

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: P599566

Luminaire Tested: **IFLD-L-SA7C-760-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: P599566
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7C-760-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (112) 5700K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

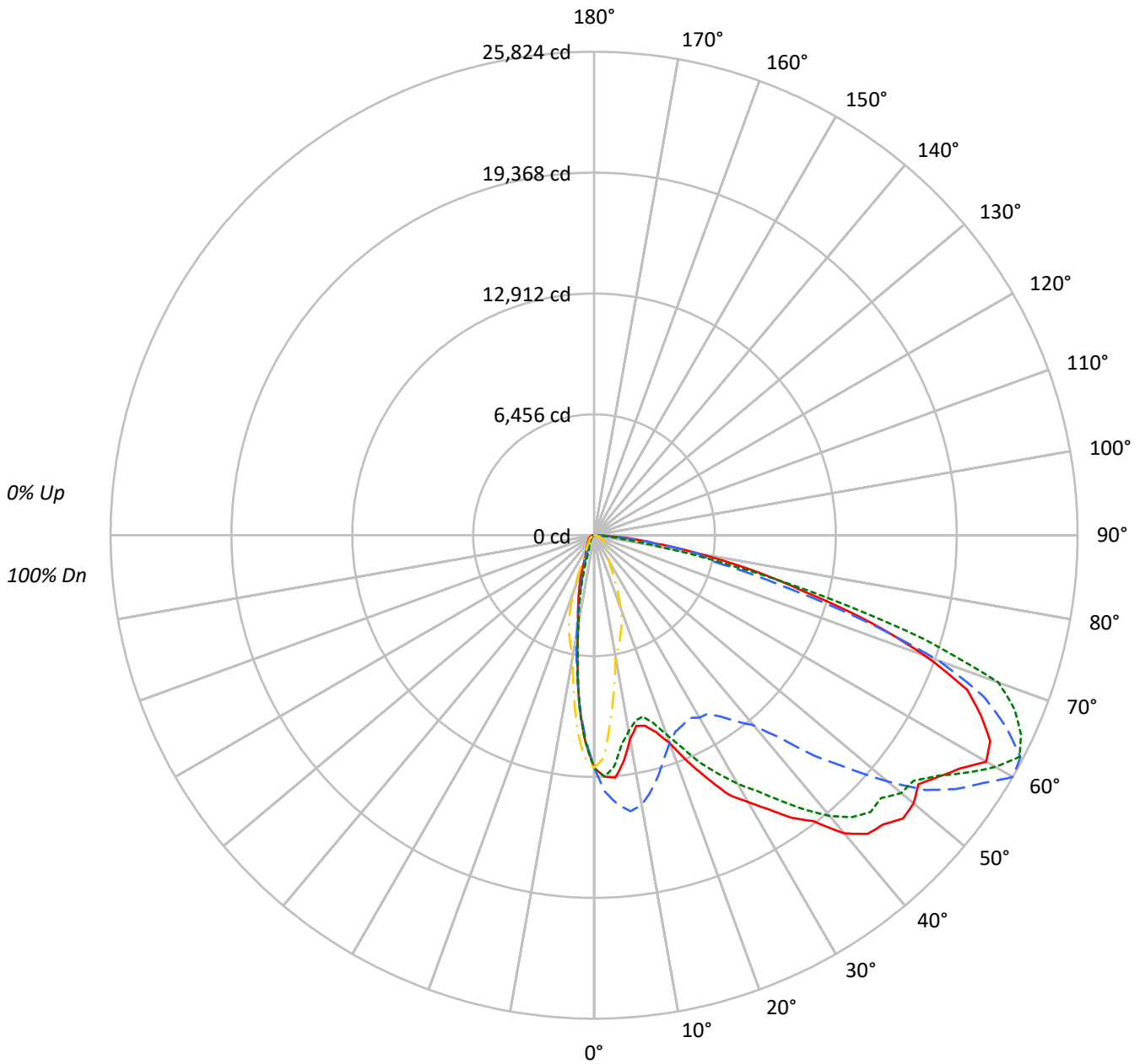
Lumens per Lamp: N/A
 Luminaire Lumens: 33027.3 lumens
 Efficiency: N/A
 Efficacy: 89.5 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 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				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°	66833	66833	66833	66833
5°	70233	66850	48839	49125
10°	60394	58080	26702	26076
15°	58724	55825	17347	13071
20°	67688	64859	9294	4647
25°	85108	79608	6023	3614
30°	102221	95260	4878	2960
35°	121050	113575	3999	2376
40°	146048	137498	3532	1797
45°	166277	159027	3290	1209
50°	186533	179297	3249	738
55°	210945	210201	3228	331
60°	260308	266479	2943	95
65°	290450	320326	2696	0
70°	296165	361531	2499	0
75°	240985	266660	2385	0
80°	175218	111527	2461	0
85°	113282	46838	3267	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	943.4	2.9
10°-20°	1850.0	5.6
20°-30°	2560.0	7.8
30°-40°	3618.0	11.0
40°-50°	4925.9	14.9
50°-60°	6524.1	19.8
60°-70°	7575.0	22.9
70°-80°	4289.8	13.0
80°-90°	741.2	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°	5353.4	16.2
0°-40°	8971.3	27.2
0°-60°	20421.4	61.8
0°-90°	33027.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	33027.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	12418	12418	12418	12418	12418	
5°	13000	12374	9040	9093	13000	1167
15°	10540	10019	3113	2346	10540	3091
25°	14332	13406	1014	609	14332	6684
35°	18424	17286	609	362	18424	11615
45°	21846	20894	432	159	21846	16937
55°	22481	22402	344	35	22481	20368
65°	22808	25154	212	0	22808	22233
75°	11589	12824	115	0	11589	12648
85°	1834	758	53	0	1834	2204
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°	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0
2.5°	12903.1	13176.5	13185.3	13308.8	13432.3	13432.3	13723.3	13652.8	13397.0	13352.9	13167.7
5°	13000.1	13097.1	13167.7	13793.9	14323.1	14270.2	14428.9	14323.1	13829.2	13194.2	12762.0
