

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: P599570

Luminaire Tested: **IFLD-L-SA8B-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: P599570
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8B-760-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (128) 5700K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

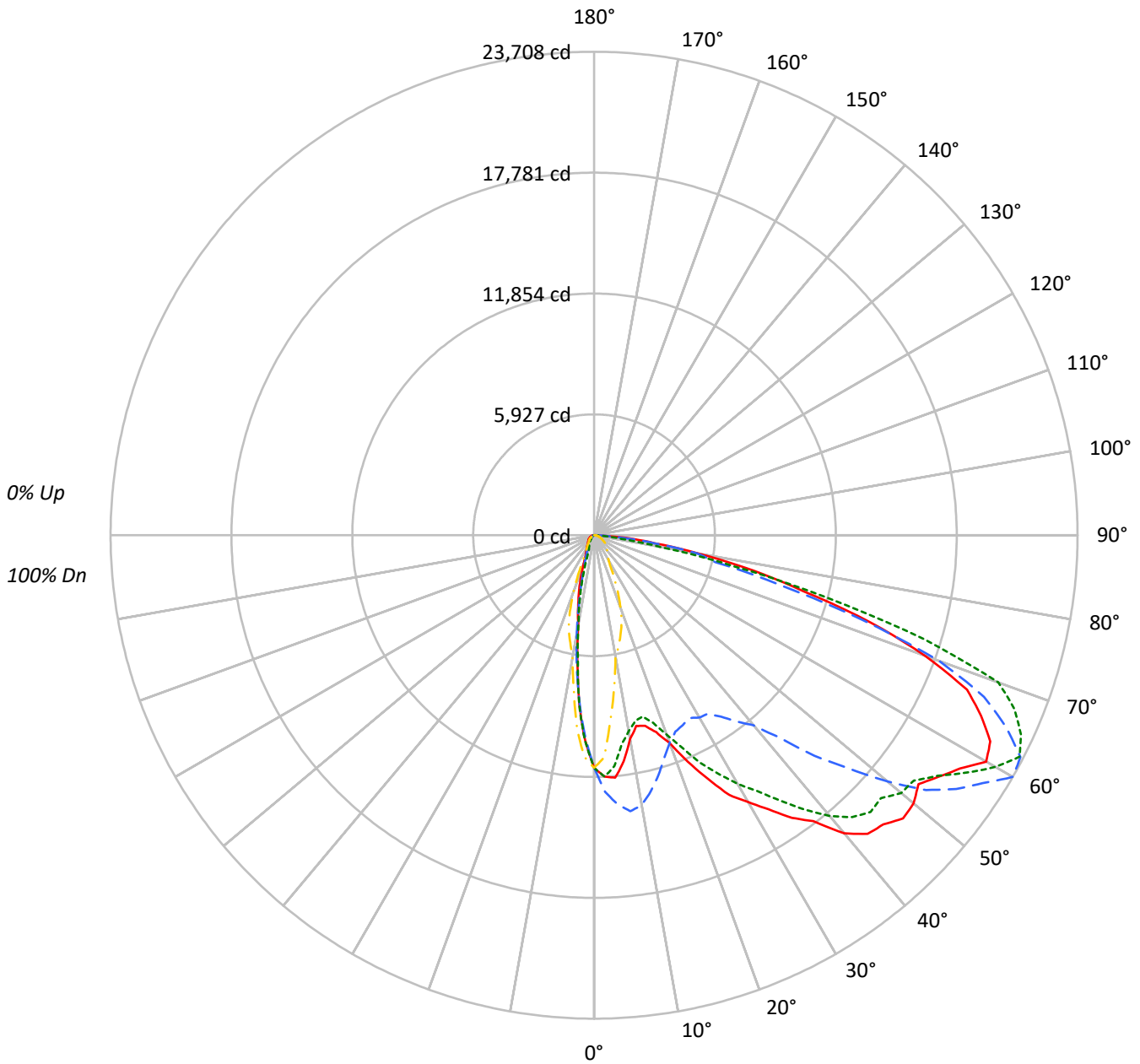
Lumens per Lamp: N/A
 Luminaire Lumens: 30321.3 lumens
 Efficiency: N/A
 Efficacy: 94.8 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 320
 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°	61358	61358	61358	61358
5°	64479	61373	44838	45100
10°	55445	53321	24514	23939
15°	53912	51251	15925	12001
20°	62142	59545	8533	4266
25°	78134	73086	5530	3318
30°	93845	87455	4478	2717
35°	111132	104269	3671	2181
40°	134082	126232	3242	1650
45°	152653	145997	3020	1109
50°	171250	164606	2983	678
55°	193662	192978	2963	304
60°	238980	244645	2702	87
65°	266653	294081	2474	0
70°	271899	331910	2293	0
75°	221241	244811	2190	0
80°	160862	102390	2259	0
85°	104001	42997	3001	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	866.1	2.9
10°-20°	1698.4	5.6
20°-30°	2350.3	7.8
30°-40°	3321.6	11.0
40°-50°	4522.3	14.9
50°-60°	5989.6	19.8
60°-70°	6954.3	22.9
70°-80°	3938.3	13.0
80°-90°	680.5	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°	4914.7	16.2
0°-40°	8236.3	27.2
0°-60°	18748.2	61.8
0°-90°	30321.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	30321.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	11401	11401	11401	11401	11401	
5°	11935	11360	8299	8348	11935	1072
15°	9676	9198	2858	2154	9676	2838
25°	13158	12308	931	559	13158	6137
35°	16915	15870	559	332	16915	10663
45°	20056	19182	397	146	20056	15549
55°	20639	20566	316	32	20639	18699
65°	20939	23093	194	0	20939	20412
75°	10640	11773	105	0	10640	11612
85°	1684	696	49	0	1684	2024
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°	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6
2.5°	11845.9	12096.9	12105.0	12218.4	12331.7	12331.7	12598.9	12534.2	12299.4	12258.9	12088.8
5°	11935.0	12024.1	12088.8	12663.7	13149.5	13101.0	13246.7	13149.5	12696.1	12113.1	11716.4
7.5°	11165.8	11262.9	11522.0	12501.8	13157.6	13376.3	13651.6	13044.3	12566.6	11513.9	10752.8
