

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: P598968

Luminaire Tested: **IFLD-S-SA2E-740-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598968
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2E-740-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

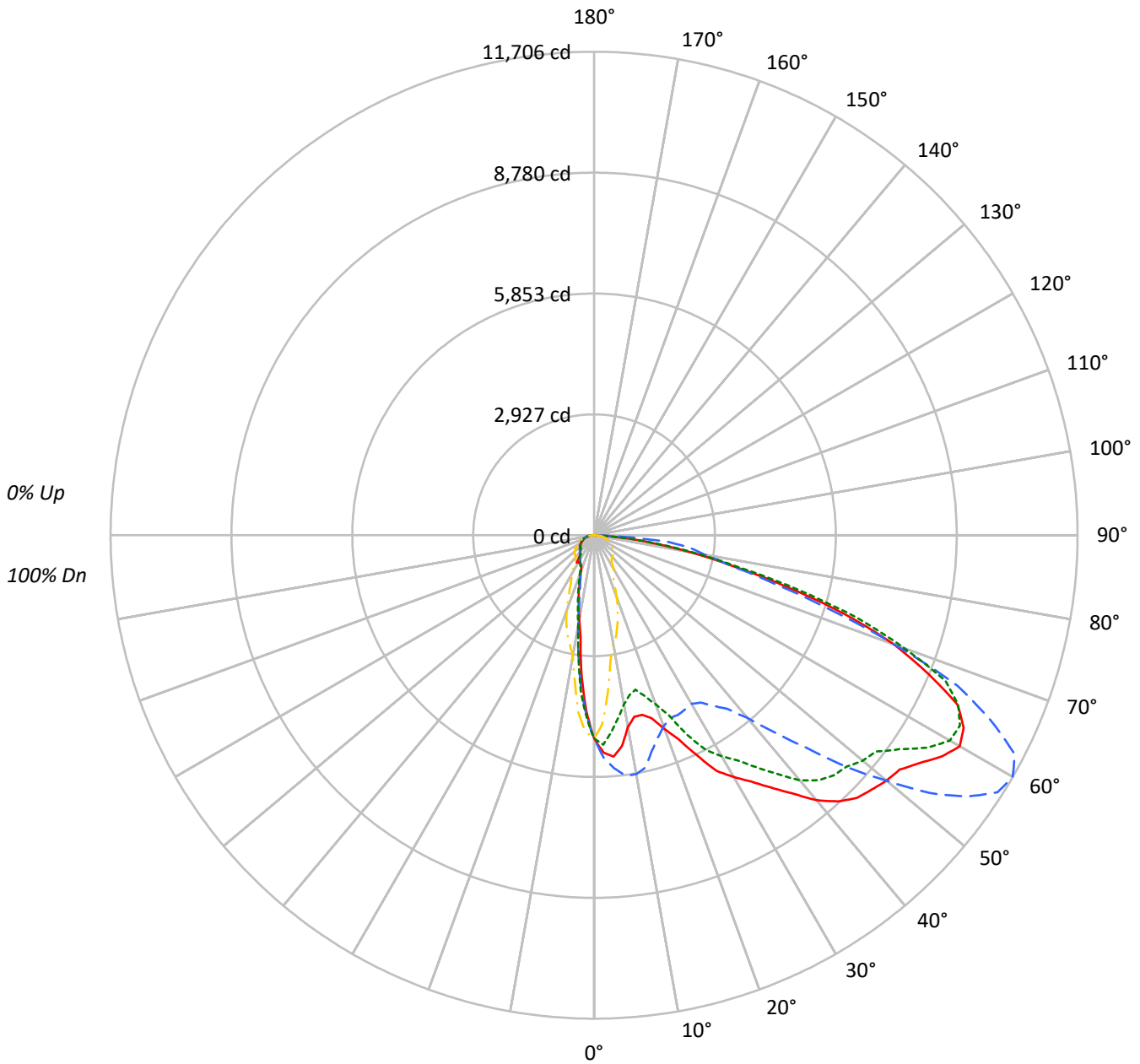
Lumens per Lamp: N/A
 Luminaire Lumens: 15395.4 lumens
 Efficiency: N/A
 Efficacy: 98.6 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

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°	105857	105857	105857	105857
5°	116297	103309	74088	80876
10°	103011	90918	44937	48221
15°	100306	86303	31813	33030
20°	114371	99821	20809	22999
25°	139349	126534	18169	18817
30°	167900	153470	18845	17485
35°	195814	180201	15616	14717
40°	235300	217643	14585	13818
45°	273834	250130	14763	13722
50°	309467	284308	15095	14180
55°	360910	338863	15636	14867
60°	440188	428133	15586	15586
65°	494696	495389	16005	16698
70°	486179	503375	16762	17196
75°	401047	427747	17609	18748
80°	289566	303959	19476	20319
85°	160256	172063	21934	26998

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	382.0	2.5
10°-20°	806.5	5.2
20°-30°	1180.0	7.7
30°-40°	1662.6	10.8
40°-50°	2284.9	14.8
50°-60°	3114.1	20.2
60°-70°	3408.2	22.1
70°-80°	1967.7	12.8
80°-90°	589.2	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°	2368.6	15.4
0°-40°	4031.2	26.2
0°-60°	9430.2	61.3
0°-90°	15395.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15395.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4917	4917	4917	4917	4917	
5°	5382	4781	3428	3742	5382	489
15°	4501	3872	1427	1482	4501	1315
25°	5866	5327	765	792	5866	2747
35°	7451	6857	594	560	7451	4725
45°	8994	8216	485	451	8994	6913
55°	9616	9028	417	396	9616	8676
65°	9712	9725	314	328	9712	9295
75°	4822	5143	212	225	4822	5179
85°	649	697	89	109	649	900
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°	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2
2.5°	5265.5	5245.0	5265.5	5340.6	5361.1	5395.3	5395.3	5347.5	5258.7	5217.7	5149.4
5°	5381.6	5347.5	5518.2	5675.3	5798.2	5784.5	5668.4	5572.8	5395.3	5128.9	4876.2
7.5°	5149.4	5183.5	5306.5	5716.2	6003.1	6057.7	5873.3	5682.1	5299.6	4930.9	4589.4
