

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: P598888

Luminaire Tested: **IFLD-S-SA6B-727-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598888
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6B-727-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (96) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

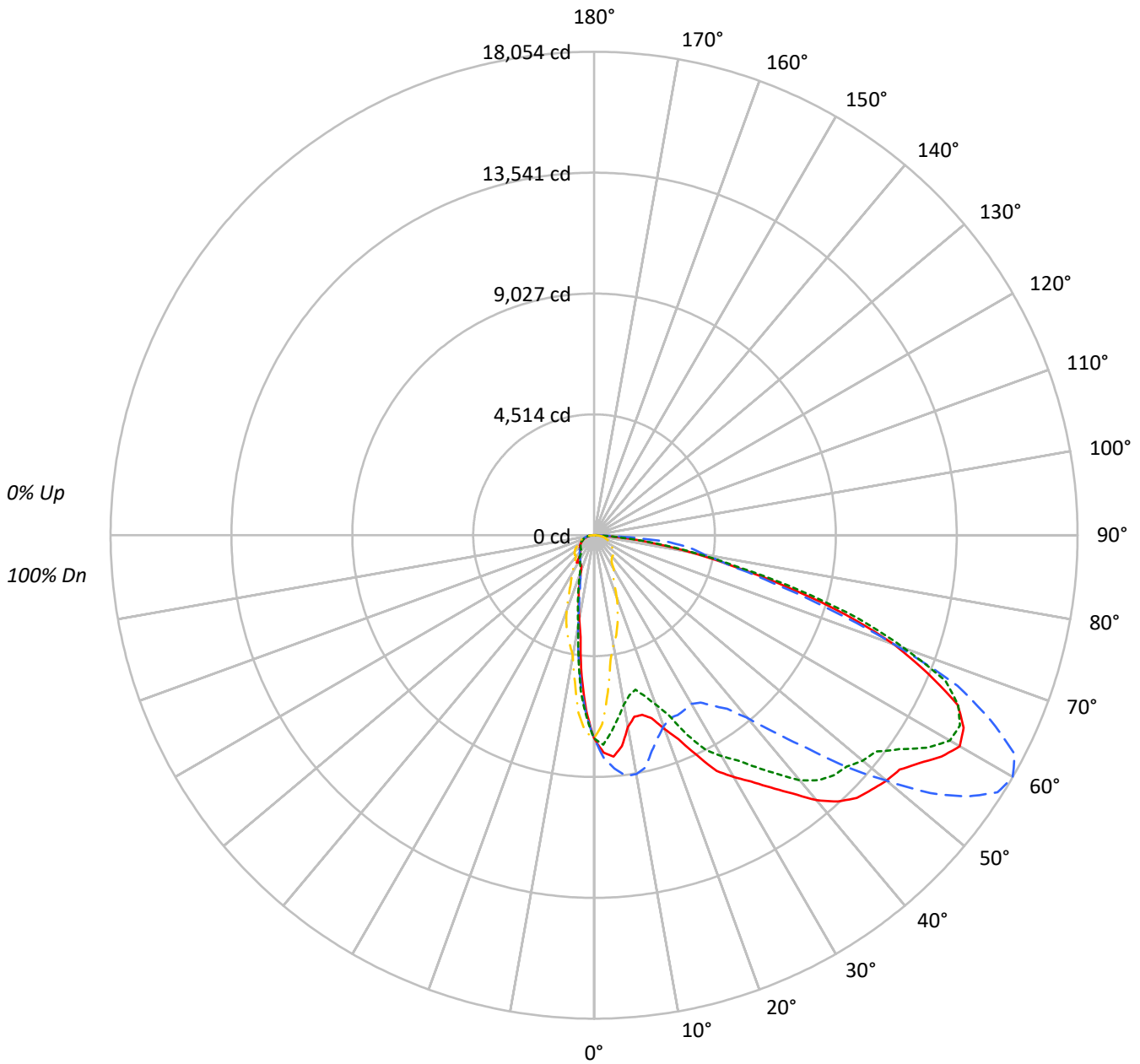
Lumens per Lamp: N/A
 Luminaire Lumens: 23744.9 lumens
 Efficiency: N/A
 Efficacy: 97.0 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 244.9
 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	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°	54422	54422	54422	54422
5°	59790	53112	38089	41580
10°	52959	46742	23102	24791
15°	51569	44369	16355	16981
20°	58800	51319	10698	11824
25°	71641	65052	9341	9675
30°	86320	78901	9688	8990
35°	100671	92644	8028	7566
40°	120971	111893	7499	7104
45°	140782	128595	7590	7055
50°	159102	146166	7761	7291
55°	185548	174215	8038	7643
60°	226306	220108	8013	8013
65°	254329	254687	8227	8585
70°	249952	258791	8619	8839
75°	206182	219909	9052	9637
80°	148868	156269	10013	10447
85°	82392	88460	11272	13873

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	589.2	2.5
10°-20°	1243.9	5.2
20°-30°	1820.0	7.7
30°-40°	2564.3	10.8
40°-50°	3524.1	14.8
50°-60°	4803.0	20.2
60°-70°	5256.7	22.1
70°-80°	3034.9	12.8
80°-90°	908.8	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°	3653.2	15.4
0°-40°	6217.5	26.2
0°-60°	14544.6	61.3
0°-90°	23744.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23744.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7584	7584	7584	7584	7584	
5°	8300	7373	5288	5772	8300	754
15°	6942	5972	2202	2286	6942	2028
25°	9048	8216	1180	1222	9048	4237
35°	11492	10576	916	864	11492	7287
45°	13872	12672	748	695	13872	10662
55°	14831	13925	642	611	14831	13382
65°	14978	15000	484	506	14978	14336
75°	7436	7932	326	348	7436	7988
85°	1001	1074	137	168	1001	1388
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°	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0
2.5°	8121.2	8089.6	8121.2	8237.1	8268.7	8321.3	8321.3	8247.6	8110.7	8047.5	7942.1
5°	8300.3	8247.6	8510.9	8753.2	8942.8	8921.7	8742.7	8595.2	8321.3	7910.5	7520.8
7.5°	7942.1	7994.8	8184.4	8816.4	9258.8	9343.1	9058.7	8763.7	8173.9	7605.1	7078.4
