

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: P598967

Luminaire Tested: **IFLD-S-SA2D-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: P598967
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-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

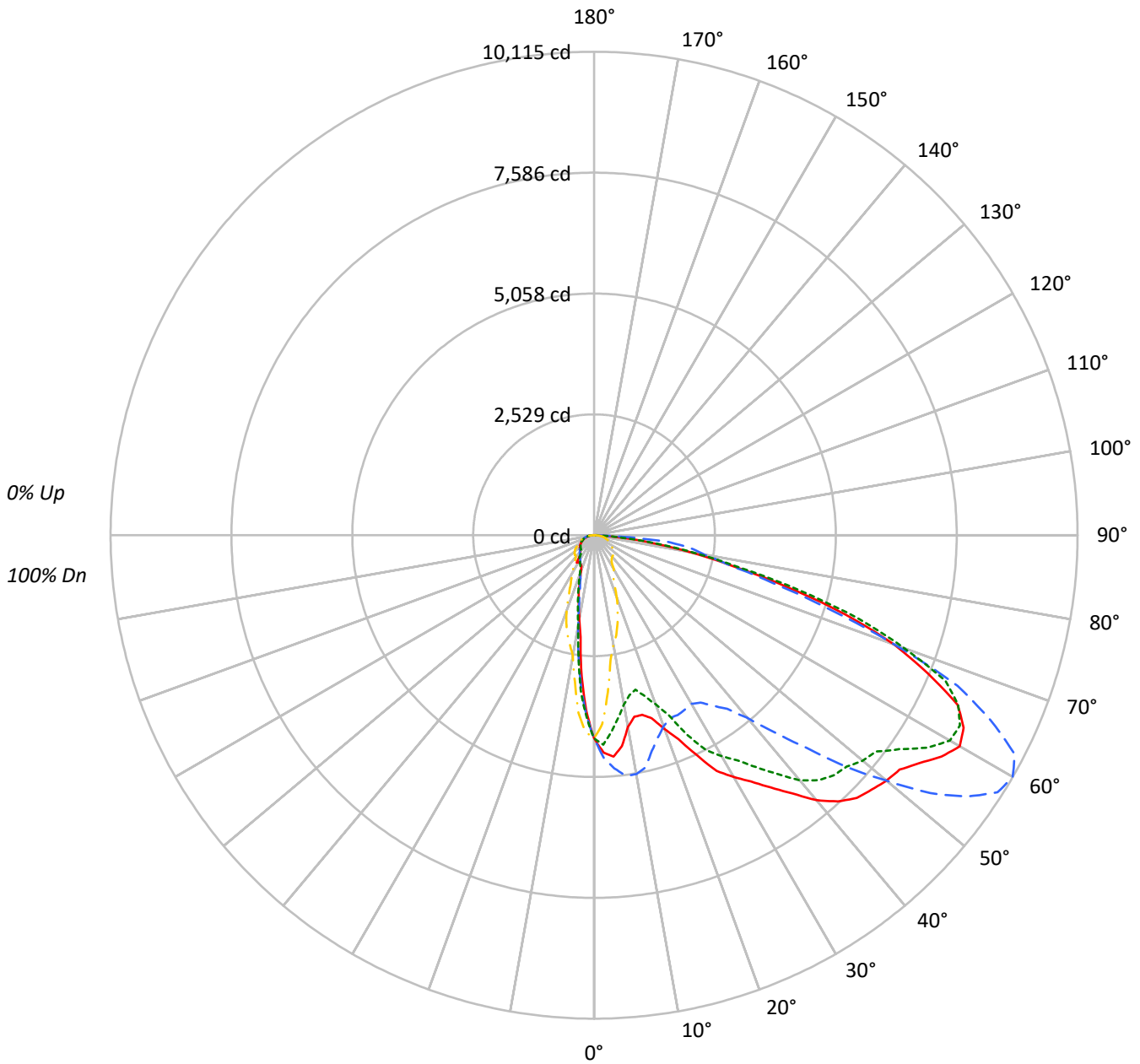
Lumens per Lamp: N/A
 Luminaire Lumens: 13303.0 lumens
 Efficiency: N/A
 Efficacy: 107.4 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 123.9
 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°	91470	91470	91470	91470
5°	100491	89269	64018	69885
10°	89011	78562	38830	41667
15°	86673	74573	27489	28541
20°	98827	86254	17982	19874
25°	120410	109337	15699	16259
30°	145082	132611	16282	15109
35°	169203	155710	13492	12717
40°	203322	188063	12604	11941
45°	236618	216135	12756	11858
50°	267408	245669	13045	12254
55°	311859	292811	13512	12847
60°	380362	369947	13468	13468
65°	427461	428062	13830	14431
70°	420102	434962	14483	14861
75°	346541	369614	15213	16195
80°	250204	262651	16823	17555
85°	138471	148672	18945	23317

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	330.1	2.5
10°-20°	696.9	5.2
20°-30°	1019.7	7.7
30°-40°	1436.6	10.8
40°-50°	1974.4	14.8
50°-60°	2690.9	20.2
60°-70°	2945.0	22.1
70°-80°	1700.3	12.8
80°-90°	509.2	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°	2046.7	15.4
0°-40°	3483.3	26.2
0°-60°	8148.6	61.3
0°-90°	13303.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13303.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4249	4249	4249	4249	4249	
5°	4650	4131	2962	3234	4650	422
15°	3889	3346	1233	1281	3889	1136
25°	5069	4603	661	684	5069	2374
35°	6438	5925	513	484	6438	4082
45°	7772	7099	419	390	7772	5973
55°	8309	7802	360	342	8309	7497
65°	8392	8403	272	283	8392	8032
75°	4166	4444	183	195	4166	4475
85°	561	602	77	94	561	778
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°	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9
2.5°	4549.9	4532.2	4549.9	4614.8	4632.5	4662.0	4662.0	4620.7	4544.0	4508.6	4449.6
5°	4650.2	4620.7	4768.2	4904.0	5010.2	4998.4	4898.1	4815.4	4662.0	4431.9	4213.5
7.5°	4449.6	4479.1	4585.3	4939.4	5187.2	5234.4	5075.1	4909.9	4579.4	4260.7	3965.7
