

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: P598908

Luminaire Tested: **IFLD-S-SA2C-730-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598908
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2C-730-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

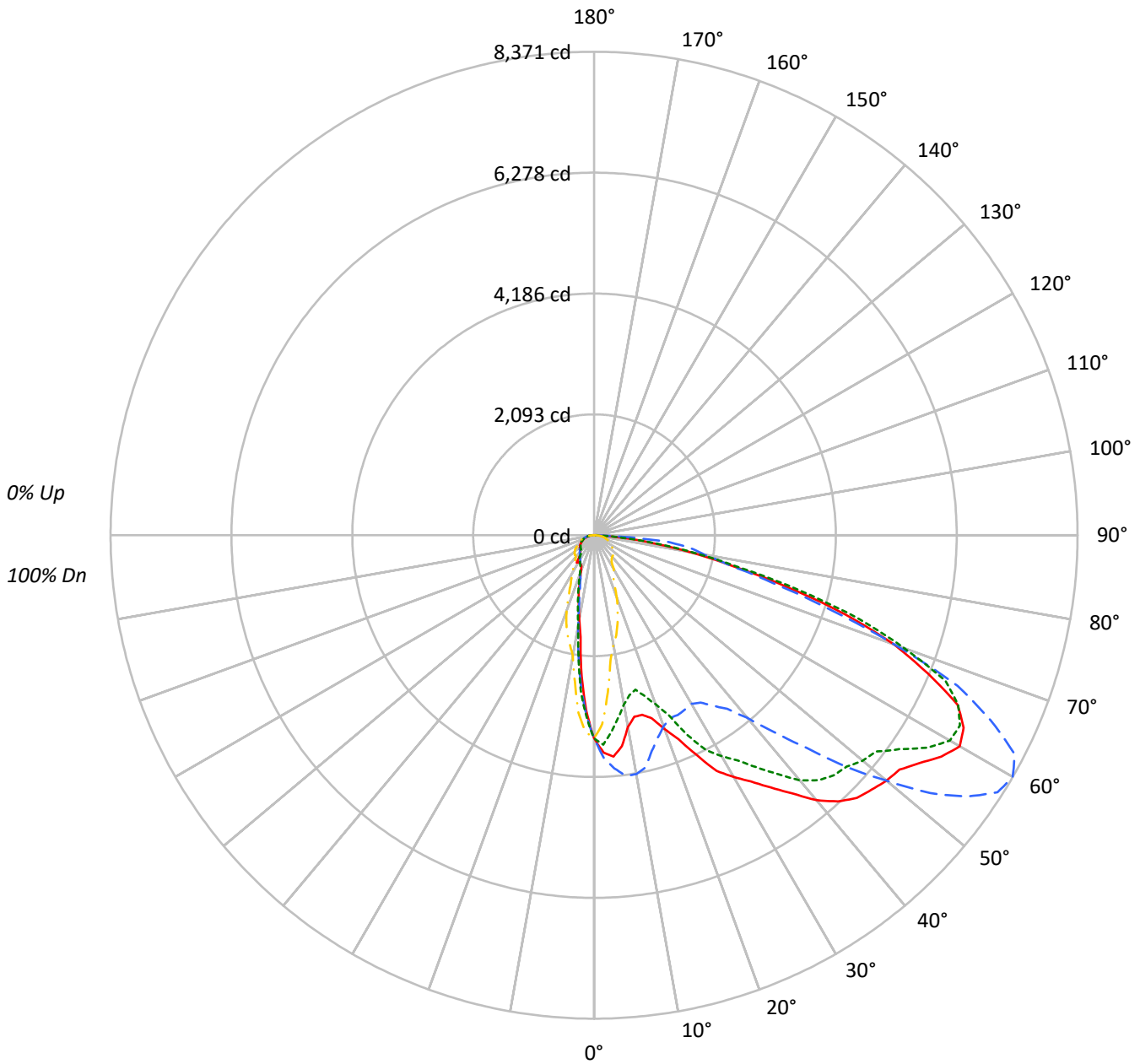
Lumens per Lamp: N/A
 Luminaire Lumens: 11009.1 lumens
 Efficiency: N/A
 Efficacy: 101.7 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 108.2
 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	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°	75698	75698	75698	75698
5°	83162	73876	52979	57835
10°	73661	65016	32134	34482
15°	71727	61713	22749	23620
20°	81787	71381	14880	16447
25°	99648	90484	12993	13456
30°	120065	109746	13476	12504
35°	140026	128859	11167	10525
40°	168261	155635	10432	9881
45°	195816	178867	10555	9812
50°	221297	203306	10794	10141
55°	258082	242318	11181	10633
60°	314776	306152	11143	11143
65°	353752	354251	11441	11940
70°	347660	359959	11991	12293
75°	286786	305876	12593	13408
80°	207061	217351	13922	14530
85°	114610	123033	15685	19291

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	273.2	2.5
10°-20°	576.7	5.2
20°-30°	843.8	7.7
30°-40°	1188.9	10.8
40°-50°	1633.9	14.8
50°-60°	2226.9	20.2
60°-70°	2437.2	22.1
70°-80°	1407.1	12.8
80°-90°	421.4	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°	1693.8	15.4
0°-40°	2882.7	26.2
0°-60°	6743.5	61.3
0°-90°	11009.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11009.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3516	3516	3516	3516	3516	
5°	3848	3419	2452	2676	3848	349
15°	3218	2769	1021	1060	3218	940
25°	4195	3809	547	566	4195	1964
35°	5328	4903	425	400	5328	3378
45°	6432	5875	347	322	6432	4943
55°	6876	6456	298	283	6876	6204
65°	6945	6954	225	234	6945	6647
75°	3448	3677	151	161	3448	3704
85°	464	498	64	78	464	644
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°	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3
2.5°	3765.3	3750.7	3765.3	3819.0	3833.7	3858.1	3858.1	3823.9	3760.4	3731.1	3682.3
5°	3848.3	3823.9	3946.0	4058.3	4146.2	4136.5	4053.5	3985.1	3858.1	3667.6	3487.0
