6	11907.3	9892.0	8792.2	8710.2	9147.4	10643.5	12187.4	12863.8
32.5°	13437.6	13492.3	13458.1	11989.3	10124.3	9092.8	8751.2	9420.7	10814.3	12604.2	13574.2
35°	14271.0	14366.7	14018.3	12365.1	10643.5	9284.0	9161.1	9755.4	11108.1	12795.4	14435.0
37.5°	14906.4	15207.0	14421.3	12508.5	10746.0	9687.1	9707.6	10452.2	11313.0	13027.7	15384.6
40°	16101.9	15596.4	15104.5	13000.4	11135.4	10370.2	10260.9	11169.5	12003.0	13178.0	16006.3
42.5°	16757.7	16491.3	15370.9	13048.2	11736.6	11313.0	11340.3	11982.5	12365.1	13601.6	16177.0
45°	16921.7	16641.6	15733.0	13082.4	12330.9	12426.5	12897.9	13020.9	12897.9	13881.6	16498.1
47.5°	17338.4	16730.4	15692.0	13540.1	13294.1	13663.0	14264.2	14530.6	13622.1	13779.2	16648.4
50°	17256.4	16908.0	15603.2	13731.4	14469.2	15446.1	15849.1	15739.8	14428.2	13567.4	16484.5
52.5°	16914.8	16539.1	15876.5	14250.6	15569.0	16750.9	17311.1	17037.8	15145.5	14045.6	16375.2
55°	17413.5	17126.6	16231.7	14954.2	16395.6	17898.6	18294.8	18089.9	16026.7	14489.7	16996.8
57.5°	17953.2	17891.8	17194.9	15780.8	17372.6	19080.4	19080.4	18827.7	16791.9	15131.8	17919.1
60°	18732.0	18868.7	17905.4	16327.3	17707.3	19012.1	20002.7	19708.9	17563.8	16259.0	18964.3
62.5°	18479.3	18916.5	18820.8	17502.4	18089.9	19346.9	19886.6	20105.2	18520.3	17632.2	20357.9
65°	17666.3	18130.9	18814.0	18274.3	17802.9	18533.9	18807.2	19469.8	18998.5	18923.3	20931.8
67.5°	16696.2	17201.8	17625.3	18793.5	17222.3	17707.3	17468.2	17680.0	18479.3	20337.4	21259.7
70°	14578.5	15063.5	15733.0	17639.0	15685.2	15248.0	15186.5	15084.0	16327.3	19831.9	19770.4
72.5°	11989.3	12214.8	13321.5	14339.4	11606.8	11524.8	11620.4	11504.3	12945.7	17953.2	16935.3
75°	8976.6	9202.1	9830.6	11012.4	7904.1	7432.7	7979.2	8518.9	9885.2	13936.3	12166.9
77.5°	6749.5	7036.5	7432.7	8238.8	5800.0	5062.2	5137.3	5649.7	7145.8	11162.7	6817.9
80°	4379.0	4344.8	5110.0	5670.2	4365.3	4502.0	4310.7	4686.4	5178.3	5970.7	3484.1
82.5°	2527.7	2561.8	2882.9	3251.8	3040.0	3477.2	2507.2	4187.7	3695.9	2432.0	1298.0
85°	1421.0	1482.4	1776.2	2254.4	1906.0	1277.5	1045.2	2076.8	2322.7	997.4	628.5
87.5°	143.5	123.0	239.1	853.9	519.2	211.8	314.2	498.7	560.2	375.7	184.5
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°	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8
2.5°	9994.5	9994.5	9823.7	9536.8	9420.7	9215.7	8935.6	9024.4	8928.8	8580.4	8491.6
5°	9584.6	9256.7	8901.5	8464.3	8211.5	7692.3	7528.3	7234.6	7282.4	6988.6	7002.3
7.5°	8730.7	8471.1	7869.9	7296.1	6797.4	6346.5	5711.2	5472.0	5239.8	5123.6	5260.3
10°	8232.0	7746.9	6927.2	6175.7	5513.0	5110.0	4686.4	4358.5	4057.9	3832.5	3784.7
