

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: P599259

Luminaire Tested: **IFLD-S-SA3A-750-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: P599259
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3A-750-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (48) 5000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

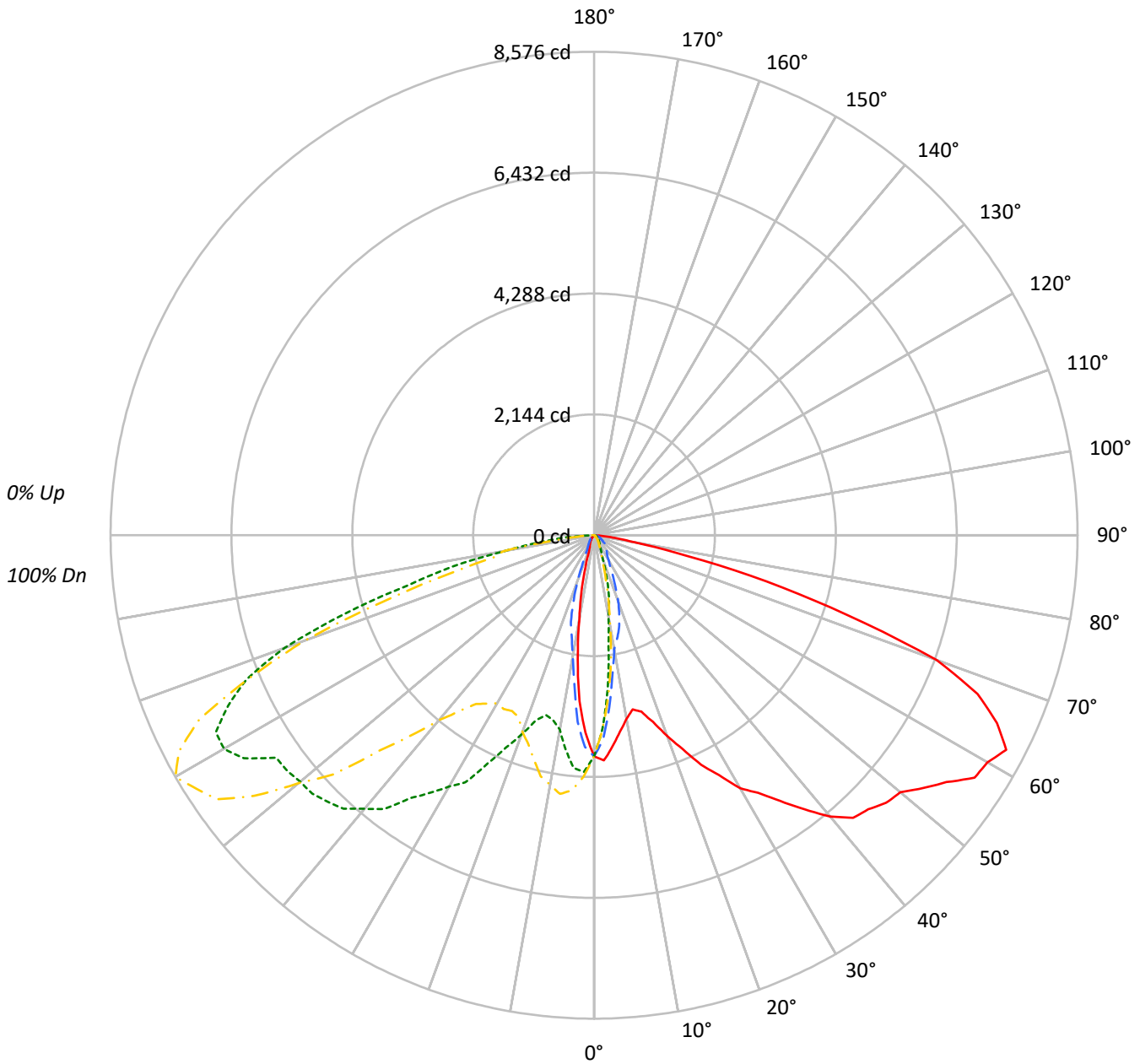
Lumens per Lamp: N/A
 Luminaire Lumens: 10251.4 lumens
 Efficiency: N/A
 Efficacy: 108.1 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 94.8
 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°	56246	56246	56246	56246
5°	54152	39578	42605	59687
10°	48213	21548	21831	51033
15°	48129	14372	8789	49032
20°	57788	7177	3504	57451
25°	71078	4508	2714	70726
30°	85880	3618	2062	85330
35°	100769	2905	1598	99753
40°	121995	2486	1036	118629
45°	139568	2245	560	135697
50°	158347	2159	123	151868
55°	191009	2074	0	172197
60°	231255	1745	0	217529
65°	267777	1409	0	243374
70°	271151	1158	0	245407
75°	175482	765	0	188202
80°	59846	231	0	133173
85°	30036	0	0	97847

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	296.9	2.9
10°-20°	574.9	5.6
20°-30°	800.6	7.8
30°-40°	1137.6	11.1
40°-50°	1577.6	15.4
50°-60°	2149.5	21.0
60°-70°	2363.2	23.1
70°-80°	1161.5	11.3
80°-90°	189.7	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°	1672.4	16.3
0°-40°	2810.0	27.4
0°-60°	6537.0	63.8
0°-90°	10251.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10251.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3919	3919	3919	3919	3919	
5°	3759	2747	2957	4143	3759	344
15°	3239	967	592	3300	3239	959
25°	4488	285	171	4466	4488	2087
35°	5752	166	91	5694	5752	3651
45°	6876	111	28	6686	6876	5330
55°	7634	83	0	6882	7634	6867
65°	7885	42	0	7167	7885	7620
75°	3165	14	0	3394	3165	3450
85°	182	0	0	594	182	252
90°	0	0	0	0	0	

TEST NUMBER: P599259
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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1
2.5°	3999.3	4046.2	4002.0	3847.2	3819.6	3745.0	3631.7	3623.4	3504.5	3518.4	3454.8
5°	3758.8	3805.8	3711.8	3507.3	3316.6	3164.6	3073.4	2910.3	2874.4	2794.2	2794.2
7.5°	3512.8	3510.1	3349.8	3178.4	2893.7	2614.6	2487.4	2252.5	2114.3	2039.7	1967.8
10°	3308.3	3264.1	3164.6	2810.8	2501.3	2211.1	2053.5	1898.7	1755.0	1630.7	1506.3
12.5°	3164.6	3192.2	3034.7	2650.5	2249.8	2048.0	1879.4	1716.3	1545.0	1404.0	1265.8
15°	3239.2	3195.0	3009.8	2614.6	2208.3	1931.9	1708.0	1509.1	1318.3	1133.2	1028.1
