

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: P598768

Luminaire Tested: **IFLD-S-SA3C-760-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598768
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3C-760-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (48) 5700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

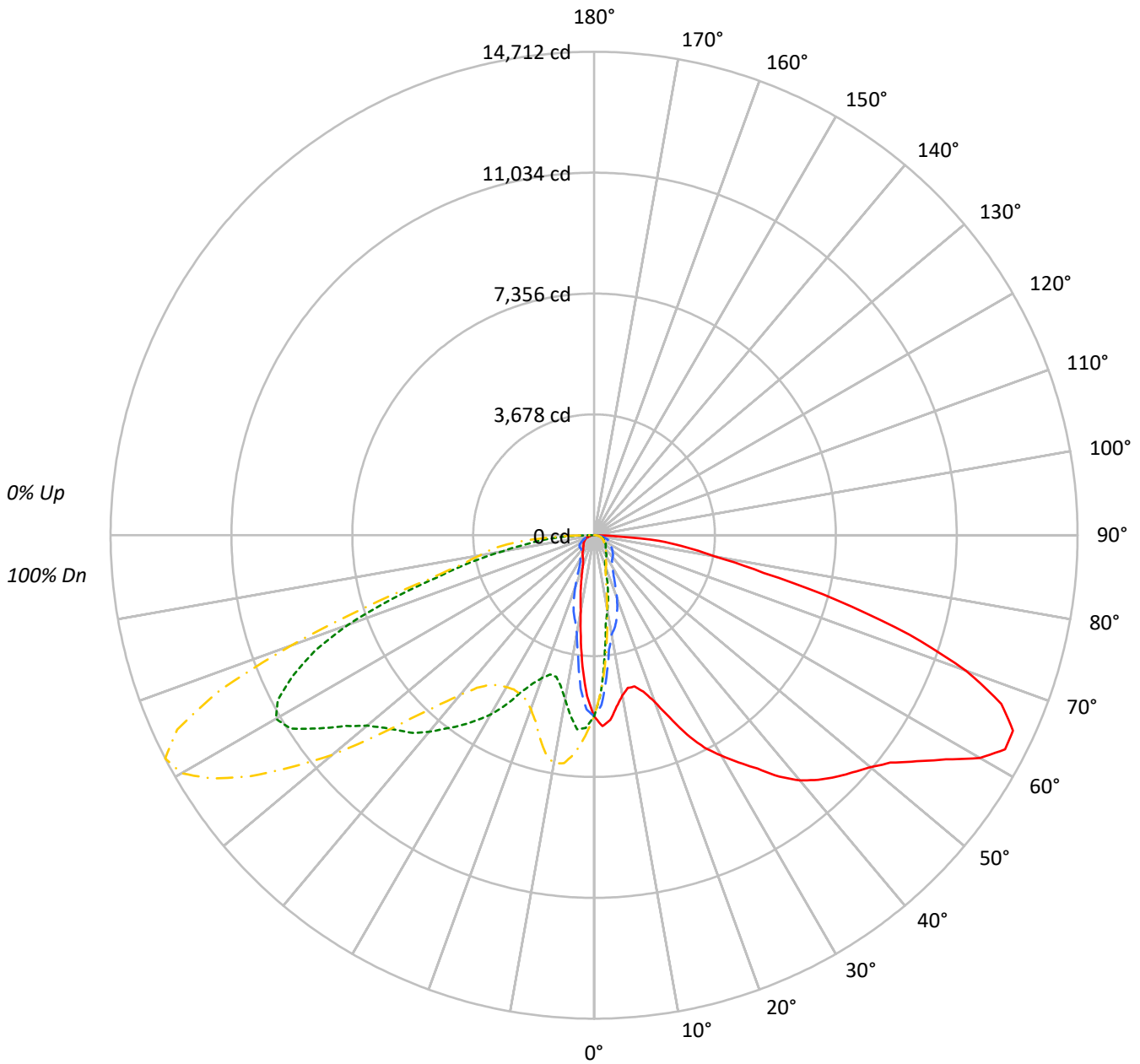
Lumens per Lamp: N/A
 Luminaire Lumens: 18429.5 lumens
 Efficiency: N/A
 Efficacy: 114.6 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 160.8
 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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	85	82	79	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	70	65	61	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	59	53	48	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	51	44	39	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	45	38	32	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	36	29	23	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	32	26	20	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	30	23	18	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	28	21	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	79010	79010	79010	79010
5°	81311	52876	57762	85422
10°	72139	33597	33934	73824
15°	70799	23830	22570	66217
20°	82315	15073	15190	70538
25°	105859	12942	12577	83393
30°	128290	12267	11499	104394
35°	151841	10807	10402	123741
40°	182448	10256	9534	146188
45°	211111	10173	9233	170423
50°	245148	10329	9297	201250
55°	300003	10612	9453	256400
60°	389077	10623	9960	320690
65°	477599	10735	10212	343276
70°	505379	11326	10675	334224
75°	425418	11972	10691	272777
80°	309075	14017	10835	235790
85°	327577	20320	8892	245045

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	426.1	2.3
10°-20°	891.7	4.8
20°-30°	1285.0	7.0
30°-40°	1849.9	10.0
40°-50°	2627.6	14.3
50°-60°	3777.8	20.5
60°-70°	4364.6	23.7
70°-80°	2471.3	13.4
80°-90°	735.5	4.0
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°	2602.8	14.1
0°-40°	4452.6	24.2
0°-60°	10858.1	58.9
0°-90°	18429.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	18429.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5505	5505	5505	5505	5505	
5°	5644	3670	4009	5929	5644	512
15°	4765	1604	1519	4457	4765	1401
25°	6685	817	794	5266	6685	3103
