

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: P599286

Luminaire Tested: **IFLD-S-SA2D-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: P599286
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-760-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (32) 5700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

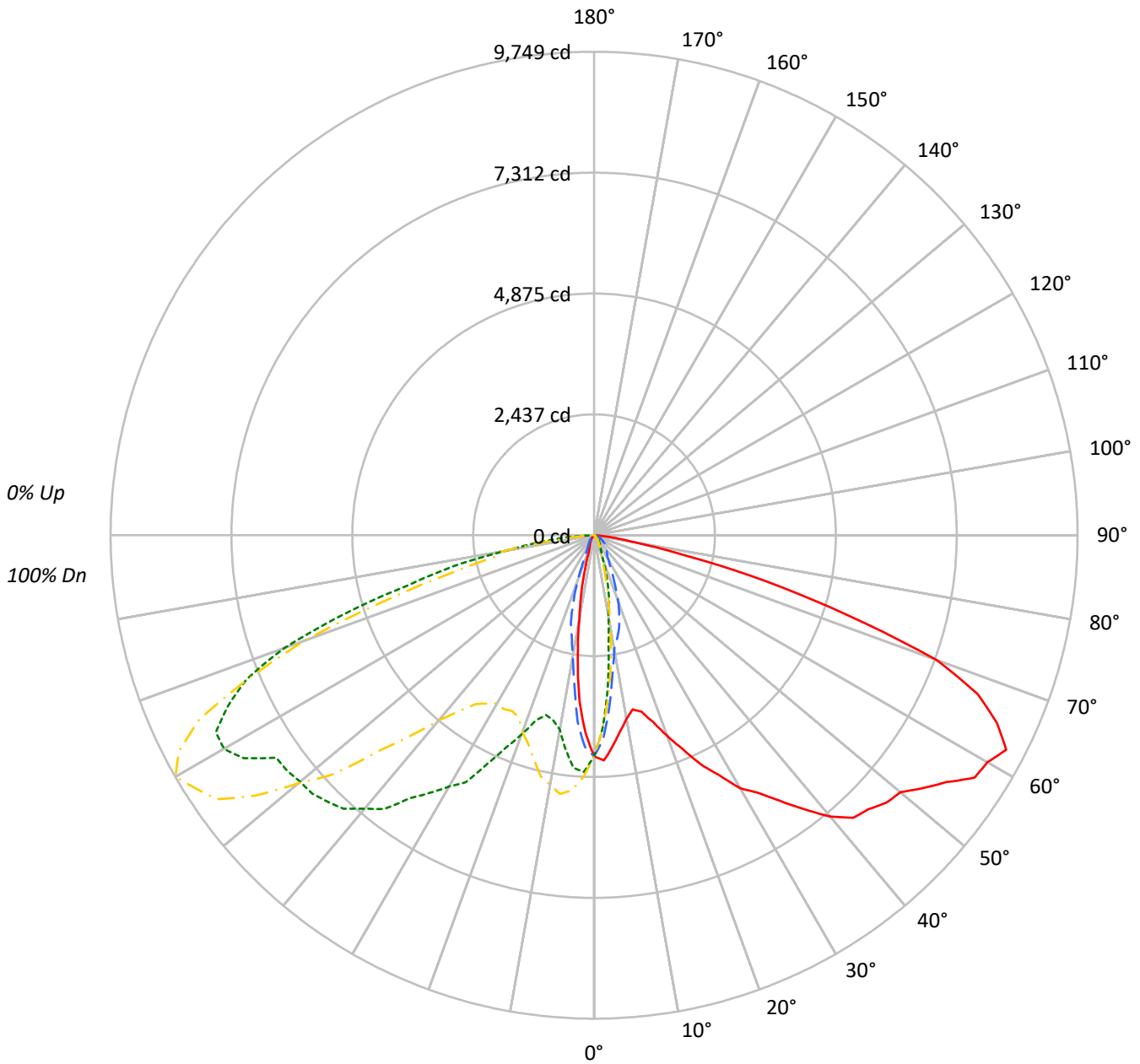
Lumens per Lamp: N/A
 Luminaire Lumens: 11653.0 lumens
 Efficiency: N/A
 Efficacy: 94.1 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 123.9
 Input Voltage (V): 120
 Input Current (A_{in}): 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	95904	95904	95904	95904
5°	92333	67484	72644	101770
10°	82206	36742	37223	87013
15°	82064	24507	14984	83604
20°	98533	12236	5975	97956
25°	121192	7687	4627	120596
30°	146432	6170	3515	145495
35°	171817	4954	2725	170086
40°	208010	4238	1765	202271
45°	237973	3827	956	231372
50°	269994	3684	211	258945
55°	325682	3539	0	293610
60°	394304	2975	0	370903
65°	456578	2399	0	414971
70°	462336	1976	0	418434
75°	299205	1306	0	320897
80°	102043	384	0	227070
85°	51229	0	0	166851

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	337.5	2.9
10°-20°	653.4	5.6
20°-30°	910.1	7.8
30°-40°	1293.2	11.1
40°-50°	1793.2	15.4
50°-60°	2443.4	21.0
60°-70°	2686.3	23.1
70°-80°	1320.3	11.3
80°-90°	215.6	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°	1901.0	16.3
0°-40°	3194.2	27.4
0°-60°	7430.8	63.8
0°-90°	11653.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11653.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4455	4455	4455	4455	4455	
5°	4273	3123	3362	4709	4273	391
15°	3682	1100	672	3751	3682	1090
25°	5102	324	195	5077	5102	2372
35°	6538	188	104	6472	6538	4150
45°	7816	126	31	7600	7816	6059
55°	8677	94	0	7823	8677	7806
65°	8963	47	0	8146	8963	8662
75°	3597	16	0	3858	3597	3922
85°	207	0	0	676	207	287
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°	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9
2.5°	4546.0	4599.4	4549.2	4373.2	4341.8	4257.0	4128.2	4118.7	3983.7	3999.4	3927.1
5°	4272.7	4326.1	4219.3	3986.8	3770.0	3597.2	3493.6	3308.2	3267.4	3176.2	3176.2
7.5°	3993.1	3989.9	3807.7	3612.9	3289.3	2972.0	2827.5	2560.5	2403.4	2318.6	2236.9
10°	3760.6	3710.3	3597.2	3195.1	2843.2	2513.3	2334.3	2158.3	1995.0	1853.6	1712.2
12.5°	3597.2	3628.6	3449.6	3012.9	2557.3	2328.0	2136.3	1951.0	1756.2	1596.0	1438.9
15°	3682.1	3631.8	3421.3	2972.0	2510.2	2196.0	1941.6	1715.4	1498.6	1288.1	1168.7