10°	7268.0	7341.7	7752.5	8405.6	9100.8	9237.7	9058.7	8700.5	7994.8	7289.1	6678.1
12.5°	6941.5	7110.0	7352.3	8142.3	8637.3	8963.9	8879.6	8647.9	7857.9	7025.7	6435.9
15°	6941.5	6983.6	7341.7	8005.3	8289.7	8300.3	8331.9	8374.0	7900.0	7141.6	6351.6
17.5°	7162.7	7278.5	7584.0	7994.8	8047.5	7921.1	7921.1	8100.1	7984.3	7468.1	6657.1
20°	7699.9	7657.7	8058.0	8226.5	7942.1	7626.1	7594.5	7900.0	8079.1	7815.7	7215.3
22.5°	8237.1	8426.7	8753.2	8374.0	7847.3	7426.0	7383.9	7763.1	8363.5	8416.1	7857.9
25°	9048.1	9237.7	9406.3	8942.8	7836.8	7373.3	7404.9	7699.9	8711.1	9269.3	8932.3
27.5°	9922.4	10038.3	10280.5	9564.3	8089.6	7310.1	7341.7	7784.1	9037.6	9827.6	9774.9
30°	10417.5	10543.9	10491.2	9680.1	8258.1	7352.3	7268.0	7900.0	8858.5	9827.6	10322.7
32.5°	10902.0	10828.3	10796.7	9869.7	8468.8	7615.6	7404.9	8142.3	8963.9	9985.6	11028.4
35°	11491.9	11386.5	11302.3	10238.4	8816.4	7868.4	7773.6	8458.3	9195.6	10312.1	11597.2
37.5°	12144.9	12144.9	11734.1	10512.3	9227.2	8279.2	8173.9	8911.2	9564.3	10512.3	12376.7
40°	12913.9	12945.5	12218.7	10880.9	9690.7	8932.3	8900.7	9501.1	9922.4	10807.2	13124.5
42.5°	13482.7	13503.7	12640.0	11017.9	10227.9	9838.1	9975.1	10449.1	10333.2	11070.5	13177.2
45°	13872.4	13767.1	12934.9	11407.6	10817.7	11196.9	11239.1	11376.0	10870.4	11228.5	13387.9
47.5°	14062.0	14040.9	13061.3	11860.5	12060.7	12576.8	12819.1	12629.5	11365.5	11060.0	13387.9
50°	14251.6	14072.5	13177.2	12482.0	13272.0	14314.8	14262.1	13914.5	12050.1	11270.7	13187.7
52.5°	14378.0	14220.0	13408.9	13040.3	14430.7	15610.4	15821.1	15178.5	12850.7	11660.4	13282.5
55°	14830.9	14704.5	14104.1	13798.7	15768.4	16979.7	17011.3	16116.0	13693.3	12302.9	13904.0
57.5°	15378.7	15452.4	15062.7	14873.1	16790.1	17980.4	17864.5	16811.2	14409.6	13082.4	14620.3
60°	15768.4	15884.3	15789.5	15810.5	17295.7	18317.5	18054.1	17243.1	14936.3	13672.3	15494.5
62.5°	15557.7	15789.5	16179.2	16094.9	17316.8	18075.2	17706.5	16674.3	14999.5	14441.2	16158.1
65°	14978.4	14999.5	15757.9	16221.3	16368.8	16821.7	16337.2	15484.0	14346.4	14915.2	16063.3
67.5°	13493.2	13661.7	14346.4	15252.3	14630.8	14736.1	14694.0	13461.6	13356.3	14588.7	15336.5
70°	11913.2	12029.1	12776.9	13840.8	12355.6	11860.5	11955.3	11038.9	11470.8	13577.5	13872.4