17.5°	3471.4	3358.1	3139.7	2614.6	2122.6	1755.0	1484.2	1249.3	1044.7	878.9	749.0
20°	3783.7	3653.8	3418.9	2711.3	2059.1	1625.1	1254.8	959.0	746.2	591.5	492.0
22.5°	4104.3	4002.0	3648.3	2750.0	1984.4	1451.0	989.5	693.7	497.5	398.0	348.2
25°	4488.5	4344.7	3957.8	2904.8	1873.9	1282.4	779.4	483.7	370.4	317.8	287.4
27.5°	4795.2	4770.4	4248.0	2998.8	1791.0	1144.2	616.3	384.2	306.8	268.1	248.7
30°	5182.2	5046.8	4601.8	3186.7	1697.0	986.7	514.1	345.5	281.9	240.5	226.6
32.5°	5414.3	5350.8	4787.0	3291.7	1592.0	856.8	442.2	304.0	257.0	226.6	212.8
35°	5751.5	5624.4	5052.3	3358.1	1536.7	782.2	398.0	276.4	215.6	185.2	168.6
37.5°	6127.4	6080.4	5370.1	3355.3	1456.5	737.9	367.6	257.0	204.5	171.4	152.0
40°	6511.6	6320.9	5563.6	3432.7	1415.1	704.8	345.5	246.0	193.5	163.1	138.2
42.5°	6799.0	6580.7	5787.5	3405.0	1365.3	646.7	337.2	229.4	185.2	149.2	127.1
45°	6876.4	6799.0	5989.2	3396.7	1329.4	599.8	323.4	226.6	179.6	141.0	118.8
47.5°	7025.7	6973.1	6238.0	3410.6	1301.8	563.8	290.2	232.2	171.4	132.7	113.3
50°	7092.0	6998.0	6439.7	3443.7	1238.2	519.6	259.8	243.2	168.6	129.9	107.8
52.5°	7365.6	7282.7	6716.1	3537.7	1185.7	461.6	229.4	232.2	174.1	121.6	102.3
55°	7633.7	7539.7	7141.7	3753.3	1111.1	414.6	196.2	204.5	165.8	110.6	91.2
57.5°	8001.3	7846.5	7426.4	3841.7	1044.7	351.0	174.1	168.6	154.8	99.5	80.2
60°	8056.6	8120.1	7384.9	3786.4	975.6	309.5	152.0	129.9	165.8	88.4	69.1
62.5°	8241.7	7976.4	7191.5	3659.3	925.9	284.7	135.4	107.8	143.7	77.4	58.0
65°	7885.2	7689.0	6738.2	3250.3	862.3	287.4	118.8	88.4	91.2	63.6	47.0
67.5°	7362.8	7208.1	5986.5	2805.3	798.7	281.9	105.0	77.4	69.1	55.3	41.5
70°	6461.8	6127.4	5085.4	2277.4	704.8	262.6	88.4	69.1	58.0	44.2	30.4
72.5°	4701.3	4565.8	3648.3	1760.6	632.9	237.7	82.9	58.0	49.7	33.2	24.9
75°	3164.6	2940.7	2302.3	1155.3	508.5	207.3	69.1	52.5	38.7	24.9	19.3
77.5°	1672.1	1580.9	1304.5	550.0	281.9	96.7	38.7	30.4	22.1	19.3	11.1
80°	724.1	644.0	563.8	223.9	99.5	44.2	24.9	16.6	13.8	11.1	5.5
82.5°	370.4	353.8	293.0	96.7	58.0	33.2	13.8	11.1	8.3	5.5	2.8
85°	182.4	187.9	154.8	30.4	33.2	19.3	2.8	2.8	0.0	0.0	0.0
87.5°	13.8	13.8	11.1	5.5	8.3	2.8	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°	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1
2.5°	3429.9	3468.6	3402.3	3443.7	3424.4	3432.7	3441.0	3418.9	3424.4	3501.8	3504.5
5°	2747.2	2821.9	2794.2	2832.9	2899.3	2866.1	2896.5	2891.0	2896.5	2907.5	2957.3
7.5°	1959.6	1937.4	1990.0	2092.2	2211.1	2282.9	2247.0	2227.6	2216.6	2189.0	2222.1
