

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: P599513

Luminaire Tested: **IFLD-L-SA8C-740-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599513
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8C-740-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (128) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

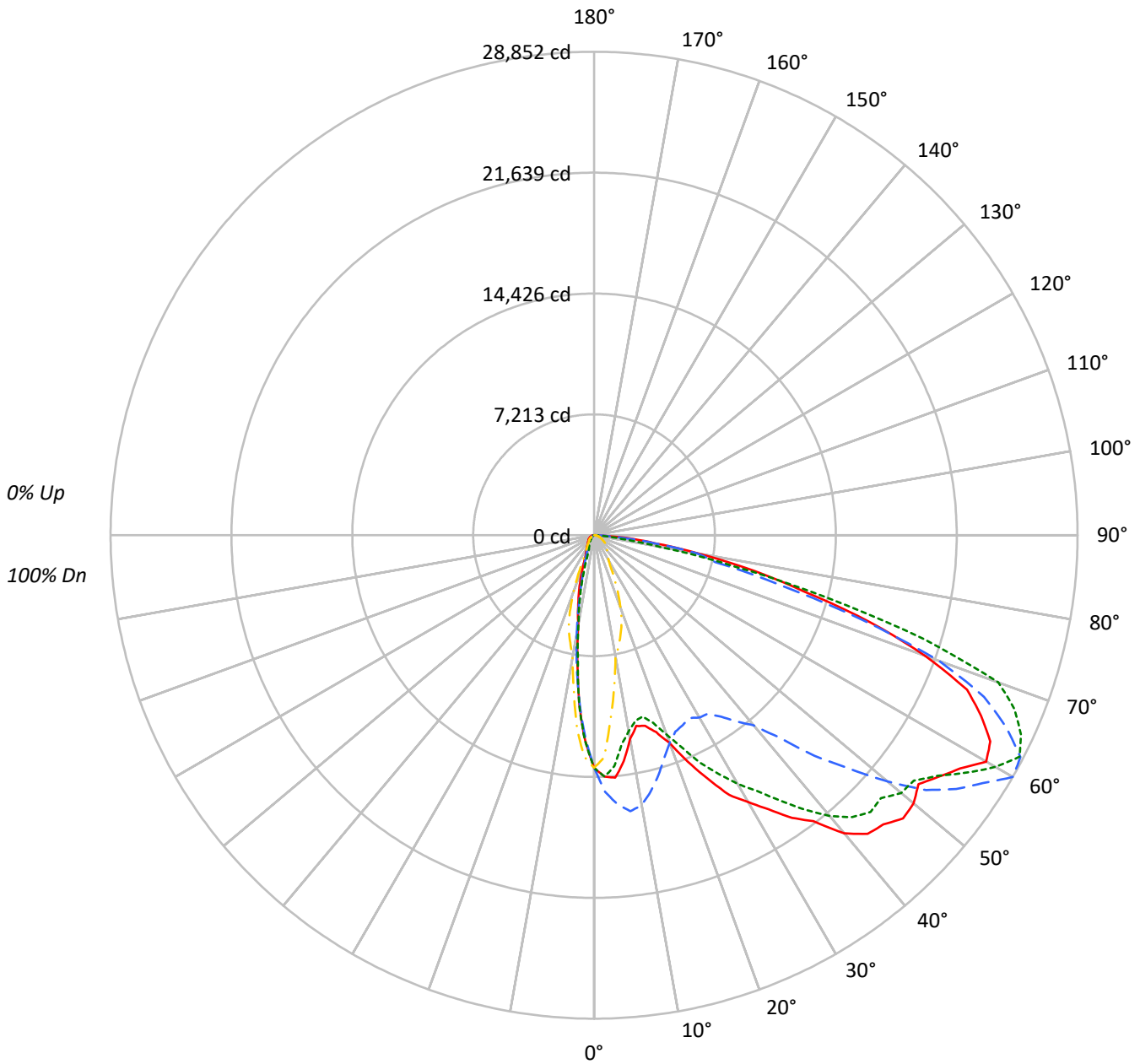
Lumens per Lamp: N/A
 Luminaire Lumens: 36900.6 lumens
 Efficiency: N/A
 Efficacy: 87.8 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 420.3
 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			100	
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79			79	
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61			61	
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48			48	
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39			39	
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32			32	
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27			27	
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23			23	
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20			20	
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18			18	
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16			16	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	74671	74671	74671	74671
5°	78470	74690	54567	54886
10°	67476	64891	29834	29134
15°	65611	62371	19381	14605
20°	75626	72465	10384	5192
25°	95089	88944	6729	4037
30°	114209	106432	5450	3307
35°	135246	126894	4467	2654
40°	163176	153622	3946	2008
45°	185777	177677	3675	1350
50°	208409	200324	3630	825
55°	235683	234851	3606	370
60°	290836	297730	3288	107
65°	324512	357892	3012	0
70°	330897	403930	2792	0
75°	269247	297932	2664	0
80°	195767	124606	2749	0
85°	126565	52328	3649	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1054.0	2.9
10°-20°	2066.9	5.6
20°-30°	2860.3	7.8
30°-40°	4042.3	11.0
40°-50°	5503.6	14.9
50°-60°	7289.2	19.8
60°-70°	8463.3	22.9
70°-80°	4792.8	13.0
80°-90°	828.1	2.2
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°	5981.2	16.2
0°-40°	10023.5	27.2
0°-60°	22816.3	61.8
0°-90°	36900.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	36900.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	13874	13874	13874	13874	13874	
5°	14525	13825	10100	10159	14525	1304
15°	11776	11194	3478	2621	11776	3454
25°	16013	14978	1133	680	16013	7468