10°	10145.5	10331.8	10809.5	11926.9	12736.6	13432.9	13432.9	12947.1	12024.1	10995.7	10064.6
12.5°	9578.8	9951.2	10210.3	11343.9	12396.5	12874.2	12858.0	12598.9	11999.8	10704.2	9651.6
15°	9675.9	9781.2	10331.8	11214.4	11910.7	11886.4	12177.9	12096.9	11675.9	10963.3	9805.5
17.5°	10121.3	10283.2	10760.9	11214.4	11546.3	11449.2	11441.1	11829.7	11854.0	11400.6	10380.4
20°	10850.0	11327.7	11554.4	11692.1	11287.2	10874.3	10825.7	11368.2	11789.2	11959.3	11068.6
22.5°	12016.0	12331.7	12793.3	12088.8	11036.2	10518.0	10420.8	11020.0	11870.2	12623.2	11959.3
25°	13157.6	13400.5	13845.9	12939.0	11319.6	10445.1	10275.1	10793.3	12177.9	13546.3	13036.2
27.5°	14364.1	14574.6	14623.2	13562.5	11473.5	10299.4	10097.0	10793.3	12437.0	14032.1	14323.6
30°	15100.9	15351.9	15400.5	14113.1	11724.5	10420.8	10323.7	10841.9	12615.1	14445.1	15246.7
32.5°	15926.8	15991.6	15951.1	14210.2	11999.8	10777.1	10372.3	11165.8	12817.6	14939.0	16088.8
35°	16914.6	17028.0	16615.1	14655.6	12615.1	11003.8	10858.1	11562.5	13165.7	15165.7	17109.0
37.5°	17667.7	18023.9	17092.8	14825.6	12736.6	11481.6	11505.8	12388.4	13408.6	15441.0	18234.5
40°	19084.6	18485.5	17902.5	15408.6	13198.1	12291.3	12161.7	13238.6	14226.4	15619.1	18971.3
42.5°	19862.0	19546.2	18218.3	15465.3	13910.7	13408.6	13441.0	14202.2	14655.6	16121.1	19173.7
45°	20056.3	19724.3	18647.4	15505.8	14615.1	14728.5	15287.1	15432.9	15287.1	16453.1	19554.3
47.5°	20550.2	19829.6	18598.8	16048.3	15756.8	16194.0	16906.6	17222.3	16145.4	16331.7	19732.4
50°	20453.0	20040.1	18493.6	16275.0	17149.5	18307.3	18785.1	18655.5	17100.9	16080.7	19538.1
52.5°	20048.2	19602.9	18817.4	16890.4	18453.1	19853.9	20517.8	20193.9	17951.1	16647.4	19408.5
55°	20639.3	20299.2	19238.5	17724.3	19432.8	21214.2	21683.8	21440.9	18995.6	17173.8	20145.4
57.5°	21278.9	21206.1	20380.2	18704.1	20590.7	22614.9	22614.9	22315.4	19902.4	17934.9	21238.4
60°	22202.0	22363.9	21222.3	19351.8	20987.4	22534.0	23708.0	23359.9	20817.4	19270.9	22477.3
62.5°	21902.4	22420.6	22307.3	20744.5	21440.9	22930.7	23570.4	23829.5	21951.0	20898.4	24129.1
65°	20938.9	21489.5	22299.2	21659.5	21100.8	21967.2	22291.1	23076.5	22517.8	22428.7	24809.2
