

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: P599073

Luminaire Tested: **IFLD-L-SA7C-827-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599073
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7C-827-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (112) 2700K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

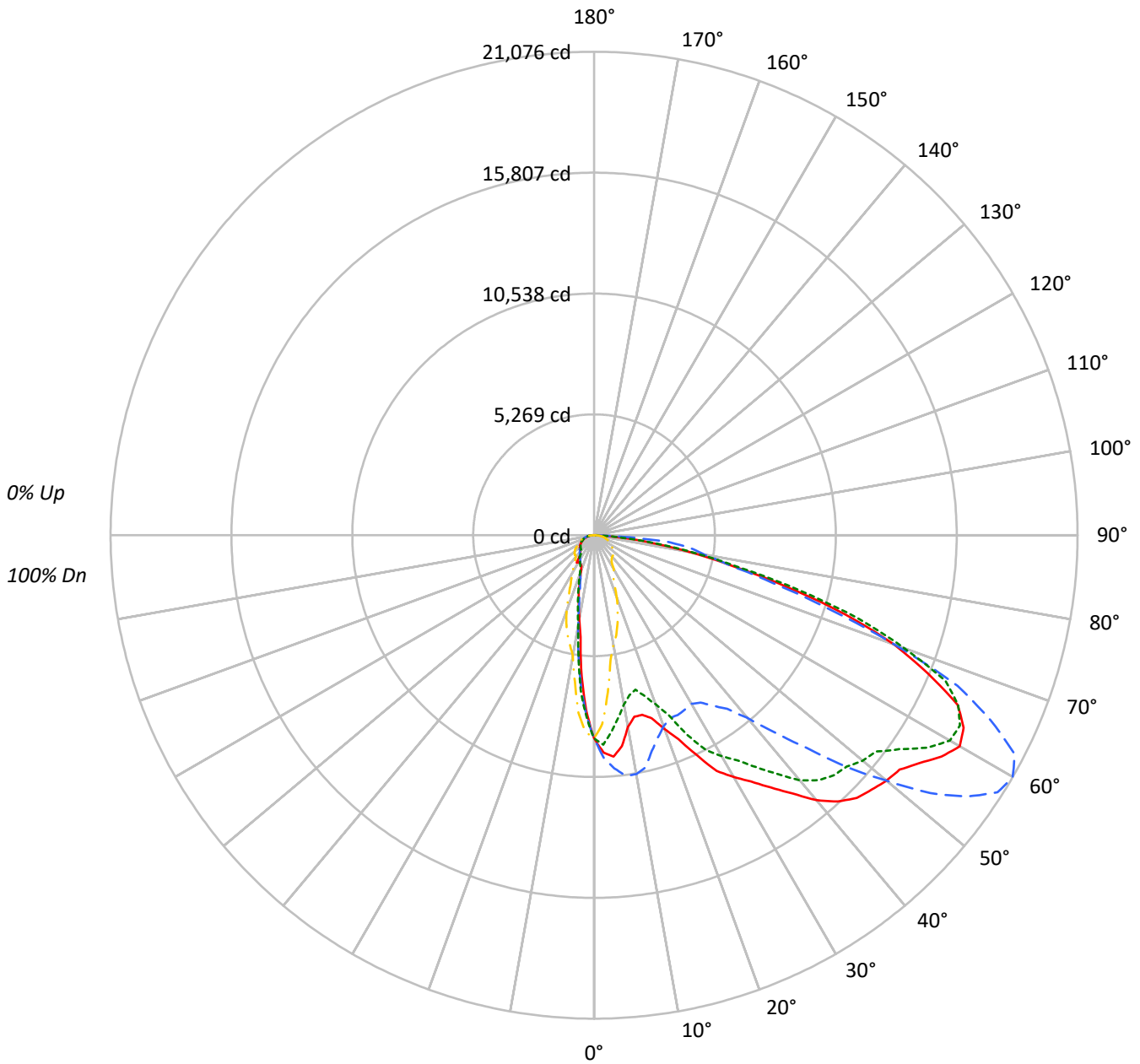
Lumens per Lamp: N/A
 Luminaire Lumens: 27719.1 lumens
 Efficiency: N/A
 Efficacy: 75.1 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 369
 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°	47648	47648	47648	47648
5°	52348	46502	33348	36404
10°	46367	40924	20227	21705
15°	45150	38847	14319	14867
20°	51481	44931	9367	10353
25°	62724	56955	8178	8470
30°	75575	69080	8482	7871
35°	88141	81112	7029	6625
40°	105914	97966	6565	6220
45°	123258	112589	6645	6177
50°	139298	127973	6795	6383
55°	162452	152530	7038	6692
60°	198138	192711	7015	7015
65°	222672	222985	7203	7516
70°	218839	226580	7547	7740
75°	180519	192536	7927	8438
80°	130337	136818	8765	9146
85°	72131	77448	9874	12146

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	687.8	2.5
10°-20°	1452.1	5.2
20°-30°	2124.6	7.7
30°-40°	2993.5	10.8
40°-50°	4114.0	14.8
50°-60°	5606.9	20.2
60°-70°	6136.5	22.1
70°-80°	3542.8	12.8
80°-90°	1060.9	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°	4264.6	15.4
0°-40°	7258.1	26.2
0°-60°	16978.9	61.3
0°-90°	27719.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	27719.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8853	8853	8853	8853	8853	
5°	9690	8607	6173	6738	9690	880
15°	8103	6972	2570	2668	8103	2367
25°	10562	9591	1377	1426	10562	4946
35°	13415	12346	1070	1008	13415	8506
45°	16194	14792	873	812	16194	12447
55°	17313	16256	750	713	17313	15622
65°	17485	17510	566	590	17485	16735
75°	8681	9259	381	406	8681	9325
85°	1168	1254	160	197	1168	1621
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°	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3
2.5°	9480.4	9443.6	9480.4	9615.7	9652.6	9714.1	9714.1	9628.0	9468.2	9394.4	9271.4
5°	9689.5	9628.0	9935.4	10218.2	10439.6	10415.0	10205.9	10033.8	9714.1	9234.5	8779.6
7.5°	9271.4	9332.9	9554.2	10292.0	10808.5	10906.8	10574.8	10230.5	9541.9	8877.9	8263.1