72.5°	9848.7	9922.4	10775.6	11713.1	9911.9	9027.1	9248.3	8500.4	9111.3	11881.6	11702.5
75°	7436.5	7573.5	8237.1	9343.1	7299.6	6730.8	6952.0	6646.5	7215.3	9785.5	9079.7
77.5°	5287.7	5182.4	6004.0	7310.1	5487.9	5150.8	5171.9	5224.5	5835.5	8247.6	6520.1
80°	3602.4	3634.0	4371.3	5361.5	4308.1	4255.5	4202.8	4624.1	4898.0	6530.7	4740.0
82.5°	2138.3	2138.3	2949.3	3813.1	3402.3	3834.1	3591.9	3971.1	3834.1	4803.2	3107.3
85°	1000.7	1000.7	1516.8	2749.2	2633.3	3160.0	2686.0	3002.0	2833.5	3349.6	1400.9
87.5°	168.5	147.5	305.5	1348.3	1084.9	1232.4	484.5	1601.1	1780.1	2338.4	347.6
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°	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0
2.5°	7826.3	7752.5	7605.1	7415.5	7257.5	7057.3	6994.1	6857.2	6667.6	6646.5	6562.3
5°	7373.3	7120.5	6804.5	6414.8	6151.5	5877.6	5645.9	5508.9	5350.9	5329.9	5287.7
7.5°	6878.3	6562.3	6035.6	5572.1	5119.2	4687.3	4476.7	4213.3	4034.3	3897.3	3834.1
10°	6414.8	6119.9	5466.8	4834.8	4434.5	4150.1	3897.3	3623.5	3402.3	3233.7	3170.5
12.5°	6109.3	5761.7	5056.0	4455.6	4160.7	3834.1	3549.7	3254.8	2970.4	2749.2	2633.3
15°	5972.4	5645.9	4929.6	4266.0	3834.1	3381.2	3054.7	2759.7	2412.1	2254.1	2201.5
17.5°	6298.9	5814.4	4887.5	4044.8	3433.9	2917.7	2517.5	2201.5	1948.7	1790.7	1727.5
20°	6720.3	6119.9	4961.2	3781.5	3054.7	2475.3	2032.9	1695.9	1527.3	1411.5	1400.9
22.5°	7257.5	6572.8	5077.1	3591.9	2633.3	1990.8	1590.5	1390.4	1274.5	1264.0	1242.9
25°	8216.0	7394.4	5266.7	3339.1	2296.3	1643.2	1358.8	1242.9	1190.3	1158.7	1179.7
27.5°	9037.6	7931.6	5403.6	3181.1	2159.3	1548.4	1316.7	1190.3	1137.6	1127.1	1137.6
30°	9522.1	8426.7	5361.5	2886.1	1885.5	1474.7	1400.9	1358.8	1253.5	1169.2	1169.2
32.5°	9964.5	8742.7	5350.9	2622.8	1611.6	1232.4	1169.2	1137.6	1200.8	1242.9	1211.3
35°	10575.5	9237.7	5319.3	2475.3	1495.7	1137.6	1032.3	948.0	905.9	884.8	916.4
37.5°	11228.5	9574.8	5235.1	2454.3	1432.5	1084.9	1000.7	916.4	874.3	853.2	842.7
40°	11944.8	9932.9	5140.3	2348.9	1400.9	1053.3	969.1	895.3	842.7	811.1	800.5
42.5°	12408.3	10217.3	5045.5	2296.3	1337.7	1032.3	937.5	874.3	821.6	779.5	779.5
45°	12671.6	10554.4	4950.7	2243.6	1264.0	1042.8	937.5	853.2	790.0	768.9	747.9
47.5°	12787.5	10807.2	4919.1	2159.3	1200.8	1000.7	916.4	832.1	768.9	726.8	716.3
