

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: P599304

Luminaire Tested: **IFLD-L-SA7B-760-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599304
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7B-760-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (112) 5700K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

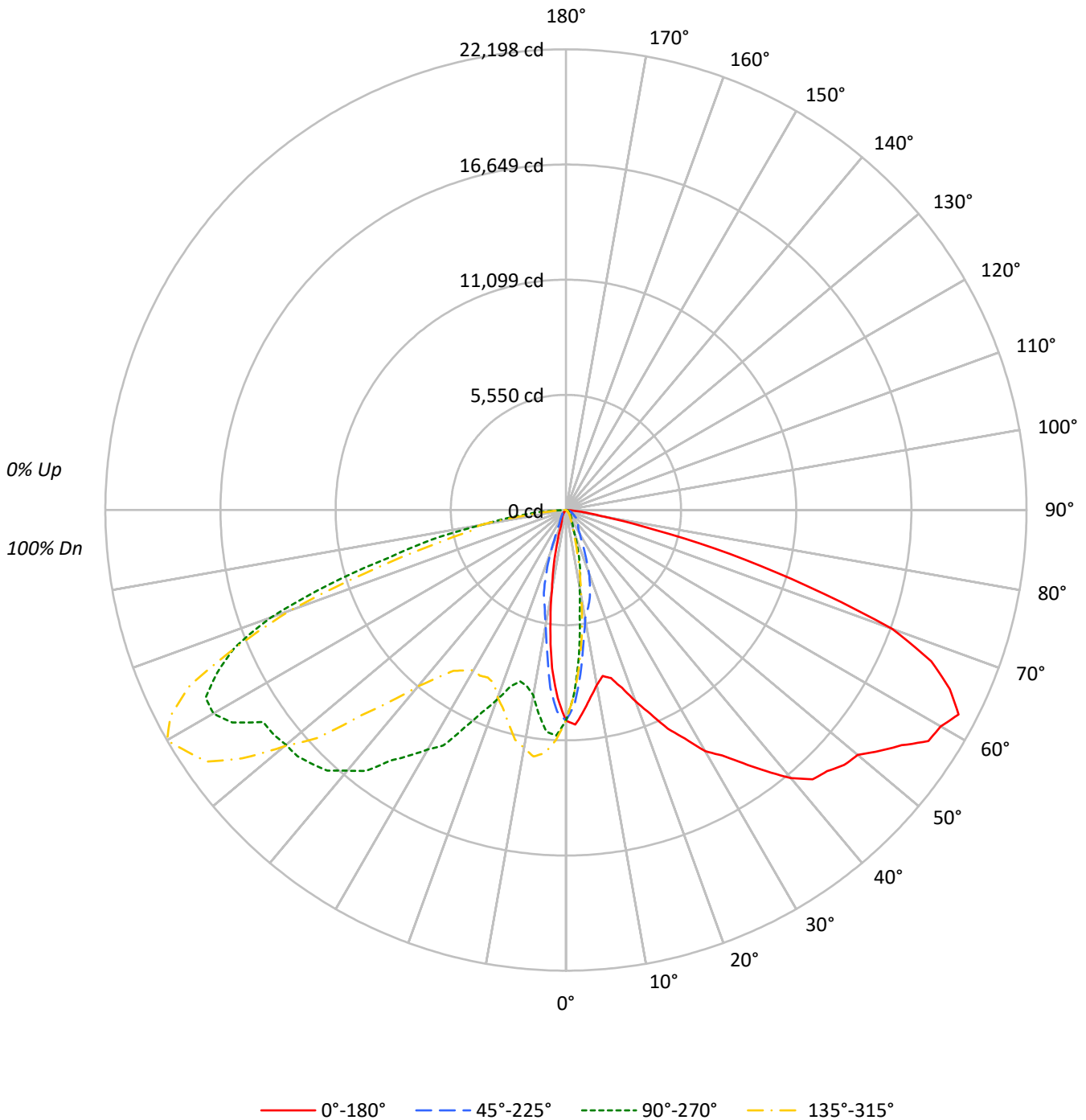
Lumens per Lamp: N/A
 Luminaire Lumens: 26534.4 lumens
 Efficiency: N/A
 Efficacy: 94.4 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 281
 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



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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	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79				79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62				62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49				49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40				40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33				33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27				27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24				24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20				20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18				18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16				16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	54595	54595	54595	54595
5°	52562	38417	41354	57934
10°	46797	20916	21190	49534
15°	46715	13951	8530	47592
20°	56091	6965	3401	55763
25°	68990	4375	2634	68650
30°	83358	3512	2000	82824
35°	97810	2820	1551	96823
40°	118412	2413	1005	115145
45°	135469	2178	544	131712
50°	153697	2097	120	147408
55°	185400	2014	0	167141
60°	224463	1694	0	211142
65°	259915	1366	0	236228
70°	263191	1125	0	238199
75°	170328	744	0	182676
80°	58091	223	0	129264
85°	29159	0	0	94979

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	768.4	2.9
10°-20°	1487.9	5.6
20°-30°	2072.4	7.8
30°-40°	2944.6	11.1
40°-50°	4083.3	15.4
50°-60°	5563.7	21.0
60°-70°	6116.8	23.1
70°-80°	3006.4	11.3
80°-90°	490.9	1.9
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°	4328.7	16.3
0°-40°	7273.3	27.4
0°-60°	16920.3	63.8
0°-90°	26534.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	26534.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	10144	10144	10144	10144	10144	
5°	9729	7111	7655	10724	9729	890
15°	8384	2504	1531	8542	8384	2482
25°	11618	737	444	11560	11618	5401
35°	14887	429	236	14737	14887	9450
45°	17799	286	72	17305	17799	13797
55°	19759	215	0	17813	19759	17774
65°	20410	107	0	18550	20410	19724
75°	8191	36	0	8785	8191	8930
85°	472	0	0	1538	472	653
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1
2.5°	10351.5	10473.2	10358.7	9958.1	9886.5	9693.4	9400.1	9378.6	9071.0	9106.8	8942.2