7.5°	12162.3	12268.1	12550.3	13617.5	14331.9	14570.0	14869.9	14208.4	13688.1	12541.5	11712.5
10°	11051.0	11253.8	11774.2	12991.3	13873.3	14631.8	14631.8	14102.6	13097.1	11977.1	10962.8
12.5°	10433.6	10839.3	11121.6	12356.3	13502.9	14023.2	14005.6	13723.3	13070.7	11659.5	10513.0
15°	10539.5	10654.1	11253.8	12215.2	12973.7	12947.2	13264.7	13176.5	12717.9	11941.8	10680.6
17.5°	11024.5	11200.9	11721.3	12215.2	12576.8	12471.0	12462.1	12885.5	12911.9	12418.0	11306.8
20°	11818.3	12338.7	12585.6	12735.5	12294.6	11844.8	11791.8	12382.8	12841.4	13026.6	12056.4
22.5°	13088.3	13432.3	13935.0	13167.7	12021.2	11456.7	11350.9	12003.5	12929.6	13749.8	13026.6
25°	14331.9	14596.5	15081.6	14093.8	12329.8	11377.3	11192.1	11756.6	13264.7	14755.2	14199.6
27.5°	15646.0	15875.3	15928.2	14772.9	12497.4	11218.6	10998.1	11756.6	13546.9	15284.4	15601.9
30°	16448.6	16722.0	16774.9	15372.6	12770.8	11350.9	11245.0	11809.5	13741.0	15734.2	16607.4
32.5°	17348.2	17418.8	17374.7	15478.4	13070.7	11738.9	11297.9	12162.3	13961.5	16272.2	17524.6
35°	18424.2	18547.7	18097.9	15963.5	13741.0	11985.9	11827.1	12594.4	14340.7	16519.2	18635.9
37.5°	19244.4	19632.5	18618.2	16148.7	13873.3	12506.2	12532.7	13494.0	14605.3	16819.0	19861.8
40°	20787.9	20135.2	19500.2	16783.8	14376.0	13388.2	13247.1	14420.1	15496.1	17013.1	20664.4
42.5°	21634.5	21290.6	19844.2	16845.5	15152.1	14605.3	14640.6	15469.6	15963.5	17559.9	20884.9
45°	21846.2	21484.6	20311.6	16889.6	15919.4	16042.9	16651.5	16810.2	16651.5	17921.5	21299.4
47.5°	22384.2	21599.3	20258.7	17480.5	17163.0	17639.3	18415.4	18759.3	17586.3	17789.2	21493.4
50°	22278.4	21828.6	20144.0	17727.5	18680.0	19941.2	20461.5	20320.4	18627.1	17515.8	21281.8
52.5°	21837.4	21352.3	20496.8	18397.7	20099.9	21625.7	22348.9	21996.2	19553.1	18133.2	21140.6
55°	22481.2	22110.8	20955.4	19306.2	21167.1	23107.4	23619.0	23354.4	20690.8	18706.4	21943.2
57.5°	23178.0	23098.6	22199.0	20373.3	22428.3	24633.2	24633.2	24306.9	21678.6	19535.5	23133.9
60°	24183.4	24359.8	23116.2	21078.9	22860.5	24545.0	25823.9	25444.6	22675.3	20990.7	24483.3
62.5°	23857.1	24421.6	24298.1	22595.9	23354.4	24977.2	25673.9	25956.2	23910.0	22763.5	26282.5
65°	22807.6	23407.3	24289.3	23592.5	22984.0	23927.7	24280.4	25135.9	24527.4	24430.4	27023.3
