

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: P599026

Luminaire Tested: **IFLD-S-SA2E-760-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599026
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2E-760-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 5700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

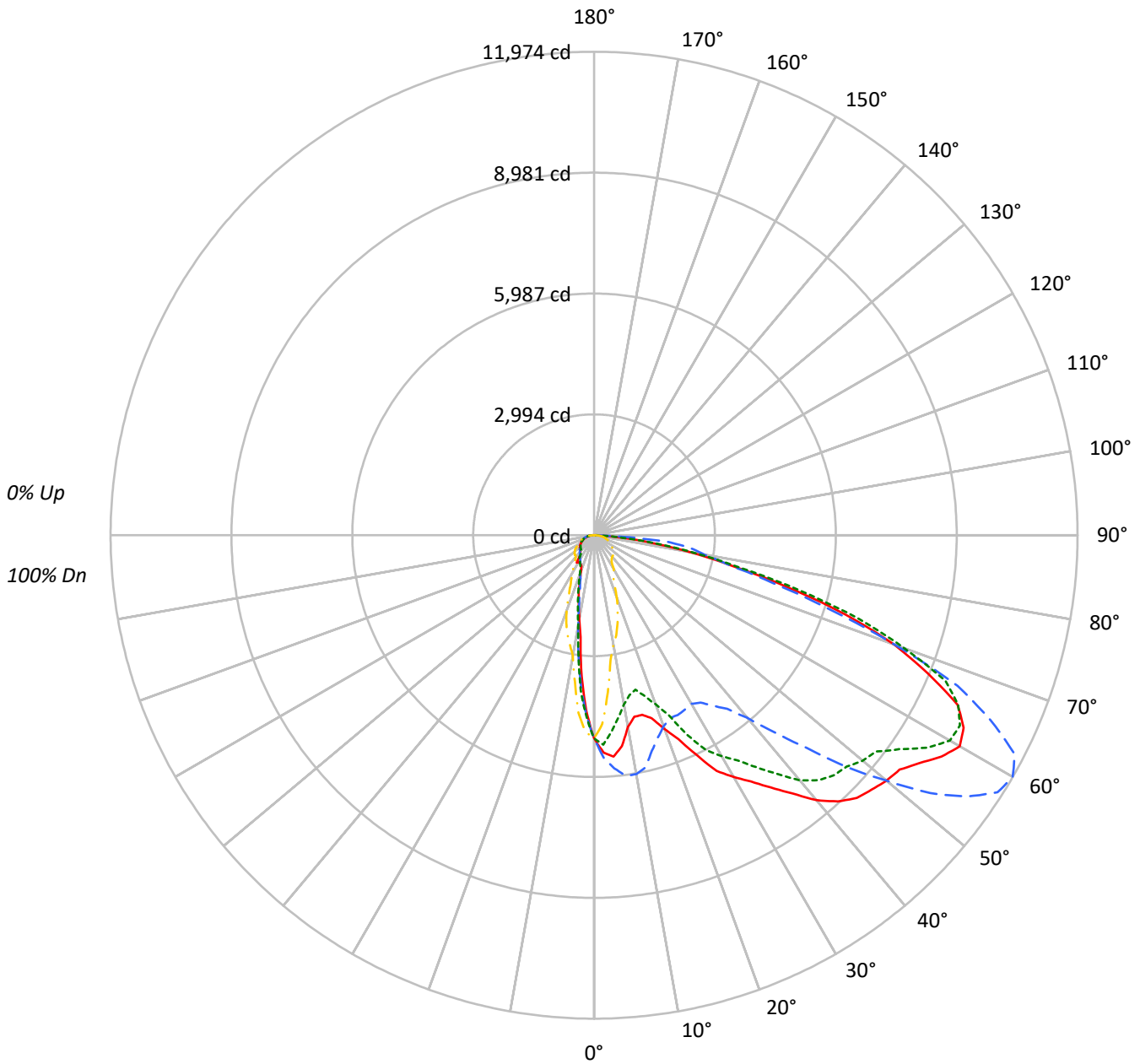
Lumens per Lamp: N/A
 Luminaire Lumens: 15747.9 lumens
 Efficiency: N/A
 Efficacy: 100.8 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 156.2
 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	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°	108281	108281	108281	108281
5°	118959	105675	75784	82728
10°	105369	93001	45965	49325
15°	102604	88280	32539	33785
20°	116989	102107	21285	23526
25°	142539	129432	18585	19250
30°	171745	156984	19275	17885
35°	200300	184327	15973	15054
40°	240687	222626	14920	14136
45°	280103	255859	15101	14038
50°	316554	290819	15443	14505
55°	369175	346625	15993	15208
60°	450267	437936	15939	15939
65°	506025	506733	16367	17080
70°	497314	514900	17146	17586
75°	410230	437537	18016	19172
80°	296198	310914	19923	20790
85°	163937	176015	22428	27615

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	390.8	2.5
10°-20°	825.0	5.2
20°-30°	1207.1	7.7
30°-40°	1700.7	10.8
40°-50°	2337.3	14.8
50°-60°	3185.4	20.2
60°-70°	3486.3	22.1
70°-80°	2012.8	12.8
80°-90°	602.7	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°	2422.8	15.4
0°-40°	4123.5	26.2
0°-60°	9646.2	61.3
0°-90°	15747.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15747.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5030	5030	5030	5030	5030	
5°	5505	4890	3507	3828	5505	500
15°	4604	3961	1460	1516	4604	1345
25°	6001	5449	782	810	6001	2810
35°	7622	7014	608	573	7622	4833
45°	9200	8404	496	461	9200	7071
55°	9836	9235	426	405	9836	8875
65°	9934	9948	321	335	9934	9508
75°	4932	5260	217	230	4932	5298
85°	664	713	91	112	664	921
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°	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8
2.5°	5386.1	5365.1	5386.1	5462.9	5483.9	5518.8	5518.8	5469.9	5379.1	5337.2	5267.3
5°	5504.8	5469.9	5644.6	5805.2	5931.0	5917.0	5798.2	5700.4	5518.8	5246.4	4987.9