5°	9729.2	9850.8	9607.5	9078.2	8584.6	8191.1	7955.0	7532.9	7439.9	7232.5	7232.5
7.5°	9092.5	9085.3	8670.4	8226.9	7490.0	6767.5	6438.4	5830.3	5472.7	5279.5	5093.5
10°	8563.1	8448.6	8191.1	7275.4	6474.2	5723.0	5315.3	4914.7	4542.7	4220.7	3898.8
12.5°	8191.1	8262.6	7854.9	6860.5	5823.2	5301.0	4864.6	4442.5	3999.0	3634.1	3276.4
15°	8384.2	8269.8	7790.5	6767.5	5715.9	5000.5	4421.0	3906.0	3412.4	2933.1	2661.2
17.5°	8985.2	8691.9	8126.7	6767.5	5494.1	4542.7	3841.6	3233.5	2704.1	2274.9	1938.7
20°	9793.5	9457.3	8849.2	7017.9	5329.6	4206.4	3247.8	2482.4	1931.5	1530.9	1273.4
22.5°	10623.4	10358.7	9443.0	7118.0	5136.4	3755.7	2561.1	1795.6	1287.7	1030.1	901.4
25°	11617.8	11245.8	10244.2	7518.6	4850.3	3319.4	2017.4	1251.9	958.6	822.7	744.0
27.5°	12411.8	12347.5	10995.4	7761.9	4635.7	2961.7	1595.3	994.4	794.1	693.9	643.8
30°	13413.4	13062.8	11911.1	8248.3	4392.4	2553.9	1330.6	894.2	729.7	622.4	586.6
32.5°	14014.3	13849.7	12390.4	8520.2	4120.6	2217.7	1144.6	786.9	665.3	586.6	550.8
35°	14887.0	14558.0	13077.1	8691.9	3977.5	2024.5	1030.1	715.4	558.0	479.3	436.4
37.5°	15860.0	15738.3	13899.8	8684.7	3770.0	1910.1	951.5	665.3	529.4	443.5	393.5
40°	16854.3	16360.7	14400.6	8885.0	3662.7	1824.2	894.2	636.7	500.8	422.1	357.7
42.5°	17598.3	17033.2	14980.0	8813.5	3534.0	1674.0	872.8	593.8	479.3	386.3	329.1
45°	17798.6	17598.3	15502.3	8792.0	3441.0	1552.4	837.0	586.6	465.0	364.8	307.6
47.5°	18184.9	18049.0	16146.1	8827.8	3369.4	1459.4	751.1	600.9	443.5	343.4	293.3
50°	18356.6	18113.4	16668.3	8913.6	3204.9	1344.9	672.5	629.5	436.4	336.2	279.0
52.5°	19064.9	18850.2	17383.7	9156.9	3069.0	1194.7	593.8	600.9	450.7	314.8	264.7
55°	19758.8	19515.6	18485.4	9714.9	2875.8	1073.1	507.9	529.4	429.2	286.2	236.1
57.5°	20710.2	20309.6	19222.2	9943.8	2704.1	908.5	450.7	436.4	400.6	257.5	207.5
60°	20853.3	21017.8	19114.9	9800.7	2525.3	801.2	393.5	336.2	429.2	228.9	178.8
62.5°	21332.6	20645.9	18614.2	9471.6	2396.5	736.8	350.5	279.0	372.0	200.3	150.2
65°	20409.8	19901.9	17441.0	8412.9	2232.0	744.0	307.6	228.9	236.1	164.5	121.6
67.5°	19057.7	18657.1	15495.1	7261.1	2067.4	729.7	271.8	200.3	178.8	143.1	107.3
70°	16725.6	15860.0	13163.0	5894.7	1824.2	679.6	228.9	178.8	150.2	114.5	78.7
72.5°	12168.6	11818.1	9443.0	4557.0	1638.2	615.2	214.6	150.2	128.8	85.8	64.4
75°	8191.1	7611.6	5959.1	2990.3	1316.3	536.5	178.8	135.9	100.2	64.4	50.1
77.5°	4328.0	4092.0	3376.6	1423.6	729.7	250.4	100.2	78.7	57.2	50.1	28.6
80°	1874.3	1666.8	1459.4	579.5	257.5	114.5	64.4	42.9	35.8	28.6	14.3
82.5°	958.6	915.7	758.3	250.4	150.2	85.8	35.8	28.6	21.5	14.3	7.2
85°	472.2	486.5	400.6	78.7	85.8	50.1	7.2	7.2	0.0	0.0	0.0
87.5°	35.8	35.8	28.6	14.3	21.5	7.2	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

