

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: P599002

Luminaire Tested: **IFLD-S-SA3E-750-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599002
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3E-750-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (48) 5000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

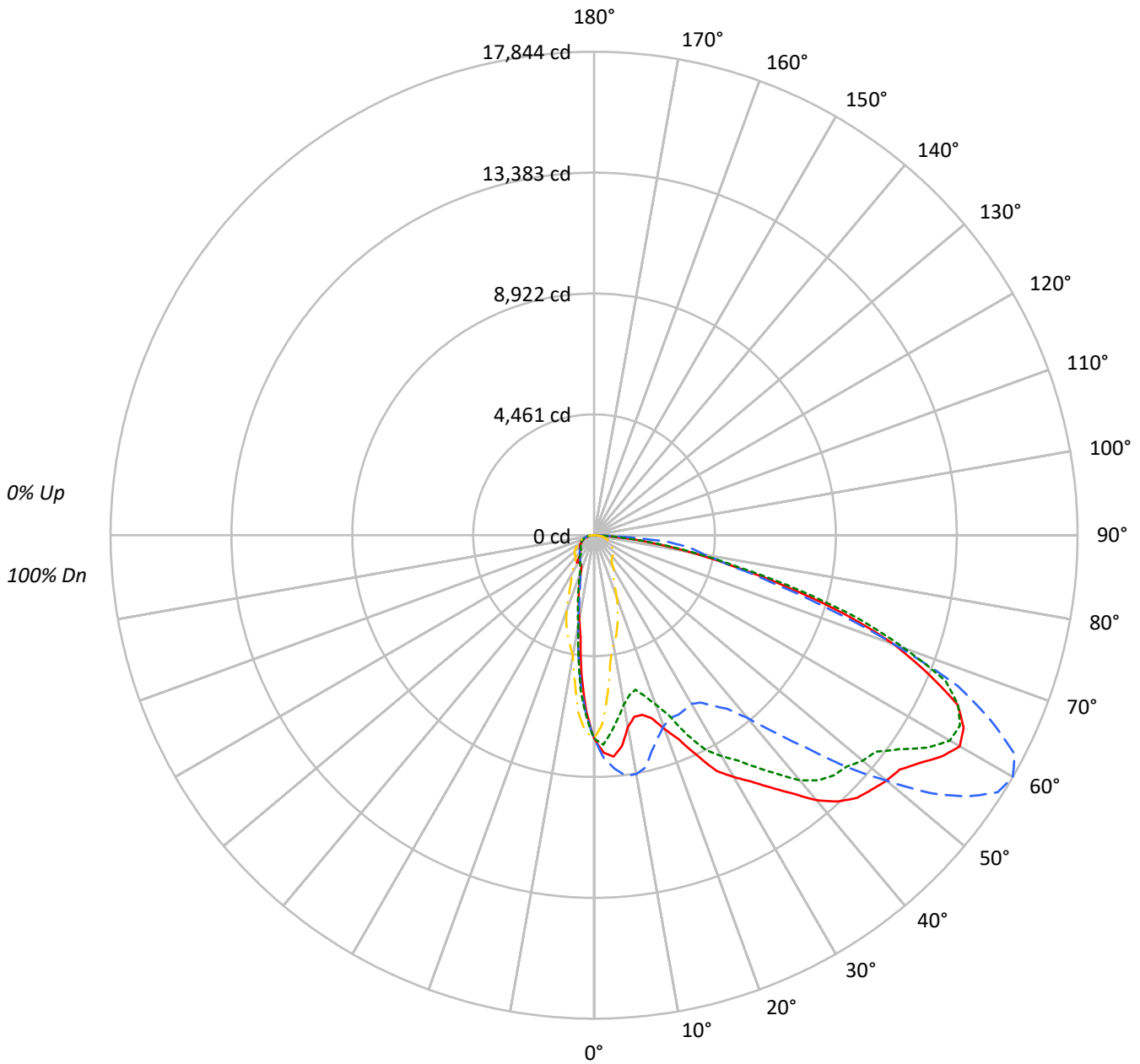
Lumens per Lamp: N/A
 Luminaire Lumens: 23469.0 lumens
 Efficiency: N/A
 Efficacy: 101.1 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 232.1
 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	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	107580	107580	107580	107580
5°	118190	104992	75294	82193
10°	104689	92399	45668	49006
15°	101939	87708	32330	33568
20°	116233	101446	21148	23374
25°	141617	128593	18464	19125
30°	170633	155969	19151	17770
35°	199002	183134	15870	14957
40°	239131	221186	14823	14044
45°	278291	254203	15003	13946
50°	314506	288937	15341	14412
55°	366784	344382	15891	15108
60°	447354	435100	15839	15839
65°	502749	503456	16263	16970
70°	494095	511568	17037	17473
75°	407574	434706	17894	19053
80°	294273	308901	19794	20654
85°	162858	174862	22280	27434

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	582.3	2.5
10°-20°	1229.5	5.2
20°-30°	1798.9	7.7
30°-40°	2534.5	10.8
40°-50°	3483.2	14.8
50°-60°	4747.2	20.2
60°-70°	5195.6	22.1
70°-80°	2999.6	12.8
80°-90°	898.3	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°	3610.7	15.4
0°-40°	6145.2	26.2
0°-60°	14375.6	61.3
0°-90°	23469.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23469.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7496	7496	7496	7496	7496	
5°	8204	7288	5226	5705	8204	745
15°	6861	5903	2176	2259	6861	2004
25°	8943	8120	1166	1208	8943	4188
35°	11358	10453	906	854	11358	7202
45°	13711	12524	739	687	13711	10538
55°	14659	13763	635	604	14659	13226
65°	14804	14825	479	500	14804	14169
75°	7350	7839	323	344	7350	7896
85°	989	1062	135	167	989	1372
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°	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9
2.5°	8026.8	7995.6	8026.8	8141.4	8172.6	8224.6	8224.6	8151.8	8016.4	7954.0	7849.9
5°	8203.8	8151.8	8412.0	8651.5	8838.9	8818.1	8641.1	8495.3	8224.6	7818.6	7433.4