67.5°	21555.2	22207.8	22754.6	24262.8	22234.3	22860.5	22551.8	22825.2	23857.1	26256.0	27446.7
70°	18821.1	19447.3	20311.6	22772.3	20249.9	19685.4	19606.0	19473.7	21078.9	25603.4	25524.0
72.5°	15478.4	15769.5	17198.3	18512.4	14984.5	14878.7	15002.2	14852.3	16713.2	23178.0	21863.9
75°	11589.0	11880.0	12691.4	14217.2	10204.3	9595.8	10301.3	10998.1	12762.0	17992.0	15707.8
77.5°	8713.8	9084.2	9595.8	10636.5	7487.9	6535.3	6632.4	7293.8	9225.3	14411.3	8802.0
80°	5653.4	5609.3	6597.1	7320.3	5635.7	5812.1	5565.2	6050.3	6685.3	7708.4	4498.0
82.5°	3263.3	3307.4	3721.9	4198.1	3924.7	4489.2	3236.8	5406.4	4771.4	3139.8	1675.7
85°	1834.5	1913.9	2293.1	2910.5	2460.7	1649.3	1349.4	2681.2	2998.7	1287.7	811.4
87.5°	185.2	158.8	308.7	1102.5	670.3	273.4	405.7	643.8	723.2	485.1	238.1
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°	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0
2.5°	12903.1	12903.1	12682.6	12312.2	12162.3	11897.7	11536.1	11650.7	11527.3	11077.5	10962.8
5°	12373.9	11950.6	11492.0	10927.5	10601.2	9930.9	9719.2	9340.0	9401.7	9022.5	9040.1
7.5°	11271.5	10936.3	10160.2	9419.4	8775.5	8193.4	7373.2	7064.5	6764.7	6614.7	6791.1
10°	10627.7	10001.5	8943.1	7972.9	7117.4	6597.1	6050.3	5626.9	5238.9	4947.8	4886.1
12.5°	10160.2	9604.6	8325.7	7143.9	6473.6	6050.3	5547.5	4965.5	4586.2	4083.5	3933.6
15°	10019.1	9340.0	7990.6	6817.6	6164.9	5468.2	4894.9	4321.6	3827.7	3298.5	3113.3
17.5°	10504.2	9719.2	7981.8	6553.0	5635.7	4886.1	4092.3	3448.5	2945.8	2460.7	2346.0
20°	11324.4	10124.9	8237.5	6394.2	5133.0	4127.6	3228.0	2584.2	2019.7	1702.2	1622.8
22.5°	12259.3	10812.9	8264.0	5970.9	4630.3	3369.1	2354.8	1702.2	1384.7	1234.7	1190.6
25°	13405.8	11915.3	8581.5	5626.9	4039.4	2557.7	1675.7	1305.3	1120.1	1031.9	1014.3
27.5°	14349.5	12682.6	8925.5	5265.3	3457.3	1896.2	1314.1	1067.2	970.2	882.0	873.1
30°	15328.5	13564.6	9022.5	5044.8	2954.6	1561.1	1128.9	943.7	837.9	793.8	784.9
32.5°	16184.0	14525.9	9331.2	4683.2	2478.3	1375.9	1023.1	846.7	776.1	705.6	696.8
35°	17286.5	15081.6	9481.1	4489.2	2301.9	1243.6	934.9	776.1	670.3	626.2	608.6
37.5°	18468.3	15619.6	9578.1	4339.3	2152.0	1164.2	882.0	732.0	635.0	573.3	555.6
40°	19570.8	16378.0	9437.0	4154.0	2037.3	1067.2	846.7	679.1	590.9	529.2	502.7