10°	4071.9	4113.2	4343.3	4709.2	5098.7	5175.4	5075.1	4874.4	4479.1	4083.7	3741.4
12.5°	3888.9	3983.4	4119.1	4561.7	4839.0	5022.0	4974.8	4844.9	4402.3	3936.1	3605.7
15°	3888.9	3912.5	4113.2	4485.0	4644.3	4650.2	4667.9	4691.5	4426.0	4001.1	3558.5
17.5°	4012.9	4077.8	4248.9	4479.1	4508.6	4437.8	4437.8	4538.1	4473.2	4184.0	3729.6
20°	4313.8	4290.2	4514.5	4608.9	4449.6	4272.5	4254.8	4426.0	4526.3	4378.7	4042.4
22.5°	4614.8	4721.0	4904.0	4691.5	4396.4	4160.4	4136.8	4349.2	4685.6	4715.1	4402.3
25°	5069.2	5175.4	5269.8	5010.2	4390.5	4130.9	4148.6	4313.8	4880.4	5193.1	5004.3
27.5°	5559.0	5623.9	5759.6	5358.4	4532.2	4095.5	4113.2	4361.0	5063.3	5505.9	5476.4
30°	5836.4	5907.2	5877.7	5423.3	4626.6	4119.1	4071.9	4426.0	4963.0	5505.9	5783.2
32.5°	6107.8	6066.5	6048.8	5529.5	4744.6	4266.6	4148.6	4561.7	5022.0	5594.4	6178.6
35°	6438.3	6379.3	6332.1	5736.0	4939.4	4408.2	4355.1	4738.7	5151.8	5777.3	6497.3
37.5°	6804.2	6804.2	6574.0	5889.5	5169.5	4638.4	4579.4	4992.5	5358.4	5889.5	6934.0
40°	7235.0	7252.7	6845.5	6096.0	5429.2	5004.3	4986.6	5322.9	5559.0	6054.7	7353.0
42.5°	7553.6	7565.4	7081.5	6172.7	5730.1	5511.8	5588.5	5854.1	5789.1	6202.2	7382.5
45°	7772.0	7713.0	7246.8	6391.1	6060.6	6273.1	6296.7	6373.4	6090.1	6290.8	7500.5
47.5°	7878.2	7866.4	7317.6	6644.8	6757.0	7046.1	7181.8	7075.6	6367.5	6196.3	7500.5
50°	7984.4	7884.1	7382.5	6993.0	7435.6	8019.8	7990.3	7795.6	6751.1	6314.4	7388.4
52.5°	8055.2	7966.7	7512.3	7305.8	8084.7	8745.7	8863.7	8503.7	7199.6	6532.7	7441.5
55°	8309.0	8238.2	7901.8	7730.7	8834.2	9512.8	9530.6	9028.9	7671.7	6892.7	7789.7
57.5°	8615.9	8657.2	8438.8	8332.6	9406.6	10073.5	10008.6	9418.4	8072.9	7329.4	8191.0
60°	8834.2	8899.1	8846.0	8857.8	9689.9	10262.3	10114.8	9660.4	8368.0	7659.8	8680.8
62.5°	8716.2	8846.0	9064.4	9017.1	9701.7	10126.6	9920.0	9341.7	8403.4	8090.6	9052.5
65°	8391.6	8403.4	8828.3	9088.0	9170.6	9424.3	9152.9	8674.9	8037.5	8356.2	8999.4
67.5°	7559.5	7653.9	8037.5	8545.0	8196.9	8255.9	8232.3	7541.8	7482.8	8173.3	8592.3
70°	6674.3	6739.3	7158.2	7754.3	6922.2	6644.8	6697.9	6184.5	6426.5	7606.7	7772.0
72.5°	5517.7	5559.0	6037.0	6562.2	5553.1	5057.4	5181.3	4762.3	5104.6	6656.6	6556.3