7.5°	5267.3	5302.3	5428.0	5847.1	6140.6	6196.4	6007.8	5812.2	5421.0	5043.8	4694.5
10°	4820.2	4869.1	5141.6	5574.7	6035.8	6126.6	6007.8	5770.3	5302.3	4834.2	4429.0
12.5°	4603.7	4715.4	4876.1	5400.1	5728.4	5944.9	5889.1	5735.4	5211.4	4659.6	4268.3
15°	4603.7	4631.6	4869.1	5309.2	5497.9	5504.8	5525.8	5553.7	5239.4	4736.4	4212.5
17.5°	4750.4	4827.2	5029.8	5302.3	5337.2	5253.4	5253.4	5372.1	5295.3	4953.0	4415.1
20°	5106.6	5078.7	5344.2	5455.9	5267.3	5057.7	5036.8	5239.4	5358.1	5183.5	4785.3
22.5°	5462.9	5588.7	5805.2	5553.7	5204.5	4925.0	4897.1	5148.6	5546.8	5581.7	5211.4
25°	6000.8	6126.6	6238.4	5931.0	5197.5	4890.1	4911.0	5106.6	5777.3	6147.5	5924.0
27.5°	6580.7	6657.5	6818.2	6343.1	5365.1	4848.2	4869.1	5162.5	5993.8	6517.8	6482.9
30°	6909.0	6992.8	6957.9	6420.0	5476.9	4876.1	4820.2	5239.4	5875.1	6517.8	6846.1
32.5°	7230.3	7181.4	7160.5	6545.7	5616.6	5050.8	4911.0	5400.1	5944.9	6622.6	7314.2
35°	7621.6	7551.7	7495.8	6790.2	5847.1	5218.4	5155.5	5609.6	6098.6	6839.1	7691.4
37.5°	8054.7	8054.7	7782.2	6971.9	6119.6	5490.9	5421.0	5910.0	6343.1	6971.9	8208.4
40°	8564.6	8585.6	8103.6	7216.4	6427.0	5924.0	5903.0	6301.2	6580.7	7167.5	8704.4
42.5°	8941.9	8955.8	8383.0	7307.2	6783.2	6524.8	6615.6	6930.0	6853.1	7342.1	8739.3
45°	9200.3	9130.5	8578.6	7565.7	7174.5	7425.9	7453.9	7544.7	7209.4	7446.9	8879.0
47.5°	9326.1	9312.1	8662.4	7866.1	7998.8	8341.1	8501.8	8376.0	7537.7	7335.1	8879.0
50°	9451.8	9333.1	8739.3	8278.2	8802.2	9493.8	9458.8	9228.3	7991.8	7474.8	8746.3
52.5°	9535.7	9430.9	8893.0	8648.5	9570.6	10353.0	10492.7	10066.6	8522.7	7733.3	8809.1
55°	9836.1	9752.2	9354.0	9151.4	10457.8	11261.2	11282.1	10688.3	9081.6	8159.5	9221.3
57.5°	10199.3	10248.2	9989.7	9864.0	11135.4	11924.8	11848.0	11149.4	9556.6	8676.4	9696.3
60°	10457.8	10534.6	10471.8	10485.7	11470.7	12148.4	11973.7	11435.8	9905.9	9067.6	10276.2
62.5°	10318.1	10471.8	10730.2	10674.4	11484.7	11987.7	11743.2	11058.6	9947.8	9577.6	10716.3
65°	9933.9	9947.8	10450.8	10758.2	10856.0	11156.4	10835.0	10269.2	9514.7	9891.9	10653.4
67.5°	8948.9	9060.6	9514.7	10115.5	9703.3	9773.2	9745.2	8927.9	8858.0	9675.4	10171.4
70°	7901.0	7977.8	8473.8	9179.4	8194.4	7866.1	7928.9	7321.2	7607.6	9004.7	9200.3
