

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: P599289

Luminaire Tested: **IFLD-S-SA3B-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: P599289
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3B-760-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (48) 5700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

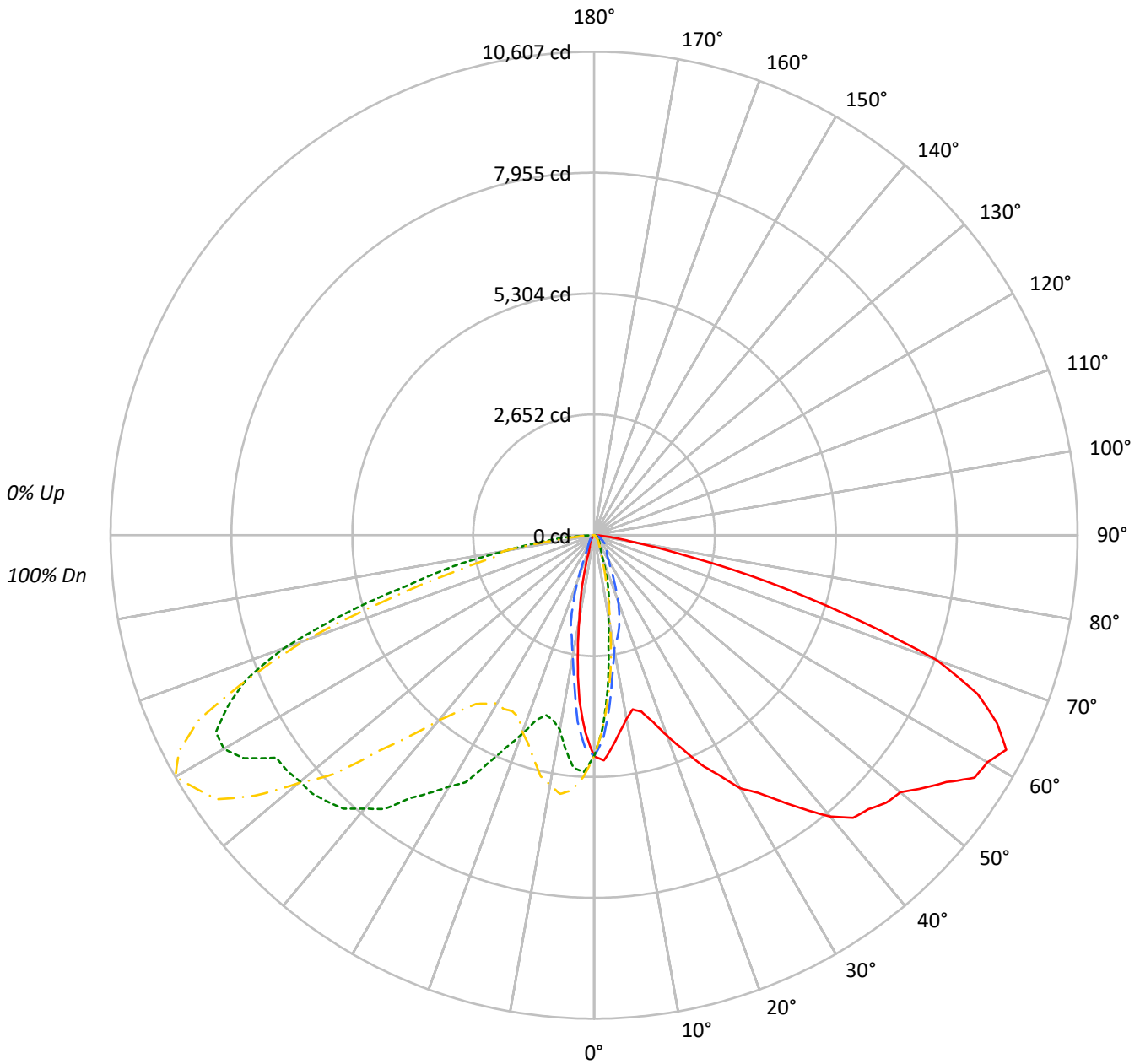
Lumens per Lamp: N/A
 Luminaire Lumens: 12678.5 lumens
 Efficiency: N/A
 Efficacy: 103.6 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 122.4
 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	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°	69564	69564	69564	69564
5°	66972	48950	52691	73817
10°	59627	26650	26998	63114
15°	59523	17776	10869	60641
20°	71470	8875	4333	71051
25°	87905	5576	3356	87472
30°	106212	4474	2549	105531
35°	124626	3593	1976	123368
40°	150877	3074	1281	146714
45°	172611	2775	694	167823
50°	195835	2670	152	187822
55°	236230	2565	0	212965
60°	286004	2159	0	269029
65°	331173	1742	0	300993
70°	335349	1435	0	303504
75°	217026	948	0	232757
80°	74021	281	0	164703
85°	37149	0	0	121016

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	367.2	2.9
10°-20°	711.0	5.6
20°-30°	990.2	7.8
30°-40°	1406.9	11.1
40°-50°	1951.0	15.4
50°-60°	2658.4	21.0
60°-70°	2922.7	23.1
70°-80°	1436.5	11.3
80°-90°	234.6	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°	2068.3	16.3
0°-40°	3475.3	27.4
0°-60°	8084.7	63.8
0°-90°	12678.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12678.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4847	4847	4847	4847	4847	
5°	4649	3398	3657	5124	4649	425
15°	4006	1196	732	4081	4006	1186
25°	5551	352	212	5524	5551	2581
35°	7113	205	113	7041	7113	4515
45°	8504	137	34	8268	8504	6592
55°	9441	102	0	8511	9441	8493
65°	9752	51	0	8863	9752	9424
75°	3914	17	0	4198	3914	4267
85°	226	0	0	735	226	312
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°	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0
2.5°	4946.1	5004.2	4949.5	4758.1	4723.9	4631.6	4491.5	4481.2	4334.2	4351.3	4272.7
5°	4648.7	4706.8	4590.6	4337.7	4101.8	3913.8	3801.0	3599.3	3554.9	3455.8	3455.8
7.5°	4344.5	4341.1	4142.8	3930.9	3578.8	3233.6	3076.3	2785.8	2614.9	2522.6	2433.7
10°	4091.5	4036.9	3913.8	3476.3	3093.4	2734.5	2539.7	2348.3	2170.5	2016.7	1862.9
12.5°	3913.8	3948.0	3753.1	3278.0	2782.4	2532.9	2324.4	2122.7	1910.8	1736.4	1565.5
15°	4006.1	3951.4	3722.4	3233.6	2731.1	2389.3	2112.4	1866.3	1630.5	1401.4	1271.6
