

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: P599508

Luminaire Tested: **IFLD-L-SA7C-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: P599508
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7C-740-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (112) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

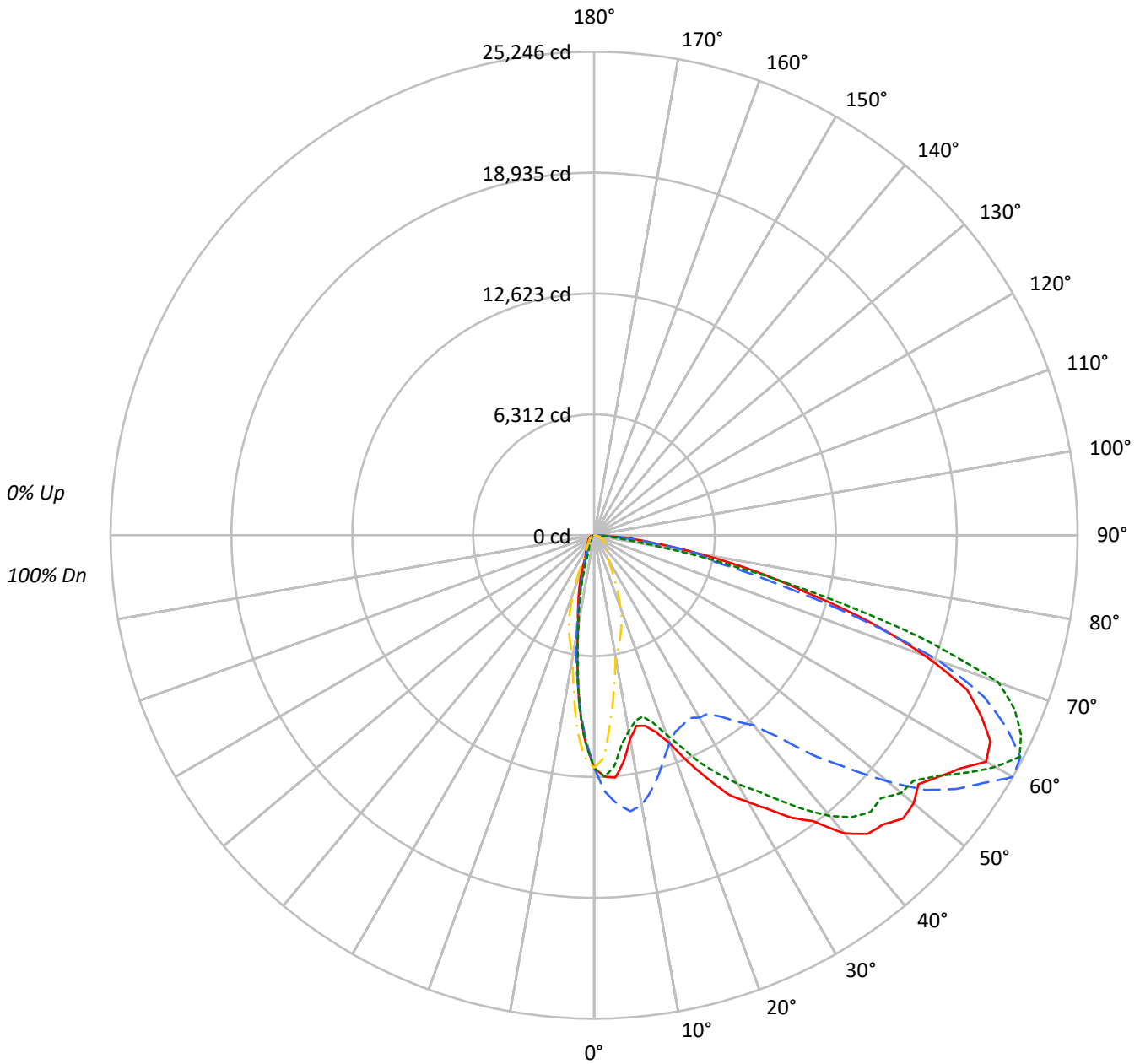
Lumens per Lamp: N/A
 Luminaire Lumens: 32287.9 lumens
 Efficiency: N/A
 Efficacy: 87.5 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

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	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°	65337	65337	65337	65337
5°	68661	65354	47746	48026
10°	59041	56780	26105	25492
15°	57409	54575	16958	12779
20°	66172	63407	9086	4543
25°	83202	77826	5888	3533
30°	99932	93127	4769	2893
35°	118340	111032	3909	2323
40°	142779	134419	3453	1756
45°	162554	155466	3216	1181
50°	182357	175283	3177	722
55°	206222	205494	3156	324
60°	254480	260514	2877	93
65°	283948	313155	2635	0
70°	289534	353438	2442	0
75°	235589	260692	2331	0
80°	171295	109029	2405	0
85°	110744	45788	3193	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	922.3	2.9
10°-20°	1808.5	5.6
20°-30°	2502.7	7.8
30°-40°	3537.0	11.0
40°-50°	4815.7	14.9
50°-60°	6378.0	19.8
60°-70°	7405.4	22.9
70°-80°	4193.7	13.0
80°-90°	724.6	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°	5233.5	16.2
0°-40°	8770.5	27.2
0°-60°	19964.2	61.8
0°-90°	32287.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	32287.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	12140	12140	12140	12140	12140	
5°	12709	12097	8838	8890	12709	1141
15°	10304	9795	3044	2294	10304	3022
25°	14011	13106	992	595	14011	6535
35°	18012	16900	595	354	18012	11355
45°	21357	20426	422	155	21357	16558
55°	21978	21900	336	34	21978	19912
65°	22297	24590	207	0	22297	21736
75°	11330	12537	112	0	11330	12365
85°	1793	742	52	0	1793	2155
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°	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0
2.5°	12614.2	12881.5	12890.2	13010.9	13131.6	13131.6	13416.1	13347.1	13097.1	13054.0	12872.9
5°	12709.1	12803.9	12872.9	13485.1	14002.4	13950.7	14105.9	14002.4	13519.6	12898.8	12476.3