7.5°	7849.9	7901.9	8089.3	8714.0	9151.2	9234.5	8953.4	8661.9	8078.9	7516.7	6996.2
10°	7183.6	7256.4	7662.5	8307.9	8995.1	9130.4	8953.4	8599.4	7901.9	7204.4	6600.5
12.5°	6860.8	7027.4	7266.8	8047.7	8537.0	8859.7	8776.4	8547.4	7766.6	6944.1	6361.1
15°	6860.8	6902.5	7256.4	7912.3	8193.4	8203.8	8235.1	8276.7	7808.2	7058.6	6277.8
17.5°	7079.4	7194.0	7495.9	7901.9	7954.0	7829.0	7829.0	8006.0	7891.5	7381.4	6579.7
20°	7610.4	7568.8	7964.4	8130.9	7849.9	7537.5	7506.3	7808.2	7985.2	7724.9	7131.5
22.5°	8141.4	8328.8	8651.5	8276.7	7756.2	7339.7	7298.1	7672.9	8266.3	8318.3	7766.6
25°	8943.0	9130.4	9297.0	8838.9	7745.7	7287.7	7318.9	7610.4	8609.8	9161.6	8828.5
27.5°	9807.1	9921.6	10161.1	9453.1	7995.6	7225.2	7256.4	7693.7	8932.6	9713.4	9661.4
30°	10296.4	10421.4	10369.3	9567.7	8162.2	7266.8	7183.6	7808.2	8755.6	9713.4	10202.7
32.5°	10775.3	10702.4	10671.2	9755.1	8370.4	7527.1	7318.9	8047.7	8859.7	9869.6	10900.3
35°	11358.3	11254.2	11170.9	10119.4	8714.0	7777.0	7683.3	8360.0	9088.8	10192.3	11462.4
37.5°	12003.8	12003.8	11597.8	10390.1	9120.0	8183.0	8078.9	8807.7	9453.1	10390.1	12232.9
40°	12763.8	12795.0	12076.7	10754.5	9578.1	8828.5	8797.2	9390.7	9807.1	10681.6	12972.0
42.5°	13326.0	13346.8	12493.1	10889.8	10109.0	9723.8	9859.2	10327.7	10213.1	10941.9	13024.1
45°	13711.2	13607.1	12784.6	11275.1	10692.0	11066.8	11108.5	11243.8	10744.1	11098.1	13232.3
47.5°	13898.6	13877.8	12909.6	11722.7	11920.5	12430.7	12670.1	12482.7	11233.4	10931.5	13232.3
50°	14086.0	13909.0	13024.1	12337.0	13117.8	14148.5	14096.4	13752.9	11910.1	11139.7	13034.5
52.5°	14210.9	14054.8	13253.1	12888.7	14263.0	15429.0	15637.2	15002.2	12701.3	11524.9	13128.2
55°	14658.6	14533.7	13940.3	13638.3	15585.2	16782.4	16813.7	15928.7	13534.2	12160.0	13742.4
57.5°	15200.0	15272.9	14887.6	14700.3	16595.0	17771.5	17657.0	16615.9	14242.2	12930.4	14450.4
60°	15585.2	15699.7	15606.0	15626.8	17094.8	18104.6	17844.4	17042.7	14762.7	13513.4	15314.5
62.5°	15377.0	15606.0	15991.2	15907.9	17115.6	17865.2	17500.8	16480.5	14825.2	14273.4	15970.4
65°	14804.4	14825.2	15574.8	16032.9	16178.6	16626.3	16147.4	15304.1	14179.7	14741.9	15876.7
67.5°	13336.4	13503.0	14179.7	15075.0	14460.8	14564.9	14523.3	13305.2	13201.1	14419.2	15158.3
70°	11774.8	11889.3	12628.5	13680.0	12212.0	11722.7	11816.4	10910.7	11337.5	13419.7	13711.2