75°	4166.3	4243.0	4614.8	5234.4	4089.6	3770.9	3894.8	3723.7	4042.4	5482.3	5086.9
77.5°	2962.4	2903.4	3363.7	4095.5	3074.6	2885.7	2897.5	2927.0	3269.3	4620.7	3652.9
80°	2018.2	2035.9	2449.0	3003.7	2413.6	2384.1	2354.6	2590.7	2744.1	3658.8	2655.6
82.5°	1198.0	1198.0	1652.4	2136.3	1906.1	2148.1	2012.3	2224.8	2148.1	2691.0	1740.9
85°	560.6	560.6	849.8	1540.2	1475.3	1770.4	1504.8	1681.9	1587.4	1876.6	784.9
87.5°	94.4	82.6	171.1	755.4	607.8	690.4	271.5	897.0	997.3	1310.1	194.7
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°	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9
2.5°	4384.6	4343.3	4260.7	4154.5	4066.0	3953.9	3918.4	3841.7	3735.5	3723.7	3676.5
5°	4130.9	3989.3	3812.2	3593.9	3446.3	3292.9	3163.1	3086.4	2997.8	2986.0	2962.4
7.5°	3853.5	3676.5	3381.4	3121.8	2868.0	2626.1	2508.0	2360.5	2260.2	2183.5	2148.1
10°	3593.9	3428.6	3062.8	2708.7	2484.4	2325.1	2183.5	2030.0	1906.1	1811.7	1776.3
12.5°	3422.7	3228.0	2832.6	2496.2	2331.0	2148.1	1988.7	1823.5	1664.2	1540.2	1475.3
15°	3346.0	3163.1	2761.8	2390.0	2148.1	1894.3	1711.4	1546.1	1351.4	1262.9	1233.4
17.5°	3529.0	3257.5	2738.2	2266.1	1923.8	1634.7	1410.4	1233.4	1091.7	1003.2	967.8
20°	3765.0	3428.6	2779.5	2118.6	1711.4	1386.8	1138.9	950.1	855.7	790.8	784.9
22.5°	4066.0	3682.4	2844.4	2012.3	1475.3	1115.3	891.1	779.0	714.1	708.2	696.3
25°	4603.0	4142.7	2950.6	1870.7	1286.5	920.6	761.3	696.3	666.8	649.1	660.9
27.5°	5063.3	4443.7	3027.4	1782.2	1209.8	867.5	737.7	666.8	637.3	631.4	637.3
30°	5334.7	4721.0	3003.7	1616.9	1056.3	826.2	784.9	761.3	702.3	655.0	655.0
32.5°	5582.6	4898.1	2997.8	1469.4	902.9	690.4	655.0	637.3	672.7	696.3	678.6
35°	5924.9	5175.4	2980.1	1386.8	838.0	637.3	578.3	531.1	507.5	495.7	513.4
37.5°	6290.8	5364.3	2932.9	1375.0	802.6	607.8	560.6	513.4	489.8	478.0	472.1
40°	6692.0	5564.9	2879.8	1316.0	784.9	590.1	542.9	501.6	472.1	454.4	448.5
42.5°	6951.7	5724.2	2826.7	1286.5	749.5	578.3	525.2	489.8	460.3	436.7	436.7
45°	7099.2	5913.1	2773.6	1257.0	708.2	584.2	525.2	478.0	442.6	430.8	419.0
47.5°	7164.1	6054.7	2755.9	1209.8	672.7	560.6	513.4	466.2	430.8	407.2	401.3
50°	7335.3	6355.7	2820.8	1174.4	631.4	537.0	542.9	460.3	424.9	395.4	389.5