7.5°	11890.0	11993.5	12269.4	13312.6	14011.0	14243.8	14537.0	13890.3	13381.6	12260.7	11450.3
10°	10803.6	11001.9	11510.6	12700.5	13562.7	14304.2	14304.2	13786.9	12803.9	11708.9	10717.4
12.5°	10200.0	10596.7	10872.6	12079.7	13200.6	13709.3	13692.0	13416.1	12778.1	11398.5	10277.6
15°	10303.5	10415.6	11001.9	11941.7	12683.2	12657.4	12967.8	12881.5	12433.2	11674.4	10441.5
17.5°	10777.7	10950.2	11458.9	11941.7	12295.2	12191.8	12183.1	12597.0	12622.9	12140.0	11053.6
20°	11553.7	12062.4	12303.9	12450.4	12019.3	11579.6	11527.9	12105.5	12553.9	12735.0	11786.5
22.5°	12795.3	13131.6	13623.0	12872.9	11752.0	11200.2	11096.7	11734.8	12640.1	13442.0	12735.0
25°	14011.0	14269.7	14743.9	13778.2	12053.8	11122.6	10941.5	11493.4	12967.8	14424.9	13881.7
27.5°	15295.7	15519.9	15571.7	14442.2	12217.6	10967.4	10751.9	11493.4	13243.7	14942.2	15252.6
30°	16080.4	16347.7	16399.4	15028.5	12484.9	11096.7	10993.3	11545.1	13433.4	15382.0	16235.6
32.5°	16959.8	17028.8	16985.7	15131.9	12778.1	11476.1	11045.0	11890.0	13648.9	15907.9	17132.3
35°	18011.7	18132.4	17692.7	15606.1	13433.4	11717.5	11562.3	12312.5	14019.7	16149.3	18218.7
37.5°	18813.6	19193.0	18201.4	15787.2	13562.7	12226.3	12252.1	13191.9	14278.3	16442.5	19417.1
40°	20322.5	19684.4	19063.6	16408.0	14054.2	13088.5	12950.5	14097.3	15149.2	16632.2	20201.8
42.5°	21150.2	20813.9	19399.9	16468.4	14812.9	14278.3	14312.8	15123.3	15606.1	17166.8	20417.3
45°	21357.1	21003.6	19856.9	16511.5	15563.0	15683.7	16278.7	16433.9	16278.7	17520.3	20822.6
47.5°	21883.1	21115.7	19805.1	17089.2	16778.8	17244.4	18003.1	18339.4	17192.6	17390.9	21012.3
50°	21779.6	21339.9	19693.1	17330.6	18261.8	19494.7	20003.5	19865.5	18210.0	17123.6	20805.3
52.5°	21348.5	20874.3	20037.9	17985.9	19649.9	21141.6	21848.6	21503.7	19115.4	17727.2	20667.4
55°	21977.9	21615.8	20486.3	18874.0	20693.2	22590.1	23090.2	22831.5	20227.6	18287.6	21452.0
57.5°	22659.1	22581.5	21702.0	19917.2	21926.2	24081.7	24081.7	23762.7	21193.3	19098.1	22616.0
60°	23642.0	23814.5	22598.7	20607.0	22348.7	23995.5	25245.7	24875.0	22167.6	20520.8	23935.2
62.5°	23323.0	23874.8	23754.1	22090.0	22831.5	24418.0	25099.2	25375.1	23374.7	22253.8	25694.1
65°	22297.0	22883.3	23745.5	23064.3	22469.4	23392.0	23736.9	24573.2	23978.3	23883.4	26418.4