72.5°	9734.2	9807.1	10650.4	11577.0	9796.7	8922.2	9140.8	8401.6	9005.5	11743.5	11566.6
75°	7350.1	7485.5	8141.4	9234.5	7214.8	6652.6	6871.2	6569.3	7131.5	9671.8	8974.2
77.5°	5226.3	5122.2	5934.2	7225.2	5424.1	5091.0	5111.8	5163.8	5767.7	8151.8	6444.4
80°	3560.5	3591.8	4320.5	5299.2	4258.1	4206.0	4154.0	4570.4	4841.1	6454.8	4684.9
82.5°	2113.4	2113.4	2915.1	3768.8	3362.7	3789.6	3550.1	3924.9	3789.6	4747.4	3071.2
85°	989.0	989.0	1499.2	2717.3	2602.7	3123.3	2654.8	2967.1	2800.5	3310.7	1384.7
87.5°	166.6	145.8	301.9	1332.6	1072.3	1218.1	478.9	1582.5	1759.4	2311.2	343.6
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°	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9
2.5°	7735.3	7662.5	7516.7	7329.3	7173.1	6975.3	6912.9	6777.5	6590.1	6569.3	6486.0
5°	7287.7	7037.8	6725.5	6340.3	6080.0	5809.3	5580.3	5444.9	5288.8	5267.9	5226.3
7.5°	6798.3	6486.0	5965.5	5507.4	5059.7	4632.9	4424.7	4164.4	3987.4	3852.0	3789.6
10°	6340.3	6048.8	5403.3	4778.6	4383.0	4101.9	3852.0	3581.4	3362.7	3196.2	3133.7
12.5°	6038.3	5694.8	4997.3	4403.8	4112.3	3789.6	3508.5	3217.0	2935.9	2717.3	2602.7
15°	5903.0	5580.3	4872.3	4216.4	3789.6	3341.9	3019.2	2727.7	2384.1	2227.9	2175.9
17.5°	6225.7	5746.8	4830.7	3997.8	3394.0	2883.8	2488.2	2175.9	1926.0	1769.9	1707.4
20°	6642.2	6048.8	4903.6	3737.5	3019.2	2446.6	2009.3	1676.2	1509.6	1395.1	1384.7
22.5°	7173.1	6496.4	5018.1	3550.1	2602.7	1967.7	1572.1	1374.2	1259.7	1249.3	1228.5
25°	8120.5	7308.5	5205.5	3300.3	2269.6	1624.1	1343.0	1228.5	1176.4	1145.2	1166.0
27.5°	8932.6	7839.4	5340.8	3144.1	2134.2	1530.4	1301.4	1176.4	1124.4	1114.0	1124.4
30°	9411.5	8328.8	5299.2	2852.6	1863.6	1457.5	1384.7	1343.0	1238.9	1155.6	1155.6
32.5°	9848.8	8641.1	5288.8	2592.3	1592.9	1218.1	1155.6	1124.4	1186.8	1228.5	1197.3
35°	10452.6	9130.4	5257.5	2446.6	1478.4	1124.4	1020.3	937.0	895.3	874.5	905.8
37.5°	11098.1	9463.5	5174.2	2425.7	1415.9	1072.3	989.0	905.8	864.1	843.3	832.9
40°	11806.0	9817.5	5080.5	2321.6	1384.7	1041.1	957.8	884.9	832.9	801.6	791.2
42.5°	12264.1	10098.6	4986.8	2269.6	1322.2	1020.3	926.6	864.1	812.1	770.4	770.4
45°	12524.4	10431.8	4893.1	2217.5	1249.3	1030.7	926.6	843.3	780.8	760.0	739.2
47.5°	12638.9	10681.6	4861.9	2134.2	1186.8	989.0	905.8	822.5	760.0	718.4	707.9