35°	8666	617	594	7063	8666	5500
45°	10401	501	455	8397	10401	8054
55°	11990	424	378	10247	11990	10859
65°	14064	316	301	10108	14064	13486
75°	7672	216	193	4919	7672	8140
85°	1989	123	54	1488	1989	1981
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°	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2
2.5°	5813.7	5805.9	5759.7	5613.2	5459.0	5312.5	5173.7	5027.2	4950.1	4857.6	4819.0
5°	5644.0	5628.6	5497.5	5173.7	4888.4	4580.0	4317.8	4109.7	3940.0	3770.4	3708.7
7.5°	5258.5	5235.4	5081.2	4634.0	4217.6	3816.7	3500.5	3230.7	3007.1	2906.8	2791.2
10°	4950.1	4911.5	4711.1	4217.6	3677.9	3276.9	3068.7	2883.7	2690.9	2529.0	2359.4
12.5°	4757.3	4711.1	4502.9	3924.6	3400.3	3099.6	2883.7	2675.5	2436.5	2236.0	2051.0
15°	4765.0	4711.1	4456.6	3847.5	3330.9	2945.4	2644.7	2359.4	2081.8	1858.2	1650.0
17.5°	4988.6	4919.2	4649.4	3955.4	3276.9	2744.9	2344.0	1973.9	1657.7	1418.7	1249.1
20°	5389.6	5343.3	5034.9	4117.4	3223.0	2529.0	2035.5	1588.3	1256.8	1071.7	1002.4
22.5°	5991.0	5937.0	5605.5	4364.1	3207.5	2336.3	1704.0	1249.1	1010.1	933.0	894.4
25°	6684.9	6584.7	6276.3	4780.5	3238.4	2158.9	1434.1	1033.2	902.1	848.1	825.0
27.5°	7286.3	7224.7	6877.7	5173.7	3253.8	2020.1	1249.1	940.7	840.4	794.2	778.8
30°	7741.3	7718.1	7378.9	5605.5	3215.2	1850.5	1133.4	902.1	840.4	794.2	747.9
32.5°	8196.2	8203.9	7841.5	5937.0	3161.3	1704.0	1025.5	801.9	740.2	709.4	717.1
35°	8666.5	8705.1	8396.6	6260.9	3045.6	1650.0	948.4	747.9	693.9	647.7	624.5
37.5°	9260.2	9360.4	9059.7	6623.2	2930.0	1603.8	909.8	709.4	655.4	616.8	586.0
40°	9738.3	9923.3	9746.0	6962.5	2852.9	1549.8	879.0	670.8	632.3	586.0	562.9
42.5°	10092.9	10308.8	10247.1	7224.7	2852.9	1495.8	848.1	647.7	616.8	562.9	532.0
45°	10401.3	10625.0	10617.2	7494.5	2914.5	1465.0	809.6	647.7	601.4	547.4	516.6
47.5°	10678.9	10902.5	10979.6	7833.8	3014.8	1449.6	763.3	632.3	601.4	539.7	493.5
50°	10979.6	11226.4	11457.7	8373.5	3138.1	1411.0	732.5	609.1	609.1	532.0	478.0
52.5°	11365.2	11642.7	12066.8	9044.3	3261.5	1341.6	686.2	593.7	609.1	524.3	462.6
55°	11989.7	12221.0	12776.2	9846.2	3415.7	1256.8	647.7	555.1	578.3	501.2	439.5
57.5°	12691.3	12891.8	13354.4	10463.0	3462.0	1148.9	593.7	516.6	555.1	478.0	408.7
60°	13554.9	13655.1	13655.1	10640.4	3307.8	1048.6	555.1	485.8	501.2	454.9	385.5
62.5°	14102.3	14102.3	13655.1	10316.5	3014.8	963.8	524.3	454.9	439.5	424.1	362.4