17.5°	3946.0	3817.1	3569.0	2972.0	2412.8	1995.0	1687.1	1420.0	1187.6	999.1	851.4
20°	4301.0	4153.3	3886.3	3082.0	2340.6	1847.3	1426.3	1090.2	848.3	672.3	559.2
22.5°	4665.4	4549.2	4147.0	3126.0	2255.7	1649.4	1124.7	788.6	565.5	452.4	395.9
25°	5102.1	4938.7	4498.9	3301.9	2130.1	1457.7	886.0	549.8	421.0	361.3	326.7
27.5°	5450.8	5422.5	4828.8	3408.7	2035.8	1300.7	700.6	436.7	348.7	304.7	282.8
30°	5890.7	5736.7	5230.9	3622.4	1929.0	1121.6	584.4	392.7	320.5	273.3	257.6
32.5°	6154.6	6082.3	5441.4	3741.7	1809.6	973.9	502.7	345.6	292.2	257.6	241.9
35°	6537.8	6393.3	5743.0	3817.1	1746.8	889.1	452.4	314.2	245.1	210.5	191.6
37.5°	6965.1	6911.7	6104.3	3814.0	1655.7	838.8	417.8	292.2	232.5	194.8	172.8
40°	7401.8	7185.0	6324.2	3902.0	1608.5	801.1	392.7	279.6	219.9	185.4	157.1
42.5°	7728.5	7480.4	6578.7	3870.6	1552.0	735.2	383.3	260.8	210.5	169.7	144.5
45°	7816.5	7728.5	6808.0	3861.1	1511.2	681.7	367.6	257.6	204.2	160.2	135.1
47.5°	7986.2	7926.5	7090.8	3876.8	1479.7	640.9	329.9	263.9	194.8	150.8	128.8
50°	8061.6	7954.7	7320.1	3914.5	1407.5	590.6	295.3	276.5	191.6	147.7	122.5
52.5°	8372.6	8278.3	7634.3	4021.4	1347.8	524.7	260.8	263.9	197.9	138.2	116.2
55°	8677.3	8570.5	8118.1	4266.4	1263.0	471.3	223.1	232.5	188.5	125.7	103.7
57.5°	9095.2	8919.2	8441.7	4366.9	1187.6	399.0	197.9	191.6	175.9	113.1	91.1
60°	9158.0	9230.3	8394.6	4304.1	1109.0	351.9	172.8	147.7	188.5	100.5	78.5
62.5°	9368.5	9066.9	8174.7	4159.6	1052.5	323.6	153.9	122.5	163.4	88.0	66.0
65°	8963.2	8740.2	7659.4	3694.6	980.2	326.7	135.1	100.5	103.7	72.3	53.4
67.5°	8369.4	8193.5	6804.9	3188.8	907.9	320.5	119.4	88.0	78.5	62.8	47.1
70°	7345.3	6965.1	5780.7	2588.7	801.1	298.5	100.5	78.5	66.0	50.3	34.6
72.5°	5344.0	5190.1	4147.0	2001.3	719.4	270.2	94.3	66.0	56.6	37.7	28.3
75°	3597.2	3342.8	2617.0	1313.2	578.1	235.6	78.5	59.7	44.0	28.3	22.0
77.5°	1900.7	1797.0	1482.9	625.2	320.5	110.0	44.0	34.6	25.1	22.0	12.6
80°	823.1	732.0	640.9	254.5	113.1	50.3	28.3	18.9	15.7	12.6	6.3
82.5°	421.0	402.1	333.0	110.0	66.0	37.7	15.7	12.6	9.4	6.3	3.1
85°	207.4	213.6	175.9	34.6	37.7	22.0	3.1	3.1	0.0	0.0	0.0
87.5°	15.7	15.7	12.6	6.3	9.4	3.1	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°	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9
2.5°	3898.8	3942.8	3867.4	3914.5	3892.5	3902.0	3911.4	3886.3	3892.5	3980.5	3983.7
5°	3122.8	3207.7	3176.2	3220.2	3295.6	3257.9	3292.5	3286.2	3292.5	3305.1	3361.6
7.5°	2227.5	2202.3	2262.0	2378.3	2513.3	2595.0	2554.2	2532.2	2519.6	2488.2	2525.9