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1
2.5°	8877.9	8978.0	8806.3	8913.6	8863.6	8885.0	8906.5	8849.2	8863.6	9063.9	9071.0
5°	7110.9	7304.0	7232.5	7332.6	7504.3	7418.5	7497.2	7482.9	7497.2	7525.8	7654.6
7.5°	5072.0	5014.8	5150.7	5415.4	5723.0	5909.0	5816.0	5766.0	5737.3	5665.8	5751.7
10°	3827.3	3798.7	3762.9	3841.6	4041.9	4249.4	4363.8	4170.7	4063.4	3927.4	3877.4
12.5°	3176.3	2997.4	2897.3	2775.7	2832.9	3018.9	3026.1	2840.1	2668.4	2596.8	2675.5
15°	2503.8	2382.2	2203.4	2031.7	1945.8	2088.9	1967.3	1788.4	1566.7	1538.1	1530.9
17.5°	1788.4	1716.9	1588.1	1516.6	1416.5	1380.7	1251.9	980.1	822.7	779.8	794.1
20°	1216.1	1158.9	1151.8	1087.4	1044.5	1015.8	808.4	629.5	579.5	586.6	593.8
22.5°	901.4	872.8	837.0	829.8	794.1	758.3	593.8	529.4	493.6	493.6	515.1
25°	736.8	722.5	686.8	672.5	658.1	608.1	500.8	450.7	436.4	422.1	443.5
27.5°	629.5	622.4	600.9	579.5	565.1	515.1	436.4	393.5	379.2	379.2	379.2
30°	565.1	565.1	536.5	493.6	493.6	436.4	372.0	343.4	329.1	329.1	321.9
32.5°	529.4	515.1	479.3	450.7	429.2	372.0	329.1	300.5	279.0	279.0	286.2
35°	429.2	429.2	422.1	400.6	372.0	314.8	279.0	250.4	236.1	228.9	236.1
37.5°	379.2	357.7	329.1	336.2	321.9	271.8	236.1	214.6	193.2	193.2	193.2
40°	343.4	321.9	293.3	271.8	264.7	243.2	207.5	171.7	150.2	143.1	143.1
42.5°	307.6	293.3	250.4	214.6	207.5	207.5	157.4	128.8	107.3	107.3	107.3
45°	286.2	264.7	228.9	186.0	150.2	157.4	128.8	93.0	78.7	71.5	71.5
47.5°	271.8	250.4	200.3	157.4	114.5	114.5	93.0	64.4	50.1	42.9	42.9
50°	250.4	228.9	178.8	128.8	85.8	71.5	57.2	35.8	21.5	14.3	14.3
52.5°	236.1	214.6	157.4	107.3	71.5	50.1	35.8	7.2	0.0	0.0	0.0
55°	214.6	186.0	135.9	85.8	57.2	28.6	7.2	0.0	0.0	0.0	0.0
57.5°	186.0	164.5	107.3	64.4	35.8	7.2	0.0	0.0	0.0	0.0	0.0
60°	157.4	135.9	85.8	50.1	14.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	128.8	114.5	64.4	28.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	107.3	85.8	50.1	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	93.0	71.5	35.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	71.5	50.1	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	50.1	35.8	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	35.8	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	21.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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

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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1
2.5°	9099.6	9314.2	9514.5	9571.8	9729.2	10165.5	10165.5	10373.0	10745.0	10880.9	10909.5
5°	7676.0	7904.9	7947.9	8391.4	8598.9	9042.4	9335.7	10036.8	10458.8	10723.5	10888.1
7.5°	5837.5	5916.2	6080.7	6495.6	6903.4	7439.9	7997.9	8892.2	9636.2	9936.6	10494.6
10°	4013.3	4249.4	4607.0	4979.0	5615.7	6209.5	6932.0	7776.2	8691.9	9063.9	9543.2