65°	14063.8	14002.1	13339.0	9375.9	2675.5	909.8	493.5	416.4	393.2	385.5	339.3
67.5°	13416.1	13308.2	12406.1	8049.7	2320.8	886.7	462.6	377.8	362.4	347.0	308.4
70°	12043.7	11766.1	10655.8	6476.7	1973.9	871.3	454.9	347.0	331.5	316.1	285.3
72.5°	10054.4	9699.7	8319.5	4980.9	1657.7	817.3	431.8	308.4	300.7	285.3	254.4
75°	7671.9	7016.5	5805.9	3808.9	1287.6	709.4	370.1	269.9	269.9	262.2	231.3
77.5°	5289.3	4950.1	4048.0	2814.3	940.7	547.4	300.7	239.0	239.0	246.7	215.9
80°	3739.6	3423.4	2883.7	2020.1	593.7	370.1	231.3	200.5	223.6	239.0	200.5
82.5°	2860.6	2629.3	2143.5	1472.7	347.0	254.4	177.3	161.9	192.8	208.2	169.6
85°	1989.3	1711.7	1087.2	986.9	200.5	154.2	131.1	131.1	169.6	208.2	154.2
87.5°	562.9	239.0	69.4	293.0	84.8	61.7	46.3	30.8	46.3	46.3	30.8
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°	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2
2.5°	4780.5	4734.2	4734.2	4718.8	4726.5	4734.2	4726.5	4780.5	4803.6	4834.4	4896.1
5°	3670.2	3731.8	3685.6	3731.8	3793.5	3886.0	3909.2	3978.6	3986.3	4040.3	4009.4
7.5°	2721.8	2714.1	2675.5	2729.5	2899.1	3030.2	3091.9	3130.4	3138.1	3138.1	3099.6
10°	2305.4	2236.0	2166.6	2128.1	2143.5	2282.3	2328.5	2351.7	2336.3	2359.4	2328.5
12.5°	1973.9	1912.2	1811.9	1742.6	1696.3	1734.8	1781.1	1804.2	1819.7	1858.2	1889.1
15°	1603.8	1542.1	1480.4	1441.8	1403.3	1372.5	1411.0	1434.1	1472.7	1503.5	1519.0
17.5°	1218.2	1187.4	1156.6	1179.7	1179.7	1164.3	1179.7	1187.4	1202.8	1226.0	1218.2
20°	986.9	979.2	971.5	1010.1	1040.9	1040.9	1056.3	1033.2	1025.5	1002.4	994.6
22.5°	879.0	879.0	886.7	917.5	948.4	963.8	963.8	925.2	886.7	871.3	879.0
25°	817.3	817.3	840.4	848.1	863.6	863.6	871.3	832.7	809.6	786.5	794.2
27.5°	771.0	771.0	778.8	778.8	786.5	786.5	794.2	778.8	747.9	740.2	740.2
30°	740.2	740.2	732.5	732.5	732.5	732.5	740.2	717.1	701.6	693.9	693.9
32.5°	709.4	701.6	693.9	693.9	686.2	686.2	693.9	670.8	663.1	663.1	663.1
35°	616.8	609.1	616.8	632.3	632.3	640.0	640.0	632.3	616.8	601.4	593.7
37.5°	578.3	570.6	570.6	570.6	586.0	593.7	601.4	586.0	562.9	539.7	539.7
40°	547.4	547.4	539.7	539.7	539.7	555.1	570.6	547.4	516.6	508.9	508.9
42.5°	524.3	516.6	508.9	501.2	493.5	516.6	532.0	501.2	485.8	485.8	485.8
45°	501.2	493.5	485.8	478.0	470.3	478.0	493.5	462.6	454.9	454.9	454.9
47.5°	478.0	470.3	454.9	447.2	439.5	439.5	454.9	431.8	424.1	431.8	431.8
