

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: P599498

Luminaire Tested: **IFLD-S-SA6C-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: P599498
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6C-740-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (96) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

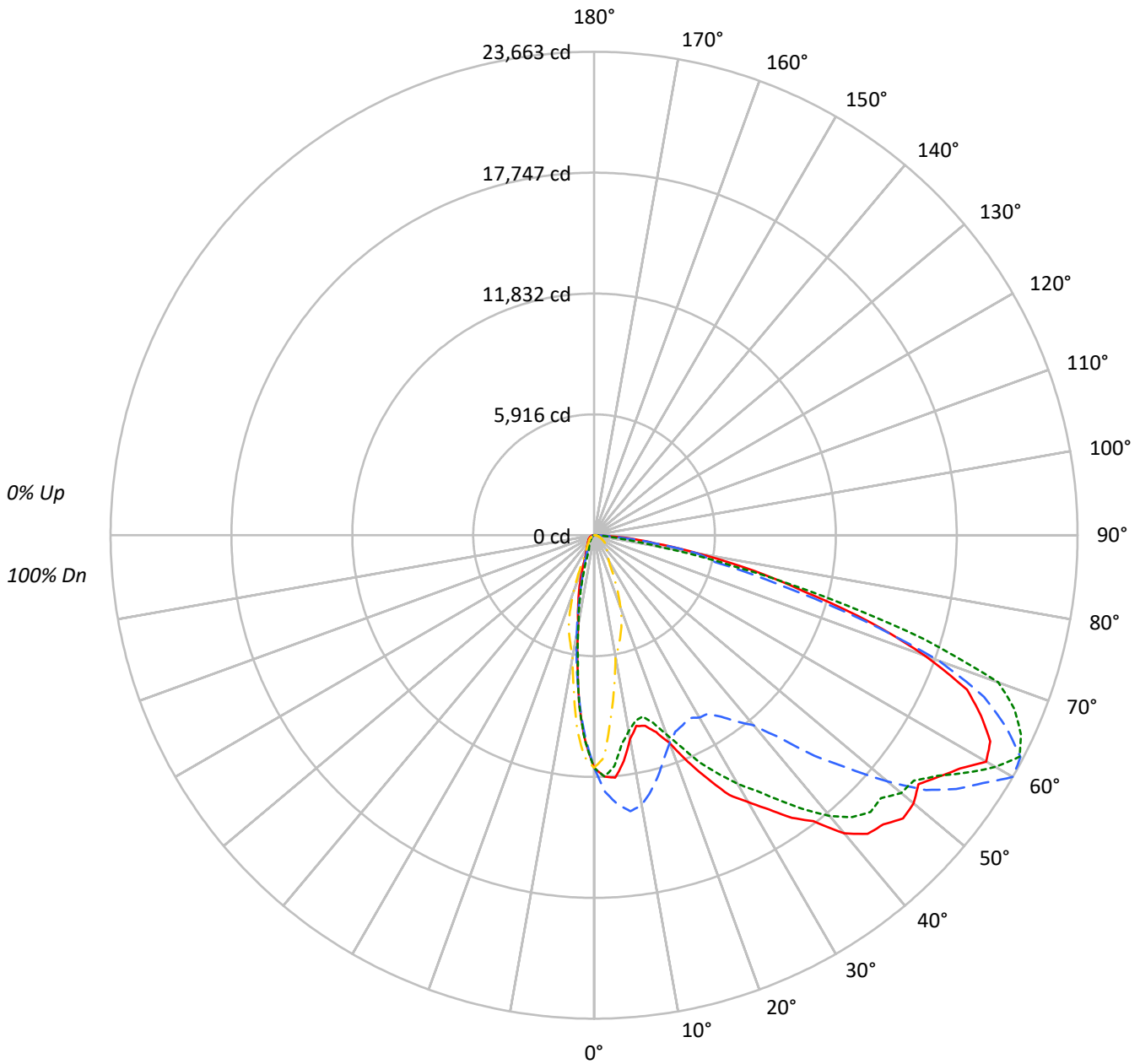
Lumens per Lamp: N/A
 Luminaire Lumens: 30263.8 lumens
 Efficiency: N/A
 Efficacy: 94.1 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 321.5
 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				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	100	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	79	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61	61	61	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	48	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39	39	39	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	32	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27	27	27	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	23	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20	20	20	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	81655	81655	81655	81655
5°	85809	81676	59670	60020
10°	73787	70960	32624	31859
15°	71747	68205	21194	15970
20°	82698	79243	11355	5678
25°	103982	97263	7359	4415
30°	124890	116385	5960	3616
35°	147895	138763	4885	2902
40°	178437	167990	4316	2196
45°	203152	194295	4019	1477
50°	227901	219059	3970	902
55°	257727	256816	3943	404
60°	318036	325575	3595	116
65°	354863	391364	3294	0
70°	361846	441708	3053	0
75°	294428	325797	2914	0
80°	214074	136260	3004	0
85°	138405	57223	3993	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	864.4	2.9
10°-20°	1695.2	5.6
20°-30°	2345.8	7.8
30°-40°	3315.3	11.0
40°-50°	4513.8	14.9
50°-60°	5978.2	19.8
60°-70°	6941.1	22.9
70°-80°	3930.8	13.0
80°-90°	679.2	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°	4905.4	16.2
0°-40°	8220.7	27.2
0°-60°	18712.7	61.8
0°-90°	30263.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	30263.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	11379	11379	11379	11379	11379	
5°	11912	11339	8284	8332	11912	1070
15°	9658	9181	2853	2150	9658	2833
25°	13133	12284	929	558	13133	6125
35°	16883	15840	558	331	16883	10643
45°	20018	19146	396	146	20018	15520