35°	20585	19314	680	404	20585	12977
45°	24408	23344	483	177	24408	18923
55°	25118	25029	384	39	25118	22757
65°	25482	28104	236	0	25482	24841
75°	12948	14328	128	0	12948	14132
85°	2050	847	59	0	2050	2463
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4
2.5°	14416.3	14721.8	14731.7	14869.6	15007.6	15007.6	15332.7	15253.9	14968.1	14918.9	14711.9
5°	14524.7	14633.1	14711.9	15411.6	16002.8	15943.7	16121.1	16002.8	15451.0	14741.5	14258.7
7.5°	13588.6	13706.8	14022.2	15214.5	16012.7	16278.7	16613.8	15874.7	15293.3	14012.3	13086.0
10°	12347.0	12573.6	13155.0	14514.9	15500.3	16347.7	16347.7	15756.5	14633.1	13381.7	12248.5
12.5°	11657.2	12110.5	12425.8	13805.4	15086.4	15667.8	15648.1	15332.7	14603.6	13026.9	11745.9
15°	11775.5	11903.6	12573.6	13647.7	14495.2	14465.6	14820.3	14721.8	14209.4	13342.2	11933.1
17.5°	12317.4	12514.5	13095.9	13647.7	14051.7	13933.5	13923.6	14396.6	14426.2	13874.4	12632.8
20°	13204.3	13785.7	14061.6	14229.1	13736.4	13233.9	13174.7	13834.9	14347.3	14554.3	13470.3
22.5°	14623.3	15007.6	15569.2	14711.9	13430.9	12800.3	12682.0	13411.2	14445.9	15362.3	14554.3
25°	16012.7	16308.3	16850.3	15746.6	13775.8	12711.6	12504.7	13135.3	14820.3	16485.7	15864.9
27.5°	17480.9	17737.1	17796.2	16505.4	13963.0	12534.2	12287.9	13135.3	15135.7	17076.9	17431.6
30°	18377.6	18683.1	18742.2	17175.4	14268.5	12682.0	12563.8	13194.4	15352.5	17579.4	18555.0
32.5°	19382.7	19461.5	19412.3	17293.7	14603.6	13115.6	12622.9	13588.6	15598.8	18180.5	19579.8
35°	20584.9	20722.9	20220.3	17835.6	15352.5	13391.5	13214.1	14071.4	16022.5	18456.4	20821.4
37.5°	21501.3	21934.9	20801.7	18042.6	15500.3	13972.9	14002.5	15076.5	16318.1	18791.5	22191.1
40°	23225.8	22496.6	21787.1	18752.1	16061.9	14958.3	14800.6	16111.2	17313.4	19008.3	23087.8
42.5°	24171.7	23787.4	22171.4	18821.0	16929.1	16318.1	16357.6	17283.8	17835.6	19619.2	23334.1
45°	24408.2	24004.2	22693.6	18870.3	17786.4	17924.3	18604.3	18781.6	18604.3	20023.2	23797.3
47.5°	25009.3	24132.3	22634.5	19530.5	19175.8	19707.9	20575.0	20959.3	19648.8	19875.4	24014.1
50°	24891.1	24388.5	22506.4	19806.4	20870.7	22279.8	22861.2	22703.5	20811.5	19569.9	23777.6
52.5°	24398.4	23856.4	22900.6	20555.3	22457.1	24161.9	24969.9	24575.7	21846.2	20259.7	23619.9
55°	25117.7	24703.8	23413.0	21570.3	23649.5	25817.3	26388.9	26093.3	23117.4	20900.2	24516.6