10°	1478.6	1467.6	1453.8	1484.2	1561.6	1641.7	1685.9	1611.3	1569.9	1517.3	1498.0
12.5°	1227.1	1158.0	1119.4	1072.4	1094.5	1166.3	1169.1	1097.2	1030.9	1003.3	1033.7
15°	967.3	920.4	851.3	784.9	751.8	807.0	760.1	691.0	605.3	594.2	591.5
17.5°	691.0	663.3	613.6	585.9	547.2	533.4	483.7	378.6	317.8	301.3	306.8
20°	469.9	447.7	445.0	420.1	403.5	392.5	312.3	243.2	223.9	226.6	229.4
22.5°	348.2	337.2	323.4	320.6	306.8	293.0	229.4	204.5	190.7	190.7	199.0
25°	284.7	279.1	265.3	259.8	254.3	234.9	193.5	174.1	168.6	163.1	171.4
27.5°	243.2	240.5	232.2	223.9	218.3	199.0	168.6	152.0	146.5	146.5	146.5
30°	218.3	218.3	207.3	190.7	190.7	168.6	143.7	132.7	127.1	127.1	124.4
32.5°	204.5	199.0	185.2	174.1	165.8	143.7	127.1	116.1	107.8	107.8	110.6
35°	165.8	165.8	163.1	154.8	143.7	121.6	107.8	96.7	91.2	88.4	91.2
37.5°	146.5	138.2	127.1	129.9	124.4	105.0	91.2	82.9	74.6	74.6	74.6
40°	132.7	124.4	113.3	105.0	102.3	94.0	80.2	66.3	58.0	55.3	55.3
42.5°	118.8	113.3	96.7	82.9	80.2	80.2	60.8	49.7	41.5	41.5	41.5
45°	110.6	102.3	88.4	71.9	58.0	60.8	49.7	35.9	30.4	27.6	27.6
47.5°	105.0	96.7	77.4	60.8	44.2	44.2	35.9	24.9	19.3	16.6	16.6
50°	96.7	88.4	69.1	49.7	33.2	27.6	22.1	13.8	8.3	5.5	5.5
52.5°	91.2	82.9	60.8	41.5	27.6	19.3	13.8	2.8	0.0	0.0	0.0
55°	82.9	71.9	52.5	33.2	22.1	11.1	2.8	0.0	0.0	0.0	0.0
57.5°	71.9	63.6	41.5	24.9	13.8	2.8	0.0	0.0	0.0	0.0	0.0
60°	60.8	52.5	33.2	19.3	5.5	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	49.7	44.2	24.9	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	41.5	33.2	19.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	35.9	27.6	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	27.6	19.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	19.3	13.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	13.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	8.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.8	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°	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1
2.5°	3515.6	3598.5	3675.9	3698.0	3758.8	3927.4	3927.4	4007.6	4151.3	4203.8	4214.8
5°	2965.6	3054.0	3070.6	3242.0	3322.1	3493.5	3606.8	3877.7	4040.7	4143.0	4206.5
7.5°	2255.3	2285.7	2349.3	2509.6	2667.1	2874.4	3090.0	3435.4	3722.9	3839.0	4054.5
10°	1550.5	1641.7	1779.9	1923.6	2169.6	2399.0	2678.1	3004.3	3358.1	3501.8	3686.9
12.5°	1044.7	1171.9	1393.0	1597.5	1824.1	2056.3	2321.6	2758.3	3159.1	3358.1	3543.2
15°	610.8	765.6	956.3	1287.9	1589.2	1849.0	2114.3	2556.5	3043.0	3300.0	3526.6