50°	13092.9	11344.4	5034.9	2096.1	1127.1	958.5	969.1	821.6	758.4	705.7	695.2
52.5°	13272.0	11776.3	5287.7	2001.3	1074.4	905.9	948.0	800.5	726.8	674.1	674.1
55°	13925.1	12492.5	5561.6	1927.6	1011.2	832.1	874.3	758.4	674.1	642.5	642.5
57.5°	14757.2	13250.9	5793.3	1896.0	969.1	779.5	779.5	737.3	642.5	600.4	589.9
60°	15336.5	13872.4	5930.3	1874.9	926.9	726.8	695.2	737.3	610.9	568.8	558.3
62.5°	15399.7	13514.3	5793.3	1864.4	916.4	674.1	632.0	705.7	579.3	537.2	516.1
65°	14999.5	12787.5	5414.1	1822.3	905.9	621.5	589.9	610.9	537.2	505.6	484.5
67.5°	14198.9	11607.7	4866.4	1801.2	895.3	579.3	537.2	526.7	495.1	463.5	442.4
70°	12334.5	10069.9	4223.9	1706.4	874.3	547.7	484.5	474.0	442.4	421.3	410.8
72.5°	10354.3	8237.1	3486.5	1580.0	832.1	495.1	442.4	421.3	410.8	379.2	368.7
75°	7931.6	6341.1	2791.3	1400.9	726.8	442.4	389.7	368.7	358.1	337.1	326.5
77.5°	5572.1	4718.9	2064.5	1137.6	610.9	400.3	347.6	326.5	316.0	284.4	284.4
80°	3781.5	3307.5	1400.9	790.0	474.0	326.5	305.5	284.4	263.3	242.3	242.3
82.5°	2348.9	2317.3	1011.2	516.1	347.6	263.3	242.3	242.3	210.7	189.6	189.6
85°	1074.4	1422.0	705.7	358.1	263.3	200.1	200.1	189.6	168.5	136.9	136.9
87.5°	337.1	474.0	368.7	158.0	147.5	115.9	115.9	105.3	105.3	84.3	84.3
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°	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0
2.5°	6646.5	6636.0	6636.0	6593.9	6699.2	6699.2	6762.4	6709.7	6741.3	6751.9	6836.1
5°	5277.2	5361.5	5424.7	5551.1	5624.8	5656.4	5656.4	5740.7	5709.1	5772.3	5898.7
7.5°	3865.7	3971.1	4160.7	4318.7	4445.1	4487.2	4476.7	4497.7	4529.3	4455.6	4476.7
10°	3128.4	3054.7	3117.9	3265.3	3381.2	3518.1	3412.8	3402.3	3433.9	3402.3	3465.5
12.5°	2612.3	2528.0	2475.3	2475.3	2559.6	2622.8	2591.2	2643.9	2759.7	2791.3	2865.1
15°	2117.2	2043.5	2001.3	1948.7	2032.9	2054.0	2085.6	2159.3	2243.6	2285.7	2370.0
17.5°	1695.9	1695.9	1695.9	1653.7	1685.3	1716.9	1727.5	1822.3	1832.8	1874.9	1906.5
20°	1390.4	1422.0	1474.7	1495.7	1527.3	1527.3	1506.3	1558.9	1516.8	1548.4	1569.5
22.5°	1253.5	1295.6	1316.7	1327.2	1369.3	1379.9	1327.2	1337.7	1348.3	1316.7	1327.2
25°	1179.7	1200.8	1179.7	1190.3	1200.8	1179.7	1190.3	1211.3	1200.8	1221.9	1211.3
27.5°	1148.1	1127.1	1116.5	1106.0	1106.0	1084.9	1095.5	1095.5	1116.5	1127.1	1127.1