7.5°	3682.3	3706.7	3794.6	4087.6	4292.8	4331.8	4200.0	4063.2	3789.7	3526.0	3281.8
10°	3369.7	3403.9	3594.4	3897.2	4219.5	4283.0	4200.0	4033.9	3706.7	3379.5	3096.3
12.5°	3218.3	3296.5	3408.8	3775.1	4004.6	4156.0	4116.9	4009.5	3643.2	3257.4	2983.9
15°	3218.3	3237.9	3403.9	3711.6	3843.5	3848.3	3863.0	3882.5	3662.8	3311.1	2944.9
17.5°	3320.9	3374.6	3516.3	3706.7	3731.1	3672.5	3672.5	3755.6	3701.8	3462.5	3086.5
20°	3570.0	3550.4	3736.0	3814.2	3682.3	3535.8	3521.1	3662.8	3745.8	3623.7	3345.3
22.5°	3819.0	3906.9	4058.3	3882.5	3638.3	3443.0	3423.5	3599.3	3877.6	3902.1	3643.2
25°	4195.1	4283.0	4361.1	4146.2	3633.5	3418.6	3433.2	3570.0	4038.8	4297.6	4141.4
27.5°	4600.4	4654.2	4766.5	4434.4	3750.7	3389.3	3403.9	3609.0	4190.2	4556.5	4532.1
30°	4830.0	4888.6	4864.2	4488.1	3828.8	3408.8	3369.7	3662.8	4107.2	4556.5	4786.0
32.5°	5054.6	5020.4	5005.8	4576.0	3926.5	3530.9	3433.2	3775.1	4156.0	4629.7	5113.2
35°	5328.1	5279.3	5240.2	4746.9	4087.6	3648.1	3604.2	3921.6	4263.5	4781.1	5376.9
37.5°	5630.9	5630.9	5440.4	4873.9	4278.1	3838.6	3789.7	4131.6	4434.4	4873.9	5738.3
40°	5987.4	6002.0	5665.1	5044.8	4493.0	4141.4	4126.7	4405.1	4600.4	5010.7	6085.1
42.5°	6251.1	6260.9	5860.4	5108.3	4742.1	4561.4	4624.8	4844.6	4790.9	5132.8	6109.5
45°	6431.8	6383.0	5997.2	5289.0	5015.5	5191.4	5210.9	5274.4	5040.0	5206.0	6207.2
47.5°	6519.7	6510.0	6055.8	5499.0	5591.8	5831.1	5943.4	5855.5	5269.5	5127.9	6207.2
50°	6607.6	6524.6	6109.5	5787.2	6153.4	6636.9	6612.5	6451.3	5586.9	5225.5	6114.4
52.5°	6666.2	6593.0	6216.9	6046.0	6690.6	7237.6	7335.3	7037.4	5958.1	5406.2	6158.3
55°	6876.2	6817.6	6539.3	6397.6	7310.9	7872.5	7887.2	7472.0	6348.8	5704.1	6446.5
57.5°	7130.2	7164.4	6983.7	6895.8	7784.6	8336.5	8282.7	7794.4	6680.9	6065.5	6778.6
60°	7310.9	7364.6	7320.6	7330.4	8019.0	8492.7	8370.6	7994.6	6925.1	6339.0	7183.9
62.5°	7213.2	7320.6	7501.3	7462.3	8028.8	8380.4	8209.5	7730.9	6954.4	6695.5	7491.6
65°	6944.6	6954.4	7306.0	7520.9	7589.2	7799.2	7574.6	7179.0	6651.6	6915.3	7447.6
67.5°	6256.0	6334.1	6651.6	7071.6	6783.4	6832.3	6812.7	6241.3	6192.5	6763.9	7110.6
70°	5523.4	5577.2	5923.9	6417.2	5728.6	5499.0	5543.0	5118.1	5318.3	6295.1	6431.8