17.5°	4293.2	4153.1	3883.0	3233.6	2625.2	2170.5	1835.6	1545.0	1292.1	1087.0	926.3
20°	4679.5	4518.8	4228.3	3353.2	2546.5	2009.9	1551.8	1186.1	922.9	731.5	608.4
22.5°	5076.0	4949.5	4512.0	3401.1	2454.2	1794.5	1223.7	858.0	615.3	492.2	430.7
25°	5551.1	5373.4	4894.8	3592.5	2317.5	1586.0	963.9	598.2	458.0	393.1	355.5
27.5°	5930.5	5899.8	5253.7	3708.7	2215.0	1415.1	762.3	475.1	379.4	331.6	307.6
30°	6409.1	6241.6	5691.2	3941.1	2098.8	1220.3	635.8	427.3	348.7	297.4	280.3
32.5°	6696.2	6617.6	5920.3	4071.0	1968.9	1059.6	546.9	376.0	317.9	280.3	263.2
35°	7113.2	6956.0	6248.4	4153.1	1900.5	967.3	492.2	341.8	266.6	229.0	208.5
37.5°	7578.1	7520.0	6641.5	4149.7	1801.4	912.7	454.6	317.9	252.9	211.9	188.0
40°	8053.2	7817.3	6880.8	4245.4	1750.1	871.6	427.3	304.2	239.3	201.7	170.9
42.5°	8408.7	8138.7	7157.6	4211.2	1688.6	799.9	417.0	283.7	229.0	184.6	157.2
45°	8504.4	8408.7	7407.2	4200.9	1644.1	741.7	399.9	280.3	222.2	174.3	147.0
47.5°	8689.0	8624.0	7714.8	4218.0	1610.0	697.3	358.9	287.1	211.9	164.1	140.1
50°	8771.0	8654.8	7964.3	4259.0	1531.3	642.6	321.3	300.8	208.5	160.7	133.3
52.5°	9109.4	9006.9	8306.1	4375.3	1466.4	570.8	283.7	287.1	215.3	150.4	126.5
55°	9441.0	9324.8	8832.5	4641.9	1374.1	512.7	242.7	252.9	205.1	136.7	112.8
57.5°	9895.6	9704.2	9184.6	4751.3	1292.1	434.1	215.3	208.5	191.4	123.1	99.1
60°	9964.0	10042.6	9133.3	4682.9	1206.6	382.8	188.0	160.7	205.1	109.4	85.5
62.5°	10193.0	9864.8	8894.1	4525.7	1145.1	352.1	167.5	133.3	177.7	95.7	71.8
65°	9752.0	9509.3	8333.5	4019.8	1066.5	355.5	147.0	109.4	112.8	78.6	58.1
67.5°	9106.0	8914.6	7403.7	3469.4	987.9	348.7	129.9	95.7	85.5	68.4	51.3
70°	7991.7	7578.1	6289.4	2816.6	871.6	324.7	109.4	85.5	71.8	54.7	37.6
72.5°	5814.3	5646.8	4512.0	2177.4	782.8	294.0	102.5	71.8	61.5	41.0	30.8
75°	3913.8	3636.9	2847.3	1428.8	628.9	256.4	85.5	64.9	47.9	30.8	23.9
77.5°	2068.0	1955.2	1613.4	680.2	348.7	119.6	47.9	37.6	27.3	23.9	13.7
80°	895.6	796.4	697.3	276.9	123.1	54.7	30.8	20.5	17.1	13.7	6.8
82.5°	458.0	437.5	362.3	119.6	71.8	41.0	17.1	13.7	10.3	6.8	3.4
85°	225.6	232.4	191.4	37.6	41.0	23.9	3.4	3.4	0.0	0.0	0.0
87.5°	17.1	17.1	13.7	6.8	10.3	3.4	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°	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0
2.5°	4241.9	4289.8	4207.8	4259.0	4235.1	4245.4	4255.6	4228.3	4235.1	4330.8	4334.2
5°	3397.7	3489.9	3455.8	3503.6	3585.7	3544.6	3582.2	3575.4	3582.2	3595.9	3657.4
7.5°	2423.5	2396.1	2461.1	2587.6	2734.5	2823.4	2779.0	2755.0	2741.4	2707.2	2748.2