42.5°	20417.4	17118.9	9392.9	3977.7	1913.9	1031.9	802.6	652.7	555.6	485.1	476.3
45°	20893.7	17621.6	9084.2	3836.5	1816.8	1049.5	784.9	617.4	529.2	467.4	432.2
47.5°	20779.0	18009.7	9163.6	3792.4	1684.5	979.0	776.1	590.9	485.1	432.2	405.7
50°	21414.1	18794.6	9031.3	3651.3	1587.5	882.0	846.7	590.9	476.3	414.5	388.1
52.5°	21519.9	19509.0	9313.5	3395.6	1437.6	811.4	837.9	582.1	458.6	396.9	361.6
55°	22401.9	20338.1	9860.3	3254.4	1314.1	705.6	767.3	564.5	414.5	361.6	344.0
57.5°	23601.3	22057.9	10213.1	3122.1	1146.6	617.4	643.8	555.6	379.2	335.1	308.7
60°	24756.7	22745.8	10239.6	2884.0	987.8	555.6	502.7	555.6	352.8	299.9	273.4
62.5°	25621.0	22745.8	10063.2	2681.2	864.3	493.9	441.0	529.2	317.5	264.6	246.9
65°	25153.6	22137.3	9604.6	2513.6	784.9	432.2	379.2	405.7	282.2	229.3	211.7
67.5°	24315.7	20241.0	8590.3	2310.7	776.1	379.2	326.3	299.9	246.9	202.9	185.2
70°	22975.1	17683.4	7152.7	2081.4	758.5	344.0	291.0	255.8	220.5	176.4	158.8
72.5°	18512.4	14605.3	5873.9	1949.1	740.8	299.9	246.9	220.5	185.2	149.9	132.3
75°	12823.7	9331.2	4524.5	1666.9	723.2	273.4	229.3	194.0	158.8	123.5	114.7
77.5°	7690.7	6235.5	2919.3	1252.4	476.3	220.5	194.0	149.9	132.3	105.8	97.0
80°	3598.4	2945.8	1181.8	485.1	229.3	158.8	132.3	114.7	105.8	88.2	79.4
82.5°	1411.1	1243.6	573.3	282.2	185.2	123.5	105.8	97.0	88.2	70.6	61.7
85°	758.5	670.3	273.4	194.0	132.3	88.2	88.2	79.4	70.6	61.7	52.9
87.5°	167.6	123.5	114.7	114.7	97.0	70.6	70.6	61.7	52.9	44.1	35.3
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°	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0
2.5°	10901.1	11033.4	10821.7	10954.0	10768.8	10909.9	10927.5	10795.2	10830.5	11006.9	11086.3
5°	9287.1	9198.9	9004.8	8943.1	8951.9	8837.3	8881.4	8943.1	9040.1	9093.0	9251.8
7.5°	6694.1	6896.9	6888.1	7038.1	7046.9	7029.2	6905.8	6641.2	6729.4	6658.8	6747.0
10°	4789.1	4877.3	5044.8	5141.8	5318.2	5221.2	4939.0	4833.2	4780.2	4771.4	4859.6
12.5°	3827.7	3616.0	3598.4	3633.7	3721.9	3607.2	3466.1	3342.6	3404.4	3527.9	3624.9
15°	2963.4	2787.0	2557.7	2522.4	2540.1	2487.1	2337.2	2178.4	2222.5	2346.0	2416.6
17.5°	2275.5	2072.6	1913.9	1808.0	1772.7	1587.5	1367.0	1234.7	1199.5	1190.6	1252.4
20°	1534.6	1499.3	1472.9	1340.6	1340.6	1076.0	890.8	793.8	793.8	811.4	820.2
22.5°	1146.6	1102.5	1111.3	1084.8	1014.3	802.6	705.6	679.1	679.1	696.8	696.8