10°	8484.4	8570.5	9050.1	9812.4	10624.0	10783.9	10574.8	10156.7	9332.9	8509.0	7795.9
12.5°	8103.3	8300.0	8582.8	9505.0	10083.0	10464.2	10365.8	10095.3	9173.0	8201.6	7513.0
15°	8103.3	8152.4	8570.5	9345.2	9677.2	9689.5	9726.4	9775.6	9222.2	8336.9	7414.7
17.5°	8361.5	8496.7	8853.3	9332.9	9394.4	9246.8	9246.8	9455.9	9320.6	8718.1	7771.3
20°	8988.6	8939.4	9406.7	9603.4	9271.4	8902.5	8865.6	9222.2	9431.3	9123.9	8423.0
22.5°	9615.7	9837.0	10218.2	9775.6	9160.7	8668.9	8619.7	9062.4	9763.3	9824.7	9173.0
25°	10562.5	10783.9	10980.6	10439.6	9148.4	8607.4	8644.3	8988.6	10169.0	10820.7	10427.3
27.5°	11583.1	11718.4	12001.2	11165.0	9443.6	8533.6	8570.5	9087.0	10550.2	11472.5	11411.0
30°	12161.0	12308.6	12247.1	11300.3	9640.3	8582.8	8484.4	9222.2	10341.2	11472.5	12050.4
32.5°	12726.7	12640.6	12603.7	11521.6	9886.2	8890.2	8644.3	9505.0	10464.2	11656.9	12874.2
35°	13415.3	13292.3	13193.9	11952.0	10292.0	9185.3	9074.7	9873.9	10734.7	12038.1	13538.2
37.5°	14177.6	14177.6	13698.1	12271.7	10771.6	9664.9	9541.9	10402.7	11165.0	12271.7	14448.2
40°	15075.3	15112.2	14263.7	12702.1	11312.6	10427.3	10390.4	11091.3	11583.1	12616.0	15321.2
42.5°	15739.3	15763.9	14755.6	12861.9	11939.7	11484.7	11644.6	12197.9	12062.7	12923.4	15382.7
45°	16194.2	16071.3	15099.9	13316.9	12628.3	13071.0	13120.2	13280.0	12689.8	13107.9	15628.6
47.5°	16415.6	16391.0	15247.4	13845.6	14079.3	14681.8	14964.6	14743.3	13267.7	12911.1	15628.6
50°	16636.9	16427.9	15382.7	14571.1	15493.3	16710.7	16649.2	16243.4	14067.0	13157.0	15395.0
52.5°	16784.5	16600.0	15653.2	15222.8	16845.9	18223.1	18469.0	17719.0	15001.5	13612.0	15505.6
55°	17313.2	17165.6	16464.7	16108.2	18407.6	19821.6	19858.5	18813.3	15985.2	14362.1	16231.1
57.5°	17952.6	18038.7	17583.7	17362.4	19600.3	20989.8	20854.5	19624.9	16821.3	15272.0	17067.3
60°	18407.6	18542.8	18432.2	18456.8	20190.5	21383.3	21075.9	20129.0	17436.2	15960.6	18087.9
62.5°	18161.6	18432.2	18887.1	18788.8	20215.1	21100.5	20670.1	19465.0	17509.9	16858.2	18862.5
65°	17485.3	17509.9	18395.3	18936.3	19108.5	19637.2	19071.6	18075.6	16747.6	17411.6	18751.9
67.5°	15751.6	15948.3	16747.6	17805.0	17079.6	17202.5	17153.3	15714.7	15591.7	17030.4	17903.4
70°	13907.1	14042.4	14915.4	16157.3	14423.6	13845.6	13956.3	12886.5	13390.7	15849.9	16194.2