17.5°	309.5	356.5	514.1	801.5	1199.5	1625.1	2020.4	2584.2	3131.4	3446.5	3634.4
20°	232.2	246.0	290.2	425.6	820.9	1343.2	1931.9	2625.6	3377.4	3761.6	3863.8
22.5°	201.8	212.8	232.2	276.4	461.6	1028.1	1807.5	2727.9	3711.8	4073.9	4289.5
25°	171.4	182.4	199.0	226.6	295.7	699.2	1655.5	2835.7	4010.3	4466.3	4668.1
27.5°	149.2	157.5	174.1	196.2	240.5	445.0	1393.0	2979.4	4466.3	4941.7	4994.2
30°	127.1	135.4	149.2	174.1	204.5	315.1	1022.6	2998.8	4717.9	5149.0	5295.5
32.5°	110.6	113.3	129.9	152.0	171.4	248.7	718.6	3018.1	4903.0	5417.1	5447.5
35°	91.2	96.7	113.3	127.1	149.2	196.2	544.5	2921.4	5143.5	5693.5	5685.2
37.5°	74.6	82.9	94.0	105.0	121.6	165.8	433.9	2741.7	5444.7	6121.9	5862.1
40°	58.0	66.3	77.4	91.2	102.3	149.2	326.1	2470.9	5759.8	6331.9	6055.5
42.5°	41.5	47.0	58.0	71.9	91.2	124.4	234.9	2150.3	5884.2	6577.9	6287.7
45°	30.4	35.9	44.2	60.8	94.0	99.5	163.1	1857.3	6016.9	6685.7	6235.2
47.5°	16.6	22.1	33.2	52.5	82.9	74.6	116.1	1594.7	6168.9	6782.4	6276.7
50°	5.5	8.3	19.3	55.3	66.3	58.0	91.2	1453.8	6318.1	6801.8	6359.6
52.5°	0.0	0.0	11.1	58.0	49.7	44.2	80.2	1398.5	6279.4	6862.6	6307.1
55°	0.0	0.0	2.8	24.9	27.6	33.2	66.3	1395.7	6553.0	6881.9	6594.5
57.5°	0.0	0.0	0.0	8.3	16.6	27.6	58.0	1307.3	6727.2	7362.8	6981.4
60°	0.0	0.0	0.0	2.8	11.1	19.3	44.2	1229.9	6904.0	7578.4	7396.0
62.5°	0.0	0.0	0.0	0.0	2.8	8.3	30.4	1111.1	6547.5	7561.8	7796.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	19.3	878.9	5889.7	7166.6	7575.7
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	11.1	608.0	5157.3	6669.1	7169.4
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	367.6	4162.3	5848.3	6080.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	157.5	2971.1	4643.2	4988.7
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.6	1837.9	3394.0	3819.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.9	1191.2	2570.4	2899.3
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	635.7	1611.3	1873.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	276.4	978.4	1127.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.4	594.2	677.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91.2	121.6
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: P599259
 CATALOG NUMBER: IFLD-S-SA3A-750-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1	3919.1
2.5°	4220.4	4300.5	4330.9	4283.9	4289.5	4192.7	4178.9	4043.5	3988.2	3999.3
5°	4413.8	4529.9	4593.5	4541.0	4422.1	4236.9	4068.4	3908.1	3808.6	3758.8
7.5°	4369.6	4499.5	4579.7	4629.4	4494.0	4195.5	3938.5	3637.2	3510.1	3512.8