55°	20600	20527	315	32	20600	18664
65°	20899	23049	194	0	20899	20373
75°	10619	11751	105	0	10619	11590
85°	1681	695	48	0	1681	2020
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°	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0
2.5°	11823.5	12074.0	12082.1	12195.2	12308.4	12308.4	12575.1	12510.4	12276.1	12235.6	12065.9
5°	11912.4	12001.3	12065.9	12639.7	13124.6	13076.1	13221.6	13124.6	12672.1	12090.2	11694.2
7.5°	11144.6	11241.6	11500.2	12478.1	13132.7	13350.9	13625.7	13019.6	12542.7	11492.1	10732.5
10°	10126.3	10312.2	10789.0	11904.3	12712.5	13407.5	13407.5	12922.6	12001.3	10974.9	10045.5
12.5°	9560.6	9932.4	10191.0	11322.4	12373.0	12849.9	12833.7	12575.1	11977.0	10684.0	9633.3
15°	9657.6	9762.7	10312.2	11193.1	11888.1	11863.9	12154.8	12074.0	11653.8	10942.6	9786.9
17.5°	10102.1	10263.7	10740.5	11193.1	11524.5	11427.5	11419.4	11807.3	11831.6	11379.0	10360.7
20°	10829.4	11306.3	11532.5	11669.9	11265.8	10853.7	10805.2	11346.7	11766.9	11936.6	11047.6
22.5°	11993.2	12308.4	12769.0	12065.9	11015.3	10498.1	10401.1	10999.2	11847.7	12599.3	11936.6
25°	13132.7	13375.2	13819.7	12914.5	11298.2	10425.4	10255.6	10772.9	12154.8	13520.6	13011.5
27.5°	14336.9	14547.0	14595.5	13536.8	11451.7	10279.9	10077.8	10772.9	12413.4	14005.5	14296.5
30°	15072.3	15322.8	15371.3	14086.3	11702.3	10401.1	10304.1	10821.4	12591.2	14417.7	15217.8
32.5°	15896.6	15961.3	15920.9	14183.3	11977.0	10756.7	10352.6	11144.6	12793.3	14910.7	16058.3
35°	16882.6	16995.7	16583.6	14627.8	12591.2	10983.0	10837.5	11540.6	13140.8	15137.0	17076.6
37.5°	17634.2	17989.8	17060.4	14797.5	12712.5	11459.8	11484.1	12365.0	13383.2	15411.7	18199.9
40°	19048.5	18450.4	17868.6	15379.4	13173.1	12268.0	12138.7	13213.5	14199.5	15589.5	18935.3
42.5°	19824.3	19509.1	18183.8	15436.0	13884.3	13383.2	13415.6	14175.2	14627.8	16090.6	19137.4
45°	20018.3	19686.9	18612.1	15476.4	14587.4	14700.6	15258.2	15403.7	15258.2	16422.0	19517.2
47.5°	20511.3	19792.0	18563.6	16017.9	15726.9	16163.3	16874.5	17189.7	16114.8	16300.7	19695.0
50°	20414.3	20002.1	18458.5	16244.2	17117.0	18272.7	18749.5	18620.2	17068.5	16050.2	19501.1
52.5°	20010.2	19565.7	18781.8	16858.4	18418.1	19816.3	20478.9	20155.7	17917.1	16615.9	19371.8
55°	20600.2	20260.7	19202.0	17690.8	19396.0	21174.0	21642.7	21400.3	18959.6	17141.2	20107.2