57.5°	25896.2	25807.5	24802.4	22762.6	25058.6	27522.1	27522.1	27157.5	24221.0	21826.5	25846.9
60°	27019.5	27216.6	25827.2	23550.9	25541.4	27423.5	28852.4	28428.6	25334.5	23452.4	27354.6
62.5°	26654.9	27285.6	27147.6	25245.8	26093.3	27906.4	28684.8	29000.2	26714.1	25433.0	29364.8
65°	25482.3	26152.4	27137.8	26359.3	25679.4	26733.8	27127.9	28083.8	27403.8	27295.4	30192.5
67.5°	24083.0	24812.2	25423.2	27108.2	24841.8	25541.4	25196.5	25502.0	26654.9	29335.2	30665.5
70°	21028.3	21728.0	22693.6	25442.9	22624.7	21994.0	21905.3	21757.5	23550.9	28606.0	28517.3
72.5°	17293.7	17618.9	19215.2	20683.4	16741.9	16623.6	16761.6	16594.0	18673.2	25896.2	24427.9
75°	12948.1	13273.3	14179.8	15884.6	11401.0	10721.1	11509.4	12287.9	14258.7	20102.1	17549.9
77.5°	9735.7	10149.6	10721.1	11883.9	8366.0	7301.8	7410.2	8149.2	10307.2	16101.4	9834.2
80°	6316.4	6267.1	7370.8	8178.8	6296.7	6493.8	6217.8	6759.8	7469.3	8612.4	5025.5
82.5°	3646.0	3695.2	4158.4	4690.5	4385.0	5015.7	3616.4	6040.5	5331.0	3508.0	1872.3
85°	2049.6	2138.3	2562.0	3251.8	2749.3	1842.7	1507.7	2995.6	3350.3	1438.7	906.6
87.5°	206.9	177.4	344.9	1231.7	748.9	305.5	453.3	719.3	808.0	542.0	266.1
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4
2.5°	14416.3	14416.3	14170.0	13756.1	13588.6	13293.0	12889.0	13017.1	12879.1	12376.6	12248.5
5°	13825.1	13352.1	12839.7	12209.0	11844.4	11095.5	10859.1	10435.3	10504.3	10080.6	10100.3
7.5°	12593.3	12218.9	11351.7	10524.0	9804.7	9154.3	8237.9	7893.0	7558.0	7390.5	7587.5
10°	11874.0	11174.4	9991.9	8908.0	7952.1	7370.8	6759.8	6286.8	5853.2	5528.1	5459.1
12.5°	11351.7	10730.9	9302.1	7981.7	7232.8	6759.8	6198.1	5547.8	5124.1	4562.4	4394.9
15°	11194.1	10435.3	8927.7	7617.1	6887.9	6109.4	5468.9	4828.4	4276.6	3685.4	3478.4
17.5°	11736.1	10859.1	8917.8	7321.5	6296.7	5459.1	4572.2	3852.9	3291.2	2749.3	2621.2
20°	12652.5	11312.3	9203.6	7144.1	5735.0	4611.6	3606.5	2887.2	2256.6	1901.8	1813.1
22.5°	13697.0	12080.9	9233.1	6671.1	5173.3	3764.2	2631.0	1901.8	1547.1	1379.6	1330.3
25°	14978.0	13312.7	9587.9	6286.8	4513.1	2857.6	1872.3	1458.4	1251.5	1152.9	1133.2
27.5°	16032.4	14170.0	9972.2	5882.8	3862.7	2118.6	1468.2	1192.3	1083.9	985.4	975.5
30°	17126.2	15155.4	10080.6	5636.5	3301.1	1744.1	1261.3	1054.4	936.1	886.9	877.0
32.5°	18082.0	16229.5	10425.5	5232.4	2769.0	1537.2	1143.1	946.0	867.1	788.3	778.5