12.5°	7869.9	7439.5	6449.0	5533.5	5014.3	4686.4	4297.0	3846.1	3552.4	3163.0	3046.9
15°	7760.6	7234.6	6189.4	5280.8	4775.2	4235.5	3791.5	3347.4	2964.9	2555.0	2411.5
17.5°	8136.3	7528.3	6182.5	5075.8	4365.3	3784.7	3169.8	2671.1	2281.7	1906.0	1817.2
20°	8771.7	7842.6	6380.6	4952.9	3975.9	3197.2	2500.3	2001.6	1564.4	1318.5	1257.0
22.5°	9495.8	8375.4	6401.1	4624.9	3586.5	2609.6	1824.0	1318.5	1072.5	956.4	922.3
25°	10383.9	9229.4	6647.1	4358.5	3128.8	1981.1	1298.0	1011.1	867.6	799.3	785.6
27.5°	11114.9	9823.7	6913.5	4078.4	2678.0	1468.8	1017.9	826.6	751.5	683.2	676.3
30°	11873.2	10506.9	6988.6	3907.6	2288.6	1209.2	874.4	731.0	649.0	614.8	608.0
32.5°	12535.8	11251.5	7227.7	3627.5	1919.7	1065.7	792.5	655.8	601.2	546.5	539.7
35°	13389.8	11681.9	7343.9	3477.2	1783.0	963.2	724.1	601.2	519.2	485.0	471.4
37.5°	14305.2	12098.6	7419.0	3361.1	1666.9	901.8	683.2	567.0	491.9	444.0	430.4
40°	15159.1	12686.1	7309.7	3217.6	1578.1	826.6	655.8	526.0	457.7	409.9	389.4
42.5°	15815.0	13260.0	7275.6	3081.0	1482.4	799.3	621.7	505.5	430.4	375.7	368.9
45°	16183.9	13649.4	7036.5	2971.7	1407.3	813.0	608.0	478.2	409.9	362.1	334.7
47.5°	16095.1	13950.0	7097.9	2937.6	1304.8	758.3	601.2	457.7	375.7	334.7	314.2
50°	16586.9	14558.0	6995.5	2828.2	1229.7	683.2	655.8	457.7	368.9	321.1	300.6
52.5°	16668.9	15111.3	7214.1	2630.1	1113.5	628.5	649.0	450.9	355.2	307.4	280.1
55°	17352.1	15753.5	7637.6	2520.8	1017.9	546.5	594.3	437.2	321.1	280.1	266.4
57.5°	18281.1	17085.6	7910.9	2418.4	888.1	478.2	498.7	430.4	293.8	259.6	239.1
60°	19176.1	17618.5	7931.4	2233.9	765.1	430.4	389.4	430.4	273.3	232.3	211.8
62.5°	19845.6	17618.5	7794.8	2076.8	669.5	382.6	341.6	409.9	245.9	204.9	191.3
65°	19483.5	17147.1	7439.5	1947.0	608.0	334.7	293.8	314.2	218.6	177.6	164.0
67.5°	18834.5	15678.3	6653.9	1789.9	601.2	293.8	252.8	232.3	191.3	157.1	143.5
70°	17796.1	13697.2	5540.4	1612.2	587.5	266.4	225.4	198.1	170.8	136.6	123.0
72.5°	14339.4	11313.0	4549.8	1509.8	573.8	232.3	191.3	170.8	143.5	116.1	102.5
75°	9933.0	7227.7	3504.6	1291.2	560.2	211.8	177.6	150.3	123.0	95.6	88.8
77.5°	5957.1	4829.9	2261.2	970.1	368.9	170.8	150.3	116.1	102.5	82.0	75.1
80°	2787.3	2281.7	915.4	375.7	177.6	123.0	102.5	88.8	82.0	68.3	61.5
82.5°	1093.0	963.2	444.0	218.6	143.5	95.6	82.0	75.1	68.3	54.7	47.8
85°	587.5	519.2	211.8	150.3	102.5	68.3	68.3	61.5	54.7	47.8	41.0
87.5°	129.8	95.6	88.8	88.8	75.1	54.7	54.7	47.8	41.0	34.2	27.3
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°	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8