10°	1680.8	1668.2	1652.5	1687.1	1775.1	1866.2	1916.4	1831.6	1784.5	1724.8	1702.8
12.5°	1394.9	1316.4	1272.4	1219.0	1244.1	1325.8	1328.9	1247.2	1171.8	1140.4	1175.0
15°	1099.6	1046.2	967.6	892.2	854.5	917.4	864.0	785.4	688.0	675.5	672.3
17.5°	785.4	754.0	697.5	666.0	622.1	606.3	549.8	430.4	361.3	342.4	348.7
20°	534.1	509.0	505.8	477.5	458.7	446.1	355.0	276.5	254.5	257.6	260.8
22.5°	395.9	383.3	367.6	364.4	348.7	333.0	260.8	232.5	216.8	216.8	226.2
25°	323.6	317.3	301.6	295.3	289.0	267.0	219.9	197.9	191.6	185.4	194.8
27.5°	276.5	273.3	263.9	254.5	248.2	226.2	191.6	172.8	166.5	166.5	166.5
30°	248.2	248.2	235.6	216.8	216.8	191.6	163.4	150.8	144.5	144.5	141.4
32.5°	232.5	226.2	210.5	197.9	188.5	163.4	144.5	132.0	122.5	122.5	125.7
35°	188.5	188.5	185.4	175.9	163.4	138.2	122.5	110.0	103.7	100.5	103.7
37.5°	166.5	157.1	144.5	147.7	141.4	119.4	103.7	94.3	84.8	84.8	84.8
40°	150.8	141.4	128.8	119.4	116.2	106.8	91.1	75.4	66.0	62.8	62.8
42.5°	135.1	128.8	110.0	94.3	91.1	91.1	69.1	56.6	47.1	47.1	47.1
45°	125.7	116.2	100.5	81.7	66.0	69.1	56.6	40.8	34.6	31.4	31.4
47.5°	119.4	110.0	88.0	69.1	50.3	50.3	40.8	28.3	22.0	18.9	18.9
50°	110.0	100.5	78.5	56.6	37.7	31.4	25.1	15.7	9.4	6.3	6.3
52.5°	103.7	94.3	69.1	47.1	31.4	22.0	15.7	3.1	0.0	0.0	0.0
55°	94.3	81.7	59.7	37.7	25.1	12.6	3.1	0.0	0.0	0.0	0.0
57.5°	81.7	72.3	47.1	28.3	15.7	3.1	0.0	0.0	0.0	0.0	0.0
60°	69.1	59.7	37.7	22.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	56.6	50.3	28.3	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	47.1	37.7	22.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	40.8	31.4	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	31.4	22.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	22.0	15.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	15.7	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	9.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.1	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°	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9
2.5°	3996.2	4090.5	4178.4	4203.6	4272.7	4464.3	4464.3	4555.4	4718.8	4778.5	4791.1
5°	3371.0	3471.6	3490.4	3685.2	3776.3	3971.1	4099.9	4407.8	4593.1	4709.4	4781.6
7.5°	2563.6	2598.2	2670.4	2852.7	3031.7	3267.4	3512.4	3905.1	4231.9	4363.8	4608.9
10°	1762.5	1866.2	2023.2	2186.6	2466.2	2727.0	3044.3	3415.0	3817.1	3980.5	4191.0
12.5°	1187.6	1332.1	1583.4	1815.9	2073.5	2337.4	2639.0	3135.4	3590.9	3817.1	4027.6
15°	694.3	870.2	1087.0	1464.0	1806.5	2101.8	2403.4	2906.1	3459.0	3751.2	4008.8