30°	1148.1	1116.5	1074.4	1042.8	1042.8	1011.2	1032.3	1053.3	1063.9	1084.9	1084.9
32.5°	1179.7	1116.5	1042.8	1011.2	979.6	958.5	979.6	1011.2	1053.3	1063.9	1074.4
35°	937.5	969.1	958.5	916.4	905.9	905.9	895.3	895.3	863.7	863.7	853.2
37.5°	842.7	832.1	853.2	863.7	874.3	842.7	842.7	800.5	790.0	800.5	800.5
40°	790.0	790.0	790.0	821.6	832.1	811.1	779.5	758.4	758.4	758.4	768.9
42.5°	768.9	747.9	737.3	758.4	790.0	768.9	737.3	726.8	726.8	737.3	737.3
45°	737.3	726.8	716.3	705.7	747.9	716.3	705.7	695.2	695.2	695.2	705.7
47.5°	705.7	695.2	674.1	674.1	684.7	674.1	663.6	663.6	663.6	684.7	684.7
50°	684.7	674.1	653.1	653.1	653.1	653.1	642.5	642.5	642.5	653.1	663.6
52.5°	653.1	642.5	632.0	621.5	621.5	621.5	621.5	621.5	621.5	632.0	642.5
55°	621.5	610.9	600.4	600.4	610.9	610.9	600.4	610.9	600.4	610.9	621.5
57.5°	589.9	579.3	568.8	579.3	589.9	579.3	579.3	579.3	579.3	579.3	589.9
60°	547.7	547.7	547.7	547.7	568.8	568.8	568.8	568.8	547.7	558.3	568.8
62.5°	526.7	516.1	516.1	526.7	537.2	537.2	547.7	537.2	526.7	537.2	537.2
65°	484.5	484.5	484.5	495.1	495.1	505.6	505.6	505.6	495.1	505.6	505.6
67.5°	452.9	452.9	452.9	452.9	474.0	474.0	474.0	474.0	463.5	463.5	474.0
70°	400.3	410.8	400.3	421.3	442.4	431.9	442.4	442.4	431.9	421.3	442.4
72.5°	368.7	368.7	368.7	368.7	400.3	400.3	400.3	410.8	400.3	389.7	400.3
75°	326.5	326.5	326.5	337.1	358.1	358.1	358.1	358.1	358.1	347.6	347.6
77.5°	284.4	294.9	284.4	294.9	316.0	305.5	316.0	326.5	316.0	305.5	305.5
80°	242.3	242.3	242.3	252.8	263.3	263.3	263.3	273.9	263.3	252.8	252.8
82.5°	189.6	189.6	200.1	200.1	210.7	210.7	210.7	221.2	210.7	200.1	200.1
85°	147.5	147.5	147.5	158.0	158.0	168.5	168.5	179.1	179.1	168.5	168.5
87.5°	94.8	84.3	94.8	94.8	105.3	105.3	94.8	84.3	94.8	84.3	73.7
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: P598888
 CATALOG NUMBER: IFLD-S-SA6B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0	7584.0
2.5°	6920.4	7110.0	7246.9	7341.7	7478.7	7742.0	7847.3	8036.9	8089.6	8121.2
5°	5951.3	6151.5	6446.4	6657.1	6899.3	7394.4	7773.6	8058.0	8184.4	8300.3
7.5°	4666.3	4929.6	5235.1	5508.9	5909.2	6520.1	7015.2	7605.1	7826.3	7942.1
10°	3644.5	3886.8	4223.9	4560.9	5119.2	5635.3	6341.1	6878.3	7183.7	7268.0
12.5°	3075.7	3360.1	3760.4	4171.2	4518.8	5108.7	5824.9	6604.4	6888.8	6941.5
