

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: P598955

Luminaire Tested: **IFLD-L-SA7A-735-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598955
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7A-735-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (112) 3500K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

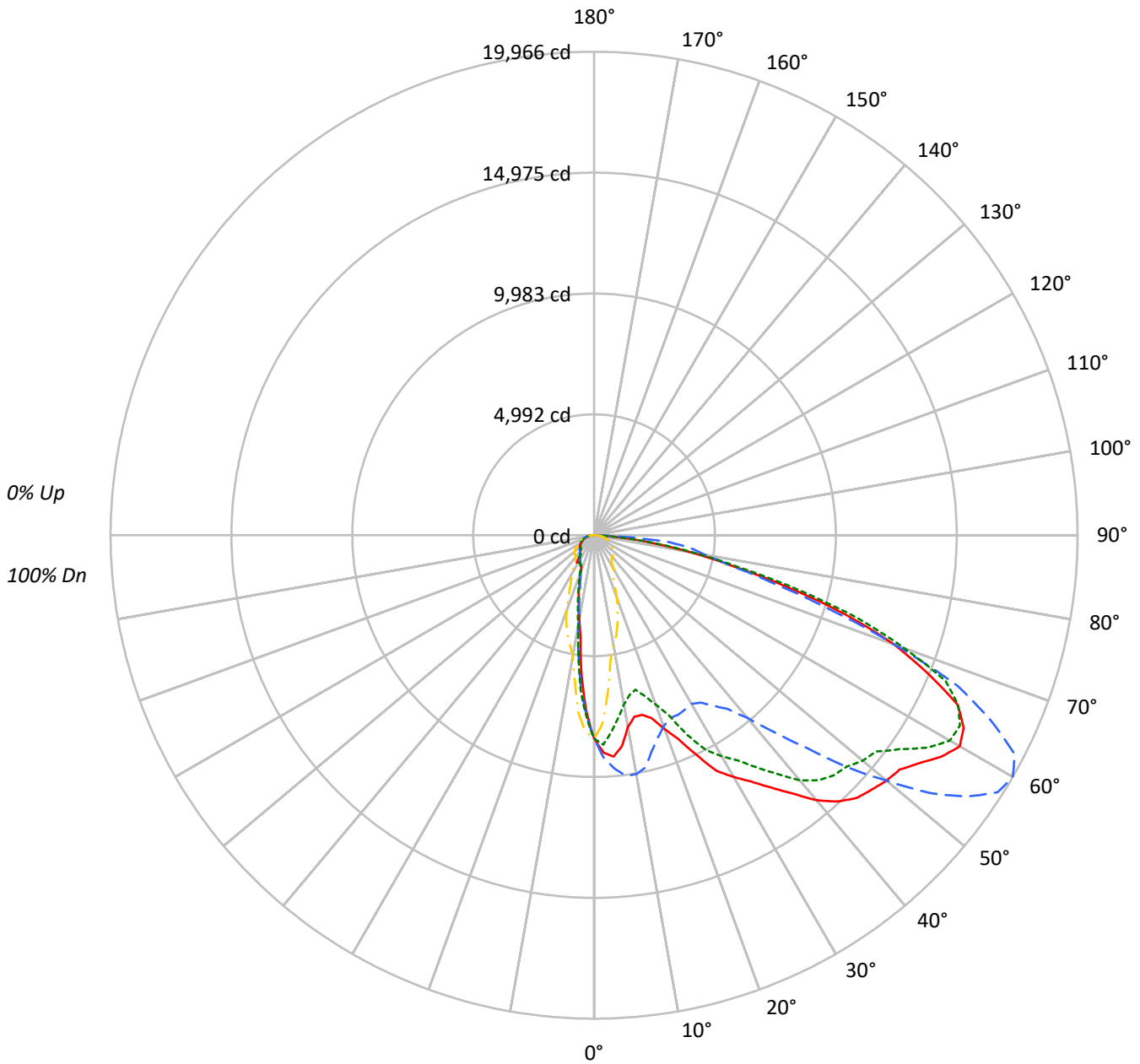
Lumens per Lamp: N/A
 Luminaire Lumens: 26259.6 lumens
 Efficiency: N/A
 Efficacy: 120.7 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 217.6
 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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	80	80	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	62	62	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	50	50	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	40	40	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	34	34	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	29	29	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	25	25	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	22	22	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	19	19	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	17	17	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	45140	45140	45140	45140
5°	49591	44053	31592	34487
10°	43926	38769	19162	20563
15°	42773	36801	13565	14084
20°	48770	42566	8873	9808
25°	59421	53956	7748	8024
30°	71596	65443	8035	7456
35°	83499	76841	6658	6276
40°	100337	92807	6220	5892
45°	116768	106661	6295	5852
50°	131963	121235	6437	6047
55°	153899	144499	6668	6339
60°	187704	182564	6646	6646
65°	210947	211244	6823	7120
70°	207316	214649	7149	7333
75°	171014	182399	7509	7993
80°	123475	129612	8303	8666
85°	68334	73373	9349	11510

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	651.6	2.5
10°-20°	1375.7	5.2
20°-30°	2012.8	7.7
30°-40°	2835.9	10.8
40°-50°	3897.4	14.8
50°-60°	5311.6	20.2
60°-70°	5813.3	22.1
70°-80°	3356.3	12.8
80°-90°	1005.1	3.8
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°	4040.0	15.4
0°-40°	6875.9	26.2
0°-60°	16084.9	61.3
0°-90°	26259.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	26259.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8387	8387	8387	8387	8387	
5°	9179	8154	5848	6384	9179	834
15°	7677	6605	2435	2528	7677	2243
25°	10006	9086	1305	1351	10006	4686
35°	12709	11695	1013	955	12709	8059