57.5°	21238.6	21165.9	20341.6	18668.7	20551.7	22572.1	22572.1	22273.1	19864.7	17900.9	21198.2
60°	22159.9	22321.6	21182.1	19315.2	20947.7	22491.3	23663.1	23315.6	20778.0	19234.4	22434.7
62.5°	21860.9	22378.1	22265.0	20705.2	21400.3	22887.3	23525.7	23784.3	21909.4	20858.8	24083.4
65°	20899.2	21448.7	22256.9	21618.5	21060.8	21925.6	22248.8	23032.8	22475.1	22386.2	24762.2
67.5°	19751.6	20349.6	20850.7	22232.7	20373.9	20947.7	20664.8	20915.4	21860.9	24059.1	25150.2
70°	17246.3	17820.1	18612.1	20866.9	18555.5	18038.3	17965.5	17844.3	19315.2	23461.1	23388.3
72.5°	14183.3	14450.0	15759.3	16963.4	13730.8	13633.8	13746.9	13609.5	15314.8	21238.6	20034.5
75°	10619.3	10886.0	11629.5	13027.6	9350.5	8792.9	9439.4	10077.8	11694.2	16486.6	14393.5
77.5°	7984.7	8324.1	8792.9	9746.5	6861.3	5988.5	6077.4	6683.5	8453.4	13205.4	8065.5
80°	5180.3	5139.9	6045.1	6707.8	5164.2	5325.8	5099.5	5544.0	6125.9	7063.4	4121.7
82.5°	2990.2	3030.6	3410.5	3846.9	3596.3	4113.6	2966.0	4954.1	4372.2	2877.1	1535.5
85°	1681.0	1753.7	2101.2	2667.0	2254.8	1511.3	1236.5	2456.8	2747.8	1179.9	743.5
87.5°	169.7	145.5	282.9	1010.2	614.2	250.5	371.8	590.0	662.7	444.5	218.2
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°	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0
2.5°	11823.5	11823.5	11621.4	11282.0	11144.6	10902.2	10570.8	10675.9	10562.7	10150.6	10045.5
5°	11338.6	10950.7	10530.4	10013.2	9714.2	9100.0	8906.0	8558.5	8615.1	8267.5	8283.7
7.5°	10328.4	10021.3	9310.1	8631.2	8041.3	7507.9	6756.3	6473.4	6198.6	6061.3	6222.9
10°	9738.4	9164.6	8194.8	7305.8	6521.9	6045.1	5544.0	5156.1	4800.5	4533.8	4477.2
12.5°	9310.1	8800.9	7629.1	6546.2	5931.9	5544.0	5083.4	4550.0	4202.5	3741.8	3604.4
15°	9180.8	8558.5	7322.0	6247.1	5649.1	5010.6	4485.3	3960.0	3507.4	3022.5	2852.8
17.5°	9625.3	8906.0	7313.9	6004.7	5164.2	4477.2	3749.9	3159.9	2699.3	2254.8	2149.7
20°	10376.9	9277.8	7548.3	5859.2	4703.5	3782.2	2957.9	2367.9	1850.7	1559.8	1487.0
22.5°	11233.5	9908.1	7572.5	5471.3	4242.9	3087.2	2157.8	1559.8	1268.8	1131.4	1091.0
25°	12284.1	10918.3	7863.5	5156.1	3701.4	2343.7	1535.5	1196.1	1026.4	945.6	929.4
27.5°	13148.9	11621.4	8178.6	4824.8	3168.0	1737.6	1204.2	977.9	889.0	808.2	800.1
30°	14045.9	12429.6	8267.5	4622.7	2707.4	1430.5	1034.5	864.7	767.8	727.4	719.3
32.5°	14829.9	13310.5	8550.4	4291.4	2270.9	1260.7	937.5	775.8	711.2	646.5	638.5