67.5°	19789.1	20388.3	20890.3	22274.9	20412.6	20987.4	20704.0	20955.1	21902.4	24104.8	25197.9
70°	17279.0	17853.9	18647.4	20906.5	18590.7	18072.5	17999.6	17878.2	19351.8	23505.6	23432.7
72.5°	14210.2	14477.4	15789.2	16995.6	13756.8	13659.7	13773.0	13635.4	15343.8	21278.9	20072.5
75°	10639.5	10906.7	11651.6	13052.4	9368.2	8809.5	9457.3	10097.0	11716.4	16517.9	14420.8
77.5°	7999.8	8339.9	8809.5	9765.0	6874.4	5999.9	6088.9	6696.2	8469.5	13230.5	8080.8
80°	5190.2	5149.7	6056.6	6720.5	5174.0	5335.9	5109.2	5554.5	6137.5	7076.8	4129.5
82.5°	2995.9	3036.4	3416.9	3854.2	3603.2	4121.4	2971.6	4963.5	4380.5	2882.5	1538.4
85°	1684.2	1757.1	2105.2	2672.0	2259.1	1514.1	1238.8	2461.5	2753.0	1182.2	744.9
87.5°	170.0	145.7	283.4	1012.1	615.4	251.0	372.5	591.1	664.0	445.3	218.6
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°	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6
2.5°	11845.9	11845.9	11643.5	11303.4	11165.8	10922.9	10590.9	10696.1	10582.8	10169.8	10064.6
5°	11360.1	10971.4	10550.4	10032.2	9732.6	9117.2	8922.9	8574.7	8631.4	8283.2	8299.4
7.5°	10348.0	10040.3	9327.8	8647.6	8056.5	7522.1	6769.1	6485.7	6210.4	6072.8	6234.7
10°	9756.9	9182.0	8210.4	7319.7	6534.3	6056.6	5554.5	5165.9	4809.6	4542.4	4485.7
12.5°	9327.8	8817.6	7643.6	6558.6	5943.2	5554.5	5093.0	4558.6	4210.4	3748.9	3611.3
15°	9198.2	8574.7	7335.9	6259.0	5659.8	5020.1	4493.8	3967.5	3514.1	3028.3	2858.2
17.5°	9643.5	8922.9	7327.8	6016.1	5174.0	4485.7	3757.0	3165.9	2704.4	2259.1	2153.8
20°	10396.6	9295.4	7562.6	5870.3	4712.5	3789.4	2963.5	2372.4	1854.2	1562.7	1489.8
22.5°	11254.8	9926.9	7586.9	5481.7	4250.9	3093.1	2161.9	1562.7	1271.2	1133.6	1093.1
25°	12307.5	10939.1	7878.4	5165.9	3708.4	2348.1	1538.4	1198.4	1028.3	947.3	931.2
27.5°	13173.8	11643.5	8194.2	4833.9	3174.0	1740.9	1206.5	979.7	890.7	809.7	801.6
30°	14072.6	12453.2	8283.2	4631.5	2712.5	1433.2	1036.4	866.4	769.2	728.7	720.6
32.5°	14858.0	13335.8	8566.6	4299.5	2275.3	1263.1	939.3	777.3	712.5	647.8	639.7
35°	15870.1	13845.9	8704.3	4121.4	2113.3	1141.7	858.3	712.5	615.4	574.9	558.7
37.5°	16955.1	14339.8	8793.3	3983.7	1975.7	1068.8	809.7	672.1	583.0	526.3	510.1
40°	17967.3	15036.1	8663.8	3813.7	1870.4	979.7	777.3	623.5	542.5	485.8	461.5
42.5°	18744.6	15716.3	8623.3	3651.8	1757.1	947.3	736.8	599.2	510.1	445.3	437.2