12.5°	2704.1	3033.2	3605.5	4134.9	4721.5	5322.4	6009.2	7139.5	8176.8	8691.9	9171.2
15°	1581.0	1981.6	2475.2	3333.7	4113.4	4785.9	5472.7	6617.3	7876.3	8541.6	9128.2
17.5°	801.2	922.8	1330.6	2074.6	3104.7	4206.4	5229.4	6688.8	8105.2	8920.8	9407.2
20°	600.9	636.7	751.1	1101.7	2124.7	3476.7	5000.5	6796.1	8741.9	9736.3	10001.0
22.5°	522.2	550.8	600.9	715.4	1194.7	2661.2	4678.6	7060.8	9607.5	10544.7	11102.7
25°	443.5	472.2	515.1	586.6	765.5	1809.9	4285.1	7339.8	10380.2	11560.5	12082.8
27.5°	386.3	407.8	450.7	507.9	622.4	1151.8	3605.5	7711.8	11560.5	12791.0	12926.9
30°	329.1	350.5	386.3	450.7	529.4	815.5	2646.9	7761.9	12211.5	13327.5	13706.7
32.5°	286.2	293.3	336.2	393.5	443.5	643.8	1860.0	7811.9	12690.8	14021.4	14100.1
35°	236.1	250.4	293.3	329.1	386.3	507.9	1409.3	7561.6	13313.2	14736.8	14715.4
37.5°	193.2	214.6	243.2	271.8	314.8	429.2	1123.1	7096.6	14093.0	15845.7	15173.2
40°	150.2	171.7	200.3	236.1	264.7	386.3	844.1	6395.5	14908.5	16389.3	15674.0
42.5°	107.3	121.6	150.2	186.0	236.1	321.9	608.1	5565.7	15230.4	17026.0	16274.9
45°	78.7	93.0	114.5	157.4	243.2	257.5	422.1	4807.4	15573.8	17305.0	16139.0
47.5°	42.9	57.2	85.8	135.9	214.6	193.2	300.5	4127.7	15967.3	17555.4	16246.3
50°	14.3	21.5	50.1	143.1	171.7	150.2	236.1	3762.9	16353.6	17605.5	16460.9
52.5°	0.0	0.0	28.6	150.2	128.8	114.5	207.5	3619.8	16253.4	17762.9	16325.0
55°	0.0	0.0	7.2	64.4	71.5	85.8	171.7	3612.7	16961.6	17812.9	17069.0
57.5°	0.0	0.0	0.0	21.5	42.9	71.5	150.2	3383.7	17412.3	19057.7	18070.5
60°	0.0	0.0	0.0	7.2	28.6	50.1	114.5	3183.4	17870.2	19615.7	19143.6
62.5°	0.0	0.0	0.0	0.0	7.2	21.5	78.7	2875.8	16947.3	19572.8	20180.9
65°	0.0	0.0	0.0	0.0	0.0	0.0	50.1	2274.9	15244.7	18549.8	19608.6
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	28.6	1573.8	13349.0	17262.1	18556.9
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	951.5	10773.6	15137.4	15738.3
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	407.8	7690.3	12018.4	12912.6
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	164.5	4757.3	8784.9	9886.5
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.4	3083.3	6653.0	7504.3
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	1645.4	4170.7	4850.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	715.4	2532.4	2918.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	228.9	1538.1	1752.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	236.1	314.8
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: P599304
 CATALOG NUMBER: IFLD-L-SA7B-760-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1	10144.1
2.5°	10923.8	11131.3	11210.0	11088.4	11102.7	10852.3	10816.5	10466.0	10322.9	10351.5
5°	11424.6	11725.1	11889.6	11753.7	11446.1	10966.8	10530.4	10115.5	9857.9	9729.2