72.5°	6531.8	6580.7	7146.5	7768.3	6573.7	5986.9	6133.6	5637.6	6042.8	7880.0	7761.3
75°	4932.0	5022.8	5462.9	6196.4	4841.2	4464.0	4610.7	4408.1	4785.3	6489.8	6021.8
77.5°	3506.9	3437.0	3981.9	4848.2	3639.6	3416.1	3430.0	3465.0	3870.2	5469.9	4324.2
80°	2389.2	2410.1	2899.1	3555.8	2857.2	2822.3	2787.3	3066.8	3248.4	4331.2	3143.6
82.5°	1418.1	1418.1	1956.0	2528.9	2256.4	2542.8	2382.2	2633.7	2542.8	3185.5	2060.8
85°	663.7	663.7	1006.0	1823.3	1746.5	2095.8	1781.4	1991.0	1879.2	2221.5	929.1
87.5°	111.8	97.8	202.6	894.2	719.5	817.3	321.3	1061.8	1180.6	1550.9	230.5
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°	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8
2.5°	5190.5	5141.6	5043.8	4918.0	4813.2	4680.5	4638.6	4547.8	4422.0	4408.1	4352.2
5°	4890.1	4722.4	4512.9	4254.4	4079.7	3898.1	3744.4	3653.6	3548.8	3534.8	3506.9
7.5°	4561.8	4352.2	4002.9	3695.5	3395.1	3108.7	2969.0	2794.3	2675.6	2584.8	2542.8
10°	4254.4	4058.8	3625.7	3206.5	2941.0	2752.4	2584.8	2403.1	2256.4	2144.7	2102.7
12.5°	4051.8	3821.3	3353.2	2955.0	2759.4	2542.8	2354.2	2158.6	1970.0	1823.3	1746.5
15°	3961.0	3744.4	3269.4	2829.3	2542.8	2242.5	2025.9	1830.3	1599.8	1495.0	1460.0
17.5°	4177.5	3856.2	3241.4	2682.6	2277.4	1935.1	1669.6	1460.0	1292.4	1187.6	1145.7
20°	4457.0	4058.8	3290.3	2507.9	2025.9	1641.7	1348.3	1124.7	1012.9	936.1	929.1
22.5°	4813.2	4359.2	3367.2	2382.2	1746.5	1320.3	1054.9	922.1	845.3	838.3	824.3
25°	5449.0	4904.1	3492.9	2214.5	1522.9	1089.8	901.2	824.3	789.4	768.4	782.4
27.5°	5993.8	5260.3	3583.7	2109.7	1432.1	1026.9	873.2	789.4	754.5	747.5	754.5
30°	6315.2	5588.7	3555.8	1914.1	1250.5	978.0	929.1	901.2	831.3	775.4	775.4
32.5°	6608.6	5798.2	3548.8	1739.5	1068.8	817.3	775.4	754.5	796.4	824.3	803.4
35°	7013.8	6126.6	3527.8	1641.7	992.0	754.5	684.6	628.7	600.8	586.8	607.8
37.5°	7446.9	6350.1	3472.0	1627.7	950.1	719.5	663.7	607.8	579.8	565.9	558.9
40°	7921.9	6587.6	3409.1	1557.8	929.1	698.6	642.7	593.8	558.9	537.9	530.9
42.5°	8229.3	6776.3	3346.2	1522.9	887.2	684.6	621.7	579.8	544.9	517.0	517.0
45°	8404.0	6999.8	3283.3	1488.0	838.3	691.6	621.7	565.9	523.9	510.0	496.0
47.5°	8480.8	7167.5	3262.4	1432.1	796.4	663.7	607.8	551.9	510.0	482.0	475.0