45°	15342	14014	827	769	15342	11791
55°	16402	15400	711	676	16402	14799
65°	16565	16588	536	559	16565	15854
75°	8224	8772	361	384	8224	8834
85°	1107	1188	151	186	1107	1535
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°	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2
2.5°	8981.3	8946.3	8981.3	9109.4	9144.3	9202.6	9202.6	9121.0	8969.6	8899.7	8783.2
5°	9179.3	9121.0	9412.3	9680.2	9889.9	9866.6	9668.5	9505.5	9202.6	8748.3	8317.3
7.5°	8783.2	8841.5	9051.1	9750.1	10239.3	10332.5	10018.0	9691.8	9039.5	8410.5	7828.0
10°	8037.7	8119.2	8573.5	9295.8	10064.6	10216.0	10018.0	9621.9	8841.5	8061.0	7385.4
12.5°	7676.6	7863.0	8130.9	9004.6	9552.0	9913.2	9820.0	9563.7	8690.0	7769.8	7117.4
15°	7676.6	7723.2	8119.2	8853.1	9167.6	9179.3	9214.2	9260.8	8736.6	7897.9	7024.2
17.5°	7921.2	8049.3	8387.2	8841.5	8899.7	8759.9	8759.9	8958.0	8829.8	8259.0	7362.1
20°	8515.3	8468.7	8911.4	9097.7	8783.2	8433.8	8398.8	8736.6	8934.7	8643.4	7979.5
22.5°	9109.4	9319.1	9680.2	9260.8	8678.4	8212.4	8165.8	8585.2	9249.2	9307.4	8690.0
25°	10006.4	10216.0	10402.4	9889.9	8666.7	8154.2	8189.1	8515.3	9633.6	10251.0	9878.2
27.5°	10973.2	11101.3	11369.3	10577.1	8946.3	8084.3	8119.2	8608.5	9994.7	10868.4	10810.1
30°	11520.7	11660.5	11602.2	10705.3	9132.7	8130.9	8037.7	8736.6	9796.7	10868.4	11415.9
32.5°	12056.5	11975.0	11940.1	10915.0	9365.7	8422.1	8189.1	9004.6	9913.2	11043.1	12196.3
35°	12708.9	12592.4	12499.2	11322.7	9750.1	8701.7	8596.8	9354.0	10169.4	11404.2	12825.4
37.5°	13431.1	13431.1	12976.8	11625.5	10204.4	9156.0	9039.5	9854.9	10577.1	11625.5	13687.4
40°	14281.5	14316.4	13512.7	12033.3	10716.9	9878.2	9843.3	10507.3	10973.2	11951.7	14514.5
42.5°	14910.5	14933.8	13978.6	12184.7	11311.0	10880.0	11031.5	11555.6	11427.5	12242.9	14572.7
45°	15341.5	15225.0	14304.8	12615.7	11963.4	12382.7	12429.3	12580.7	12021.6	12417.7	14805.7
47.5°	15551.2	15527.9	14444.6	13116.6	13337.9	13908.7	14176.6	13967.0	12569.1	12231.3	14805.7
50°	15760.9	15562.8	14572.7	13803.9	14677.5	15830.8	15772.5	15388.1	13326.3	12464.3	14584.3
52.5°	15900.7	15725.9	14829.0	14421.3	15958.9	17263.6	17496.6	16786.0	14211.6	12895.3	14689.2
55°	16401.6	16261.8	15597.8	15260.0	17438.3	18777.9	18812.9	17822.7	15143.5	13605.8	15376.5
57.5°	17007.3	17088.8	16657.8	16448.2	18568.2	19884.6	19756.4	18591.5	15935.6	14467.9	16168.6
60°	17438.3	17566.4	17461.6	17484.9	19127.4	20257.3	19966.1	19069.1	16518.1	15120.2	17135.4