10°	4712.3	4760.1	5026.5	5449.9	5900.6	5989.4	5873.3	5641.1	5183.5	4726.0	4329.9
12.5°	4500.6	4609.9	4767.0	5279.2	5600.1	5811.9	5757.2	5607.0	5094.8	4555.2	4172.8
15°	4500.6	4527.9	4760.1	5190.4	5374.8	5381.6	5402.1	5429.4	5122.1	4630.4	4118.2
17.5°	4644.0	4719.1	4917.2	5183.5	5217.7	5135.7	5135.7	5251.8	5176.7	4842.1	4316.2
20°	4992.3	4965.0	5224.5	5333.8	5149.4	4944.5	4924.0	5122.1	5238.2	5067.4	4678.2
22.5°	5340.6	5463.6	5675.3	5429.4	5087.9	4814.8	4787.4	5033.3	5422.6	5456.7	5094.8
25°	5866.5	5989.4	6098.7	5798.2	5081.1	4780.6	4801.1	4992.3	5648.0	6009.9	5791.4
27.5°	6433.3	6508.5	6665.5	6201.1	5245.0	4739.6	4760.1	5047.0	5859.7	6371.9	6337.7
30°	6754.3	6836.3	6802.1	6276.3	5354.3	4767.0	4712.3	5122.1	5743.6	6371.9	6692.9
32.5°	7068.5	7020.7	7000.2	6399.2	5490.9	4937.7	4801.1	5279.2	5811.9	6474.3	7150.4
35°	7450.9	7382.6	7328.0	6638.2	5716.2	5101.6	5040.1	5484.0	5962.1	6686.0	7519.2
37.5°	7874.3	7874.3	7608.0	6815.8	5982.6	5367.9	5299.6	5777.7	6201.1	6815.8	8024.6
40°	8372.9	8393.4	7922.2	7054.8	6283.1	5791.4	5770.9	6160.2	6433.3	7007.0	8509.5
42.5°	8741.7	8755.3	8195.3	7143.6	6631.4	6378.7	6467.5	6774.8	6699.7	7177.7	8543.6
45°	8994.4	8926.1	8386.6	7396.3	7013.8	7259.7	7287.0	7375.8	7048.0	7280.2	8680.2
47.5°	9117.3	9103.6	8468.5	7690.0	7819.7	8154.4	8311.4	8188.5	7369.0	7170.9	8680.2
50°	9240.2	9124.1	8543.6	8092.9	8605.1	9281.2	9247.1	9021.7	7812.9	7307.5	8550.5
52.5°	9322.2	9219.8	8693.9	8454.9	9356.3	10121.2	10257.8	9841.2	8331.9	7560.2	8611.9
55°	9615.9	9533.9	9144.6	8946.6	10223.7	11009.1	11029.6	10449.1	8878.3	7976.8	9014.9
57.5°	9971.0	10018.8	9766.1	9643.2	10886.1	11657.9	11582.7	10899.8	9342.7	8482.2	9479.3
60°	10223.7	10298.8	10237.3	10251.0	11213.9	11876.4	11705.7	11179.8	9684.2	8864.6	10046.1
62.5°	10087.1	10237.3	10490.0	10435.4	11227.6	11719.3	11480.3	10811.0	9725.1	9363.2	10476.4
65°	9711.5	9725.1	10216.8	10517.3	10613.0	10906.6	10592.5	10039.3	9301.7	9670.5	10414.9
67.5°	8748.5	8857.8	9301.7	9889.0	9486.1	9554.4	9527.1	8728.0	8659.7	9458.8	9943.7
70°	7724.1	7799.2	8284.1	8973.9	8010.9	7690.0	7751.4	7157.3	7437.3	8803.2	8994.4
72.5°	6385.5	6433.3	6986.5	7594.3	6426.5	5852.8	5996.3	5511.4	5907.5	7703.6	7587.5