17.5°	351.9	405.3	584.4	911.1	1363.5	1847.3	2296.6	2937.5	3559.5	3917.7	4131.3
20°	263.9	279.6	329.9	483.8	933.1	1526.9	2196.0	2984.6	3839.1	4275.8	4392.1
22.5°	229.3	241.9	263.9	314.2	524.7	1168.7	2054.7	3100.8	4219.3	4630.8	4875.9
25°	194.8	207.4	226.2	257.6	336.2	794.8	1881.9	3223.4	4558.6	5077.0	5306.3
27.5°	169.7	179.1	197.9	223.1	273.3	505.8	1583.4	3386.7	5077.0	5617.3	5677.0
30°	144.5	153.9	169.7	197.9	232.5	358.2	1162.4	3408.7	5362.9	5853.0	6019.5
32.5°	125.7	128.8	147.7	172.8	194.8	282.8	816.8	3430.7	5573.3	6157.7	6192.3
35°	103.7	110.0	128.8	144.5	169.7	223.1	618.9	3320.8	5846.7	6471.9	6462.4
37.5°	84.8	94.3	106.8	119.4	138.2	188.5	493.2	3116.6	6189.1	6958.8	6663.5
40°	66.0	75.4	88.0	103.7	116.2	169.7	370.7	2808.7	6547.3	7197.6	6883.4
42.5°	47.1	53.4	66.0	81.7	103.7	141.4	267.0	2444.2	6688.6	7477.2	7147.3
45°	34.6	40.8	50.3	69.1	106.8	113.1	185.4	2111.2	6839.4	7599.7	7087.6
47.5°	18.9	25.1	37.7	59.7	94.3	84.8	132.0	1812.8	7012.2	7709.7	7134.8
50°	6.3	9.4	22.0	62.8	75.4	66.0	103.7	1652.5	7181.9	7731.7	7229.0
52.5°	0.0	0.0	12.6	66.0	56.6	50.3	91.1	1589.7	7137.9	7800.8	7169.3
55°	0.0	0.0	3.1	28.3	31.4	37.7	75.4	1586.6	7448.9	7822.8	7496.1
57.5°	0.0	0.0	0.0	9.4	18.9	31.4	66.0	1486.0	7646.9	8369.4	7935.9
60°	0.0	0.0	0.0	3.1	12.6	22.0	50.3	1398.0	7847.9	8614.5	8407.1
62.5°	0.0	0.0	0.0	0.0	3.1	9.4	34.6	1263.0	7442.7	8595.7	8862.7
65°	0.0	0.0	0.0	0.0	0.0	0.0	22.0	999.1	6694.9	8146.4	8611.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	12.6	691.2	5862.4	7580.9	8149.5
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	417.8	4731.4	6647.8	6911.7
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	179.1	3377.3	5278.0	5670.7
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.3	2089.2	3858.0	4341.8
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.3	1354.1	2921.8	3295.6
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	722.6	1831.6	2130.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	314.2	1112.2	1281.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.5	675.5	769.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	103.7	138.2
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: P599286
 CATALOG NUMBER: IFLD-S-SA2D-760-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9	4454.9
2.5°	4797.4	4888.5	4923.0	4869.6	4875.9	4765.9	4750.2	4596.3	4533.5	4546.0
5°	5017.3	5149.2	5221.5	5161.8	5026.7	4816.2	4624.6	4442.3	4329.2	4272.7
7.5°	4967.0	5114.7	5205.8	5262.3	5108.4	4769.1	4476.9	4134.5	3989.9	3993.1