50°	462.6	447.2	431.8	424.1	416.4	416.4	416.4	408.7	408.7	408.7	416.4
52.5°	447.2	431.8	408.7	400.9	393.2	393.2	393.2	393.2	385.5	393.2	400.9
55°	424.1	408.7	393.2	385.5	377.8	370.1	377.8	370.1	370.1	377.8	377.8
57.5°	393.2	377.8	362.4	362.4	354.7	354.7	362.4	354.7	354.7	362.4	362.4
60°	370.1	354.7	339.3	339.3	331.5	339.3	347.0	339.3	339.3	339.3	347.0
62.5°	339.3	331.5	316.1	316.1	316.1	316.1	323.8	316.1	323.8	323.8	323.8
65°	316.1	300.7	293.0	293.0	293.0	293.0	308.4	293.0	300.7	300.7	300.7
67.5°	293.0	277.6	269.9	269.9	269.9	269.9	285.3	269.9	277.6	285.3	277.6
70°	269.9	254.4	246.7	246.7	246.7	246.7	254.4	246.7	246.7	254.4	254.4
72.5°	239.0	231.3	223.6	223.6	215.9	223.6	231.3	223.6	223.6	223.6	223.6
75°	215.9	208.2	208.2	200.5	200.5	200.5	208.2	192.8	192.8	192.8	192.8
77.5°	200.5	185.0	185.0	185.0	177.3	185.0	177.3	161.9	161.9	161.9	161.9
80°	169.6	154.2	161.9	161.9	154.2	154.2	146.5	131.1	131.1	131.1	131.1
82.5°	138.8	123.4	131.1	131.1	131.1	131.1	115.7	107.9	100.2	92.5	92.5
85°	123.4	100.2	115.7	115.7	107.9	107.9	77.1	77.1	61.7	61.7	54.0
87.5°	23.1	15.4	30.8	38.6	38.6	46.3	30.8	38.6	23.1	15.4	15.4
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°	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2
2.5°	4888.4	4973.2	5088.9	5173.7	5304.8	5405.0	5559.2	5690.3	5813.7	5867.6	5921.6
5°	4101.9	4155.9	4333.3	4472.0	4680.2	4903.8	5181.4	5482.1	5790.5	5929.3	6091.2
7.5°	3068.7	3169.0	3269.2	3469.7	3724.1	4086.5	4441.2	4888.4	5320.2	5528.4	5805.9
10°	2382.5	2459.6	2575.3	2783.5	3022.5	3323.2	3747.3	4279.3	4795.9	5065.7	5351.0
12.5°	1912.2	2020.1	2174.3	2390.2	2667.8	2976.2	3284.6	3778.1	4379.5	4687.9	5011.8
15°	1549.8	1634.6	1804.2	2074.1	2397.9	2714.1	3037.9	3446.6	4101.9	4456.6	4842.1
17.5°	1233.7	1295.3	1449.6	1719.4	2043.3	2397.9	2768.0	3284.6	4009.4	4441.2	4896.1
20°	1002.4	1048.6	1148.9	1349.3	1657.7	2043.3	2505.9	3130.4	4063.4	4618.5	5173.7
22.5°	879.0	894.4	940.7	1048.6	1303.1	1711.7	2266.9	2999.4	4163.6	4880.7	5628.6
25°	794.2	809.6	825.0	894.4	1040.9	1426.4	2058.7	2922.2	4379.5	5266.2	6152.9
27.5°	740.2	755.6	763.3	794.2	894.4	1218.2	1881.3	2876.0	4672.5	5829.1	6800.6
30°	693.9	693.9	717.1	763.3	832.7	1071.7	1727.1	2768.0	4980.9	6299.4	7309.5
32.5°	655.4	663.1	693.9	717.1	763.3	948.4	1572.9	2629.3	5258.5	6684.9	7810.7