67.5°	21072.6	21710.6	22245.2	23719.6	21736.5	22348.7	22046.9	22314.2	23323.0	25668.2	26832.2
70°	18399.7	19011.9	19856.9	22262.5	19796.5	19244.7	19167.1	19037.8	20607.0	25030.2	24952.6
72.5°	15131.9	15416.5	16813.3	18098.0	14649.1	14545.6	14666.3	14519.8	16339.0	22659.1	21374.4
75°	11329.5	11614.1	12407.3	13899.0	9975.9	9380.9	10070.7	10751.9	12476.3	17589.2	15356.1
77.5°	8518.7	8880.8	9380.9	10398.3	7320.2	6389.0	6483.9	7130.5	9018.8	14088.6	8604.9
80°	5526.8	5483.7	6449.4	7156.4	5509.6	5682.0	5440.6	5914.8	6535.6	7535.8	4397.3
82.5°	3190.2	3233.3	3638.6	4104.2	3836.9	4388.7	3164.3	5285.4	4664.6	3069.5	1638.2
85°	1793.4	1871.0	2241.8	2845.3	2405.6	1612.3	1319.2	2621.1	2931.5	1258.8	793.2
87.5°	181.1	155.2	301.8	1077.8	655.3	267.3	396.6	629.4	707.0	474.2	232.8
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°	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0
2.5°	12614.2	12614.2	12398.7	12036.6	11890.0	11631.3	11277.8	11389.9	11269.2	10829.5	10717.4
5°	12096.9	11683.1	11234.7	10682.9	10363.9	9708.6	9501.6	9130.9	9191.2	8820.5	8837.7
7.5°	11019.1	10691.5	9932.8	9208.5	8579.1	8010.0	7208.1	6906.4	6613.2	6466.6	6639.1
10°	10389.7	9777.6	8742.9	7794.5	6958.1	6449.4	5914.8	5501.0	5121.6	4837.0	4776.7
12.5°	9932.8	9389.6	8139.3	6984.0	6328.7	5914.8	5423.4	4854.3	4483.5	3992.1	3845.5
15°	9794.8	9130.9	7811.7	6664.9	6026.9	5345.8	4785.3	4224.9	3742.0	3224.7	3043.6
17.5°	10269.0	9501.6	7803.1	6406.3	5509.6	4776.7	4000.7	3371.3	2879.8	2405.6	2293.5
20°	11070.9	9898.3	8053.1	6251.1	5018.1	4035.2	3155.7	2526.3	1974.5	1664.1	1586.5
22.5°	11984.8	10570.8	8079.0	5837.2	4526.6	3293.7	2302.1	1664.1	1353.7	1207.1	1164.0
25°	13105.7	11648.6	8389.4	5501.0	3949.0	2500.4	1638.2	1276.1	1095.0	1008.8	991.6
27.5°	14028.3	12398.7	8725.6	5147.4	3379.9	1853.8	1284.7	1043.3	948.4	862.2	853.6
30°	14985.3	13260.9	8820.5	4931.9	2888.4	1526.1	1103.6	922.6	819.1	776.0	767.4
32.5°	15821.7	14200.7	9122.3	4578.4	2422.8	1345.1	1000.2	827.7	758.8	689.8	681.2
35°	16899.5	14743.9	9268.8	4388.7	2250.4	1215.7	914.0	758.8	655.3	612.2	594.9
37.5°	18054.8	15269.9	9363.7	4242.1	2103.8	1138.1	862.2	715.6	620.8	560.4	543.2
40°	19132.6	16011.4	9225.7	4061.0	1991.7	1043.3	827.7	663.9	577.7	517.3	491.5