72.5°	11497.0	11583.1	12579.1	13673.5	11570.8	10537.9	10796.2	9923.1	10636.3	13870.2	13661.2
75°	8681.2	8841.0	9615.7	10906.8	8521.3	7857.3	8115.6	7759.0	8423.0	11423.3	10599.4
77.5°	6172.7	6049.8	7008.9	8533.6	6406.4	6012.9	6037.5	6099.0	6812.2	9628.0	7611.4
80°	4205.3	4242.2	5103.0	6258.8	5029.2	4967.7	4906.2	5398.1	5717.8	7623.7	5533.3
82.5°	2496.1	2496.1	3443.0	4451.3	3971.7	4475.9	4193.0	4635.7	4475.9	5607.1	3627.4
85°	1168.1	1168.1	1770.7	3209.3	3074.1	3688.9	3135.6	3504.4	3307.7	3910.2	1635.4
87.5°	196.7	172.1	356.6	1573.9	1266.5	1438.7	565.6	1869.0	2078.1	2729.8	405.8
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°	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3
2.5°	9136.2	9050.1	8877.9	8656.6	8472.2	8238.5	8164.7	8004.9	7783.6	7759.0	7660.6
5°	8607.4	8312.3	7943.4	7488.4	7181.0	6861.3	6590.8	6431.0	6246.5	6221.9	6172.7
7.5°	8029.5	7660.6	7045.8	6504.7	5976.0	5471.9	5225.9	4918.5	4709.5	4549.6	4475.9
10°	7488.4	7144.2	6381.8	5644.0	5176.7	4844.7	4549.6	4229.9	3971.7	3775.0	3701.2
12.5°	7131.9	6726.1	5902.2	5201.3	4857.0	4475.9	4143.9	3799.6	3467.6	3209.3	3074.1
15°	6972.0	6590.8	5754.7	4980.0	4475.9	3947.1	3565.9	3221.6	2815.9	2631.4	2569.9
17.5°	7353.2	6787.6	5705.5	4721.8	4008.6	3406.1	2938.8	2569.9	2274.8	2090.4	2016.6
20°	7845.0	7144.2	5791.6	4414.4	3565.9	2889.6	2373.2	1979.7	1783.0	1647.7	1635.4
22.5°	8472.2	7672.9	5926.8	4193.0	3074.1	2324.0	1856.7	1623.1	1487.9	1475.6	1451.0
25°	9591.1	8632.0	6148.2	3897.9	2680.6	1918.2	1586.2	1451.0	1389.5	1352.6	1377.2
27.5°	10550.2	9259.1	6308.0	3713.5	2520.7	1807.6	1537.0	1389.5	1328.0	1315.7	1328.0
30°	11115.9	9837.0	6258.8	3369.2	2201.0	1721.5	1635.4	1586.2	1463.3	1364.9	1364.9
32.5°	11632.3	10205.9	6246.5	3061.8	1881.3	1438.7	1364.9	1328.0	1401.8	1451.0	1414.1
35°	12345.5	10783.9	6209.6	2889.6	1746.1	1328.0	1205.0	1106.7	1057.5	1032.9	1069.8
37.5°	13107.9	11177.3	6111.3	2865.0	1672.3	1266.5	1168.1	1069.8	1020.6	996.0	983.7
40°	13944.0	11595.4	6000.6	2742.1	1635.4	1229.6	1131.3	1045.2	983.7	946.8	934.5
42.5°	14485.0	11927.4	5889.9	2680.6	1561.6	1205.0	1094.4	1020.6	959.1	909.9	909.9
45°	14792.5	12320.9	5779.3	2619.1	1475.6	1217.3	1094.4	996.0	922.2	897.6	873.0
47.5°	14927.7	12616.0	5742.4	2520.7	1401.8	1168.1	1069.8	971.4	897.6	848.4	836.1