50°	8683.4	7523.7	3339.2	1390.2	747.5	635.7	642.7	544.9	503.0	468.1	461.1
52.5°	8802.2	7810.2	3506.9	1327.3	712.6	600.8	628.7	530.9	482.0	447.1	447.1
55°	9235.3	8285.2	3688.5	1278.4	670.6	551.9	579.8	503.0	447.1	426.1	426.1
57.5°	9787.2	8788.2	3842.2	1257.5	642.7	517.0	517.0	489.0	426.1	398.2	391.2
60°	10171.4	9200.3	3933.0	1243.5	614.8	482.0	461.1	489.0	405.2	377.2	370.2
62.5°	10213.3	8962.8	3842.2	1236.5	607.8	447.1	419.2	468.1	384.2	356.3	342.3
65°	9947.8	8480.8	3590.7	1208.6	600.8	412.2	391.2	405.2	356.3	335.3	321.3
67.5°	9416.9	7698.4	3227.5	1194.6	593.8	384.2	356.3	349.3	328.3	307.4	293.4
70°	8180.4	6678.5	2801.3	1131.7	579.8	363.3	321.3	314.4	293.4	279.4	272.4
72.5°	6867.1	5462.9	2312.3	1047.9	551.9	328.3	293.4	279.4	272.4	251.5	244.5
75°	5260.3	4205.5	1851.2	929.1	482.0	293.4	258.5	244.5	237.5	223.5	216.6
77.5°	3695.5	3129.7	1369.2	754.5	405.2	265.5	230.5	216.6	209.6	188.6	188.6
80°	2507.9	2193.6	929.1	523.9	314.4	216.6	202.6	188.6	174.6	160.7	160.7
82.5°	1557.8	1536.9	670.6	342.3	230.5	174.6	160.7	160.7	139.7	125.7	125.7
85°	712.6	943.1	468.1	237.5	174.6	132.7	132.7	125.7	111.8	90.8	90.8
87.5°	223.5	314.4	244.5	104.8	97.8	76.8	76.8	69.9	69.9	55.9	55.9
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°	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8
2.5°	4408.1	4401.1	4401.1	4373.1	4443.0	4443.0	4484.9	4450.0	4470.9	4477.9	4533.8
5°	3499.9	3555.8	3597.7	3681.5	3730.4	3751.4	3751.4	3807.3	3786.3	3828.2	3912.1
7.5°	2563.8	2633.7	2759.4	2864.2	2948.0	2976.0	2969.0	2983.0	3003.9	2955.0	2969.0
10°	2074.8	2025.9	2067.8	2165.6	2242.5	2333.3	2263.4	2256.4	2277.4	2256.4	2298.3
12.5°	1732.5	1676.6	1641.7	1641.7	1697.6	1739.5	1718.5	1753.4	1830.3	1851.2	1900.1
15°	1404.2	1355.3	1327.3	1292.4	1348.3	1362.2	1383.2	1432.1	1488.0	1515.9	1571.8
17.5°	1124.7	1124.7	1124.7	1096.8	1117.7	1138.7	1145.7	1208.6	1215.5	1243.5	1264.4
20°	922.1	943.1	978.0	992.0	1012.9	1012.9	999.0	1033.9	1006.0	1026.9	1040.9
22.5°	831.3	859.3	873.2	880.2	908.2	915.1	880.2	887.2	894.2	873.2	880.2
25°	782.4	796.4	782.4	789.4	796.4	782.4	789.4	803.4	796.4	810.4	803.4
27.5°	761.5	747.5	740.5	733.5	733.5	719.5	726.5	726.5	740.5	747.5	747.5