2.5°	8443.8	8546.2	8382.3	8484.7	8341.3	8450.6	8464.3	8361.8	8389.1	8525.7	8587.2
5°	7193.6	7125.3	6975.0	6927.2	6934.0	6845.2	6879.3	6927.2	7002.3	7043.3	7166.3
7.5°	5185.1	5342.2	5335.4	5451.6	5458.4	5444.7	5349.1	5144.1	5212.4	5157.8	5226.1
10°	3709.5	3777.8	3907.6	3982.8	4119.4	4044.3	3825.7	3743.7	3702.7	3695.9	3764.2
12.5°	2964.9	2800.9	2787.3	2814.6	2882.9	2794.1	2684.8	2589.1	2637.0	2732.6	2807.8
15°	2295.4	2158.8	1981.1	1953.8	1967.5	1926.5	1810.4	1687.4	1721.5	1817.2	1871.8
17.5°	1762.5	1605.4	1482.4	1400.5	1373.1	1229.7	1058.9	956.4	929.1	922.3	970.1
20°	1188.7	1161.4	1140.9	1038.4	1038.4	833.4	690.0	614.8	614.8	628.5	635.3
22.5°	888.1	853.9	860.8	840.3	785.6	621.7	546.5	526.0	526.0	539.7	539.7
25°	772.0	724.1	710.5	703.6	649.0	532.9	478.2	457.7	457.7	471.4	471.4
27.5°	655.8	642.2	621.7	594.3	546.5	457.7	423.6	403.1	409.9	416.7	409.9
30°	601.2	567.0	539.7	539.7	485.0	409.9	382.6	368.9	355.2	368.9	375.7
32.5°	532.9	512.4	498.7	478.2	416.7	362.1	334.7	321.1	314.2	314.2	321.1
35°	457.7	457.7	444.0	416.7	362.1	327.9	293.8	280.1	273.3	280.1	280.1
37.5°	409.9	389.4	396.2	368.9	321.1	286.9	252.8	239.1	239.1	232.3	239.1
40°	382.6	348.4	327.9	314.2	286.9	245.9	218.6	204.9	198.1	198.1	198.1
42.5°	341.6	314.2	273.3	266.4	259.6	211.8	177.6	170.8	164.0	157.1	157.1
45°	321.1	280.1	245.9	211.8	211.8	177.6	150.3	136.6	129.8	123.0	129.8
47.5°	293.8	252.8	211.8	177.6	170.8	143.5	116.1	102.5	95.6	95.6	95.6
50°	280.1	225.4	184.5	150.3	129.8	116.1	88.8	75.1	68.3	68.3	68.3
52.5°	259.6	211.8	164.0	129.8	102.5	88.8	68.3	54.7	47.8	47.8	47.8
55°	232.3	191.3	143.5	109.3	88.8	68.3	47.8	34.2	27.3	27.3	27.3
57.5°	218.6	170.8	123.0	95.6	68.3	47.8	27.3	20.5	20.5	13.7	20.5
60°	198.1	150.3	102.5	75.1	54.7	34.2	20.5	6.8	6.8	6.8	6.8
62.5°	170.8	129.8	88.8	61.5	41.0	20.5	6.8	0.0	0.0	0.0	0.0
65°	143.5	102.5	68.3	47.8	27.3	6.8	0.0	0.0	0.0	0.0	0.0
67.5°	123.0	88.8	54.7	34.2	20.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	109.3	75.1	41.0	27.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	88.8	61.5	34.2	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	75.1	47.8	20.5	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	61.5	34.2	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	47.8	27.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	41.0	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	27.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	20.5	6.8	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

TEST NUMBER: P599478
 CATALOG NUMBER: IFLD-L-SA7B-735-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8	9618.8