50°	15284.3	13243.1	5877.6	2447.0	1315.7	1119.0	1131.3	959.1	885.3	823.9	811.6
52.5°	15493.3	13747.3	6172.7	2336.3	1254.2	1057.5	1106.7	934.5	848.4	787.0	787.0
55°	16255.7	14583.4	6492.4	2250.2	1180.4	971.4	1020.6	885.3	787.0	750.1	750.1
57.5°	17227.1	15468.7	6763.0	2213.3	1131.3	909.9	909.9	860.7	750.1	700.9	688.6
60°	17903.4	16194.2	6922.8	2188.7	1082.1	848.4	811.6	860.7	713.2	664.0	651.7
62.5°	17977.2	15776.2	6763.0	2176.4	1069.8	787.0	737.8	823.9	676.3	627.1	602.5
65°	17509.9	14927.7	6320.3	2127.3	1057.5	725.5	688.6	713.2	627.1	590.2	565.6
67.5°	16575.4	13550.5	5680.9	2102.7	1045.2	676.3	627.1	614.8	577.9	541.0	516.4
70°	14399.0	11755.3	4930.8	1992.0	1020.6	639.4	565.6	553.3	516.4	491.9	479.6
72.5°	12087.3	9615.7	4070.1	1844.4	971.4	577.9	516.4	491.9	479.6	442.7	430.4
75°	9259.1	7402.4	3258.5	1635.4	848.4	516.4	455.0	430.4	418.1	393.5	381.2
77.5°	6504.7	5508.7	2410.1	1328.0	713.2	467.3	405.8	381.2	368.9	332.0	332.0
80°	4414.4	3861.0	1635.4	922.2	553.3	381.2	356.6	332.0	307.4	282.8	282.8
82.5°	2742.1	2705.2	1180.4	602.5	405.8	307.4	282.8	282.8	245.9	221.3	221.3
85°	1254.2	1660.0	823.9	418.1	307.4	233.6	233.6	221.3	196.7	159.9	159.9
87.5°	393.5	553.3	430.4	184.4	172.1	135.3	135.3	123.0	123.0	98.4	98.4
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3
2.5°	7759.0	7746.7	7746.7	7697.5	7820.4	7820.4	7894.2	7832.7	7869.6	7881.9	7980.3
5°	6160.4	6258.8	6332.6	6480.2	6566.2	6603.1	6603.1	6701.5	6664.6	6738.4	6885.9
7.5°	4512.7	4635.7	4857.0	5041.5	5189.0	5238.2	5225.9	5250.5	5287.4	5201.3	5225.9
10°	3652.0	3565.9	3639.7	3811.9	3947.1	4107.0	3984.0	3971.7	4008.6	3971.7	4045.5
12.5°	3049.5	2951.1	2889.6	2889.6	2988.0	3061.8	3024.9	3086.4	3221.6	3258.5	3344.6
15°	2471.6	2385.5	2336.3	2274.8	2373.2	2397.8	2434.7	2520.7	2619.1	2668.3	2766.7
17.5°	1979.7	1979.7	1979.7	1930.5	1967.4	2004.3	2016.6	2127.3	2139.6	2188.7	2225.6
20°	1623.1	1660.0	1721.5	1746.1	1783.0	1783.0	1758.4	1819.9	1770.7	1807.6	1832.1
22.5°	1463.3	1512.4	1537.0	1549.3	1598.5	1610.8	1549.3	1561.6	1573.9	1537.0	1549.3
25°	1377.2	1401.8	1377.2	1389.5	1401.8	1377.2	1389.5	1414.1	1401.8	1426.4	1414.1
27.5°	1340.3	1315.7	1303.4	1291.1	1291.1	1266.5	1278.8	1278.8	1303.4	1315.7	1315.7
30°	1340.3	1303.4	1254.2	1217.3	1217.3	1180.4	1205.0	1229.6	1241.9	1266.5	1266.5