62.5°	17205.3	17461.6	17892.6	17799.4	19150.7	19989.4	19581.7	18440.1	16587.9	15970.6	17869.3
65°	16564.6	16587.9	17426.7	17939.2	18102.3	18603.2	18067.3	17123.8	15865.7	16494.8	17764.5
67.5°	14922.2	15108.5	15865.7	16867.5	16180.2	16296.7	16250.1	14887.2	14770.7	16133.6	16960.7
70°	13174.8	13303.0	14130.0	15306.6	13664.1	13116.6	13221.4	12208.0	12685.6	15015.4	15341.5
72.5°	10891.7	10973.2	11916.8	12953.5	10961.6	9983.1	10227.7	9400.6	10076.2	13139.9	12941.9
75°	8224.1	8375.5	9109.4	10332.5	8072.6	7443.6	7688.2	7350.4	7979.5	10821.8	10041.3
77.5°	5847.7	5731.2	6639.8	8084.3	6069.0	5696.3	5719.6	5777.8	6453.5	9121.0	7210.6
80°	3983.9	4018.8	4834.3	5929.3	4764.4	4706.1	4647.9	5113.8	5416.7	7222.3	5242.0
82.5°	2364.7	2364.7	3261.7	4216.9	3762.6	4240.2	3972.3	4391.6	4240.2	5311.9	3436.4
85°	1106.6	1106.6	1677.4	3040.3	2912.2	3494.7	2970.5	3319.9	3133.5	3704.3	1549.3
87.5°	186.4	163.1	337.8	1491.1	1199.8	1362.9	535.8	1770.6	1968.7	2586.0	384.4
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°	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2
2.5°	8655.1	8573.5	8410.5	8200.8	8026.0	7804.7	7734.8	7583.4	7373.7	7350.4	7257.2
5°	8154.2	7874.6	7525.1	7094.1	6802.9	6500.1	6243.8	6092.3	5917.6	5894.3	5847.7
7.5°	7606.7	7257.2	6674.8	6162.2	5661.3	5183.7	4950.8	4659.5	4461.5	4310.1	4240.2
10°	7094.1	6768.0	6045.7	5346.8	4904.2	4589.6	4310.1	4007.2	3762.6	3576.2	3506.3
12.5°	6756.3	6371.9	5591.4	4927.5	4601.3	4240.2	3925.7	3599.5	3285.0	3040.3	2912.2
15°	6604.9	6243.8	5451.7	4717.8	4240.2	3739.3	3378.2	3052.0	2667.6	2492.9	2434.6
17.5°	6966.0	6430.2	5405.1	4473.2	3797.5	3226.7	2784.1	2434.6	2155.0	1980.3	1910.4
20°	7432.0	6768.0	5486.6	4181.9	3378.2	2737.5	2248.2	1875.5	1689.1	1560.9	1549.3
22.5°	8026.0	7268.9	5614.7	3972.3	2912.2	2201.6	1759.0	1537.6	1409.5	1397.9	1374.6
25°	9086.1	8177.5	5824.4	3692.7	2539.4	1817.2	1502.7	1374.6	1316.3	1281.4	1304.7
27.5°	9994.7	8771.6	5975.9	3517.9	2388.0	1712.4	1456.1	1316.3	1258.1	1246.4	1258.1
30°	10530.6	9319.1	5929.3	3191.8	2085.1	1630.8	1549.3	1502.7	1386.2	1293.0	1293.0
32.5°	11019.8	9668.5	5917.6	2900.6	1782.3	1362.9	1293.0	1258.1	1328.0	1374.6	1339.6
35°	11695.4	10216.0	5882.7	2737.5	1654.1	1258.1	1141.6	1048.4	1001.8	978.5	1013.4
37.5°	12417.7	10588.8	5789.5	2714.2	1584.2	1199.8	1106.6	1013.4	966.9	943.6	931.9