75°	4821.6	4910.4	5340.6	6057.7	4732.8	4364.0	4507.4	4309.4	4678.2	6344.6	5887.0
77.5°	3428.4	3360.1	3892.8	4739.6	3558.1	3339.6	3353.3	3387.4	3783.5	5347.5	4227.4
80°	2335.7	2356.2	2834.2	3476.2	2793.2	2759.1	2724.9	2998.1	3175.7	4234.3	3073.3
82.5°	1386.4	1386.4	1912.2	2472.3	2205.9	2485.9	2328.8	2574.7	2485.9	3114.2	2014.7
85°	648.8	648.8	983.4	1782.5	1707.4	2048.8	1741.5	1946.4	1837.1	2171.8	908.3
87.5°	109.3	95.6	198.1	874.2	703.4	799.0	314.2	1038.1	1154.2	1516.1	225.4
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°	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2
2.5°	5074.3	5026.5	4930.9	4807.9	4705.5	4575.7	4534.8	4446.0	4323.0	4309.4	4254.7
5°	4780.6	4616.7	4411.8	4159.1	3988.4	3810.8	3660.6	3571.8	3469.4	3455.7	3428.4
7.5°	4459.6	4254.7	3913.3	3612.8	3319.1	3039.1	2902.5	2731.8	2615.7	2526.9	2485.9
10°	4159.1	3967.9	3544.5	3134.7	2875.2	2690.8	2526.9	2349.3	2205.9	2096.6	2055.7
12.5°	3961.1	3735.7	3278.1	2888.9	2697.6	2485.9	2301.5	2110.3	1925.9	1782.5	1707.4
15°	3872.3	3660.6	3196.2	2765.9	2485.9	2192.3	1980.5	1789.3	1563.9	1461.5	1427.4
17.5°	4084.0	3769.9	3168.9	2622.5	2226.4	1891.8	1632.2	1427.4	1263.4	1161.0	1120.0
20°	4357.2	3967.9	3216.7	2451.8	1980.5	1604.9	1318.1	1099.5	990.3	915.1	908.3
22.5°	4705.5	4261.6	3291.8	2328.8	1707.4	1290.8	1031.2	901.5	826.4	819.5	805.9
25°	5327.0	4794.3	3414.7	2164.9	1488.8	1065.4	881.0	805.9	771.7	751.2	764.9
27.5°	5859.7	5142.6	3503.5	2062.5	1400.0	1003.9	853.7	771.7	737.6	730.8	737.6
30°	6173.8	5463.6	3476.2	1871.3	1222.5	956.1	908.3	881.0	812.7	758.1	758.1
32.5°	6460.7	5668.4	3469.4	1700.5	1044.9	799.0	758.1	737.6	778.6	805.9	785.4
35°	6856.8	5989.4	3448.9	1604.9	969.8	737.6	669.3	614.7	587.3	573.7	594.2
37.5°	7280.2	6208.0	3394.2	1591.3	928.8	703.4	648.8	594.2	566.8	553.2	546.4
40°	7744.6	6440.2	3332.8	1523.0	908.3	682.9	628.3	580.5	546.4	525.9	519.0
42.5°	8045.1	6624.6	3271.3	1488.8	867.3	669.3	607.8	566.8	532.7	505.4	505.4
45°	8215.8	6843.1	3209.8	1454.7	819.5	676.1	607.8	553.2	512.2	498.5	484.9
47.5°	8290.9	7007.0	3189.4	1400.0	778.6	648.8	594.2	539.5	498.5	471.2	464.4