50°	12940.8	11212.6	4976.4	2071.8	1114.0	947.4	957.8	812.1	749.6	697.5	687.1
52.5°	13117.8	11639.4	5226.3	1978.1	1061.9	895.3	937.0	791.2	718.4	666.3	666.3
55°	13763.3	12347.4	5497.0	1905.2	999.5	822.5	864.1	749.6	666.3	635.1	635.1
57.5°	14585.7	13097.0	5726.0	1874.0	957.8	770.4	770.4	728.8	635.1	593.4	583.0
60°	15158.3	13711.2	5861.4	1853.1	916.2	718.4	687.1	728.8	603.8	562.2	551.8
62.5°	15220.8	13357.2	5726.0	1842.7	905.8	666.3	624.7	697.5	572.6	531.0	510.1
65°	14825.2	12638.9	5351.2	1801.1	895.3	614.2	583.0	603.8	531.0	499.7	478.9
67.5°	14034.0	11472.9	4809.9	1780.3	884.9	572.6	531.0	520.5	489.3	458.1	437.3
70°	12191.2	9952.9	4174.8	1686.6	864.1	541.4	478.9	468.5	437.3	416.4	406.0
72.5°	10234.0	8141.4	3446.0	1561.6	822.5	489.3	437.3	416.4	406.0	374.8	364.4
75°	7839.4	6267.4	2758.9	1384.7	718.4	437.3	385.2	364.4	354.0	333.2	322.7
77.5°	5507.4	4664.1	2040.5	1124.4	603.8	395.6	343.6	322.7	312.3	281.1	281.1
80°	3737.5	3269.0	1384.7	780.8	468.5	322.7	301.9	281.1	260.3	239.5	239.5
82.5°	2321.6	2290.4	999.5	510.1	343.6	260.3	239.5	239.5	208.2	187.4	187.4
85°	1061.9	1405.5	697.5	354.0	260.3	197.8	197.8	187.4	166.6	135.3	135.3
87.5°	333.2	468.5	364.4	156.2	145.8	114.5	114.5	104.1	104.1	83.3	83.3
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°	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9
2.5°	6569.3	6558.9	6558.9	6517.2	6621.4	6621.4	6683.8	6631.8	6663.0	6673.4	6756.7
5°	5215.9	5299.2	5361.6	5486.6	5559.4	5590.7	5590.7	5674.0	5642.7	5705.2	5830.1
7.5°	3820.8	3924.9	4112.3	4268.5	4393.4	4435.1	4424.7	4445.5	4476.7	4403.8	4424.7
10°	3092.0	3019.2	3081.6	3227.4	3341.9	3477.3	3373.1	3362.7	3394.0	3362.7	3425.2
12.5°	2581.9	2498.6	2446.6	2446.6	2529.9	2592.3	2561.1	2613.1	2727.7	2758.9	2831.8
15°	2092.6	2019.7	1978.1	1926.0	2009.3	2030.1	2061.4	2134.2	2217.5	2259.2	2342.5
17.5°	1676.2	1676.2	1676.2	1634.5	1665.8	1697.0	1707.4	1801.1	1811.5	1853.1	1884.4
20°	1374.2	1405.5	1457.5	1478.4	1509.6	1509.6	1488.8	1540.8	1499.2	1530.4	1551.2
22.5°	1238.9	1280.5	1301.4	1311.8	1353.4	1363.8	1311.8	1322.2	1332.6	1301.4	1311.8
25°	1166.0	1186.8	1166.0	1176.4	1186.8	1166.0	1176.4	1197.3	1186.8	1207.7	1197.3
27.5°	1134.8	1114.0	1103.6	1093.1	1093.1	1072.3	1082.7	1082.7	1103.6	1114.0	1114.0