32.5°	1377.2	1303.4	1217.3	1180.4	1143.6	1119.0	1143.6	1180.4	1229.6	1241.9	1254.2
35°	1094.4	1131.3	1119.0	1069.8	1057.5	1057.5	1045.2	1045.2	1008.3	1008.3	996.0
37.5°	983.7	971.4	996.0	1008.3	1020.6	983.7	983.7	934.5	922.2	934.5	934.5
40°	922.2	922.2	922.2	959.1	971.4	946.8	909.9	885.3	885.3	885.3	897.6
42.5°	897.6	873.0	860.7	885.3	922.2	897.6	860.7	848.4	848.4	860.7	860.7
45°	860.7	848.4	836.1	823.9	873.0	836.1	823.9	811.6	811.6	811.6	823.9
47.5°	823.9	811.6	787.0	787.0	799.3	787.0	774.7	774.7	774.7	799.3	799.3
50°	799.3	787.0	762.4	762.4	762.4	762.4	750.1	750.1	750.1	762.4	774.7
52.5°	762.4	750.1	737.8	725.5	725.5	725.5	725.5	725.5	725.5	737.8	750.1
55°	725.5	713.2	700.9	700.9	713.2	713.2	700.9	713.2	700.9	713.2	725.5
57.5°	688.6	676.3	664.0	676.3	688.6	676.3	676.3	676.3	676.3	676.3	688.6
60°	639.4	639.4	639.4	639.4	664.0	664.0	664.0	664.0	639.4	651.7	664.0
62.5°	614.8	602.5	602.5	614.8	627.1	627.1	639.4	627.1	614.8	627.1	627.1
65°	565.6	565.6	565.6	577.9	577.9	590.2	590.2	590.2	577.9	590.2	590.2
67.5°	528.7	528.7	528.7	528.7	553.3	553.3	553.3	553.3	541.0	541.0	553.3
70°	467.3	479.6	467.3	491.9	516.4	504.1	516.4	516.4	504.1	491.9	516.4
72.5°	430.4	430.4	430.4	430.4	467.3	467.3	467.3	479.6	467.3	455.0	467.3
75°	381.2	381.2	381.2	393.5	418.1	418.1	418.1	418.1	418.1	405.8	405.8
77.5°	332.0	344.3	332.0	344.3	368.9	356.6	368.9	381.2	368.9	356.6	356.6
80°	282.8	282.8	282.8	295.1	307.4	307.4	307.4	319.7	307.4	295.1	295.1
82.5°	221.3	221.3	233.6	233.6	245.9	245.9	245.9	258.2	245.9	233.6	233.6
85°	172.1	172.1	172.1	184.4	184.4	196.7	196.7	209.0	209.0	196.7	196.7
87.5°	110.7	98.4	110.7	110.7	123.0	123.0	110.7	98.4	110.7	98.4	86.1
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: P599073
 CATALOG NUMBER: IFLD-L-SA7C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3	8853.3
2.5°	8078.7	8300.0	8459.9	8570.5	8730.4	9037.8	9160.7	9382.1	9443.6	9480.4
5°	6947.4	7181.0	7525.3	7771.3	8054.1	8632.0	9074.7	9406.7	9554.2	9689.5
7.5°	5447.3	5754.7	6111.3	6431.0	6898.2	7611.4	8189.3	8877.9	9136.2	9271.4
10°	4254.5	4537.3	4930.8	5324.3	5976.0	6578.5	7402.4	8029.5	8386.1	8484.4
12.5°	3590.5	3922.5	4389.8	4869.3	5275.1	5963.7	6799.9	7709.8	8041.8	8103.3