50°	8489.0	7355.3	3264.5	1359.1	730.8	621.5	628.3	532.7	491.7	457.6	450.7
52.5°	8605.1	7635.3	3428.4	1297.6	696.6	587.3	614.7	519.0	471.2	437.1	437.1
55°	9028.5	8099.7	3605.9	1249.8	655.6	539.5	566.8	491.7	437.1	416.6	416.6
57.5°	9568.1	8591.4	3756.2	1229.3	628.3	505.4	505.4	478.1	416.6	389.3	382.4
60°	9943.7	8994.4	3845.0	1215.6	601.0	471.2	450.7	478.1	396.1	368.8	362.0
62.5°	9984.6	8762.2	3756.2	1208.8	594.2	437.1	409.8	457.6	375.6	348.3	334.6
65°	9725.1	8290.9	3510.3	1181.5	587.3	402.9	382.4	396.1	348.3	327.8	314.2
67.5°	9206.1	7526.0	3155.2	1167.8	580.5	375.6	348.3	341.5	321.0	300.5	286.8
70°	7997.3	6528.9	2738.6	1106.4	566.8	355.1	314.2	307.3	286.8	273.2	266.3
72.5°	6713.3	5340.6	2260.5	1024.4	539.5	321.0	286.8	273.2	266.3	245.9	239.0
75°	5142.6	4111.3	1809.8	908.3	471.2	286.8	252.7	239.0	232.2	218.5	211.7
77.5°	3612.8	3059.6	1338.6	737.6	396.1	259.5	225.4	211.7	204.9	184.4	184.4
80°	2451.8	2144.4	908.3	512.2	307.3	211.7	198.1	184.4	170.7	157.1	157.1
82.5°	1523.0	1502.5	655.6	334.6	225.4	170.7	157.1	157.1	136.6	122.9	122.9
85°	696.6	922.0	457.6	232.2	170.7	129.8	129.8	122.9	109.3	88.8	88.8
87.5°	218.5	307.3	239.0	102.4	95.6	75.1	75.1	68.3	68.3	54.6	54.6
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2
2.5°	4309.4	4302.6	4302.6	4275.2	4343.5	4343.5	4384.5	4350.4	4370.8	4377.7	4432.3
5°	3421.6	3476.2	3517.2	3599.1	3646.9	3667.4	3667.4	3722.0	3701.6	3742.5	3824.5
7.5°	2506.4	2574.7	2697.6	2800.1	2882.0	2909.3	2902.5	2916.2	2936.7	2888.9	2902.5
10°	2028.3	1980.5	2021.5	2117.1	2192.3	2281.0	2212.7	2205.9	2226.4	2205.9	2246.9
12.5°	1693.7	1639.1	1604.9	1604.9	1659.6	1700.5	1680.0	1714.2	1789.3	1809.8	1857.6
15°	1372.7	1324.9	1297.6	1263.4	1318.1	1331.7	1352.2	1400.0	1454.7	1482.0	1536.6
17.5°	1099.5	1099.5	1099.5	1072.2	1092.7	1113.2	1120.0	1181.5	1188.3	1215.6	1236.1
20°	901.5	922.0	956.1	969.8	990.3	990.3	976.6	1010.8	983.4	1003.9	1017.6
22.5°	812.7	840.0	853.7	860.5	887.8	894.7	860.5	867.3	874.2	853.7	860.5
25°	764.9	778.6	764.9	771.7	778.6	764.9	771.7	785.4	778.6	792.2	785.4
27.5°	744.4	730.8	723.9	717.1	717.1	703.4	710.3	710.3	723.9	730.8	730.8
30°	744.4	723.9	696.6	676.1	676.1	655.6	669.3	682.9	689.8	703.4	703.4