35°	15840.1	13819.7	8687.8	4113.6	2109.3	1139.5	856.7	711.2	614.2	573.8	557.6
37.5°	16923.0	14312.6	8776.7	3976.2	1971.9	1066.8	808.2	670.8	581.9	525.3	509.1
40°	17933.2	15007.7	8647.4	3806.5	1866.9	977.9	775.8	622.3	541.5	484.9	460.7
42.5°	18709.1	15686.5	8607.0	3644.8	1753.7	945.6	735.4	598.0	509.1	444.5	436.4
45°	19145.5	16147.2	8324.1	3515.5	1664.8	961.7	719.3	565.7	484.9	428.3	396.0
47.5°	19040.4	16502.8	8396.9	3475.1	1543.6	897.1	711.2	541.5	444.5	396.0	371.8
50°	19622.3	17222.0	8275.6	3345.8	1454.7	808.2	775.8	541.5	436.4	379.8	355.6
52.5°	19719.3	17876.7	8534.2	3111.4	1317.3	743.5	767.8	533.4	420.2	363.7	331.3
55°	20527.4	18636.3	9035.3	2982.1	1204.2	646.5	703.1	517.2	379.8	331.3	315.2
57.5°	21626.5	20212.3	9358.6	2860.9	1050.6	565.7	590.0	509.1	347.5	307.1	282.9
60°	22685.2	20842.6	9382.8	2642.7	905.1	509.1	460.7	509.1	323.3	274.8	250.5
62.5°	23477.2	20842.6	9221.2	2456.8	792.0	452.6	404.1	484.9	290.9	242.5	226.3
65°	23048.9	20285.0	8800.9	2303.3	719.3	396.0	347.5	371.8	258.6	210.1	194.0
67.5°	22281.2	18547.4	7871.5	2117.4	711.2	347.5	299.0	274.8	226.3	185.9	169.7
70°	21052.7	16203.7	6554.2	1907.3	695.0	315.2	266.7	234.4	202.0	161.6	145.5
72.5°	16963.4	13383.2	5382.4	1786.0	678.9	274.8	226.3	202.0	169.7	137.4	121.2
75°	11750.7	8550.4	4145.9	1527.4	662.7	250.5	210.1	177.8	145.5	113.1	105.1
77.5°	7047.2	5713.7	2675.0	1147.6	436.4	202.0	177.8	137.4	121.2	97.0	88.9
80°	3297.3	2699.3	1082.9	444.5	210.1	145.5	121.2	105.1	97.0	80.8	72.7
82.5°	1293.1	1139.5	525.3	258.6	169.7	113.1	97.0	88.9	80.8	64.7	56.6
85°	695.0	614.2	250.5	177.8	121.2	80.8	80.8	72.7	64.7	56.6	48.5
87.5°	153.6	113.1	105.1	105.1	88.9	64.7	64.7	56.6	48.5	40.4	32.3
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°	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0
2.5°	9988.9	10110.2	9916.2	10037.4	9867.7	9997.0	10013.2	9892.0	9924.3	10085.9	10158.7
5°	8510.0	8429.2	8251.4	8194.8	8202.9	8097.8	8138.2	8194.8	8283.7	8332.2	8477.7
7.5°	6134.0	6319.9	6311.8	6449.2	6457.3	6441.1	6327.9	6085.5	6166.3	6101.7	6182.5
10°	4388.3	4469.2	4622.7	4711.6	4873.2	4784.3	4525.7	4428.8	4380.3	4372.2	4453.0
12.5°	3507.4	3313.5	3297.3	3329.6	3410.5	3305.4	3176.1	3063.0	3119.5	3232.7	3321.6
15°	2715.4	2553.8	2343.7	2311.4	2327.5	2279.0	2141.6	1996.2	2036.6	2149.7	2214.4