10°	1828.7	1815.0	1798.0	1835.6	1931.3	2030.4	2085.1	1992.8	1941.5	1876.6	1852.6
12.5°	1517.7	1432.2	1384.4	1326.2	1353.6	1442.5	1445.9	1357.0	1275.0	1240.8	1278.4
15°	1196.4	1138.2	1052.8	970.8	929.7	998.1	940.0	854.5	748.6	734.9	731.5
17.5°	854.5	820.4	758.8	724.7	676.8	659.7	598.2	468.3	393.1	372.6	379.4
20°	581.1	553.7	550.3	519.6	499.1	485.4	386.3	300.8	276.9	280.3	283.7
22.5°	430.7	417.0	399.9	396.5	379.4	362.3	283.7	252.9	235.9	235.9	246.1
25°	352.1	345.2	328.1	321.3	314.5	290.5	239.3	215.3	208.5	201.7	211.9
27.5°	300.8	297.4	287.1	276.9	270.0	246.1	208.5	188.0	181.2	181.2	181.2
30°	270.0	270.0	256.4	235.9	235.9	208.5	177.7	164.1	157.2	157.2	153.8
32.5°	252.9	246.1	229.0	215.3	205.1	177.7	157.2	143.6	133.3	133.3	136.7
35°	205.1	205.1	201.7	191.4	177.7	150.4	133.3	119.6	112.8	109.4	112.8
37.5°	181.2	170.9	157.2	160.7	153.8	129.9	112.8	102.5	92.3	92.3	92.3
40°	164.1	153.8	140.1	129.9	126.5	116.2	99.1	82.0	71.8	68.4	68.4
42.5°	147.0	140.1	119.6	102.5	99.1	99.1	75.2	61.5	51.3	51.3	51.3
45°	136.7	126.5	109.4	88.9	71.8	75.2	61.5	44.4	37.6	34.2	34.2
47.5°	129.9	119.6	95.7	75.2	54.7	54.7	44.4	30.8	23.9	20.5	20.5
50°	119.6	109.4	85.5	61.5	41.0	34.2	27.3	17.1	10.3	6.8	6.8
52.5°	112.8	102.5	75.2	51.3	34.2	23.9	17.1	3.4	0.0	0.0	0.0
55°	102.5	88.9	64.9	41.0	27.3	13.7	3.4	0.0	0.0	0.0	0.0
57.5°	88.9	78.6	51.3	30.8	17.1	3.4	0.0	0.0	0.0	0.0	0.0
60°	75.2	64.9	41.0	23.9	6.8	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	61.5	54.7	30.8	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	51.3	41.0	23.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	44.4	34.2	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	34.2	23.9	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	23.9	17.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	17.1	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	10.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.4	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°	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0
2.5°	4347.9	4450.5	4546.2	4573.5	4648.7	4857.2	4857.2	4956.3	5134.1	5199.0	5212.7
5°	3667.7	3777.1	3797.6	4009.5	4108.6	4320.6	4460.7	4795.7	4997.4	5123.8	5202.4
7.5°	2789.2	2826.8	2905.4	3103.7	3298.5	3554.9	3821.5	4248.8	4604.3	4747.8	5014.4
10°	1917.6	2030.4	2201.3	2379.0	2683.3	2967.0	3312.2	3715.5	4153.1	4330.8	4559.8
12.5°	1292.1	1449.3	1722.8	1975.7	2256.0	2543.1	2871.3	3411.3	3907.0	4153.1	4382.1
15°	755.4	946.8	1182.7	1592.9	1965.4	2286.8	2614.9	3161.8	3763.4	4081.3	4361.6