7.5°	11310.1	11646.4	11853.8	11982.6	11632.1	10859.5	10194.2	9414.4	9085.3	9092.5
10°	10680.6	11381.7	11803.8	11639.2	11474.7	10702.1	9671.9	8827.8	8534.5	8563.1
12.5°	10172.7	10952.5	11202.8	11331.6	10995.4	10380.2	9686.2	8720.5	8391.4	8191.1
15°	9857.9	10437.4	10451.7	10652.0	10516.1	10516.1	9836.5	8892.2	8606.0	8384.2
17.5°	9857.9	9986.7	9972.4	10043.9	10272.8	10544.7	10215.6	9586.1	9020.9	8985.2
20°	10079.7	9679.1	9586.1	9614.7	9807.9	10616.2	11052.6	10265.7	9908.0	9793.5
22.5°	10594.8	9714.9	9149.7	9049.6	9643.3	10609.1	11589.1	11338.8	10716.4	10623.4
25°	11303.0	9650.5	9035.2	8906.5	9357.2	10866.6	12326.0	12376.1	11810.9	11617.8
27.5°	11975.5	9936.6	9020.9	8992.3	9586.1	10809.4	12833.9	13205.9	12569.2	12411.8
30°	12204.4	10222.8	9285.6	8906.5	9671.9	11016.8	12819.6	13792.5	13377.6	13413.4
32.5°	12476.2	10508.9	9314.2	9164.0	10036.8	11353.1	13227.4	14736.8	14436.4	14014.3
35°	12876.8	10895.2	9586.1	9450.2	10294.3	11653.5	13313.2	15430.7	15380.7	14887.0
37.5°	13220.2	11274.4	10151.2	10172.7	11081.2	12140.0	13692.4	16282.0	16196.2	15860.0
40°	13463.4	11803.8	11031.2	11088.4	11768.0	12683.7	14364.8	16711.3	17348.0	16854.3
42.5°	13499.2	12275.9	12039.8	12497.7	13134.4	13527.8	14636.7	17004.6	17920.3	17598.3
45°	13635.1	13027.1	13685.2	14021.4	14543.7	14271.8	14622.4	17505.3	17963.2	17798.6
47.5°	14164.5	14393.4	15223.3	16246.3	16432.3	15538.0	14965.7	17584.0	18206.4	18184.9
50°	14715.4	15860.0	17026.0	17705.6	17941.7	16410.8	15287.7	17519.6	18528.3	18356.6
52.5°	15330.6	17133.3	18814.5	19651.5	19522.7	17376.6	15652.5	18041.9	19122.1	19064.9
55°	15716.9	17705.6	19966.2	21132.3	21032.2	18456.8	16811.4	18793.0	19901.9	19758.8
57.5°	16739.9	18635.6	21110.8	21654.5	21919.2	19873.2	17619.8	20023.5	20552.9	20710.2
60°	17584.0	19243.7	21411.3	22198.2	22291.2	20717.4	19036.2	21289.7	21382.7	20853.3
62.5°	18821.6	19479.8	20774.6	21482.8	21962.2	21196.7	20309.6	21969.3	21368.4	21332.6
65°	19730.2	18707.2	19587.1	19980.5	20288.2	20467.0	21590.2	22434.3	21103.7	20409.8
67.5°	19222.2	17247.8	17083.3	17104.7	17197.7	18277.9	21160.9	21296.8	19630.0	19057.7
70°	16918.7	14150.2	13928.4	14100.1	13635.1	14937.1	19422.6	19358.2	17319.3	16725.6
72.5°	13685.2	10315.8	9936.6	10172.7	10280.0	11660.7	16339.3	14679.6	12633.6	12168.6
75°	10873.8	7561.6	6381.2	6953.5	7318.3	8491.6	12762.4	9972.4	8820.6	8191.1
77.5°	8541.6	5723.0	4964.7	4735.8	5072.0	6173.7	9285.6	5236.6	4621.4	4328.0
80°	5415.4	4206.4	4564.1	4235.0	4378.1	4406.7	4836.0	2382.2	1895.8	1874.3
82.5°	3262.1	2875.8	3419.5	1881.4	3426.7	3061.8	2010.2	1080.2	958.6	958.6
85°	2310.7	1781.3	1180.4	765.5	1523.8	1681.1	779.8	558.0	486.5	472.2
87.5°	1158.9	550.8	264.7	171.7	193.2	314.8	93.0	42.9	42.9	35.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)