72.5°	4566.2	4600.4	4996.0	5430.7	4595.5	4185.3	4287.9	3941.1	4224.4	5508.8	5425.8
75°	3447.9	3511.4	3819.0	4331.8	3384.4	3120.7	3223.2	3081.6	3345.3	4536.9	4209.7
77.5°	2451.6	2402.8	2783.7	3389.3	2544.4	2388.1	2397.9	2422.3	2705.6	3823.9	3023.0
80°	1670.2	1684.9	2026.7	2485.8	1997.4	1973.0	1948.6	2143.9	2270.9	3027.9	2197.7
82.5°	991.4	991.4	1367.4	1767.9	1577.4	1777.7	1665.3	1841.1	1777.7	2227.0	1440.7
85°	464.0	464.0	703.3	1274.6	1220.9	1465.1	1245.3	1391.9	1313.7	1553.0	649.5
87.5°	78.1	68.4	141.6	625.1	503.0	571.4	224.6	742.3	825.3	1084.2	161.2
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3
2.5°	3628.6	3594.4	3526.0	3438.1	3364.9	3272.1	3242.8	3179.3	3091.4	3081.6	3042.5
5°	3418.6	3301.4	3154.9	2974.2	2852.1	2725.1	2617.7	2554.2	2480.9	2471.1	2451.6
7.5°	3189.0	3042.5	2798.4	2583.5	2373.5	2173.2	2075.6	1953.5	1870.5	1807.0	1777.7
10°	2974.2	2837.4	2534.6	2241.6	2056.0	1924.2	1807.0	1680.0	1577.4	1499.3	1470.0
12.5°	2832.5	2671.4	2344.2	2065.8	1929.1	1777.7	1645.8	1509.1	1377.2	1274.6	1220.9
15°	2769.0	2617.7	2285.6	1977.9	1777.7	1567.7	1416.3	1279.5	1118.4	1045.1	1020.7
17.5°	2920.4	2695.8	2266.0	1875.3	1592.1	1352.8	1167.2	1020.7	903.5	830.2	800.9
20°	3115.8	2837.4	2300.2	1753.2	1416.3	1147.7	942.6	786.3	708.1	654.4	649.5
22.5°	3364.9	3047.4	2353.9	1665.3	1220.9	923.0	737.4	644.6	590.9	586.0	576.3
25°	3809.3	3428.3	2441.8	1548.1	1064.6	761.9	630.0	576.3	551.9	537.2	547.0
27.5°	4190.2	3677.4	2505.3	1474.9	1001.2	717.9	610.5	551.9	527.4	522.6	527.4
30°	4414.9	3906.9	2485.8	1338.1	874.2	683.7	649.5	630.0	581.2	542.1	542.1
32.5°	4620.0	4053.5	2480.9	1216.0	747.2	571.4	542.1	527.4	556.7	576.3	561.6
35°	4903.2	4283.0	2466.3	1147.7	693.5	527.4	478.6	439.5	420.0	410.2	424.9
37.5°	5206.0	4439.3	2427.2	1137.9	664.2	503.0	464.0	424.9	405.3	395.6	390.7
40°	5538.1	4605.3	2383.2	1089.1	649.5	488.4	449.3	415.1	390.7	376.0	371.2
42.5°	5753.0	4737.2	2339.3	1064.6	620.2	478.6	434.6	405.3	380.9	361.4	361.4
45°	5875.1	4893.5	2295.3	1040.2	586.0	483.5	434.6	395.6	366.3	356.5	346.7
47.5°	5928.8	5010.7	2280.7	1001.2	556.7	464.0	424.9	385.8	356.5	337.0	332.1
50°	6070.4	5259.7	2334.4	971.9	522.6	444.4	449.3	380.9	351.6	327.2	322.3