10°	4690.5	4998.4	5183.8	5111.5	5039.3	4700.0	4247.6	3876.8	3748.0	3760.6
12.5°	4467.5	4809.9	4919.9	4976.4	4828.8	4558.6	4253.8	3829.7	3685.2	3597.2
15°	4329.2	4583.7	4590.0	4678.0	4618.3	4618.3	4319.8	3905.1	3779.4	3682.1
17.5°	4329.2	4385.8	4379.5	4410.9	4511.5	4630.8	4486.3	4209.9	3961.7	3946.0
20°	4426.6	4250.7	4209.9	4222.4	4307.3	4662.3	4853.9	4508.3	4351.2	4301.0
22.5°	4652.8	4266.4	4018.2	3974.2	4235.0	4659.1	5089.5	4979.6	4706.2	4665.4
25°	4963.9	4238.1	3967.9	3911.4	4109.3	4772.2	5413.1	5435.1	5186.9	5102.1
27.5°	5259.2	4363.8	3961.7	3949.1	4209.9	4747.1	5636.2	5799.6	5519.9	5450.8
30°	5359.7	4489.5	4077.9	3911.4	4247.6	4838.2	5629.9	6057.2	5875.0	5890.7
32.5°	5479.1	4615.1	4090.5	4024.5	4407.8	4985.9	5809.0	6471.9	6339.9	6154.6
35°	5655.0	4784.8	4209.9	4150.2	4520.9	5117.8	5846.7	6776.6	6754.6	6537.8
37.5°	5805.8	4951.3	4458.1	4467.5	4866.5	5331.4	6013.2	7150.5	7112.8	6965.1
40°	5912.7	5183.8	4844.5	4869.6	5168.1	5570.2	6308.5	7339.0	7618.6	7401.8
42.5°	5928.4	5391.1	5287.5	5488.5	5768.1	5940.9	6427.9	7467.8	7869.9	7728.5
45°	5988.1	5721.0	6010.0	6157.7	6387.0	6267.7	6421.6	7687.7	7888.8	7816.5
47.5°	6220.5	6321.1	6685.5	7134.8	7216.5	6823.7	6572.4	7722.3	7995.6	7986.2
50°	6462.4	6965.1	7477.2	7775.7	7879.3	7207.0	6713.8	7694.0	8137.0	8061.6
52.5°	6732.6	7524.3	8262.6	8630.2	8573.7	7631.2	6874.0	7923.3	8397.7	8372.6
55°	6902.3	7775.7	8768.4	9280.5	9236.6	8105.5	7383.0	8253.2	8740.2	8677.3
57.5°	7351.5	8184.1	9271.1	9509.9	9626.1	8727.6	7738.0	8793.6	9026.1	9095.2
60°	7722.3	8451.1	9403.1	9748.6	9789.5	9098.3	8360.0	9349.7	9390.5	9158.0
62.5°	8265.8	8554.8	9123.5	9434.5	9645.0	9308.8	8919.2	9648.1	9384.2	9368.5
65°	8664.8	8215.5	8601.9	8774.7	8909.8	8988.4	9481.6	9852.3	9268.0	8963.2
67.5°	8441.7	7574.6	7502.3	7511.8	7552.6	8027.0	9293.1	9352.8	8620.8	8369.4
70°	7430.1	6214.3	6116.9	6192.3	5988.1	6559.8	8529.7	8501.4	7606.0	7345.3
72.5°	6010.0	4530.3	4363.8	4467.5	4514.6	5120.9	7175.6	6446.7	5548.2	5344.0
75°	4775.4	3320.8	2802.4	3053.7	3213.9	3729.2	5604.8	4379.5	3873.7	3597.2
77.5°	3751.2	2513.3	2180.3	2079.8	2227.5	2711.3	4077.9	2299.7	2029.5	1900.7
80°	2378.3	1847.3	2004.4	1859.9	1922.7	1935.3	2123.8	1046.2	832.5	823.1
82.5°	1432.6	1263.0	1501.7	826.3	1504.9	1344.6	882.8	474.4	421.0	421.0
85°	1014.8	782.3	518.4	336.2	669.2	738.3	342.4	245.1	213.6	207.4
87.5°	509.0	241.9	116.2	75.4	84.8	138.2	40.8	18.9	18.9	15.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)