

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: P598620

Luminaire Tested: **IFLD-S-SA2E-727-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598620
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2E-727-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (32) 2700K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

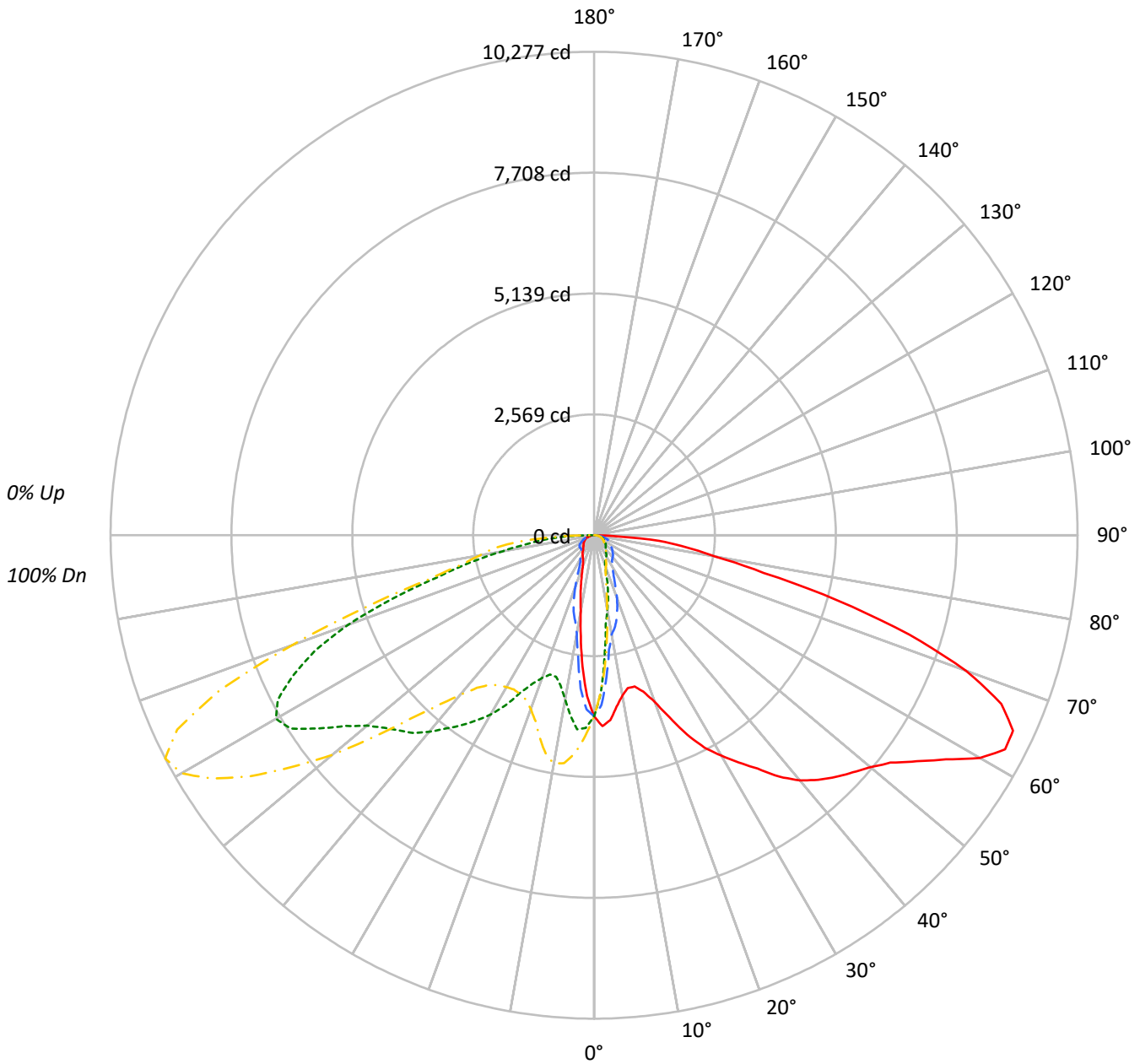
Lumens per Lamp: N/A
 Luminaire Lumens: 12874.8 lumens
 Efficiency: N/A
 Efficacy: 82.4 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 156.2
 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°	82794	82794	82794	82794
5°	85206	55408	60530	89513
10°	75594	35208	35560	77360
15°	74190	24971	23649	69389
20°	86256	15796	15920	73917
25°	110930	13563	13178	87389
30°	134433	12854	12051	109393
35°	159113	11324	10901	129669
40°	191185	10746	9990	153190
45°	221222	10659	9675	178587
50°	256889	10824	9743	210888
55°	314370	11121	9905	268681
60°	407711	11134	10437	336049
65°	500472	11247	10702	359717
70°	529585	11865	11191	350228
75°	445788	12543	11204	285847
80°	323869	14691	11356	247080
85°	343262	21292	9312	256786

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	297.6	2.3
10°-20°	622.9	4.8
20°-30°	897.7	7.0
30°-40°	1292.3	10.0
40°-50°	1835.7	14.3
50°-60°	2639.2	20.5
60°-70°	3049.1	23.7
70°-80°	1726.5	13.4
80°-90°	513.8	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°	1818.3	14.1
0°-40°	3110.6	24.2
0°-60°	7585.4	58.9
0°-90°	12874.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12874.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3846	3846	3846	3846	3846	
5°	3943	2564	2801	4142	3943	358
15°	3329	1120	1061	3113	3329	979
25°	4670	571	555	3679	4670	2168
35°	6054	431	415	4934	6054	3842
45°	7266	350	318	5866	7266	5626
55°	8376	296	264	7159	8376	7586
65°	9825	221	210	7062	9825	9421
75°	5360	151	135	3437	5360	5687
85°	1390	86	38	1040	1390	1384
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°	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9
2.5°	4061.4	4056.0	4023.7	3921.3	3813.6	3711.3	3614.3	3512.0	3458.1	3393.5	3366.5
5°	3942.9	3932.1	3840.5	3614.3	3415.0	3199.6	3016.4	2871.0	2752.5	2634.0	2590.9
7.5°	3673.6	3657.4	3549.7	3237.3	2946.4	2666.3	2445.5	2256.9	2100.7	2030.7	1949.9
10°	3458.1	3431.2	3291.1	2946.4	2569.3	2289.2	2143.8	2014.5	1879.9	1766.8	1648.3