42.5°	19960.3	16735.7	9182.6	3888.6	1871.0	1008.8	784.6	638.0	543.2	474.2	465.6
45°	20425.9	17227.1	8880.8	3750.6	1776.2	1026.0	767.4	603.6	517.3	457.0	422.5
47.5°	20313.9	17606.5	8958.4	3707.5	1646.8	957.1	758.8	577.7	474.2	422.5	396.6
50°	20934.7	18373.9	8829.1	3569.6	1552.0	862.2	827.7	577.7	465.6	405.2	379.4
52.5°	21038.1	19072.3	9105.0	3319.5	1405.4	793.2	819.1	569.1	448.4	388.0	353.5
55°	21900.3	19882.7	9639.6	3181.6	1284.7	689.8	750.1	551.8	405.2	353.5	336.3
57.5°	23073.0	21564.1	9984.5	3052.3	1120.9	603.6	629.4	543.2	370.8	327.6	301.8
60°	24202.5	22236.6	10010.4	2819.5	965.7	543.2	491.5	543.2	344.9	293.2	267.3
62.5°	25047.4	22236.6	9837.9	2621.1	845.0	482.8	431.1	517.3	310.4	258.7	241.4
65°	24590.5	21641.7	9389.6	2457.3	767.4	422.5	370.8	396.6	275.9	224.2	206.9
67.5°	23771.4	19787.9	8398.0	2259.0	758.8	370.8	319.0	293.2	241.4	198.3	181.1
70°	22460.8	17287.5	6992.6	2034.8	741.5	336.3	284.5	250.0	215.6	172.4	155.2
72.5°	18098.0	14278.3	5742.4	1905.5	724.3	293.2	241.4	215.6	181.1	146.6	129.3
75°	12536.7	9122.3	4423.2	1629.6	707.0	267.3	224.2	189.7	155.2	120.7	112.1
77.5°	7518.5	6095.9	2853.9	1224.3	465.6	215.6	189.7	146.6	129.3	103.5	94.8
80°	3517.8	2879.8	1155.4	474.2	224.2	155.2	129.3	112.1	103.5	86.2	77.6
82.5°	1379.5	1215.7	560.4	275.9	181.1	120.7	103.5	94.8	86.2	69.0	60.4
85°	741.5	655.3	267.3	189.7	129.3	86.2	86.2	77.6	69.0	60.4	51.7
87.5°	163.8	120.7	112.1	112.1	94.8	69.0	69.0	60.4	51.7	43.1	34.5
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°	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0
2.5°	10657.0	10786.3	10579.4	10708.7	10527.7	10665.6	10682.9	10553.5	10588.0	10760.5	10838.1
5°	9079.2	8992.9	8803.2	8742.9	8751.5	8639.4	8682.5	8742.9	8837.7	8889.5	9044.7
7.5°	6544.2	6742.5	6733.9	6880.5	6889.1	6871.9	6751.2	6492.5	6578.7	6509.7	6596.0
10°	4681.8	4768.1	4931.9	5026.7	5199.2	5104.3	4828.4	4725.0	4673.2	4664.6	4750.8
12.5°	3742.0	3535.1	3517.8	3552.3	3638.6	3526.5	3388.5	3267.8	3328.2	3448.9	3543.7
15°	2897.1	2724.6	2500.4	2465.9	2483.2	2431.5	2284.9	2129.7	2172.8	2293.5	2362.5
17.5°	2224.5	2026.2	1871.0	1767.5	1733.1	1552.0	1336.4	1207.1	1172.6	1164.0	1224.3
20°	1500.3	1465.8	1439.9	1310.6	1310.6	1051.9	870.8	776.0	776.0	793.2	801.9
22.5°	1120.9	1077.8	1086.4	1060.5	991.6	784.6	689.8	663.9	663.9	681.2	681.2