30°	1134.8	1103.6	1061.9	1030.7	1030.7	999.5	1020.3	1041.1	1051.5	1072.3	1072.3
32.5°	1166.0	1103.6	1030.7	999.5	968.2	947.4	968.2	999.5	1041.1	1051.5	1061.9
35°	926.6	957.8	947.4	905.8	895.3	895.3	884.9	884.9	853.7	853.7	843.3
37.5°	832.9	822.5	843.3	853.7	864.1	832.9	832.9	791.2	780.8	791.2	791.2
40°	780.8	780.8	780.8	812.1	822.5	801.6	770.4	749.6	749.6	749.6	760.0
42.5°	760.0	739.2	728.8	749.6	780.8	760.0	728.8	718.4	718.4	728.8	728.8
45°	728.8	718.4	707.9	697.5	739.2	707.9	697.5	687.1	687.1	687.1	697.5
47.5°	697.5	687.1	666.3	666.3	676.7	666.3	655.9	655.9	655.9	676.7	676.7
50°	676.7	666.3	645.5	645.5	645.5	645.5	635.1	635.1	635.1	645.5	655.9
52.5°	645.5	635.1	624.7	614.2	614.2	614.2	614.2	614.2	614.2	624.7	635.1
55°	614.2	603.8	593.4	593.4	603.8	603.8	593.4	603.8	593.4	603.8	614.2
57.5°	583.0	572.6	562.2	572.6	583.0	572.6	572.6	572.6	572.6	572.6	583.0
60°	541.4	541.4	541.4	541.4	562.2	562.2	562.2	562.2	541.4	551.8	562.2
62.5°	520.5	510.1	510.1	520.5	531.0	531.0	541.4	531.0	520.5	531.0	531.0
65°	478.9	478.9	478.9	489.3	489.3	499.7	499.7	499.7	489.3	499.7	499.7
67.5°	447.7	447.7	447.7	447.7	468.5	468.5	468.5	468.5	458.1	458.1	468.5
70°	395.6	406.0	395.6	416.4	437.3	426.8	437.3	437.3	426.8	416.4	437.3
72.5°	364.4	364.4	364.4	364.4	395.6	395.6	395.6	406.0	395.6	385.2	395.6
75°	322.7	322.7	322.7	333.2	354.0	354.0	354.0	354.0	354.0	343.6	343.6
77.5°	281.1	291.5	281.1	291.5	312.3	301.9	312.3	322.7	312.3	301.9	301.9
80°	239.5	239.5	239.5	249.9	260.3	260.3	260.3	270.7	260.3	249.9	249.9
82.5°	187.4	187.4	197.8	197.8	208.2	208.2	208.2	218.6	208.2	197.8	197.8
85°	145.8	145.8	145.8	156.2	156.2	166.6	166.6	177.0	177.0	166.6	166.6
87.5°	93.7	83.3	93.7	93.7	104.1	104.1	93.7	83.3	93.7	83.3	72.9
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: P599002
 CATALOG NUMBER: IFLD-S-SA3E-750-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9	7495.9
2.5°	6840.0	7027.4	7162.7	7256.4	7391.8	7652.0	7756.2	7943.5	7995.6	8026.8
5°	5882.2	6080.0	6371.5	6579.7	6819.2	7308.5	7683.3	7964.4	8089.3	8203.8
7.5°	4612.0	4872.3	5174.2	5444.9	5840.5	6444.4	6933.7	7516.7	7735.3	7849.9
10°	3602.2	3841.6	4174.8	4507.9	5059.7	5569.9	6267.4	6798.3	7100.3	7183.6
12.5°	3040.0	3321.1	3716.7	4122.7	4466.3	5049.3	5757.3	6527.7	6808.8	6860.8