15°	2612.3	3002.0	3412.8	3834.1	4234.4	4750.5	5519.5	6467.5	6888.8	6941.5
17.5°	2159.3	2506.9	2991.5	3444.4	3907.9	4613.6	5572.1	6583.3	7004.7	7162.7
20°	1716.9	2054.0	2433.2	3002.0	3634.0	4381.9	5688.0	6973.1	7531.3	7699.9
22.5°	1422.0	1569.5	1938.1	2485.9	3233.7	4223.9	5803.9	7584.0	8173.9	8237.1
25°	1242.9	1348.3	1580.0	2096.1	2917.7	4118.5	6077.7	8289.7	9048.1	9048.1
27.5°	1158.7	1200.8	1358.8	1822.3	2696.5	4023.7	6351.6	9069.2	9774.9	9922.4
30°	1137.6	1242.9	1327.2	1622.1	2454.3	3760.4	6604.4	9680.1	10406.9	10417.5
32.5°	1116.5	1095.5	1158.7	1411.5	2159.3	3486.5	6815.1	10301.6	10870.4	10902.0
35°	874.3	916.4	1021.7	1242.9	1938.1	3286.4	6920.4	10638.7	11460.3	11491.9
37.5°	821.6	874.3	958.5	1148.1	1790.7	3117.9	6952.0	11291.7	12081.7	12144.9
40°	800.5	842.7	905.9	1063.9	1674.8	2907.2	7015.2	11965.9	12998.1	12913.9
42.5°	758.4	811.1	874.3	1021.7	1580.0	2749.2	7025.7	12334.5	13482.7	13482.7
45°	747.9	779.5	853.2	1021.7	1474.7	2612.3	6857.2	12703.2	14040.9	13872.4
47.5°	705.7	768.9	832.1	990.1	1348.3	2475.3	6657.1	12892.8	14114.7	14062.0
50°	695.2	758.4	863.7	937.5	1274.5	2412.1	6614.9	13366.8	14262.1	14251.6
52.5°	674.1	737.3	895.3	895.3	1179.7	2327.9	6815.1	13577.5	14293.7	14378.0
55°	642.5	737.3	832.1	821.6	1095.5	2222.5	7036.3	14125.2	14852.0	14830.9
57.5°	621.5	716.3	790.0	747.9	1000.7	2148.8	7362.8	14651.9	15526.1	15378.7
60°	589.9	716.3	705.7	695.2	926.9	2085.6	7636.7	14757.2	15673.6	15768.4
62.5°	568.8	747.9	621.5	642.5	863.7	2054.0	7520.8	13967.2	15473.5	15557.7
65°	547.7	642.5	568.8	589.9	842.7	1990.8	7067.9	13019.2	14609.7	14978.4
67.5°	505.6	526.7	526.7	547.7	821.6	1843.3	6140.9	11312.8	13293.1	13493.2
70°	463.5	474.0	474.0	505.6	800.5	1674.8	5066.5	9785.5	11534.0	11913.2
72.5°	421.3	421.3	421.3	463.5	737.3	1537.9	4171.2	7520.8	9585.3	9848.7
75°	368.7	368.7	368.7	410.8	663.6	1400.9	3286.4	5593.2	7057.3	7436.5
77.5°	326.5	326.5	316.0	368.7	579.3	1137.6	2370.0	3950.0	4971.7	5287.7
80°	273.9	263.3	263.3	294.9	452.9	821.6	1527.3	2791.3	3465.5	3602.4
82.5°	221.2	210.7	200.1	221.2	326.5	516.1	948.0	1948.7	2222.5	2138.3
85°	210.7	221.2	179.1	168.5	231.7	337.1	600.4	1200.8	1000.7	1000.7
87.5°	84.3	73.7	73.7	63.2	115.9	126.4	263.3	221.2	168.5	168.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)