17.5°	2085.1	1899.2	1753.7	1656.7	1624.4	1454.7	1252.7	1131.4	1099.1	1091.0	1147.6
20°	1406.2	1373.9	1349.6	1228.4	1228.4	986.0	816.2	727.4	727.4	743.5	751.6
22.5°	1050.6	1010.2	1018.3	994.0	929.4	735.4	646.5	622.3	622.3	638.5	638.5
25°	913.2	856.7	840.5	832.4	767.8	630.4	565.7	541.5	541.5	557.6	557.6
27.5°	775.8	759.7	735.4	703.1	646.5	541.5	501.1	476.8	484.9	493.0	484.9
30°	711.2	670.8	638.5	638.5	573.8	484.9	452.6	436.4	420.2	436.4	444.5
32.5°	630.4	606.1	590.0	565.7	493.0	428.3	396.0	379.8	371.8	371.8	379.8
35°	541.5	541.5	525.3	493.0	428.3	387.9	347.5	331.3	323.3	331.3	331.3
37.5°	484.9	460.7	468.7	436.4	379.8	339.4	299.0	282.9	282.9	274.8	282.9
40°	452.6	412.2	387.9	371.8	339.4	290.9	258.6	242.5	234.4	234.4	234.4
42.5°	404.1	371.8	323.3	315.2	307.1	250.5	210.1	202.0	194.0	185.9	185.9
45°	379.8	331.3	290.9	250.5	250.5	210.1	177.8	161.6	153.6	145.5	153.6
47.5°	347.5	299.0	250.5	210.1	202.0	169.7	137.4	121.2	113.1	113.1	113.1
50°	331.3	266.7	218.2	177.8	153.6	137.4	105.1	88.9	80.8	80.8	80.8
52.5°	307.1	250.5	194.0	153.6	121.2	105.1	80.8	64.7	56.6	56.6	56.6
55°	274.8	226.3	169.7	129.3	105.1	80.8	56.6	40.4	32.3	32.3	32.3
57.5°	258.6	202.0	145.5	113.1	80.8	56.6	32.3	24.2	24.2	16.2	24.2
60°	234.4	177.8	121.2	88.9	64.7	40.4	24.2	8.1	8.1	8.1	8.1
62.5°	202.0	153.6	105.1	72.7	48.5	24.2	8.1	0.0	0.0	0.0	0.0
65°	169.7	121.2	80.8	56.6	32.3	8.1	0.0	0.0	0.0	0.0	0.0
67.5°	145.5	105.1	64.7	40.4	24.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	129.3	88.9	48.5	32.3	8.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	105.1	72.7	40.4	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	88.9	56.6	24.2	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	72.7	40.4	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	56.6	32.3	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	48.5	24.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	32.3	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.2	8.1	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: P599498
 CATALOG NUMBER: IFLD-S-SA6C-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0	11379.0
2.5°	10263.7	10215.2	10457.7	10853.7	11055.7	11451.7	11548.7	11799.2	11734.6	11823.5
5°	8493.8	8590.8	8946.4	9528.3	9738.4	10312.2	10853.7	11395.2	11742.7	11912.4
7.5°	6303.7	6627.0	7063.4	7596.8	8138.2	8889.8	9811.1	10441.5	10780.9	11144.6