17.5°	382.8	440.9	635.8	991.3	1483.5	2009.9	2498.7	3196.0	3872.8	4262.5	4494.9
20°	287.1	304.2	358.9	526.4	1015.2	1661.2	2389.3	3247.3	4177.0	4652.1	4778.6
22.5°	249.5	263.2	287.1	341.8	570.8	1271.6	2235.5	3373.7	4590.6	5038.4	5305.0
25°	211.9	225.6	246.1	280.3	365.7	864.8	2047.5	3507.0	4959.8	5523.8	5773.3
27.5°	184.6	194.8	215.3	242.7	297.4	550.3	1722.8	3684.8	5523.8	6111.7	6176.6
30°	157.2	167.5	184.6	215.3	252.9	389.7	1264.7	3708.7	5834.8	6368.0	6549.2
32.5°	136.7	140.1	160.7	188.0	211.9	307.6	888.7	3732.6	6063.8	6699.6	6737.2
35°	112.8	119.6	140.1	157.2	184.6	242.7	673.4	3613.0	6361.2	7041.4	7031.2
37.5°	92.3	102.5	116.2	129.9	150.4	205.1	536.7	3390.8	6733.8	7571.2	7249.9
40°	71.8	82.0	95.7	112.8	126.5	184.6	403.3	3055.8	7123.5	7831.0	7489.2
42.5°	51.3	58.1	71.8	88.9	112.8	153.8	290.5	2659.3	7277.3	8135.2	7776.3
45°	37.6	44.4	54.7	75.2	116.2	123.1	201.7	2297.0	7441.3	8268.5	7711.4
47.5°	20.5	27.3	41.0	64.9	102.5	92.3	143.6	1972.3	7629.3	8388.2	7762.7
50°	6.8	10.3	23.9	68.4	82.0	71.8	112.8	1798.0	7813.9	8412.1	7865.2
52.5°	0.0	0.0	13.7	71.8	61.5	54.7	99.1	1729.6	7766.1	8487.3	7800.3
55°	0.0	0.0	3.4	30.8	34.2	41.0	82.0	1726.2	8104.5	8511.2	8155.7
57.5°	0.0	0.0	0.0	10.3	20.5	34.2	71.8	1616.8	8319.8	9106.0	8634.3
60°	0.0	0.0	0.0	3.4	13.7	23.9	54.7	1521.1	8538.6	9372.6	9147.0
62.5°	0.0	0.0	0.0	0.0	3.4	10.3	37.6	1374.1	8097.6	9352.1	9642.6
65°	0.0	0.0	0.0	0.0	0.0	0.0	23.9	1087.0	7284.1	8863.3	9369.2
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	13.7	752.0	6378.3	8248.0	8866.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	454.6	5147.8	7232.8	7520.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	194.8	3674.5	5742.5	6169.8
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.6	2273.1	4197.5	4723.9
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.8	1473.2	3178.9	3585.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	786.2	1992.8	2317.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	341.8	1210.0	1394.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	109.4	734.9	837.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112.8	150.4
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: P599289
 CATALOG NUMBER: IFLD-S-SA3B-760-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0	4847.0
2.5°	5219.5	5318.7	5356.3	5298.2	5305.0	5185.4	5168.3	5000.8	4932.4	4946.1
5°	5458.8	5602.4	5681.0	5616.0	5469.1	5240.0	5031.5	4833.3	4710.2	4648.7
7.5°	5404.1	5564.8	5663.9	5725.4	5557.9	5188.8	4870.9	4498.3	4341.1	4344.5