15°	3049.5	3504.4	3984.0	4475.9	4943.1	5545.6	6443.3	7549.9	8041.8	8103.3
17.5°	2520.7	2926.5	3492.2	4020.9	4561.9	5385.8	6504.7	7685.2	8177.0	8361.5
20°	2004.3	2397.8	2840.4	3504.4	4242.2	5115.3	6640.0	8140.2	8791.9	8988.6
22.5°	1660.0	1832.1	2262.5	2901.9	3775.0	4930.8	6775.3	8853.3	9541.9	9615.7
25°	1451.0	1573.9	1844.4	2447.0	3406.1	4807.9	7095.0	9677.2	10562.5	10562.5
27.5°	1352.6	1401.8	1586.2	2127.3	3147.9	4697.2	7414.7	10587.1	11411.0	11583.1
30°	1328.0	1451.0	1549.3	1893.6	2865.0	4389.8	7709.8	11300.3	12148.7	12161.0
32.5°	1303.4	1278.8	1352.6	1647.7	2520.7	4070.1	7955.7	12025.8	12689.8	12726.7
35°	1020.6	1069.8	1192.7	1451.0	2262.5	3836.4	8078.7	12419.3	13378.4	13415.3
37.5°	959.1	1020.6	1119.0	1340.3	2090.4	3639.7	8115.6	13181.6	14103.9	14177.6
40°	934.5	983.7	1057.5	1241.9	1955.1	3393.8	8189.3	13968.6	15173.6	15075.3
42.5°	885.3	946.8	1020.6	1192.7	1844.4	3209.3	8201.6	14399.0	15739.3	15739.3
45°	873.0	909.9	996.0	1192.7	1721.5	3049.5	8004.9	14829.3	16391.0	16194.2
47.5°	823.9	897.6	971.4	1155.9	1573.9	2889.6	7771.3	15050.7	16477.0	16415.6
50°	811.6	885.3	1008.3	1094.4	1487.9	2815.9	7722.1	15604.0	16649.2	16636.9
52.5°	787.0	860.7	1045.2	1045.2	1377.2	2717.5	7955.7	15849.9	16686.1	16784.5
55°	750.1	860.7	971.4	959.1	1278.8	2594.5	8213.9	16489.3	17337.8	17313.2
57.5°	725.5	836.1	922.2	873.0	1168.1	2508.4	8595.1	17104.2	18124.8	17952.6
60°	688.6	836.1	823.9	811.6	1082.1	2434.7	8914.8	17227.1	18296.9	18407.6
62.5°	664.0	873.0	725.5	750.1	1008.3	2397.8	8779.6	16304.9	18063.3	18161.6
65°	639.4	750.1	664.0	688.6	983.7	2324.0	8250.8	15198.2	17055.0	17485.3
67.5°	590.2	614.8	614.8	639.4	959.1	2151.9	7168.7	13206.2	15517.9	15751.6
70°	541.0	553.3	553.3	590.2	934.5	1955.1	5914.5	11423.3	13464.5	13907.1
72.5°	491.9	491.9	491.9	541.0	860.7	1795.3	4869.3	8779.6	11189.6	11497.0
75°	430.4	430.4	430.4	479.6	774.7	1635.4	3836.4	6529.3	8238.5	8681.2
77.5°	381.2	381.2	368.9	430.4	676.3	1328.0	2766.7	4611.1	5803.9	6172.7
80°	319.7	307.4	307.4	344.3	528.7	959.1	1783.0	3258.5	4045.5	4205.3
82.5°	258.2	245.9	233.6	258.2	381.2	602.5	1106.7	2274.8	2594.5	2496.1
85°	245.9	258.2	209.0	196.7	270.5	393.5	700.9	1401.8	1168.1	1168.1
87.5°	98.4	86.1	86.1	73.8	135.3	147.6	307.4	258.2	196.7	196.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)