10°	4695.4	5043.0	5544.0	6069.3	6950.2	7790.7	8712.0	9496.0	9786.9	10126.3
12.5°	3693.3	4234.8	4816.7	5382.4	5907.7	6707.8	7847.3	8986.8	9302.0	9560.6
15°	2570.0	3232.7	4065.1	4800.5	5535.9	6231.0	7410.9	8792.9	9221.2	9657.6
17.5°	1422.4	1947.7	2901.3	3935.8	5018.7	6085.5	7556.4	9148.4	9795.0	10102.1
20°	824.3	1034.5	1713.3	2941.7	4372.2	5770.3	7629.1	9819.2	10675.9	10829.4
22.5°	678.9	751.6	969.8	1842.6	3580.2	5568.3	8000.9	10756.7	11629.5	11993.2
25°	581.9	638.5	751.6	1107.2	2707.4	5139.9	8235.2	11928.5	12736.7	13132.7
27.5°	517.2	573.8	662.7	816.2	1842.6	4550.0	8623.1	12987.2	13795.4	14336.9
30°	452.6	501.1	590.0	695.0	1276.9	3887.3	8954.5	13763.1	14902.6	15072.3
32.5°	404.1	444.5	509.1	598.0	945.6	2949.8	9221.2	14563.2	15524.9	15896.6
35°	347.5	396.0	436.4	509.1	719.3	2222.5	9059.6	15185.5	16438.1	16882.6
37.5°	307.1	339.4	379.8	428.3	606.1	1737.6	8728.2	15929.0	17222.0	17634.2
40°	258.6	282.9	331.3	379.8	549.6	1341.6	8348.4	16826.0	18321.1	19048.5
42.5°	218.2	242.5	274.8	355.6	452.6	994.0	7580.6	17521.1	19210.1	19824.3
45°	169.7	202.0	250.5	355.6	363.7	735.4	6788.6	18038.3	19711.2	20018.3
47.5°	129.3	161.6	242.5	307.1	290.9	509.1	5851.1	18628.2	20228.4	20511.3
50°	97.0	129.3	274.8	266.7	242.5	387.9	5261.2	19040.4	20260.7	20414.3
52.5°	64.7	97.0	226.3	202.0	202.0	339.4	5099.5	19024.2	20341.6	20010.2
55°	48.5	72.7	129.3	145.5	177.8	299.0	4954.1	19630.4	20365.8	20600.2
57.5°	32.3	56.6	88.9	113.1	153.6	258.6	4655.0	20357.7	21117.4	21238.6
60°	16.2	40.4	64.7	88.9	129.3	226.3	4234.8	20891.1	22030.6	22159.9
62.5°	8.1	24.2	48.5	72.7	105.1	177.8	3798.4	20042.5	21634.6	21860.9
65°	0.0	16.2	32.3	48.5	64.7	129.3	3087.2	18094.9	20066.8	20899.2
67.5°	0.0	0.0	16.2	32.3	40.4	97.0	2327.5	16462.4	18620.2	19751.6
70°	0.0	0.0	8.1	8.1	24.2	72.7	1487.0	13633.8	16624.0	17246.3
72.5°	0.0	0.0	0.0	0.0	8.1	48.5	864.7	10126.3	13027.6	14183.3
75°	0.0	0.0	0.0	0.0	0.0	40.4	436.4	6513.8	9067.6	10619.3
77.5°	0.0	0.0	0.0	0.0	0.0	32.3	234.4	4202.5	6683.5	7984.7
80°	0.0	0.0	0.0	0.0	0.0	8.1	137.4	2440.7	4275.2	5180.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	56.6	1196.1	2553.8	2990.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	16.2	638.5	1276.9	1681.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.2	88.9	169.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)