32.5°	764.9	723.9	676.1	655.6	635.1	621.5	635.1	655.6	682.9	689.8	696.6
35°	607.8	628.3	621.5	594.2	587.3	587.3	580.5	580.5	560.0	560.0	553.2
37.5°	546.4	539.5	553.2	560.0	566.8	546.4	546.4	519.0	512.2	519.0	519.0
40°	512.2	512.2	512.2	532.7	539.5	525.9	505.4	491.7	491.7	491.7	498.5
42.5°	498.5	484.9	478.1	491.7	512.2	498.5	478.1	471.2	471.2	478.1	478.1
45°	478.1	471.2	464.4	457.6	484.9	464.4	457.6	450.7	450.7	450.7	457.6
47.5°	457.6	450.7	437.1	437.1	443.9	437.1	430.3	430.3	430.3	443.9	443.9
50°	443.9	437.1	423.4	423.4	423.4	423.4	416.6	416.6	416.6	423.4	430.3
52.5°	423.4	416.6	409.8	402.9	402.9	402.9	402.9	402.9	402.9	409.8	416.6
55°	402.9	396.1	389.3	389.3	396.1	396.1	389.3	396.1	389.3	396.1	402.9
57.5°	382.4	375.6	368.8	375.6	382.4	375.6	375.6	375.6	375.6	375.6	382.4
60°	355.1	355.1	355.1	355.1	368.8	368.8	368.8	368.8	355.1	362.0	368.8
62.5°	341.5	334.6	334.6	341.5	348.3	348.3	355.1	348.3	341.5	348.3	348.3
65°	314.2	314.2	314.2	321.0	321.0	327.8	327.8	327.8	321.0	327.8	327.8
67.5°	293.7	293.7	293.7	293.7	307.3	307.3	307.3	307.3	300.5	300.5	307.3
70°	259.5	266.3	259.5	273.2	286.8	280.0	286.8	286.8	280.0	273.2	286.8
72.5°	239.0	239.0	239.0	239.0	259.5	259.5	259.5	266.3	259.5	252.7	259.5
75°	211.7	211.7	211.7	218.5	232.2	232.2	232.2	232.2	232.2	225.4	225.4
77.5°	184.4	191.2	184.4	191.2	204.9	198.1	204.9	211.7	204.9	198.1	198.1
80°	157.1	157.1	157.1	163.9	170.7	170.7	170.7	177.6	170.7	163.9	163.9
82.5°	122.9	122.9	129.8	129.8	136.6	136.6	136.6	143.4	136.6	129.8	129.8
85°	95.6	95.6	95.6	102.4	102.4	109.3	109.3	116.1	116.1	109.3	109.3
87.5°	61.5	54.6	61.5	61.5	68.3	68.3	61.5	54.6	61.5	54.6	47.8
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: P598968
 CATALOG NUMBER: IFLD-S-SA2E-740-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2	4917.2
2.5°	4486.9	4609.9	4698.7	4760.1	4848.9	5019.6	5087.9	5210.9	5245.0	5265.5
5°	3858.6	3988.4	4179.6	4316.2	4473.3	4794.3	5040.1	5224.5	5306.5	5381.6
7.5°	3025.4	3196.2	3394.2	3571.8	3831.3	4227.4	4548.4	4930.9	5074.3	5149.4
10°	2363.0	2520.1	2738.6	2957.1	3319.1	3653.8	4111.3	4459.6	4657.7	4712.3
12.5°	1994.2	2178.6	2438.1	2704.5	2929.8	3312.3	3776.7	4282.1	4466.5	4500.6