12.5°	3323.4	3291.1	3145.7	2741.7	2375.4	2165.4	2014.5	1869.1	1702.1	1562.1	1432.8
15°	3328.8	3291.1	3113.4	2687.8	2327.0	2057.6	1847.6	1648.3	1454.3	1298.1	1152.7
17.5°	3485.0	3436.6	3248.0	2763.3	2289.2	1917.6	1637.5	1378.9	1158.1	991.1	872.6
20°	3765.1	3732.8	3517.4	2876.4	2251.5	1766.8	1422.0	1109.6	878.0	748.7	700.2
22.5°	4185.3	4147.6	3916.0	3048.7	2240.8	1632.1	1190.4	872.6	705.6	651.8	624.8
25°	4670.1	4600.0	4384.6	3339.6	2262.3	1508.2	1001.9	721.8	630.2	592.5	576.4
27.5°	5090.2	5047.1	4804.7	3614.3	2273.1	1411.3	872.6	657.1	587.1	554.8	544.0
30°	5408.0	5391.8	5154.8	3916.0	2246.2	1292.8	791.8	630.2	587.1	554.8	522.5
32.5°	5725.8	5731.2	5478.0	4147.6	2208.4	1190.4	716.4	560.2	517.1	495.6	500.9
35°	6054.4	6081.3	5865.9	4373.8	2127.7	1152.7	662.5	522.5	484.8	452.5	436.3
37.5°	6469.1	6539.2	6329.1	4627.0	2046.9	1120.4	635.6	495.6	457.8	430.9	409.4
40°	6803.1	6932.4	6808.5	4864.0	1993.0	1082.7	614.1	468.6	441.7	409.4	393.2
42.5°	7050.9	7201.7	7158.6	5047.1	1993.0	1045.0	592.5	452.5	430.9	393.2	371.7
45°	7266.3	7422.5	7417.2	5235.6	2036.1	1023.4	565.6	452.5	420.1	382.4	360.9
47.5°	7460.2	7616.5	7670.3	5472.6	2106.1	1012.7	533.3	441.7	420.1	377.1	344.7
50°	7670.3	7842.7	8004.3	5849.7	2192.3	985.7	511.7	425.5	425.5	371.7	334.0
52.5°	7939.6	8133.6	8429.8	6318.3	2278.5	937.2	479.4	414.8	425.5	366.3	323.2
55°	8375.9	8537.5	8925.4	6878.5	2386.2	878.0	452.5	387.8	404.0	350.1	307.0
57.5°	8866.1	9006.2	9329.4	7309.4	2418.5	802.6	414.8	360.9	387.8	334.0	285.5
60°	9469.4	9539.4	9539.4	7433.3	2310.8	732.6	387.8	339.3	350.1	317.8	269.3
62.5°	9851.8	9851.8	9539.4	7207.1	2106.1	673.3	366.3	317.8	307.0	296.3	253.2
65°	9824.9	9781.8	9318.6	6549.9	1869.1	635.6	344.7	290.9	274.7	269.3	237.0
67.5°	9372.4	9297.0	8666.8	5623.5	1621.3	619.4	323.2	263.9	253.2	242.4	215.5
70°	8413.7	8219.7	7444.1	4524.6	1378.9	608.7	317.8	242.4	231.6	220.8	199.3
72.5°	7023.9	6776.2	5812.0	3479.7	1158.1	571.0	301.6	215.5	210.1	199.3	177.8
75°	5359.5	4901.7	4056.0	2660.9	899.5	495.6	258.6	188.5	188.5	183.1	161.6
77.5°	3695.1	3458.1	2827.9	1966.1	657.1	382.4	210.1	167.0	167.0	172.4	150.8
80°	2612.4	2391.6	2014.5	1411.3	414.8	258.6	161.6	140.0	156.2	167.0	140.0
82.5°	1998.4	1836.8	1497.4	1028.8	242.4	177.8	123.9	113.1	134.7	145.4	118.5
85°	1389.7	1195.8	759.5	689.5	140.0	107.7	91.6	91.6	118.5	145.4	107.7