15°	2581.9	2967.1	3373.1	3789.6	4185.2	4695.3	5455.3	6392.3	6808.8	6860.8
17.5°	2134.2	2477.8	2956.7	3404.4	3862.5	4560.0	5507.4	6506.8	6923.3	7079.4
20°	1697.0	2030.1	2404.9	2967.1	3591.8	4331.0	5621.9	6892.0	7443.8	7610.4
22.5°	1405.5	1551.2	1915.6	2457.0	3196.2	4174.8	5736.4	7495.9	8078.9	8141.4
25°	1228.5	1332.6	1561.6	2071.8	2883.8	4070.7	6007.1	8193.4	8943.0	8943.0
27.5°	1145.2	1186.8	1343.0	1801.1	2665.2	3977.0	6277.8	8963.8	9661.4	9807.1
30°	1124.4	1228.5	1311.8	1603.3	2425.7	3716.7	6527.7	9567.7	10286.0	10296.4
32.5°	1103.6	1082.7	1145.2	1395.1	2134.2	3446.0	6735.9	10181.9	10744.1	10775.3
35°	864.1	905.8	1009.9	1228.5	1915.6	3248.2	6840.0	10515.1	11327.1	11358.3
37.5°	812.1	864.1	947.4	1134.8	1769.9	3081.6	6871.2	11160.5	11941.4	12003.8
40°	791.2	832.9	895.3	1051.5	1655.3	2873.4	6933.7	11826.8	12847.1	12763.8
42.5°	749.6	801.6	864.1	1009.9	1561.6	2717.3	6944.1	12191.2	13326.0	13326.0
45°	739.2	770.4	843.3	1009.9	1457.5	2581.9	6777.5	12555.6	13877.8	13711.2
47.5°	697.5	760.0	822.5	978.6	1332.6	2446.6	6579.7	12743.0	13950.7	13898.6
50°	687.1	749.6	853.7	926.6	1259.7	2384.1	6538.1	13211.5	14096.4	14086.0
52.5°	666.3	728.8	884.9	884.9	1166.0	2300.8	6735.9	13419.7	14127.6	14210.9
55°	635.1	728.8	822.5	812.1	1082.7	2196.7	6954.5	13961.1	14679.4	14658.6
57.5°	614.2	707.9	780.8	739.2	989.0	2123.8	7277.2	14481.6	15345.7	15200.0
60°	583.0	707.9	697.5	687.1	916.2	2061.4	7547.9	14585.7	15491.5	15585.2
62.5°	562.2	739.2	614.2	635.1	853.7	2030.1	7433.4	13804.9	15293.7	15377.0
65°	541.4	635.1	562.2	583.0	832.9	1967.7	6985.7	12867.9	14440.0	14804.4
67.5°	499.7	520.5	520.5	541.4	812.1	1821.9	6069.6	11181.4	13138.6	13336.4
70°	458.1	468.5	468.5	499.7	791.2	1655.3	5007.7	9671.8	11400.0	11774.8
72.5°	416.4	416.4	416.4	458.1	728.8	1520.0	4122.7	7433.4	9474.0	9734.2
75°	364.4	364.4	364.4	406.0	655.9	1384.7	3248.2	5528.2	6975.3	7350.1
77.5°	322.7	322.7	312.3	364.4	572.6	1124.4	2342.5	3904.1	4914.0	5226.3
80°	270.7	260.3	260.3	291.5	447.7	812.1	1509.6	2758.9	3425.2	3560.5
82.5°	218.6	208.2	197.8	218.6	322.7	510.1	937.0	1926.0	2196.7	2113.4
85°	208.2	218.6	177.0	166.6	229.0	333.2	593.4	1186.8	989.0	989.0
87.5°	83.3	72.9	72.9	62.5	114.5	124.9	260.3	218.6	166.6	166.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)