52.5°	7435.6	6597.6	2962.4	1121.2	601.9	507.5	531.1	448.5	407.2	377.7	377.7
55°	7801.5	6998.9	3115.9	1079.9	566.5	466.2	489.8	424.9	377.7	360.0	360.0
57.5°	8267.7	7423.8	3245.7	1062.2	542.9	436.7	436.7	413.1	360.0	336.4	330.5
60°	8592.3	7772.0	3322.4	1050.4	519.3	407.2	389.5	413.1	342.3	318.7	312.8
62.5°	8627.7	7571.3	3245.7	1044.5	513.4	377.7	354.1	395.4	324.6	301.0	289.2
65°	8403.4	7164.1	3033.3	1020.9	507.5	348.2	330.5	342.3	301.0	283.3	271.5
67.5°	7954.9	6503.2	2726.4	1009.1	501.6	324.6	301.0	295.1	277.4	259.7	247.9
70°	6910.4	5641.6	2366.4	956.0	489.8	306.9	271.5	265.6	247.9	236.1	230.1
72.5°	5800.9	4614.8	1953.3	885.2	466.2	277.4	247.9	236.1	230.1	212.4	206.5
75°	4443.7	3552.6	1563.8	784.9	407.2	247.9	218.3	206.5	200.6	188.8	182.9
77.5°	3121.8	2643.8	1156.6	637.3	342.3	224.2	194.7	182.9	177.0	159.3	159.3
80°	2118.6	1853.0	784.9	442.6	265.6	182.9	171.1	159.3	147.5	135.7	135.7
82.5°	1316.0	1298.3	566.5	289.2	194.7	147.5	135.7	135.7	118.0	106.2	106.2
85°	601.9	796.7	395.4	200.6	147.5	112.1	112.1	106.2	94.4	76.7	76.7
87.5°	188.8	265.6	206.5	88.5	82.6	64.9	64.9	59.0	59.0	47.2	47.2
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°	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9
2.5°	3723.7	3717.8	3717.8	3694.2	3753.2	3753.2	3788.6	3759.1	3776.8	3782.7	3829.9
5°	2956.5	3003.7	3039.2	3110.0	3151.3	3169.0	3169.0	3216.2	3198.5	3233.9	3304.7
7.5°	2165.8	2224.8	2331.0	2419.5	2490.3	2513.9	2508.0	2519.8	2537.5	2496.2	2508.0
10°	1752.7	1711.4	1746.8	1829.4	1894.3	1971.0	1912.0	1906.1	1923.8	1906.1	1941.5
12.5°	1463.5	1416.3	1386.8	1386.8	1434.0	1469.4	1451.7	1481.2	1546.1	1563.8	1605.1
15°	1186.2	1144.8	1121.2	1091.7	1138.9	1150.7	1168.5	1209.8	1257.0	1280.6	1327.8
17.5°	950.1	950.1	950.1	926.5	944.2	961.9	967.8	1020.9	1026.8	1050.4	1068.1
20°	779.0	796.7	826.2	838.0	855.7	855.7	843.9	873.4	849.8	867.5	879.3
22.5°	702.3	725.9	737.7	743.6	767.2	773.1	743.6	749.5	755.4	737.7	743.6
25°	660.9	672.7	660.9	666.8	672.7	660.9	666.8	678.6	672.7	684.5	678.6
27.5°	643.2	631.4	625.5	619.6	619.6	607.8	613.7	613.7	625.5	631.4	631.4
30°	643.2	625.5	601.9	584.2	584.2	566.5	578.3	590.1	596.0	607.8	607.8