87.5°	393.2	167.0	48.5	204.7	59.3	43.1	32.3	21.5	32.3	32.3	21.5
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°	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9
2.5°	3339.6	3307.3	3307.3	3296.5	3301.9	3307.3	3301.9	3339.6	3355.8	3377.3	3420.4
5°	2564.0	2607.0	2574.7	2607.0	2650.1	2714.8	2730.9	2779.4	2784.8	2822.5	2801.0
7.5°	1901.4	1896.0	1869.1	1906.8	2025.3	2116.9	2160.0	2186.9	2192.3	2192.3	2165.4
10°	1610.6	1562.1	1513.6	1486.7	1497.4	1594.4	1626.7	1642.9	1632.1	1648.3	1626.7
12.5°	1378.9	1335.8	1265.8	1217.3	1185.0	1212.0	1244.3	1260.4	1271.2	1298.1	1319.7
15°	1120.4	1077.3	1034.2	1007.3	980.3	958.8	985.7	1001.9	1028.8	1050.4	1061.1
17.5°	851.1	829.5	808.0	824.1	824.1	813.4	824.1	829.5	840.3	856.4	851.1
20°	689.5	684.1	678.7	705.6	727.2	727.2	737.9	721.8	716.4	700.2	694.9
22.5°	614.1	614.1	619.4	641.0	662.5	673.3	673.3	646.4	619.4	608.7	614.1
25°	571.0	571.0	587.1	592.5	603.3	603.3	608.7	581.7	565.6	549.4	554.8
27.5°	538.6	538.6	544.0	544.0	549.4	549.4	554.8	544.0	522.5	517.1	517.1
30°	517.1	517.1	511.7	511.7	511.7	511.7	517.1	500.9	490.2	484.8	484.8
32.5°	495.6	490.2	484.8	484.8	479.4	479.4	484.8	468.6	463.2	463.2	463.2
35°	430.9	425.5	430.9	441.7	441.7	447.1	447.1	441.7	430.9	420.1	414.8
37.5°	404.0	398.6	398.6	398.6	409.4	414.8	420.1	409.4	393.2	377.1	377.1
40°	382.4	382.4	377.1	377.1	377.1	387.8	398.6	382.4	360.9	355.5	355.5
42.5°	366.3	360.9	355.5	350.1	344.7	360.9	371.7	350.1	339.3	339.3	339.3
45°	350.1	344.7	339.3	334.0	328.6	334.0	344.7	323.2	317.8	317.8	317.8
47.5°	334.0	328.6	317.8	312.4	307.0	307.0	317.8	301.6	296.3	301.6	301.6
50°	323.2	312.4	301.6	296.3	290.9	290.9	290.9	285.5	285.5	285.5	290.9
52.5°	312.4	301.6	285.5	280.1	274.7	274.7	274.7	274.7	269.3	274.7	280.1
55°	296.3	285.5	274.7	269.3	263.9	258.6	263.9	258.6	258.6	263.9	263.9
57.5°	274.7	263.9	253.2	253.2	247.8	247.8	253.2	247.8	247.8	253.2	253.2
60°	258.6	247.8	237.0	237.0	231.6	237.0	242.4	237.0	237.0	237.0	242.4
62.5°	237.0	231.6	220.8	220.8	220.8	220.8	226.2	220.8	226.2	226.2	226.2
65°	220.8	210.1	204.7	204.7	204.7	204.7	215.5	204.7	210.1	210.1	210.1
67.5°	204.7	193.9	188.5	188.5	188.5	188.5	199.3	188.5	193.9	199.3	193.9
70°	188.5	177.8	172.4	172.4	172.4	172.4	177.8	172.4	172.4	177.8	177.8
72.5°	167.0	161.6	156.2	156.2	150.8	156.2	161.6	156.2	156.2	156.2	156.2
75°	150.8	145.4	145.4	140.0	140.0	140.0	145.4	134.7	134.7	134.7	134.7