25°	996.6	934.9	917.2	908.4	837.9	687.9	617.4	590.9	590.9	608.6	608.6
27.5°	846.7	829.0	802.6	767.3	705.6	590.9	546.8	520.4	529.2	538.0	529.2
30°	776.1	732.0	696.8	696.8	626.2	529.2	493.9	476.3	458.6	476.3	485.1
32.5°	687.9	661.5	643.8	617.4	538.0	467.4	432.2	414.5	405.7	405.7	414.5
35°	590.9	590.9	573.3	538.0	467.4	423.3	379.2	361.6	352.8	361.6	361.6
37.5°	529.2	502.7	511.5	476.3	414.5	370.4	326.3	308.7	308.7	299.9	308.7
40°	493.9	449.8	423.3	405.7	370.4	317.5	282.2	264.6	255.8	255.8	255.8
42.5°	441.0	405.7	352.8	344.0	335.1	273.4	229.3	220.5	211.7	202.9	202.9
45°	414.5	361.6	317.5	273.4	273.4	229.3	194.0	176.4	167.6	158.8	167.6
47.5°	379.2	326.3	273.4	229.3	220.5	185.2	149.9	132.3	123.5	123.5	123.5
50°	361.6	291.0	238.1	194.0	167.6	149.9	114.7	97.0	88.2	88.2	88.2
52.5°	335.1	273.4	211.7	167.6	132.3	114.7	88.2	70.6	61.7	61.7	61.7
55°	299.9	246.9	185.2	141.1	114.7	88.2	61.7	44.1	35.3	35.3	35.3
57.5°	282.2	220.5	158.8	123.5	88.2	61.7	35.3	26.5	26.5	17.6	26.5
60°	255.8	194.0	132.3	97.0	70.6	44.1	26.5	8.8	8.8	8.8	8.8
62.5°	220.5	167.6	114.7	79.4	52.9	26.5	8.8	0.0	0.0	0.0	0.0
65°	185.2	132.3	88.2	61.7	35.3	8.8	0.0	0.0	0.0	0.0	0.0
67.5°	158.8	114.7	70.6	44.1	26.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	141.1	97.0	52.9	35.3	8.8	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	114.7	79.4	44.1	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	97.0	61.7	26.5	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	79.4	44.1	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	61.7	35.3	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	52.9	26.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	35.3	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	26.5	8.8	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: P599566
 CATALOG NUMBER: IFLD-L-SA7C-760-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0	12418.0
2.5°	11200.9	11148.0	11412.6	11844.8	12065.3	12497.4	12603.2	12876.7	12806.1	12903.1
5°	9269.4	9375.3	9763.3	10398.3	10627.7	11253.8	11844.8	12435.7	12814.9	13000.1
7.5°	6879.3	7232.1	7708.4	8290.5	8881.4	9701.6	10707.0	11395.0	11765.4	12162.3
10°	5124.2	5503.4	6050.3	6623.5	7584.9	8502.1	9507.6	10363.1	10680.6	11051.0