2.5°	8676.0	8635.0	8840.0	9174.7	9345.5	9680.3	9762.2	9974.0	9919.4	9994.5
5°	7179.9	7261.9	7562.5	8054.4	8232.0	8717.0	9174.7	9632.4	9926.2	10069.7
7.5°	5328.6	5601.8	5970.7	6421.6	6879.3	7514.7	8293.5	8826.3	9113.2	9420.7
10°	3969.1	4262.9	4686.4	5130.5	5875.1	6585.6	7364.4	8027.0	8273.0	8559.9
12.5°	3122.0	3579.7	4071.6	4549.8	4993.8	5670.2	6633.4	7596.7	7863.1	8081.7
15°	2172.4	2732.6	3436.3	4057.9	4679.6	5267.1	6264.5	7432.7	7794.8	8163.7
17.5°	1202.3	1646.4	2452.5	3327.0	4242.4	5144.1	6387.5	7733.3	8279.8	8539.4
20°	696.8	874.4	1448.3	2486.7	3695.9	4877.7	6449.0	8300.3	9024.4	9154.2
22.5°	573.8	635.3	819.8	1557.6	3026.4	4706.9	6763.2	9092.8	9830.6	10138.0
25°	491.9	539.7	635.3	935.9	2288.6	4344.8	6961.3	10083.3	10766.5	11101.2
27.5°	437.2	485.0	560.2	690.0	1557.6	3846.1	7289.2	10978.3	11661.4	12119.1
30°	382.6	423.6	498.7	587.5	1079.4	3286.0	7569.3	11634.1	12597.3	12740.8
32.5°	341.6	375.7	430.4	505.5	799.3	2493.5	7794.8	12310.4	13123.4	13437.6
35°	293.8	334.7	368.9	430.4	608.0	1878.7	7658.1	12836.4	13895.3	14271.0
37.5°	259.6	286.9	321.1	362.1	512.4	1468.8	7378.0	13464.9	14558.0	14906.4
40°	218.6	239.1	280.1	321.1	464.5	1134.0	7057.0	14223.2	15487.1	16101.9
42.5°	184.5	204.9	232.3	300.6	382.6	840.3	6408.0	14810.7	16238.5	16757.7
45°	143.5	170.8	211.8	300.6	307.4	621.7	5738.5	15248.0	16662.1	16921.7
47.5°	109.3	136.6	204.9	259.6	245.9	430.4	4946.0	15746.7	17099.3	17338.4
50°	82.0	109.3	232.3	225.4	204.9	327.9	4447.3	16095.1	17126.6	17256.4
52.5°	54.7	82.0	191.3	170.8	170.8	286.9	4310.7	16081.4	17194.9	16914.8
55°	41.0	61.5	109.3	123.0	150.3	252.8	4187.7	16593.8	17215.4	17413.5
57.5°	27.3	47.8	75.1	95.6	129.8	218.6	3935.0	17208.6	17850.8	17953.2
60°	13.7	34.2	54.7	75.1	109.3	191.3	3579.7	17659.5	18622.7	18732.0
62.5°	6.8	20.5	41.0	61.5	88.8	150.3	3210.8	16942.2	18288.0	18479.3
65°	0.0	13.7	27.3	41.0	54.7	109.3	2609.6	15295.8	16962.7	17666.3
67.5°	0.0	0.0	13.7	27.3	34.2	82.0	1967.5	13915.8	15739.8	16696.2
70°	0.0	0.0	6.8	6.8	20.5	61.5	1257.0	11524.8	14052.4	14578.5
72.5°	0.0	0.0	0.0	0.0	6.8	41.0	731.0	8559.9	11012.4	11989.3
75°	0.0	0.0	0.0	0.0	0.0	34.2	368.9	5506.2	7665.0	8976.6
77.5°	0.0	0.0	0.0	0.0	0.0	27.3	198.1	3552.4	5649.7	6749.5
80°	0.0	0.0	0.0	0.0	0.0	6.8	116.1	2063.1	3613.9	4379.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	47.8	1011.1	2158.8	2527.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	13.7	539.7	1079.4	1421.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5	75.1	143.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)