40°	13209.8	10984.9	5684.6	2597.7	1549.3	1164.9	1071.7	990.2	931.9	897.0	885.3
42.5°	13722.3	11299.4	5579.8	2539.4	1479.4	1141.6	1036.7	966.9	908.6	862.0	862.0
45°	14013.6	11672.1	5475.0	2481.2	1397.9	1153.2	1036.7	943.6	873.7	850.4	827.1
47.5°	14141.7	11951.7	5440.0	2388.0	1328.0	1106.6	1013.4	920.3	850.4	803.8	792.1
50°	14479.5	12545.8	5568.1	2318.1	1246.4	1060.0	1071.7	908.6	838.7	780.5	768.8
52.5°	14677.5	13023.4	5847.7	2213.3	1188.2	1001.8	1048.4	885.3	803.8	745.5	745.5
55°	15399.8	13815.5	6150.6	2131.7	1118.3	920.3	966.9	838.7	745.5	710.6	710.6
57.5°	16320.0	14654.2	6406.9	2096.8	1071.7	862.0	862.0	815.4	710.6	664.0	652.3
60°	16960.7	15341.5	6558.3	2073.5	1025.1	803.8	768.8	815.4	675.6	629.0	617.4
62.5°	17030.6	14945.5	6406.9	2061.8	1013.4	745.5	698.9	780.5	640.7	594.1	570.8
65°	16587.9	14141.7	5987.5	2015.2	1001.8	687.3	652.3	675.6	594.1	559.1	535.8
67.5°	15702.6	12837.0	5381.8	1992.0	990.2	640.7	594.1	582.4	547.5	512.5	489.3
70°	13640.8	11136.3	4671.2	1887.1	966.9	605.7	535.8	524.2	489.3	466.0	454.3
72.5°	11450.8	9109.4	3855.8	1747.3	920.3	547.5	489.3	466.0	454.3	419.4	407.7
75°	8771.6	7012.6	3086.9	1549.3	803.8	489.3	431.0	407.7	396.1	372.8	361.1
77.5°	6162.2	5218.7	2283.2	1258.1	675.6	442.7	384.4	361.1	349.5	314.5	314.5
80°	4181.9	3657.7	1549.3	873.7	524.2	361.1	337.8	314.5	291.2	267.9	267.9
82.5°	2597.7	2562.7	1118.3	570.8	384.4	291.2	267.9	267.9	233.0	209.7	209.7
85°	1188.2	1572.6	780.5	396.1	291.2	221.3	221.3	209.7	186.4	151.4	151.4
87.5°	372.8	524.2	407.7	174.7	163.1	128.1	128.1	116.5	116.5	93.2	93.2
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°	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2
2.5°	7350.4	7338.8	7338.8	7292.2	7408.7	7408.7	7478.6	7420.3	7455.3	7466.9	7560.1
5°	5836.1	5929.3	5999.2	6138.9	6220.5	6255.4	6255.4	6348.6	6313.7	6383.6	6523.3
7.5°	4275.1	4391.6	4601.3	4776.0	4915.8	4962.4	4950.8	4974.1	5009.0	4927.5	4950.8
10°	3459.7	3378.2	3448.1	3611.1	3739.3	3890.7	3774.2	3762.6	3797.5	3762.6	3832.5
12.5°	2888.9	2795.7	2737.5	2737.5	2830.7	2900.6	2865.6	2923.9	3052.0	3086.9	3168.5
15°	2341.4	2259.9	2213.3	2155.0	2248.2	2271.5	2306.5	2388.0	2481.2	2527.8	2621.0
17.5°	1875.5	1875.5	1875.5	1828.9	1863.8	1898.8	1910.4	2015.2	2026.9	2073.5	2108.4
20°	1537.6	1572.6	1630.8	1654.1	1689.1	1689.1	1665.8	1724.0	1677.4	1712.4	1735.7
22.5°	1386.2	1432.8	1456.1	1467.8	1514.3	1526.0	1467.8	1479.4	1491.1	1456.1	1467.8