30°	761.5	740.5	712.6	691.6	691.6	670.6	684.6	698.6	705.6	719.5	719.5
32.5°	782.4	740.5	691.6	670.6	649.7	635.7	649.7	670.6	698.6	705.6	712.6
35°	621.7	642.7	635.7	607.8	600.8	600.8	593.8	593.8	572.8	572.8	565.9
37.5°	558.9	551.9	565.9	572.8	579.8	558.9	558.9	530.9	523.9	530.9	530.9
40°	523.9	523.9	523.9	544.9	551.9	537.9	517.0	503.0	503.0	503.0	510.0
42.5°	510.0	496.0	489.0	503.0	523.9	510.0	489.0	482.0	482.0	489.0	489.0
45°	489.0	482.0	475.0	468.1	496.0	475.0	468.1	461.1	461.1	461.1	468.1
47.5°	468.1	461.1	447.1	447.1	454.1	447.1	440.1	440.1	440.1	454.1	454.1
50°	454.1	447.1	433.1	433.1	433.1	433.1	426.1	426.1	426.1	433.1	440.1
52.5°	433.1	426.1	419.2	412.2	412.2	412.2	412.2	412.2	412.2	419.2	426.1
55°	412.2	405.2	398.2	398.2	405.2	405.2	398.2	405.2	398.2	405.2	412.2
57.5°	391.2	384.2	377.2	384.2	391.2	384.2	384.2	384.2	384.2	384.2	391.2
60°	363.3	363.3	363.3	363.3	377.2	377.2	377.2	377.2	363.3	370.2	377.2
62.5°	349.3	342.3	342.3	349.3	356.3	356.3	363.3	356.3	349.3	356.3	356.3
65°	321.3	321.3	321.3	328.3	328.3	335.3	335.3	335.3	328.3	335.3	335.3
67.5°	300.4	300.4	300.4	300.4	314.4	314.4	314.4	314.4	307.4	307.4	314.4
70°	265.5	272.4	265.5	279.4	293.4	286.4	293.4	293.4	286.4	279.4	293.4
72.5°	244.5	244.5	244.5	244.5	265.5	265.5	265.5	272.4	265.5	258.5	265.5
75°	216.6	216.6	216.6	223.5	237.5	237.5	237.5	237.5	237.5	230.5	230.5
77.5°	188.6	195.6	188.6	195.6	209.6	202.6	209.6	216.6	209.6	202.6	202.6
80°	160.7	160.7	160.7	167.7	174.6	174.6	174.6	181.6	174.6	167.7	167.7
82.5°	125.7	125.7	132.7	132.7	139.7	139.7	139.7	146.7	139.7	132.7	132.7
85°	97.8	97.8	97.8	104.8	104.8	111.8	111.8	118.8	118.8	111.8	111.8
87.5°	62.9	55.9	62.9	62.9	69.9	69.9	62.9	55.9	62.9	55.9	48.9
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: P599026
 CATALOG NUMBER: IFLD-S-SA2E-760-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8	5029.8
2.5°	4589.7	4715.4	4806.3	4869.1	4959.9	5134.6	5204.5	5330.2	5365.1	5386.1
5°	3947.0	4079.7	4275.3	4415.1	4575.7	4904.1	5155.5	5344.2	5428.0	5504.8
7.5°	3094.7	3269.4	3472.0	3653.6	3919.1	4324.2	4652.6	5043.8	5190.5	5267.3
10°	2417.1	2577.8	2801.3	3024.9	3395.1	3737.4	4205.5	4561.8	4764.3	4820.2
12.5°	2039.9	2228.5	2493.9	2766.4	2996.9	3388.1	3863.2	4380.1	4568.7	4603.7