25°	974.3	914.0	896.7	888.1	819.1	672.5	603.6	577.7	577.7	594.9	594.9
27.5°	827.7	810.5	784.6	750.1	689.8	577.7	534.6	508.7	517.3	526.0	517.3
30°	758.8	715.6	681.2	681.2	612.2	517.3	482.8	465.6	448.4	465.6	474.2
32.5°	672.5	646.7	629.4	603.6	526.0	457.0	422.5	405.2	396.6	396.6	405.2
35°	577.7	577.7	560.4	526.0	457.0	413.9	370.8	353.5	344.9	353.5	353.5
37.5°	517.3	491.5	500.1	465.6	405.2	362.1	319.0	301.8	301.8	293.2	301.8
40°	482.8	439.7	413.9	396.6	362.1	310.4	275.9	258.7	250.0	250.0	250.0
42.5°	431.1	396.6	344.9	336.3	327.6	267.3	224.2	215.6	206.9	198.3	198.3
45°	405.2	353.5	310.4	267.3	267.3	224.2	189.7	172.4	163.8	155.2	163.8
47.5°	370.8	319.0	267.3	224.2	215.6	181.1	146.6	129.3	120.7	120.7	120.7
50°	353.5	284.5	232.8	189.7	163.8	146.6	112.1	94.8	86.2	86.2	86.2
52.5°	327.6	267.3	206.9	163.8	129.3	112.1	86.2	69.0	60.4	60.4	60.4
55°	293.2	241.4	181.1	138.0	112.1	86.2	60.4	43.1	34.5	34.5	34.5
57.5°	275.9	215.6	155.2	120.7	86.2	60.4	34.5	25.9	25.9	17.2	25.9
60°	250.0	189.7	129.3	94.8	69.0	43.1	25.9	8.6	8.6	8.6	8.6
62.5°	215.6	163.8	112.1	77.6	51.7	25.9	8.6	0.0	0.0	0.0	0.0
65°	181.1	129.3	86.2	60.4	34.5	8.6	0.0	0.0	0.0	0.0	0.0
67.5°	155.2	112.1	69.0	43.1	25.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	138.0	94.8	51.7	34.5	8.6	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	112.1	77.6	43.1	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	94.8	60.4	25.9	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	77.6	43.1	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	60.4	34.5	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	51.7	25.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	34.5	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	25.9	8.6	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: P599508
 CATALOG NUMBER: IFLD-L-SA7C-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0	12140.0
2.5°	10950.2	10898.4	11157.1	11579.6	11795.1	12217.6	12321.1	12588.4	12519.4	12614.2
5°	9061.9	9165.4	9544.8	10165.6	10389.7	11001.9	11579.6	12157.3	12528.0	12709.1
7.5°	6725.3	7070.2	7535.8	8104.8	8682.5	9484.4	10467.3	11139.9	11502.0	11890.0
10°	5009.5	5380.2	5914.8	6475.3	7415.1	8311.8	9294.7	10131.1	10441.5	10803.6