45°	19181.8	16177.8	8339.9	3522.2	1668.0	963.5	720.6	566.8	485.8	429.1	396.8
47.5°	19076.5	16534.1	8412.8	3481.7	1546.5	898.8	712.5	542.5	445.3	396.8	372.5
50°	19659.5	17254.7	8291.3	3352.2	1457.5	809.7	777.3	542.5	437.2	380.6	356.3
52.5°	19756.7	17910.6	8550.4	3117.3	1319.8	744.9	769.2	534.4	421.0	364.4	332.0
55°	20566.4	18671.7	9052.5	2987.8	1206.5	647.8	704.4	518.2	380.6	332.0	315.8
57.5°	21667.6	20250.6	9376.3	2866.3	1052.6	566.8	591.1	510.1	348.2	307.7	283.4
60°	22728.3	20882.2	9400.6	2647.7	906.9	510.1	461.5	510.1	323.9	275.3	251.0
62.5°	23521.8	20882.2	9238.7	2461.5	793.5	453.4	404.9	485.8	291.5	242.9	226.7
65°	23092.7	20323.5	8817.6	2307.6	720.6	396.8	348.2	372.5	259.1	210.5	194.3
67.5°	22323.4	18582.6	7886.5	2121.4	712.5	348.2	299.6	275.3	226.7	186.2	170.0
70°	21092.7	16234.5	6566.7	1910.9	696.3	315.8	267.2	234.8	202.4	161.9	145.7
72.5°	16995.6	13408.6	5392.6	1789.4	680.1	275.3	226.7	202.4	170.0	137.6	121.5
75°	11773.0	8566.6	4153.8	1530.3	664.0	251.0	210.5	178.1	145.7	113.4	105.3
77.5°	7060.6	5724.6	2680.1	1149.8	437.2	202.4	178.1	137.6	121.5	97.2	89.1
80°	3303.6	2704.4	1085.0	445.3	210.5	145.7	121.5	105.3	97.2	81.0	72.9
82.5°	1295.5	1141.7	526.3	259.1	170.0	113.4	97.2	89.1	81.0	64.8	56.7
85°	696.3	615.4	251.0	178.1	121.5	81.0	81.0	72.9	64.8	56.7	48.6
87.5°	153.8	113.4	105.3	105.3	89.1	64.8	64.8	56.7	48.6	40.5	32.4
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°	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6
2.5°	10007.9	10129.4	9935.0	10056.5	9886.4	10016.0	10032.2	9910.7	9943.1	10105.1	10177.9
5°	8526.1	8445.2	8267.0	8210.4	8218.5	8113.2	8153.7	8210.4	8299.4	8348.0	8493.8
7.5°	6145.6	6331.9	6323.8	6461.4	6469.5	6453.3	6340.0	6097.0	6178.0	6113.2	6194.2
10°	4396.7	4477.6	4631.5	4720.6	4882.5	4793.4	4534.3	4437.2	4388.6	4380.5	4461.5
12.5°	3514.1	3319.8	3303.6	3336.0	3416.9	3311.7	3182.1	3068.8	3125.4	3238.8	3327.9
15°	2720.6	2558.7	2348.1	2315.7	2331.9	2283.4	2145.7	2000.0	2040.4	2153.8	2218.6
17.5°	2089.0	1902.8	1757.1	1659.9	1627.5	1457.5	1255.0	1133.6	1101.2	1093.1	1149.8
20°	1408.9	1376.5	1352.2	1230.7	1230.7	987.8	817.8	728.7	728.7	744.9	753.0
22.5°	1052.6	1012.1	1020.2	995.9	931.2	736.8	647.8	623.5	623.5	639.7	639.7