77.5°	140.0	129.3	129.3	129.3	123.9	129.3	123.9	113.1	113.1	113.1	113.1
80°	118.5	107.7	113.1	113.1	107.7	107.7	102.3	91.6	91.6	91.6	91.6
82.5°	97.0	86.2	91.6	91.6	91.6	91.6	80.8	75.4	70.0	64.6	64.6
85°	86.2	70.0	80.8	80.8	75.4	75.4	53.9	53.9	43.1	43.1	37.7
87.5°	16.2	10.8	21.5	26.9	26.9	32.3	21.5	26.9	16.2	10.8	10.8
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9
2.5°	3415.0	3474.3	3555.1	3614.3	3705.9	3775.9	3883.6	3975.2	4061.4	4099.1	4136.8
5°	2865.6	2903.3	3027.2	3124.1	3269.6	3425.8	3619.7	3829.8	4045.2	4142.2	4255.3
7.5°	2143.8	2213.8	2283.9	2423.9	2601.7	2854.8	3102.6	3415.0	3716.7	3862.1	4056.0
10°	1664.4	1718.3	1799.1	1944.5	2111.5	2321.6	2617.8	2989.5	3350.4	3538.9	3738.2
12.5°	1335.8	1411.3	1519.0	1669.8	1863.7	2079.2	2294.6	2639.4	3059.5	3275.0	3501.2
15°	1082.7	1141.9	1260.4	1449.0	1675.2	1896.0	2122.3	2407.7	2865.6	3113.4	3382.7
17.5°	861.8	904.9	1012.7	1201.2	1427.4	1675.2	1933.7	2294.6	2801.0	3102.6	3420.4
20°	700.2	732.6	802.6	942.6	1158.1	1427.4	1750.6	2186.9	2838.7	3226.5	3614.3
22.5°	614.1	624.8	657.1	732.6	910.3	1195.8	1583.6	2095.3	2908.7	3409.6	3932.1
25°	554.8	565.6	576.4	624.8	727.2	996.5	1438.2	2041.5	3059.5	3679.0	4298.4
27.5°	517.1	527.9	533.3	554.8	624.8	851.1	1314.3	2009.1	3264.2	4072.2	4750.9
30°	484.8	484.8	500.9	533.3	581.7	748.7	1206.6	1933.7	3479.7	4400.7	5106.4
32.5°	457.8	463.2	484.8	500.9	533.3	662.5	1098.8	1836.8	3673.6	4670.1	5456.5
35°	409.4	409.4	414.8	441.7	484.8	592.5	1001.9	1739.8	3781.3	4934.0	5768.9
37.5°	377.1	382.4	393.2	414.8	452.5	544.0	921.1	1632.1	3894.4	5181.8	6135.2
40°	355.5	360.9	371.7	393.2	430.9	500.9	851.1	1545.9	4012.9	5451.1	6528.4
42.5°	339.3	344.7	355.5	377.1	409.4	490.2	775.7	1475.9	4082.9	5698.9	6900.1
45°	323.2	328.6	344.7	366.3	393.2	479.4	732.6	1427.4	4109.9	5865.9	7196.3
47.5°	307.0	312.4	328.6	360.9	393.2	463.2	716.4	1400.5	4131.4	6054.4	7433.3
50°	290.9	301.6	323.2	355.5	398.6	441.7	705.6	1395.1	4255.3	6296.8	7659.5
52.5°	280.1	296.3	317.8	355.5	393.2	409.4	700.2	1411.3	4503.1	6657.7	7982.7
55°	269.3	285.5	307.0	355.5	377.1	382.4	673.3	1438.2	4880.1	7158.6	8440.6
57.5°	258.6	269.3	296.3	344.7	355.5	360.9	619.4	1475.9	5257.2	7648.8	8909.2
60°	242.4	253.2	280.1	344.7	323.2	339.3	549.4	1486.7	5526.5	7805.0	8952.3
62.5°	226.2	237.0	263.9	355.5	296.3	317.8	490.2	1449.0	5580.4	7578.8	8709.9