35°	19313.7	16850.3	10593.0	5015.7	2571.9	1389.4	1044.5	867.1	748.9	699.6	679.9
37.5°	20634.2	17451.3	10701.4	4848.1	2404.4	1300.7	985.4	817.9	709.5	640.5	620.8
40°	21865.9	18298.8	10543.7	4641.2	2276.3	1192.3	946.0	758.8	660.2	591.2	561.7
42.5°	22811.9	19126.5	10494.5	4444.1	2138.3	1152.9	896.7	729.2	620.8	542.0	532.1
45°	23344.0	19688.2	10149.6	4286.5	2029.9	1172.6	877.0	689.8	591.2	522.3	482.8
47.5°	23215.9	20121.8	10238.3	4237.2	1882.1	1093.8	867.1	660.2	542.0	482.8	453.3
50°	23925.4	20998.8	10090.4	4079.5	1773.7	985.4	946.0	660.2	532.1	463.1	433.6
52.5°	24043.6	21796.9	10405.8	3793.8	1606.2	906.6	936.1	650.4	512.4	443.4	404.0
55°	25029.0	22723.2	11016.7	3636.1	1468.2	788.3	857.3	630.7	463.1	404.0	384.3
57.5°	26369.2	24644.7	11410.9	3488.3	1281.0	689.8	719.3	620.8	423.7	374.5	344.9
60°	27660.0	25413.3	11440.4	3222.2	1103.6	620.8	561.7	620.8	394.2	335.0	305.5
62.5°	28625.7	25413.3	11243.4	2995.6	965.7	551.8	492.7	591.2	354.7	295.6	275.9
65°	28103.5	24733.4	10730.9	2808.4	877.0	482.8	423.7	453.3	315.3	256.2	236.5
67.5°	27167.3	22614.8	9597.7	2581.7	867.1	423.7	364.6	335.0	275.9	226.6	206.9
70°	25669.5	19757.2	7991.6	2325.5	847.4	384.3	325.2	285.8	246.3	197.1	177.4
72.5°	20683.4	16318.1	6562.7	2177.7	827.7	335.0	275.9	246.3	206.9	167.5	147.8
75°	14327.6	10425.5	5055.1	1862.4	808.0	305.5	256.2	216.8	177.4	138.0	128.1
77.5°	8592.6	6966.7	3261.7	1399.3	532.1	246.3	216.8	167.5	147.8	118.2	108.4
80°	4020.4	3291.2	1320.4	542.0	256.2	177.4	147.8	128.1	118.2	98.5	88.7
82.5°	1576.6	1389.4	640.5	315.3	206.9	138.0	118.2	108.4	98.5	78.8	69.0
85°	847.4	748.9	305.5	216.8	147.8	98.5	98.5	88.7	78.8	69.0	59.1
87.5°	187.2	138.0	128.1	128.1	108.4	78.8	78.8	69.0	59.1	49.3	39.4
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°	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4
2.5°	12179.5	12327.3	12090.8	12238.6	12031.7	12189.3	12209.0	12061.2	12100.6	12297.7	12386.4
5°	10376.2	10277.7	10060.9	9991.9	10001.8	9873.7	9922.9	9991.9	10100.3	10159.4	10336.8
7.5°	7479.1	7705.8	7695.9	7863.5	7873.3	7853.6	7715.6	7420.0	7518.6	7439.7	7538.3
10°	5350.7	5449.2	5636.5	5744.9	5941.9	5833.5	5518.2	5400.0	5340.8	5331.0	5429.5
12.5°	4276.6	4040.1	4020.4	4059.8	4158.4	4030.3	3872.6	3734.6	3803.6	3941.6	4050.0
15°	3310.9	3113.8	2857.6	2818.2	2837.9	2778.8	2611.3	2433.9	2483.2	2621.2	2700.0