12.5°	4030.6	4621.5	5256.5	5873.9	6447.1	7320.3	8563.9	9807.4	10151.4	10433.6
15°	2804.6	3527.9	4436.3	5238.9	6041.4	6799.9	8087.6	9595.8	10063.2	10539.5
17.5°	1552.3	2125.5	3166.2	4295.2	5477.0	6641.2	8246.4	9983.8	10689.4	11024.5
20°	899.6	1128.9	1869.8	3210.3	4771.4	6297.2	8325.7	10715.8	11650.7	11818.3
22.5°	740.8	820.2	1058.4	2010.9	3907.1	6076.7	8731.4	11738.9	12691.4	13088.3
25°	635.0	696.8	820.2	1208.3	2954.6	5609.3	8987.2	13017.8	13899.7	14331.9
27.5°	564.5	626.2	723.2	890.8	2010.9	4965.5	9410.5	14173.1	15055.1	15646.0
30°	493.9	546.8	643.8	758.5	1393.5	4242.2	9772.1	15019.8	16263.4	16448.6
32.5°	441.0	485.1	555.6	652.7	1031.9	3219.2	10063.2	15893.0	16942.5	17348.2
35°	379.2	432.2	476.3	555.6	784.9	2425.4	9886.8	16572.1	17939.1	18424.2
37.5°	335.1	370.4	414.5	467.4	661.5	1896.2	9525.2	17383.5	18794.6	19244.4
40°	282.2	308.7	361.6	414.5	599.7	1464.1	9110.7	18362.5	19994.1	20787.9
42.5°	238.1	264.6	299.9	388.1	493.9	1084.8	8272.8	19121.0	20964.3	21634.5
45°	185.2	220.5	273.4	388.1	396.9	802.6	7408.5	19685.4	21511.1	21846.2
47.5°	141.1	176.4	264.6	335.1	317.5	555.6	6385.4	20329.2	22075.5	22384.2
50°	105.8	141.1	299.9	291.0	264.6	423.3	5741.6	20779.0	22110.8	22278.4
52.5°	70.6	105.8	246.9	220.5	220.5	370.4	5565.2	20761.4	22199.0	21837.4
55°	52.9	79.4	141.1	158.8	194.0	326.3	5406.4	21422.9	22225.5	22481.2
57.5°	35.3	61.7	97.0	123.5	167.6	282.2	5080.1	22216.6	23045.7	23178.0
60°	17.6	44.1	70.6	97.0	141.1	246.9	4621.5	22798.7	24042.3	24183.4
62.5°	8.8	26.5	52.9	79.4	114.7	194.0	4145.2	21872.7	23610.1	23857.1
65°	0.0	17.6	35.3	52.9	70.6	141.1	3369.1	19747.1	21899.1	22807.6
67.5°	0.0	0.0	17.6	35.3	44.1	105.8	2540.1	17965.6	20320.4	21555.2
70°	0.0	0.0	8.8	8.8	26.5	79.4	1622.8	14878.7	18142.0	18821.1
72.5°	0.0	0.0	0.0	0.0	8.8	52.9	943.7	11051.0	14217.2	15478.4
75°	0.0	0.0	0.0	0.0	0.0	44.1	476.3	7108.6	9895.6	11589.0
77.5°	0.0	0.0	0.0	0.0	0.0	35.3	255.8	4586.2	7293.8	8713.8
80°	0.0	0.0	0.0	0.0	0.0	8.8	149.9	2663.5	4665.6	5653.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	61.7	1305.3	2787.0	3263.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	17.6	696.8	1393.5	1834.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5	97.0	185.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)