32.5°	660.9	625.5	584.2	566.5	548.8	537.0	548.8	566.5	590.1	596.0	601.9
35°	525.2	542.9	537.0	513.4	507.5	507.5	501.6	501.6	483.9	483.9	478.0
37.5°	472.1	466.2	478.0	483.9	489.8	472.1	472.1	448.5	442.6	448.5	448.5
40°	442.6	442.6	442.6	460.3	466.2	454.4	436.7	424.9	424.9	424.9	430.8
42.5°	430.8	419.0	413.1	424.9	442.6	430.8	413.1	407.2	407.2	413.1	413.1
45°	413.1	407.2	401.3	395.4	419.0	401.3	395.4	389.5	389.5	389.5	395.4
47.5°	395.4	389.5	377.7	377.7	383.6	377.7	371.8	371.8	371.8	383.6	383.6
50°	383.6	377.7	365.9	365.9	365.9	365.9	360.0	360.0	360.0	365.9	371.8
52.5°	365.9	360.0	354.1	348.2	348.2	348.2	348.2	348.2	348.2	354.1	360.0
55°	348.2	342.3	336.4	336.4	342.3	342.3	336.4	342.3	336.4	342.3	348.2
57.5°	330.5	324.6	318.7	324.6	330.5	324.6	324.6	324.6	324.6	324.6	330.5
60°	306.9	306.9	306.9	306.9	318.7	318.7	318.7	318.7	306.9	312.8	318.7
62.5°	295.1	289.2	289.2	295.1	301.0	301.0	306.9	301.0	295.1	301.0	301.0
65°	271.5	271.5	271.5	277.4	277.4	283.3	283.3	283.3	277.4	283.3	283.3
67.5°	253.8	253.8	253.8	253.8	265.6	265.6	265.6	265.6	259.7	259.7	265.6
70°	224.2	230.1	224.2	236.1	247.9	242.0	247.9	247.9	242.0	236.1	247.9
72.5°	206.5	206.5	206.5	206.5	224.2	224.2	224.2	230.1	224.2	218.3	224.2
75°	182.9	182.9	182.9	188.8	200.6	200.6	200.6	200.6	200.6	194.7	194.7
77.5°	159.3	165.2	159.3	165.2	177.0	171.1	177.0	182.9	177.0	171.1	171.1
80°	135.7	135.7	135.7	141.6	147.5	147.5	147.5	153.4	147.5	141.6	141.6
82.5°	106.2	106.2	112.1	112.1	118.0	118.0	118.0	123.9	118.0	112.1	112.1
85°	82.6	82.6	82.6	88.5	88.5	94.4	94.4	100.3	100.3	94.4	94.4
87.5°	53.1	47.2	53.1	53.1	59.0	59.0	53.1	47.2	53.1	47.2	41.3
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: P598967
 CATALOG NUMBER: IFLD-S-SA2D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9	4248.9
2.5°	3877.1	3983.4	4060.1	4113.2	4189.9	4337.4	4396.4	4502.7	4532.2	4549.9
5°	3334.2	3446.3	3611.6	3729.6	3865.3	4142.7	4355.1	4514.5	4585.3	4650.2
7.5°	2614.3	2761.8	2932.9	3086.4	3310.6	3652.9	3930.2	4260.7	4384.6	4449.6
10°	2041.8	2177.6	2366.4	2555.3	2868.0	3157.2	3552.6	3853.5	4024.7	4071.9
12.5°	1723.2	1882.5	2106.8	2336.9	2531.6	2862.1	3263.4	3700.1	3859.4	3888.9