12.5°	3940.3	4518.0	5138.8	5742.4	6302.8	7156.4	8372.1	9587.9	9924.1	10200.0
15°	2741.9	3448.9	4337.0	5121.6	5906.2	6647.7	7906.5	9380.9	9837.9	10303.5
17.5°	1517.5	2077.9	3095.4	4199.0	5354.4	6492.5	8061.7	9760.3	10450.1	10777.7
20°	879.5	1103.6	1827.9	3138.5	4664.6	6156.2	8139.3	10475.9	11389.9	11553.7
22.5°	724.3	801.9	1034.7	1965.9	3819.6	5940.7	8536.0	11476.1	12407.3	12795.3
25°	620.8	681.2	801.9	1181.2	2888.4	5483.7	8786.0	12726.3	13588.6	14011.0
27.5°	551.8	612.2	707.0	870.8	1965.9	4854.3	9199.9	13855.8	14718.1	15295.7
30°	482.8	534.6	629.4	741.5	1362.3	4147.3	9553.4	14683.6	15899.3	16080.4
32.5°	431.1	474.2	543.2	638.0	1008.8	3147.1	9837.9	15537.2	16563.2	16959.8
35°	370.8	422.5	465.6	543.2	767.4	2371.1	9665.5	16201.1	17537.5	18011.7
37.5°	327.6	362.1	405.2	457.0	646.7	1853.8	9312.0	16994.3	18373.9	18813.6
40°	275.9	301.8	353.5	405.2	586.3	1431.3	8906.7	17951.4	19546.5	20322.5
42.5°	232.8	258.7	293.2	379.4	482.8	1060.5	8087.6	18692.9	20494.9	21150.2
45°	181.1	215.6	267.3	379.4	388.0	784.6	7242.6	19244.7	21029.5	21357.1
47.5°	138.0	172.4	258.7	327.6	310.4	543.2	6242.5	19874.1	21581.3	21883.1
50°	103.5	138.0	293.2	284.5	258.7	413.9	5613.0	20313.9	21615.8	21779.6
52.5°	69.0	103.5	241.4	215.6	215.6	362.1	5440.6	20296.6	21702.0	21348.5
55°	51.7	77.6	138.0	155.2	189.7	319.0	5285.4	20943.3	21727.9	21977.9
57.5°	34.5	60.4	94.8	120.7	163.8	275.9	4966.4	21719.3	22529.8	22659.1
60°	17.2	43.1	69.0	94.8	138.0	241.4	4518.0	22288.3	23504.1	23642.0
62.5°	8.6	25.9	51.7	77.6	112.1	189.7	4052.4	21383.0	23081.6	23323.0
65°	0.0	17.2	34.5	51.7	69.0	138.0	3293.7	19305.1	21408.9	22297.0
67.5°	0.0	0.0	17.2	34.5	43.1	103.5	2483.2	17563.4	19865.5	21072.6
70°	0.0	0.0	8.6	8.6	25.9	77.6	1586.5	14545.6	17735.8	18399.7
72.5°	0.0	0.0	0.0	0.0	8.6	51.7	922.6	10803.6	13899.0	15131.9
75°	0.0	0.0	0.0	0.0	0.0	43.1	465.6	6949.5	9674.1	11329.5
77.5°	0.0	0.0	0.0	0.0	0.0	34.5	250.0	4483.5	7130.5	8518.7
80°	0.0	0.0	0.0	0.0	0.0	8.6	146.6	2603.9	4561.1	5526.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	60.4	1276.1	2724.6	3190.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	17.2	681.2	1362.3	1793.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.9	94.8	181.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)