15°	1732.5	1991.0	2263.4	2542.8	2808.3	3150.6	3660.6	4289.3	4568.7	4603.7
17.5°	1432.1	1662.6	1984.0	2284.4	2591.7	3059.8	3695.5	4366.1	4645.6	4750.4
20°	1138.7	1362.2	1613.7	1991.0	2410.1	2906.1	3772.4	4624.6	4994.9	5106.6
22.5°	943.1	1040.9	1285.4	1648.7	2144.7	2801.3	3849.2	5029.8	5421.0	5462.9
25°	824.3	894.2	1047.9	1390.2	1935.1	2731.5	4030.8	5497.9	6000.8	6000.8
27.5°	768.4	796.4	901.2	1208.6	1788.4	2668.6	4212.5	6014.8	6482.9	6580.7
30°	754.5	824.3	880.2	1075.8	1627.7	2493.9	4380.1	6420.0	6902.0	6909.0
32.5°	740.5	726.5	768.4	936.1	1432.1	2312.3	4519.8	6832.2	7209.4	7230.3
35°	579.8	607.8	677.6	824.3	1285.4	2179.6	4589.7	7055.7	7600.6	7621.6
37.5°	544.9	579.8	635.7	761.5	1187.6	2067.8	4610.7	7488.8	8012.8	8054.7
40°	530.9	558.9	600.8	705.6	1110.7	1928.1	4652.6	7935.9	8620.5	8564.6
42.5°	503.0	537.9	579.8	677.6	1047.9	1823.3	4659.6	8180.4	8941.9	8941.9
45°	496.0	517.0	565.9	677.6	978.0	1732.5	4547.8	8424.9	9312.1	9200.3
47.5°	468.1	510.0	551.9	656.7	894.2	1641.7	4415.1	8550.7	9361.0	9326.1
50°	461.1	503.0	572.8	621.7	845.3	1599.8	4387.1	8865.0	9458.8	9451.8
52.5°	447.1	489.0	593.8	593.8	782.4	1543.9	4519.8	9004.7	9479.8	9535.7
55°	426.1	489.0	551.9	544.9	726.5	1474.0	4666.5	9368.0	9850.0	9836.1
57.5°	412.2	475.0	523.9	496.0	663.7	1425.1	4883.1	9717.3	10297.1	10199.3
60°	391.2	475.0	468.1	461.1	614.8	1383.2	5064.7	9787.2	10394.9	10457.8
62.5°	377.2	496.0	412.2	426.1	572.8	1362.2	4987.9	9263.2	10262.2	10318.1
65°	363.3	426.1	377.2	391.2	558.9	1320.3	4687.5	8634.5	9689.4	9933.9
67.5°	335.3	349.3	349.3	363.3	544.9	1222.5	4072.7	7502.8	8816.1	8948.9
70°	307.4	314.4	314.4	335.3	530.9	1110.7	3360.2	6489.8	7649.5	7901.0
72.5°	279.4	279.4	279.4	307.4	489.0	1019.9	2766.4	4987.9	6357.1	6531.8
75°	244.5	244.5	244.5	272.4	440.1	929.1	2179.6	3709.5	4680.5	4932.0
77.5°	216.6	216.6	209.6	244.5	384.2	754.5	1571.8	2619.7	3297.3	3506.9
80°	181.6	174.6	174.6	195.6	300.4	544.9	1012.9	1851.2	2298.3	2389.2
82.5°	146.7	139.7	132.7	146.7	216.6	342.3	628.7	1292.4	1474.0	1418.1
85°	139.7	146.7	118.8	111.8	153.7	223.5	398.2	796.4	663.7	663.7
87.5°	55.9	48.9	48.9	41.9	76.8	83.8	174.6	146.7	111.8	111.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)