25°	1304.7	1328.0	1304.7	1316.3	1328.0	1304.7	1316.3	1339.6	1328.0	1351.3	1339.6
27.5°	1269.7	1246.4	1234.8	1223.1	1223.1	1199.8	1211.5	1211.5	1234.8	1246.4	1246.4
30°	1269.7	1234.8	1188.2	1153.2	1153.2	1118.3	1141.6	1164.9	1176.5	1199.8	1199.8
32.5°	1304.7	1234.8	1153.2	1118.3	1083.3	1060.0	1083.3	1118.3	1164.9	1176.5	1188.2
35°	1036.7	1071.7	1060.0	1013.4	1001.8	1001.8	990.2	990.2	955.2	955.2	943.6
37.5°	931.9	920.3	943.6	955.2	966.9	931.9	931.9	885.3	873.7	885.3	885.3
40°	873.7	873.7	873.7	908.6	920.3	897.0	862.0	838.7	838.7	838.7	850.4
42.5°	850.4	827.1	815.4	838.7	873.7	850.4	815.4	803.8	803.8	815.4	815.4
45°	815.4	803.8	792.1	780.5	827.1	792.1	780.5	768.8	768.8	768.8	780.5
47.5°	780.5	768.8	745.5	745.5	757.2	745.5	733.9	733.9	733.9	757.2	757.2
50°	757.2	745.5	722.2	722.2	722.2	722.2	710.6	710.6	710.6	722.2	733.9
52.5°	722.2	710.6	698.9	687.3	687.3	687.3	687.3	687.3	687.3	698.9	710.6
55°	687.3	675.6	664.0	664.0	675.6	675.6	664.0	675.6	664.0	675.6	687.3
57.5°	652.3	640.7	629.0	640.7	652.3	640.7	640.7	640.7	640.7	640.7	652.3
60°	605.7	605.7	605.7	605.7	629.0	629.0	629.0	629.0	605.7	617.4	629.0
62.5°	582.4	570.8	570.8	582.4	594.1	594.1	605.7	594.1	582.4	594.1	594.1
65°	535.8	535.8	535.8	547.5	547.5	559.1	559.1	559.1	547.5	559.1	559.1
67.5°	500.9	500.9	500.9	500.9	524.2	524.2	524.2	524.2	512.5	512.5	524.2
70°	442.7	454.3	442.7	466.0	489.3	477.6	489.3	489.3	477.6	466.0	489.3
72.5°	407.7	407.7	407.7	407.7	442.7	442.7	442.7	454.3	442.7	431.0	442.7
75°	361.1	361.1	361.1	372.8	396.1	396.1	396.1	396.1	396.1	384.4	384.4
77.5°	314.5	326.2	314.5	326.2	349.5	337.8	349.5	361.1	349.5	337.8	337.8
80°	267.9	267.9	267.9	279.6	291.2	291.2	291.2	302.9	291.2	279.6	279.6
82.5°	209.7	209.7	221.3	221.3	233.0	233.0	233.0	244.6	233.0	221.3	221.3
85°	163.1	163.1	163.1	174.7	174.7	186.4	186.4	198.0	198.0	186.4	186.4
87.5°	104.8	93.2	104.8	104.8	116.5	116.5	104.8	93.2	104.8	93.2	81.5
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: P598955
 CATALOG NUMBER: IFLD-L-SA7A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2	8387.2
2.5°	7653.3	7863.0	8014.4	8119.2	8270.7	8561.9	8678.4	8888.1	8946.3	8981.3
5°	6581.6	6802.9	7129.1	7362.1	7630.0	8177.5	8596.8	8911.4	9051.1	9179.3
7.5°	5160.4	5451.7	5789.5	6092.3	6535.0	7210.6	7758.1	8410.5	8655.1	8783.2
10°	4030.5	4298.4	4671.2	5043.9	5661.3	6232.1	7012.6	7606.7	7944.5	8037.7