17.5°	2542.3	2315.7	2138.3	2020.1	1980.6	1773.7	1527.4	1379.6	1340.1	1330.3	1399.3
20°	1714.6	1675.2	1645.6	1497.8	1497.8	1202.2	995.2	886.9	886.9	906.6	916.4
22.5°	1281.0	1231.7	1241.6	1212.0	1133.2	896.7	788.3	758.8	758.8	778.5	778.5
25°	1113.5	1044.5	1024.8	1015.0	936.1	768.6	689.8	660.2	660.2	679.9	679.9
27.5°	946.0	926.3	896.7	857.3	788.3	660.2	610.9	581.4	591.2	601.1	591.2
30°	867.1	817.9	778.5	778.5	699.6	591.2	551.8	532.1	512.4	532.1	542.0
32.5°	768.6	739.0	719.3	689.8	601.1	522.3	482.8	463.1	453.3	453.3	463.1
35°	660.2	660.2	640.5	601.1	522.3	473.0	423.7	404.0	394.2	404.0	404.0
37.5°	591.2	561.7	571.5	532.1	463.1	413.9	364.6	344.9	344.9	335.0	344.9
40°	551.8	502.6	473.0	453.3	413.9	354.7	315.3	295.6	285.8	285.8	285.8
42.5°	492.7	453.3	394.2	384.3	374.5	305.5	256.2	246.3	236.5	226.6	226.6
45°	463.1	404.0	354.7	305.5	305.5	256.2	216.8	197.1	187.2	177.4	187.2
47.5°	423.7	364.6	305.5	256.2	246.3	206.9	167.5	147.8	138.0	138.0	138.0
50°	404.0	325.2	266.1	216.8	187.2	167.5	128.1	108.4	98.5	98.5	98.5
52.5°	374.5	305.5	236.5	187.2	147.8	128.1	98.5	78.8	69.0	69.0	69.0
55°	335.0	275.9	206.9	157.7	128.1	98.5	69.0	49.3	39.4	39.4	39.4
57.5°	315.3	246.3	177.4	138.0	98.5	69.0	39.4	29.6	29.6	19.7	29.6
60°	285.8	216.8	147.8	108.4	78.8	49.3	29.6	9.9	9.9	9.9	9.9
62.5°	246.3	187.2	128.1	88.7	59.1	29.6	9.9	0.0	0.0	0.0	0.0
65°	206.9	147.8	98.5	69.0	39.4	9.9	0.0	0.0	0.0	0.0	0.0
67.5°	177.4	128.1	78.8	49.3	29.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	157.7	108.4	59.1	39.4	9.9	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	128.1	88.7	49.3	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	108.4	69.0	29.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	88.7	49.3	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	69.0	39.4	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	59.1	29.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	39.4	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	29.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P599513
 CATALOG NUMBER: IFLD-L-SA8C-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4	13874.4
2.5°	12514.5	12455.4	12751.0	13233.9	13480.2	13963.0	14081.3	14386.8	14307.9	14416.3
5°	10356.5	10474.7	10908.3	11617.8	11874.0	12573.6	13233.9	13894.1	14317.8	14524.7
7.5°	7686.1	8080.2	8612.4	9262.7	9922.9	10839.3	11962.7	12731.3	13145.2	13588.6