10°	4126.4	4397.3	4560.3	4496.7	4433.2	4134.7	3736.7	3410.6	3297.2	3308.3
12.5°	3930.2	4231.4	4328.2	4377.9	4248.0	4010.3	3742.2	3369.1	3242.0	3164.6
15°	3808.6	4032.4	4038.0	4115.3	4062.8	4062.8	3800.3	3435.4	3324.9	3239.2
17.5°	3808.6	3858.3	3852.8	3880.4	3968.9	4073.9	3946.7	3703.5	3485.2	3471.4
20°	3894.2	3739.5	3703.5	3714.6	3789.2	4101.5	4270.1	3966.1	3827.9	3783.7
22.5°	4093.2	3753.3	3534.9	3496.2	3725.6	4098.8	4477.4	4380.7	4140.2	4104.3
25°	4366.8	3728.4	3490.7	3441.0	3615.1	4198.3	4762.1	4781.4	4563.1	4488.5
27.5°	4626.6	3839.0	3485.2	3474.1	3703.5	4176.1	4958.3	5102.0	4856.0	4795.2
30°	4715.1	3949.5	3587.4	3441.0	3736.7	4256.3	4952.8	5328.7	5168.4	5182.2
32.5°	4820.1	4060.1	3598.5	3540.5	3877.7	4386.2	5110.3	5693.5	5577.4	5414.3
35°	4974.9	4209.3	3703.5	3651.0	3977.1	4502.3	5143.5	5961.6	5942.2	5751.5
37.5°	5107.6	4355.8	3921.9	3930.2	4281.2	4690.2	5290.0	6290.5	6257.3	6127.4
40°	5201.5	4560.3	4261.8	4283.9	4546.5	4900.3	5549.8	6456.3	6702.3	6511.6
42.5°	5215.3	4742.7	4651.5	4828.4	5074.4	5226.4	5654.8	6569.6	6923.4	6799.0
45°	5267.9	5032.9	5287.2	5417.1	5618.9	5513.8	5649.3	6763.1	6940.0	6876.4
47.5°	5472.4	5560.8	5881.4	6276.7	6348.5	6003.0	5781.9	6793.5	7033.9	7025.7
50°	5685.2	6127.4	6577.9	6840.5	6931.7	6340.2	5906.3	6768.6	7158.3	7092.0
52.5°	5922.9	6619.4	7268.9	7592.2	7542.5	6713.3	6047.3	6970.4	7387.7	7365.6
55°	6072.1	6840.5	7713.8	8164.3	8125.7	7130.7	6495.0	7260.6	7689.0	7633.7
57.5°	6467.4	7199.8	8156.1	8366.1	8468.4	7677.9	6807.3	7736.0	7940.5	8001.3
60°	6793.5	7434.7	8272.1	8576.2	8612.1	8004.0	7354.5	8225.2	8261.1	8056.6
62.5°	7271.6	7525.9	8026.2	8299.8	8485.0	8189.2	7846.5	8487.7	8255.6	8241.7
65°	7622.6	7227.4	7567.4	7719.4	7838.2	7907.3	8341.2	8667.4	8153.3	7885.2
67.5°	7426.4	6663.6	6600.0	6608.3	6644.2	7061.6	8175.4	8227.9	7583.9	7362.8
70°	6536.5	5466.9	5381.2	5447.5	5267.9	5770.9	7503.8	7478.9	6691.2	6461.8
72.5°	5287.2	3985.4	3839.0	3930.2	3971.6	4505.0	6312.6	5671.4	4880.9	4701.3
75°	4201.0	2921.4	2465.3	2686.4	2827.4	3280.7	4930.7	3852.8	3407.8	3164.6
77.5°	3300.0	2211.1	1918.1	1829.7	1959.6	2385.2	3587.4	2023.1	1785.4	1672.1
80°	2092.2	1625.1	1763.3	1636.2	1691.5	1702.5	1868.3	920.4	732.4	724.1
82.5°	1260.3	1111.1	1321.1	726.9	1323.9	1182.9	776.6	417.3	370.4	370.4
85°	892.7	688.2	456.0	295.7	588.7	649.5	301.3	215.6	187.9	182.4
87.5°	447.7	212.8	102.3	66.3	74.6	121.6	35.9	16.6	16.6	13.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)