15°	1463.5	1681.9	1912.0	2148.1	2372.3	2661.5	3092.3	3623.4	3859.4	3888.9
17.5°	1209.8	1404.5	1676.0	1929.7	2189.4	2584.8	3121.8	3688.3	3924.3	4012.9
20°	961.9	1150.7	1363.2	1681.9	2035.9	2454.9	3186.7	3906.6	4219.4	4313.8
22.5°	796.7	879.3	1085.8	1392.7	1811.7	2366.4	3251.6	4248.9	4579.4	4614.8
25°	696.3	755.4	885.2	1174.4	1634.7	2307.4	3405.0	4644.3	5069.2	5069.2
27.5°	649.1	672.7	761.3	1020.9	1510.7	2254.3	3558.5	5081.0	5476.4	5559.0
30°	637.3	696.3	743.6	908.8	1375.0	2106.8	3700.1	5423.3	5830.5	5836.4
32.5°	625.5	613.7	649.1	790.8	1209.8	1953.3	3818.1	5771.4	6090.1	6107.8
35°	489.8	513.4	572.4	696.3	1085.8	1841.2	3877.1	5960.3	6420.6	6438.3
37.5°	460.3	489.8	537.0	643.2	1003.2	1746.8	3894.8	6326.2	6768.8	6804.2
40°	448.5	472.1	507.5	596.0	938.3	1628.8	3930.2	6703.8	7282.2	7235.0
42.5°	424.9	454.4	489.8	572.4	885.2	1540.2	3936.1	6910.4	7553.6	7553.6
45°	419.0	436.7	478.0	572.4	826.2	1463.5	3841.7	7116.9	7866.4	7772.0
47.5°	395.4	430.8	466.2	554.7	755.4	1386.8	3729.6	7223.2	7907.7	7878.2
50°	389.5	424.9	483.9	525.2	714.1	1351.4	3706.0	7488.7	7990.3	7984.4
52.5°	377.7	413.1	501.6	501.6	660.9	1304.2	3818.1	7606.7	8008.0	8055.2
55°	360.0	413.1	466.2	460.3	613.7	1245.2	3942.0	7913.6	8320.8	8309.0
57.5°	348.2	401.3	442.6	419.0	560.6	1203.9	4125.0	8208.7	8698.5	8615.9
60°	330.5	401.3	395.4	389.5	519.3	1168.5	4278.4	8267.7	8781.1	8834.2
62.5°	318.7	419.0	348.2	360.0	483.9	1150.7	4213.5	7825.1	8669.0	8716.2
65°	306.9	360.0	318.7	330.5	472.1	1115.3	3959.8	7294.0	8185.1	8391.6
67.5°	283.3	295.1	295.1	306.9	460.3	1032.7	3440.4	6338.0	7447.4	7559.5
70°	259.7	265.6	265.6	283.3	448.5	938.3	2838.5	5482.3	6461.9	6674.3
72.5°	236.1	236.1	236.1	259.7	413.1	861.6	2336.9	4213.5	5370.2	5517.7
75°	206.5	206.5	206.5	230.1	371.8	784.9	1841.2	3133.6	3953.9	4166.3
77.5°	182.9	182.9	177.0	206.5	324.6	637.3	1327.8	2213.0	2785.4	2962.4
80°	153.4	147.5	147.5	165.2	253.8	460.3	855.7	1563.8	1941.5	2018.2
82.5°	123.9	118.0	112.1	123.9	182.9	289.2	531.1	1091.7	1245.2	1198.0
85°	118.0	123.9	100.3	94.4	129.8	188.8	336.4	672.7	560.6	560.6
87.5°	47.2	41.3	41.3	35.4	64.9	70.8	147.5	123.9	94.4	94.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)