12.5°	3401.5	3716.0	4158.6	4612.9	4997.4	5649.7	6441.8	7303.8	7618.3	7676.6
15°	2888.9	3319.9	3774.2	4240.2	4682.8	5253.6	6104.0	7152.4	7618.3	7676.6
17.5°	2388.0	2772.4	3308.3	3809.2	4321.7	5102.2	6162.2	7280.5	7746.5	7921.2
20°	1898.8	2271.5	2690.9	3319.9	4018.8	4845.9	6290.4	7711.5	8328.9	8515.3
22.5°	1572.6	1735.7	2143.4	2749.1	3576.2	4671.2	6418.5	8387.2	9039.5	9109.4
25°	1374.6	1491.1	1747.3	2318.1	3226.7	4554.7	6721.4	9167.6	10006.4	10006.4
27.5°	1281.4	1328.0	1502.7	2015.2	2982.1	4449.9	7024.2	10029.7	10810.1	10973.2
30°	1258.1	1374.6	1467.8	1793.9	2714.2	4158.6	7303.8	10705.3	11509.1	11520.7
32.5°	1234.8	1211.5	1281.4	1560.9	2388.0	3855.8	7536.8	11392.6	12021.6	12056.5
35°	966.9	1013.4	1129.9	1374.6	2143.4	3634.4	7653.3	11765.3	12673.9	12708.9
37.5°	908.6	966.9	1060.0	1269.7	1980.3	3448.1	7688.2	12487.6	13361.2	13431.1
40°	885.3	931.9	1001.8	1176.5	1852.2	3215.1	7758.1	13233.1	14374.7	14281.5
42.5°	838.7	897.0	966.9	1129.9	1747.3	3040.3	7769.8	13640.8	14910.5	14910.5
45°	827.1	862.0	943.6	1129.9	1630.8	2888.9	7583.4	14048.5	15527.9	15341.5
47.5°	780.5	850.4	920.3	1095.0	1491.1	2737.5	7362.1	14258.2	15609.4	15551.2
50°	768.8	838.7	955.2	1036.7	1409.5	2667.6	7315.5	14782.4	15772.5	15760.9
52.5°	745.5	815.4	990.2	990.2	1304.7	2574.4	7536.8	15015.4	15807.5	15900.7
55°	710.6	815.4	920.3	908.6	1211.5	2457.9	7781.4	15621.1	16424.9	16401.6
57.5°	687.3	792.1	873.7	827.1	1106.6	2376.4	8142.5	16203.5	17170.4	17007.3
60°	652.3	792.1	780.5	768.8	1025.1	2306.5	8445.4	16320.0	17333.5	17438.3
62.5°	629.0	827.1	687.3	710.6	955.2	2271.5	8317.3	15446.4	17112.1	17205.3
65°	605.7	710.6	629.0	652.3	931.9	2201.6	7816.4	14398.0	16156.9	16564.6
67.5°	559.1	582.4	582.4	605.7	908.6	2038.5	6791.3	12510.9	14700.8	14922.2
70°	512.5	524.2	524.2	559.1	885.3	1852.2	5603.1	10821.8	12755.5	13174.8
72.5°	466.0	466.0	466.0	512.5	815.4	1700.7	4612.9	8317.3	10600.4	10891.7
75°	407.7	407.7	407.7	454.3	733.9	1549.3	3634.4	6185.5	7804.7	8224.1
77.5°	361.1	361.1	349.5	407.7	640.7	1258.1	2621.0	4368.3	5498.3	5847.7
80°	302.9	291.2	291.2	326.2	500.9	908.6	1689.1	3086.9	3832.5	3983.9
82.5°	244.6	233.0	221.3	244.6	361.1	570.8	1048.4	2155.0	2457.9	2364.7
85°	233.0	244.6	198.0	186.4	256.3	372.8	664.0	1328.0	1106.6	1106.6
87.5°	93.2	81.5	81.5	69.9	128.1	139.8	291.2	244.6	186.4	186.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)