15°	1693.7	1946.4	2212.7	2485.9	2745.4	3080.1	3578.6	4193.3	4466.5	4500.6
17.5°	1400.0	1625.4	1939.6	2233.2	2533.7	2991.3	3612.8	4268.4	4541.6	4644.0
20°	1113.2	1331.7	1577.6	1946.4	2356.2	2841.0	3687.9	4521.1	4883.1	4992.3
22.5°	922.0	1017.6	1256.6	1611.7	2096.6	2738.6	3763.0	4917.2	5299.6	5340.6
25°	805.9	874.2	1024.4	1359.1	1891.8	2670.3	3940.6	5374.8	5866.5	5866.5
27.5°	751.2	778.6	881.0	1181.5	1748.3	2608.8	4118.2	5880.2	6337.7	6433.3
30°	737.6	805.9	860.5	1051.7	1591.3	2438.1	4282.1	6276.3	6747.5	6754.3
32.5°	723.9	710.3	751.2	915.1	1400.0	2260.5	4418.7	6679.2	7048.0	7068.5
35°	566.8	594.2	662.5	805.9	1256.6	2130.8	4486.9	6897.7	7430.4	7450.9
37.5°	532.7	566.8	621.5	744.4	1161.0	2021.5	4507.4	7321.2	7833.4	7874.3
40°	519.0	546.4	587.3	689.8	1085.9	1884.9	4548.4	7758.2	8427.5	8372.9
42.5°	491.7	525.9	566.8	662.5	1024.4	1782.5	4555.2	7997.3	8741.7	8741.7
45°	484.9	505.4	553.2	662.5	956.1	1693.7	4446.0	8236.3	9103.6	8994.4
47.5°	457.6	498.5	539.5	642.0	874.2	1604.9	4316.2	8359.2	9151.5	9117.3
50°	450.7	491.7	560.0	607.8	826.4	1563.9	4288.9	8666.6	9247.1	9240.2
52.5°	437.1	478.1	580.5	580.5	764.9	1509.3	4418.7	8803.2	9267.6	9322.2
55°	416.6	478.1	539.5	532.7	710.3	1441.0	4562.1	9158.3	9629.5	9615.9
57.5°	402.9	464.4	512.2	484.9	648.8	1393.2	4773.8	9499.8	10066.6	9971.0
60°	382.4	464.4	457.6	450.7	601.0	1352.2	4951.3	9568.1	10162.2	10223.7
62.5°	368.8	484.9	402.9	416.6	560.0	1331.7	4876.2	9055.8	10032.5	10087.1
65°	355.1	416.6	368.8	382.4	546.4	1290.8	4582.6	8441.2	9472.4	9711.5
67.5°	327.8	341.5	341.5	355.1	532.7	1195.2	3981.6	7334.8	8618.8	8748.5
70°	300.5	307.3	307.3	327.8	519.0	1085.9	3285.0	6344.6	7478.2	7724.1
72.5°	273.2	273.2	273.2	300.5	478.1	997.1	2704.5	4876.2	6214.8	6385.5
75°	239.0	239.0	239.0	266.3	430.3	908.3	2130.8	3626.4	4575.7	4821.6
77.5°	211.7	211.7	204.9	239.0	375.6	737.6	1536.6	2561.0	3223.5	3428.4
80°	177.6	170.7	170.7	191.2	293.7	532.7	990.3	1809.8	2246.9	2335.7
82.5°	143.4	136.6	129.8	143.4	211.7	334.6	614.7	1263.4	1441.0	1386.4
85°	136.6	143.4	116.1	109.3	150.2	218.5	389.3	778.6	648.8	648.8
87.5°	54.6	47.8	47.8	41.0	75.1	82.0	170.7	143.4	109.3	109.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)