35°	586.0	586.0	593.7	632.3	693.9	848.1	1434.1	2490.5	5412.7	7062.7	8257.9
37.5°	539.7	547.4	562.9	593.7	647.7	778.8	1318.5	2336.3	5574.6	7417.4	8782.2
40°	508.9	516.6	532.0	562.9	616.8	717.1	1218.2	2212.9	5744.3	7802.9	9345.0
42.5°	485.8	493.5	508.9	539.7	586.0	701.6	1110.3	2112.7	5844.5	8157.6	9877.0
45°	462.6	470.3	493.5	524.3	562.9	686.2	1048.6	2043.3	5883.0	8396.6	10301.1
47.5°	439.5	447.2	470.3	516.6	562.9	663.1	1025.5	2004.7	5913.9	8666.5	10640.4
50°	416.4	431.8	462.6	508.9	570.6	632.3	1010.1	1997.0	6091.2	9013.5	10964.2
52.5°	400.9	424.1	454.9	508.9	562.9	586.0	1002.4	2020.1	6445.9	9530.1	11426.8
55°	385.5	408.7	439.5	508.9	539.7	547.4	963.8	2058.7	6985.6	10247.1	12082.2
57.5°	370.1	385.5	424.1	493.5	508.9	516.6	886.7	2112.7	7525.4	10948.8	12753.0
60°	347.0	362.4	400.9	493.5	462.6	485.8	786.5	2128.1	7910.9	11172.4	12814.7
62.5°	323.8	339.3	377.8	508.9	424.1	454.9	701.6	2074.1	7988.0	10848.6	12467.7
65°	300.7	316.1	347.0	424.1	393.2	424.1	647.7	1927.6	7733.5	10108.4	11835.5
67.5°	277.6	293.0	316.1	347.0	354.7	385.5	624.5	1696.3	7093.6	9190.8	10971.9
70°	246.7	262.2	285.3	308.4	316.1	362.4	586.0	1472.7	6060.4	7964.9	9915.6
72.5°	223.6	231.3	254.4	269.9	285.3	331.5	562.9	1287.6	4634.0	6445.9	8088.2
75°	192.8	192.8	215.9	231.3	246.7	293.0	516.6	1071.7	3269.2	4919.2	5944.7
77.5°	161.9	161.9	177.3	192.8	208.2	254.4	439.5	871.3	2266.9	3901.5	4310.1
80°	123.4	123.4	138.8	154.2	169.6	215.9	354.7	640.0	1403.3	2852.9	3138.1
82.5°	84.8	84.8	107.9	115.7	123.4	169.6	269.9	439.5	825.0	2058.7	2243.7
85°	46.3	46.3	61.7	69.4	84.8	123.4	200.5	308.4	493.5	1488.1	1495.8
87.5°	7.7	7.7	23.1	23.1	38.6	61.7	115.7	169.6	277.6	825.0	524.3
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: P598768
 CATALOG NUMBER: IFLD-S-SA3C-760-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2	5505.2
2.5°	6021.8	6106.6	6114.4	6114.4	6075.8	6083.5	5975.6	5859.9	5821.4	5813.7
5°	6338.0	6561.6	6623.2	6654.1	6553.9	6399.6	6122.1	5821.4	5667.2	5644.0
7.5°	6276.3	6723.5	6962.5	6993.3	6792.9	6430.5	5944.7	5482.1	5304.8	5258.5
10°	5913.9	6515.3	6947.1	7055.0	6839.1	6376.5	5744.3	5204.5	4988.6	4950.1
12.5°	5659.4	6237.7	6661.8	6808.3	6708.1	6307.1	5644.0	5027.2	4811.3	4757.3
15°	5520.7	6052.7	6330.3	6376.5	6368.8	6199.2	5644.0	5065.7	4826.7	4765.0