25°	915.0	858.3	842.1	834.0	769.2	631.6	566.8	542.5	542.5	558.7	558.7
27.5°	777.3	761.1	736.8	704.4	647.8	542.5	502.0	477.7	485.8	493.9	485.8
30°	712.5	672.1	639.7	639.7	574.9	485.8	453.4	437.2	421.0	437.2	445.3
32.5°	631.6	607.3	591.1	566.8	493.9	429.1	396.8	380.6	372.5	372.5	380.6
35°	542.5	542.5	526.3	493.9	429.1	388.7	348.2	332.0	323.9	332.0	332.0
37.5°	485.8	461.5	469.6	437.2	380.6	340.1	299.6	283.4	283.4	275.3	283.4
40°	453.4	412.9	388.7	372.5	340.1	291.5	259.1	242.9	234.8	234.8	234.8
42.5°	404.9	372.5	323.9	315.8	307.7	251.0	210.5	202.4	194.3	186.2	186.2
45°	380.6	332.0	291.5	251.0	251.0	210.5	178.1	161.9	153.8	145.7	153.8
47.5°	348.2	299.6	251.0	210.5	202.4	170.0	137.6	121.5	113.4	113.4	113.4
50°	332.0	267.2	218.6	178.1	153.8	137.6	105.3	89.1	81.0	81.0	81.0
52.5°	307.7	251.0	194.3	153.8	121.5	105.3	81.0	64.8	56.7	56.7	56.7
55°	275.3	226.7	170.0	129.6	105.3	81.0	56.7	40.5	32.4	32.4	32.4
57.5°	259.1	202.4	145.7	113.4	81.0	56.7	32.4	24.3	24.3	16.2	24.3
60°	234.8	178.1	121.5	89.1	64.8	40.5	24.3	8.1	8.1	8.1	8.1
62.5°	202.4	153.8	105.3	72.9	48.6	24.3	8.1	0.0	0.0	0.0	0.0
65°	170.0	121.5	81.0	56.7	32.4	8.1	0.0	0.0	0.0	0.0	0.0
67.5°	145.7	105.3	64.8	40.5	24.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	129.6	89.1	48.6	32.4	8.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	105.3	72.9	40.5	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	89.1	56.7	24.3	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	72.9	40.5	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	56.7	32.4	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	48.6	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	32.4	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.3	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: P599570
 CATALOG NUMBER: IFLD-L-SA8B-760-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6	11400.6
2.5°	10283.2	10234.6	10477.5	10874.3	11076.7	11473.5	11570.6	11821.6	11756.9	11845.9
5°	8510.0	8607.1	8963.4	9546.4	9756.9	10331.8	10874.3	11416.8	11765.0	11935.0
7.5°	6315.7	6639.5	7076.8	7611.2	8153.7	8906.7	9829.8	10461.3	10801.4	11165.8
10°	4704.4	5052.5	5554.5	6080.9	6963.4	7805.5	8728.6	9514.0	9805.5	10145.5