52.5°	6153.4	5460.0	2451.6	927.9	498.1	420.0	439.5	371.2	337.0	312.6	312.6
55°	6456.2	5792.1	2578.6	893.7	468.8	385.8	405.3	351.6	312.6	297.9	297.9
57.5°	6842.0	6143.7	2686.0	879.1	449.3	361.4	361.4	341.9	297.9	278.4	273.5
60°	7110.6	6431.8	2749.5	869.3	429.8	337.0	322.3	341.9	283.3	263.7	258.8
62.5°	7139.9	6265.8	2686.0	864.4	424.9	312.6	293.0	327.2	268.6	249.1	239.3
65°	6954.4	5928.8	2510.2	844.9	420.0	288.1	273.5	283.3	249.1	234.4	224.6
67.5°	6583.2	5381.8	2256.3	835.1	415.1	268.6	249.1	244.2	229.5	214.9	205.1
70°	5718.8	4668.8	1958.4	791.2	405.3	254.0	224.6	219.8	205.1	195.3	190.5
72.5°	4800.7	3819.0	1616.5	732.6	385.8	229.5	205.1	195.3	190.5	175.8	170.9
75°	3677.4	2940.0	1294.2	649.5	337.0	205.1	180.7	170.9	166.0	156.3	151.4
77.5°	2583.5	2187.9	957.2	527.4	283.3	185.6	161.2	151.4	146.5	131.9	131.9
80°	1753.2	1533.5	649.5	366.3	219.8	151.4	141.6	131.9	122.1	112.3	112.3
82.5°	1089.1	1074.4	468.8	239.3	161.2	122.1	112.3	112.3	97.7	87.9	87.9
85°	498.1	659.3	327.2	166.0	122.1	92.8	92.8	87.9	78.1	63.5	63.5
87.5°	156.3	219.8	170.9	73.3	68.4	53.7	53.7	48.8	48.8	39.1	39.1
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°	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3
2.5°	3081.6	3076.7	3076.7	3057.2	3106.0	3106.0	3135.3	3110.9	3125.6	3130.4	3169.5
5°	2446.7	2485.8	2515.1	2573.7	2607.9	2622.5	2622.5	2661.6	2647.0	2676.3	2734.9
7.5°	1792.3	1841.1	1929.1	2002.3	2060.9	2080.4	2075.6	2085.3	2100.0	2065.8	2075.6
10°	1450.5	1416.3	1445.6	1513.9	1567.7	1631.2	1582.3	1577.4	1592.1	1577.4	1606.7
12.5°	1211.2	1172.1	1147.7	1147.7	1186.7	1216.0	1201.4	1225.8	1279.5	1294.2	1328.4
15°	981.6	947.4	927.9	903.5	942.6	952.3	967.0	1001.2	1040.2	1059.8	1098.8
17.5°	786.3	786.3	786.3	766.7	781.4	796.0	800.9	844.9	849.8	869.3	883.9
20°	644.6	659.3	683.7	693.5	708.1	708.1	698.4	722.8	703.3	717.9	727.7
22.5°	581.2	600.7	610.5	615.3	634.9	639.8	615.3	620.2	625.1	610.5	615.3
25°	547.0	556.7	547.0	551.9	556.7	547.0	551.9	561.6	556.7	566.5	561.6
27.5°	532.3	522.6	517.7	512.8	512.8	503.0	507.9	507.9	517.7	522.6	522.6
30°	532.3	517.7	498.1	483.5	483.5	468.8	478.6	488.4	493.3	503.0	503.0