10°	5103.3	5438.3	5640.0	5561.4	5482.7	5113.6	4621.4	4218.0	4077.9	4091.5
12.5°	4860.6	5233.2	5352.8	5414.4	5253.7	4959.8	4628.2	4166.7	4009.5	3913.8
15°	4710.2	4987.1	4993.9	5089.6	5024.7	5024.7	4700.0	4248.8	4112.1	4006.1
17.5°	4710.2	4771.8	4764.9	4799.1	4908.5	5038.4	4881.1	4580.3	4310.3	4293.2
20°	4816.2	4624.8	4580.3	4594.0	4686.3	5072.6	5281.1	4905.1	4734.2	4679.5
22.5°	5062.3	4641.9	4371.8	4324.0	4607.7	5069.1	5537.4	5417.8	5120.4	5076.0
25°	5400.7	4611.1	4317.1	4255.6	4471.0	5192.2	5889.5	5913.4	5643.4	5551.1
27.5°	5722.0	4747.8	4310.3	4296.6	4580.3	5164.8	6132.2	6309.9	6005.7	5930.5
30°	5831.4	4884.6	4436.8	4255.6	4621.4	5264.0	6125.4	6590.2	6392.0	6409.1
32.5°	5961.3	5021.3	4450.5	4378.7	4795.7	5424.6	6320.2	7041.4	6897.9	6696.2
35°	6152.7	5205.9	4580.3	4515.4	4918.7	5568.2	6361.2	7373.0	7349.1	7113.2
37.5°	6316.8	5387.0	4850.4	4860.6	5294.7	5800.6	6542.4	7779.7	7738.7	7578.1
40°	6433.0	5640.0	5270.8	5298.2	5622.9	6060.4	6863.7	7984.8	8289.1	8053.2
42.5°	6450.1	5865.6	5752.8	5971.5	6275.8	6463.8	6993.6	8125.0	8562.5	8408.7
45°	6515.0	6224.5	6539.0	6699.6	6949.1	6819.2	6986.7	8364.3	8583.0	8504.4
47.5°	6768.0	6877.4	7273.9	7762.7	7851.5	7424.3	7150.8	8401.9	8699.2	8689.0
50°	7031.2	7578.1	8135.2	8460.0	8572.8	7841.3	7304.6	8371.1	8853.1	8771.0
52.5°	7325.1	8186.5	8989.8	9389.7	9328.2	8302.7	7478.9	8620.6	9136.8	9109.4
55°	7509.7	8460.0	9540.1	10097.3	10049.4	8818.9	8032.7	8979.5	9509.3	9441.0
57.5°	7998.5	8904.3	10087.0	10346.8	10473.3	9495.7	8418.9	9567.4	9820.4	9895.6
60°	8401.9	9194.9	10230.6	10606.6	10651.0	9899.0	9095.7	10172.5	10216.9	9964.0
62.5°	8993.2	9307.7	9926.4	10264.8	10493.8	10128.0	9704.2	10497.2	10210.1	10193.0
65°	9427.3	8938.5	9358.9	9546.9	9693.9	9779.4	10316.0	10719.4	10083.6	9752.0
67.5°	9184.6	8241.2	8162.6	8172.8	8217.3	8733.4	10110.9	10175.9	9379.4	9106.0
70°	8084.0	6761.1	6655.2	6737.2	6515.0	7137.1	9280.3	9249.6	8275.4	7991.7
72.5°	6539.0	4929.0	4747.8	4860.6	4911.9	5571.6	7807.1	7014.1	6036.5	5814.3
75°	5195.6	3613.0	3049.0	3322.5	3496.8	4057.4	6098.0	4764.9	4214.6	3913.8
77.5°	4081.3	2734.5	2372.2	2262.8	2423.5	2949.9	4436.8	2502.1	2208.1	2068.0
80°	2587.6	2009.9	2180.8	2023.6	2091.9	2105.6	2310.7	1138.2	905.8	895.6
82.5°	1558.7	1374.1	1633.9	899.0	1637.3	1463.0	960.5	516.1	458.0	458.0
85°	1104.1	851.1	564.0	365.7	728.1	803.3	372.6	266.6	232.4	225.6
87.5°	553.7	263.2	126.5	82.0	92.3	150.4	44.4	20.5	20.5	17.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)