12.5°	3700.3	4242.8	4825.8	5392.6	5918.9	6720.5	7862.2	9003.9	9319.7	9578.8
15°	2574.8	3238.8	4072.8	4809.6	5546.4	6242.8	7425.0	8809.5	9238.7	9675.9
17.5°	1425.1	1951.4	2906.8	3943.2	5028.2	6097.0	7570.7	9165.8	9813.6	10121.3
20°	825.9	1036.4	1716.6	2947.3	4380.5	5781.3	7643.6	9837.9	10696.1	10850.0
22.5°	680.1	753.0	971.6	1846.1	3587.0	5578.8	8016.0	10777.1	11651.6	12016.0
25°	583.0	639.7	753.0	1109.3	2712.5	5149.7	8250.9	11951.2	12760.9	13157.6
27.5°	518.2	574.9	664.0	817.8	1846.1	4558.6	8639.5	13011.9	13821.6	14364.1
30°	453.4	502.0	591.1	696.3	1279.3	3894.7	8971.5	13789.2	14930.9	15100.9
32.5°	404.9	445.3	510.1	599.2	947.3	2955.4	9238.7	14590.8	15554.4	15926.8
35°	348.2	396.8	437.2	510.1	720.6	2226.7	9076.7	15214.3	16469.3	16914.6
37.5°	307.7	340.1	380.6	429.1	607.3	1740.9	8744.8	15959.2	17254.7	17667.7
40°	259.1	283.4	332.0	380.6	550.6	1344.1	8364.2	16858.0	18355.9	19084.6
42.5°	218.6	242.9	275.3	356.3	453.4	995.9	7595.0	17554.3	19246.6	19862.0
45°	170.0	202.4	251.0	356.3	364.4	736.8	6801.5	18072.5	19748.6	20056.3
47.5°	129.6	161.9	242.9	307.7	291.5	510.1	5862.2	18663.6	20266.8	20550.2
50°	97.2	129.6	275.3	267.2	242.9	388.7	5271.2	19076.5	20299.2	20453.0
52.5°	64.8	97.2	226.7	202.4	202.4	340.1	5109.2	19060.4	20380.2	20048.2
55°	48.6	72.9	129.6	145.7	178.1	299.6	4963.5	19667.6	20404.5	20639.3
57.5°	32.4	56.7	89.1	113.4	153.8	259.1	4663.9	20396.4	21157.5	21278.9
60°	16.2	40.5	64.8	89.1	129.6	226.7	4242.8	20930.8	22072.4	22202.0
62.5°	8.1	24.3	48.6	72.9	105.3	178.1	3805.6	20080.6	21675.7	21902.4
65°	0.0	16.2	32.4	48.6	64.8	129.6	3093.1	18129.2	20104.9	20938.9
67.5°	0.0	0.0	16.2	32.4	40.5	97.2	2331.9	16493.6	18655.5	19789.1
70°	0.0	0.0	8.1	8.1	24.3	72.9	1489.8	13659.7	16655.5	17279.0
72.5°	0.0	0.0	0.0	0.0	8.1	48.6	866.4	10145.5	13052.4	14210.2
75°	0.0	0.0	0.0	0.0	0.0	40.5	437.2	6526.2	9084.8	10639.5
77.5°	0.0	0.0	0.0	0.0	0.0	32.4	234.8	4210.4	6696.2	7999.8
80°	0.0	0.0	0.0	0.0	0.0	8.1	137.6	2445.3	4283.3	5190.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	56.7	1198.4	2558.7	2995.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	16.2	639.7	1279.3	1684.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.3	89.1	170.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)