32.5°	547.0	517.7	483.5	468.8	454.2	444.4	454.2	468.8	488.4	493.3	498.1
35°	434.6	449.3	444.4	424.9	420.0	420.0	415.1	415.1	400.5	400.5	395.6
37.5°	390.7	385.8	395.6	400.5	405.3	390.7	390.7	371.2	366.3	371.2	371.2
40°	366.3	366.3	366.3	380.9	385.8	376.0	361.4	351.6	351.6	351.6	356.5
42.5°	356.5	346.7	341.9	351.6	366.3	356.5	341.9	337.0	337.0	341.9	341.9
45°	341.9	337.0	332.1	327.2	346.7	332.1	327.2	322.3	322.3	322.3	327.2
47.5°	327.2	322.3	312.6	312.6	317.4	312.6	307.7	307.7	307.7	317.4	317.4
50°	317.4	312.6	302.8	302.8	302.8	302.8	297.9	297.9	297.9	302.8	307.7
52.5°	302.8	297.9	293.0	288.1	288.1	288.1	288.1	288.1	288.1	293.0	297.9
55°	288.1	283.3	278.4	278.4	283.3	283.3	278.4	283.3	278.4	283.3	288.1
57.5°	273.5	268.6	263.7	268.6	273.5	268.6	268.6	268.6	268.6	268.6	273.5
60°	254.0	254.0	254.0	254.0	263.7	263.7	263.7	263.7	254.0	258.8	263.7
62.5°	244.2	239.3	239.3	244.2	249.1	249.1	254.0	249.1	244.2	249.1	249.1
65°	224.6	224.6	224.6	229.5	229.5	234.4	234.4	234.4	229.5	234.4	234.4
67.5°	210.0	210.0	210.0	210.0	219.8	219.8	219.8	219.8	214.9	214.9	219.8
70°	185.6	190.5	185.6	195.3	205.1	200.2	205.1	205.1	200.2	195.3	205.1
72.5°	170.9	170.9	170.9	170.9	185.6	185.6	185.6	190.5	185.6	180.7	185.6
75°	151.4	151.4	151.4	156.3	166.0	166.0	166.0	166.0	166.0	161.2	161.2
77.5°	131.9	136.7	131.9	136.7	146.5	141.6	146.5	151.4	146.5	141.6	141.6
80°	112.3	112.3	112.3	117.2	122.1	122.1	122.1	127.0	122.1	117.2	117.2
82.5°	87.9	87.9	92.8	92.8	97.7	97.7	97.7	102.6	97.7	92.8	92.8
85°	68.4	68.4	68.4	73.3	73.3	78.1	78.1	83.0	83.0	78.1	78.1
87.5°	44.0	39.1	44.0	44.0	48.8	48.8	44.0	39.1	44.0	39.1	34.2
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: P598908
 CATALOG NUMBER: IFLD-S-SA2C-730-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3	3516.3
2.5°	3208.6	3296.5	3360.0	3403.9	3467.4	3589.5	3638.3	3726.3	3750.7	3765.3
5°	2759.3	2852.1	2988.8	3086.5	3198.8	3428.3	3604.2	3736.0	3794.6	3848.3
7.5°	2163.5	2285.6	2427.2	2554.2	2739.7	3023.0	3252.5	3526.0	3628.6	3682.3
10°	1689.8	1802.1	1958.4	2114.6	2373.5	2612.8	2940.0	3189.0	3330.7	3369.7
12.5°	1426.0	1557.9	1743.5	1933.9	2095.1	2368.6	2700.7	3062.1	3193.9	3218.3