17.5°	5636.3	5998.7	6037.3	5929.3	5991.0	6075.8	5767.4	5273.9	5042.6	4988.6
20°	5867.6	5975.6	5790.5	5628.6	5659.4	5929.3	5960.2	5667.2	5482.1	5389.6
22.5°	6353.4	6060.4	5636.3	5412.7	5435.8	5813.7	6214.6	6199.2	6037.3	5991.0
25°	6846.8	6299.4	5590.1	5327.9	5358.7	5790.5	6515.3	6792.9	6708.1	6684.9
27.5°	7394.3	6700.4	5620.9	5289.3	5327.9	5821.4	6723.5	7294.1	7309.5	7286.3
30°	7764.4	6893.1	5713.4	5335.6	5389.6	5898.5	6769.7	7594.8	7733.5	7741.3
32.5°	8072.8	7085.9	5906.2	5412.7	5505.2	6037.3	6893.1	7880.0	8188.5	8196.2
35°	8319.5	7301.8	6145.2	5551.5	5690.3	6268.6	7055.0	8149.9	8612.5	8666.5
37.5°	8635.7	7540.8	6422.8	5852.2	6006.4	6600.1	7340.3	8466.0	9113.7	9260.2
40°	8974.9	7779.8	6823.7	6338.0	6561.6	7093.6	7664.2	8820.7	9537.8	9738.3
42.5°	9352.7	8034.3	7278.6	6993.3	7332.6	7718.1	8034.3	9144.6	9861.6	10092.9
45°	9722.8	8342.7	7941.7	7887.8	8265.6	8458.3	8396.6	9375.9	10170.0	10401.3
47.5°	9985.0	8789.9	8743.6	9067.4	9422.1	9321.9	8820.7	9545.5	10424.5	10678.9
50°	10224.0	9345.0	9753.7	10385.9	10601.8	10262.6	9275.6	9776.8	10694.3	10979.6
52.5°	10578.7	9938.7	10794.6	11581.0	11789.2	11249.5	9769.1	10154.6	11110.7	11365.2
55°	11303.5	10609.5	11881.7	12783.9	12822.4	12151.6	10432.2	10794.6	11696.7	11989.7
57.5°	12113.1	11434.5	12745.3	13778.5	13763.1	13053.7	11180.1	11658.1	12490.9	12691.3
60°	12845.6	12267.3	13686.0	14487.9	14449.3	13709.1	12051.4	12637.4	13400.7	13554.9
62.5°	13277.3	13022.9	14102.3	14711.5	14565.0	13925.0	12791.6	13508.6	14048.4	14102.3
65°	13207.9	13454.7	13616.6	13994.4	13786.2	13323.6	13154.0	14063.8	14117.8	14063.8
67.5°	12683.6	13207.9	12282.7	12321.2	12213.3	11820.1	12591.1	13917.3	13547.2	13416.1
70°	11889.5	11928.0	10270.3	9784.5	9954.1	9414.4	10802.3	12776.2	12205.6	12043.7
72.5°	10571.0	10092.9	7764.4	7270.9	7525.4	7139.8	8666.5	11133.8	10578.7	10054.4
75°	8867.0	7995.7	5913.9	5212.2	5343.3	5327.9	6715.8	9198.5	8196.2	7671.9
77.5°	6870.0	6230.0	4364.1	4094.2	3955.4	3986.3	4687.9	6839.1	5944.7	5289.3
80°	5019.5	4356.4	3377.2	3531.4	3454.3	3269.2	3284.6	4580.0	4132.8	3739.6
82.5°	3469.7	3099.6	2737.2	3091.9	2906.8	2621.5	2559.9	3300.1	3099.6	2860.6
85°	2328.5	2552.1	2174.3	2367.1	2051.0	1889.1	2405.6	2760.3	2228.3	1989.3
87.5°	1519.0	2336.3	1565.2	1187.4	678.5	909.8	1472.7	1811.9	1040.9	562.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)