10°	5725.1	6148.9	6759.8	7400.3	8474.4	9499.2	10622.6	11578.4	11933.1	12347.0
12.5°	4503.3	5163.5	5873.0	6562.7	7203.2	8178.8	9568.2	10957.6	11341.9	11657.2
15°	3133.6	3941.6	4956.5	5853.2	6750.0	7597.4	9036.1	10721.1	11243.4	11775.5
17.5°	1734.3	2374.8	3537.6	4798.9	6119.3	7420.0	9213.4	11154.7	11943.0	12317.4
20°	1005.1	1261.3	2089.0	3586.8	5331.0	7035.7	9302.1	11972.5	13017.1	13204.3
22.5°	827.7	916.4	1182.5	2246.7	4365.3	6789.4	9755.4	13115.6	14179.8	14623.3
25°	709.5	778.5	916.4	1350.0	3301.1	6267.1	10041.2	14544.4	15529.8	16012.7
27.5°	630.7	699.6	808.0	995.2	2246.7	5547.8	10514.2	15835.3	16820.7	17480.9
30°	551.8	610.9	719.3	847.4	1556.9	4739.7	10918.2	16781.3	18170.7	18377.6
32.5°	492.7	542.0	620.8	729.2	1152.9	3596.7	11243.4	17756.8	18929.4	19382.7
35°	423.7	482.8	532.1	620.8	877.0	2709.8	11046.3	18515.6	20042.9	20584.9
37.5°	374.5	413.9	463.1	522.3	739.0	2118.6	10642.3	19422.1	20998.8	21501.3
40°	315.3	344.9	404.0	463.1	670.1	1635.8	10179.1	20515.9	22338.9	23225.8
42.5°	266.1	295.6	335.0	433.6	551.8	1212.0	9243.0	21363.4	23422.8	24171.7
45°	206.9	246.3	305.5	433.6	443.4	896.7	8277.3	21994.0	24033.8	24408.2
47.5°	157.7	197.1	295.6	374.5	354.7	620.8	7134.3	22713.3	24664.4	25009.3
50°	118.2	157.7	335.0	325.2	295.6	473.0	6414.9	23215.9	24703.8	24891.1
52.5°	78.8	118.2	275.9	246.3	246.3	413.9	6217.8	23196.2	24802.4	24398.4
55°	59.1	88.7	157.7	177.4	216.8	364.6	6040.5	23935.2	24831.9	25117.7
57.5°	39.4	69.0	108.4	138.0	187.2	315.3	5675.9	24822.1	25748.4	25896.2
60°	19.7	49.3	78.8	108.4	157.7	275.9	5163.5	25472.5	26861.9	27019.5
62.5°	9.9	29.6	59.1	88.7	128.1	216.8	4631.4	24437.8	26379.0	26654.9
65°	0.0	19.7	39.4	59.1	78.8	157.7	3764.2	22063.0	24467.4	25482.3
67.5°	0.0	0.0	19.7	39.4	49.3	118.2	2837.9	20072.5	22703.5	24083.0
70°	0.0	0.0	9.9	9.9	29.6	88.7	1813.1	16623.6	20269.6	21028.3
72.5°	0.0	0.0	0.0	0.0	9.9	59.1	1054.4	12347.0	15884.6	17293.7
75°	0.0	0.0	0.0	0.0	0.0	49.3	532.1	7942.3	11056.1	12948.1
77.5°	0.0	0.0	0.0	0.0	0.0	39.4	285.8	5124.1	8149.2	9735.7
80°	0.0	0.0	0.0	0.0	0.0	9.9	167.5	2975.9	5212.7	6316.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	69.0	1458.4	3113.8	3646.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	19.7	778.5	1556.9	2049.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.6	108.4	206.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)