15°	1211.2	1391.9	1582.3	1777.7	1963.2	2202.5	2559.1	2998.6	3193.9	3218.3
17.5°	1001.2	1162.3	1387.0	1597.0	1811.8	2139.1	2583.5	3052.3	3247.7	3320.9
20°	796.0	952.3	1128.1	1391.9	1684.9	2031.6	2637.2	3233.0	3491.8	3570.0
22.5°	659.3	727.7	898.6	1152.5	1499.3	1958.4	2690.9	3516.3	3789.7	3819.0
25°	576.3	625.1	732.6	971.9	1352.8	1909.5	2817.9	3843.5	4195.1	4195.1
27.5°	537.2	556.7	630.0	844.9	1250.2	1865.6	2944.9	4204.9	4532.1	4600.4
30°	527.4	576.3	615.3	752.1	1137.9	1743.5	3062.1	4488.1	4825.1	4830.0
32.5°	517.7	507.9	537.2	654.4	1001.2	1616.5	3159.7	4776.2	5040.0	5054.6
35°	405.3	424.9	473.7	576.3	898.6	1523.7	3208.6	4932.5	5313.4	5328.1
37.5°	380.9	405.3	444.4	532.3	830.2	1445.6	3223.2	5235.3	5601.6	5630.9
40°	371.2	390.7	420.0	493.3	776.5	1347.9	3252.5	5547.9	6026.5	5987.4
42.5°	351.6	376.0	405.3	473.7	732.6	1274.6	3257.4	5718.8	6251.1	6251.1
45°	346.7	361.4	395.6	473.7	683.7	1211.2	3179.3	5889.7	6510.0	6431.8
47.5°	327.2	356.5	385.8	459.1	625.1	1147.7	3086.5	5977.6	6544.1	6519.7
50°	322.3	351.6	400.5	434.6	590.9	1118.4	3067.0	6197.4	6612.5	6607.6
52.5°	312.6	341.9	415.1	415.1	547.0	1079.3	3159.7	6295.1	6627.2	6666.2
55°	297.9	341.9	385.8	380.9	507.9	1030.5	3262.3	6549.0	6886.0	6876.2
57.5°	288.1	332.1	366.3	346.7	464.0	996.3	3413.7	6793.2	7198.6	7130.2
60°	273.5	332.1	327.2	322.3	429.8	967.0	3540.7	6842.0	7266.9	7310.9
62.5°	263.7	346.7	288.1	297.9	400.5	952.3	3487.0	6475.8	7174.1	7213.2
65°	254.0	297.9	263.7	273.5	390.7	923.0	3277.0	6036.2	6773.7	6944.6
67.5°	234.4	244.2	244.2	254.0	380.9	854.6	2847.2	5245.1	6163.2	6256.0
70°	214.9	219.8	219.8	234.4	371.2	776.5	2349.1	4536.9	5347.6	5523.4
72.5°	195.3	195.3	195.3	214.9	341.9	713.0	1933.9	3487.0	4444.2	4566.2
75°	170.9	170.9	170.9	190.5	307.7	649.5	1523.7	2593.2	3272.1	3447.9
77.5°	151.4	151.4	146.5	170.9	268.6	527.4	1098.8	1831.4	2305.1	2451.6
80°	127.0	122.1	122.1	136.7	210.0	380.9	708.1	1294.2	1606.7	1670.2
82.5°	102.6	97.7	92.8	102.6	151.4	239.3	439.5	903.5	1030.5	991.4
85°	97.7	102.6	83.0	78.1	107.4	156.3	278.4	556.7	464.0	464.0
87.5°	39.1	34.2	34.2	29.3	53.7	58.6	122.1	102.6	78.1	78.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)