65°	210.1	220.8	242.4	296.3	274.7	296.3	452.5	1346.6	5402.6	7061.7	8268.2
67.5°	193.9	204.7	220.8	242.4	247.8	269.3	436.3	1185.0	4955.5	6420.7	7664.9
70°	172.4	183.1	199.3	215.5	220.8	253.2	409.4	1028.8	4233.8	5564.2	6927.0
72.5°	156.2	161.6	177.8	188.5	199.3	231.6	393.2	899.5	3237.3	4503.1	5650.4
75°	134.7	134.7	150.8	161.6	172.4	204.7	360.9	748.7	2283.9	3436.6	4153.0
77.5°	113.1	113.1	123.9	134.7	145.4	177.8	307.0	608.7	1583.6	2725.5	3011.0
80°	86.2	86.2	97.0	107.7	118.5	150.8	247.8	447.1	980.3	1993.0	2192.3
82.5°	59.3	59.3	75.4	80.8	86.2	118.5	188.5	307.0	576.4	1438.2	1567.5
85°	32.3	32.3	43.1	48.5	59.3	86.2	140.0	215.5	344.7	1039.6	1045.0
87.5°	5.4	5.4	16.2	16.2	26.9	43.1	80.8	118.5	193.9	576.4	366.3
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: P598620
 CATALOG NUMBER: IFLD-S-SA2E-727-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9	3845.9
2.5°	4206.8	4266.1	4271.5	4271.5	4244.5	4249.9	4174.5	4093.7	4066.8	4061.4
5°	4427.7	4583.9	4627.0	4648.5	4578.5	4470.8	4276.8	4066.8	3959.0	3942.9
7.5°	4384.6	4697.0	4864.0	4885.5	4745.5	4492.3	4153.0	3829.8	3705.9	3673.6
10°	4131.4	4551.6	4853.2	4928.6	4777.8	4454.6	4012.9	3635.9	3485.0	3458.1
12.5°	3953.7	4357.6	4653.9	4756.2	4686.2	4406.1	3942.9	3512.0	3361.2	3323.4
15°	3856.7	4228.4	4422.3	4454.6	4449.2	4330.7	3942.9	3538.9	3371.9	3328.8
17.5°	3937.5	4190.7	4217.6	4142.2	4185.3	4244.5	4029.1	3684.3	3522.7	3485.0
20°	4099.1	4174.5	4045.2	3932.1	3953.7	4142.2	4163.7	3959.0	3829.8	3765.1
22.5°	4438.4	4233.8	3937.5	3781.3	3797.5	4061.4	4341.5	4330.7	4217.6	4185.3
25°	4783.2	4400.7	3905.2	3722.0	3743.6	4045.2	4551.6	4745.5	4686.2	4670.1
27.5°	5165.6	4680.8	3926.7	3695.1	3722.0	4066.8	4697.0	5095.6	5106.4	5090.2
30°	5424.2	4815.5	3991.4	3727.4	3765.1	4120.6	4729.3	5305.7	5402.6	5408.0
32.5°	5639.6	4950.2	4126.0	3781.3	3845.9	4217.6	4815.5	5505.0	5720.4	5725.8
35°	5812.0	5101.0	4293.0	3878.3	3975.2	4379.2	4928.6	5693.5	6016.7	6054.4
37.5°	6032.8	5268.0	4486.9	4088.3	4196.1	4610.8	5127.9	5914.3	6366.8	6469.1
40°	6269.8	5434.9	4767.0	4427.7	4583.9	4955.5	5354.1	6162.1	6663.1	6803.1
42.5°	6533.8	5612.7	5084.8	4885.5	5122.5	5391.8	5612.7	6388.3	6889.3	7050.9
45°	6792.3	5828.2	5548.1	5510.3	5774.3	5908.9	5865.9	6549.9	7104.7	7266.3
47.5°	6975.5	6140.6	6108.2	6334.5	6582.3	6512.2	6162.1	6668.4	7282.5	7460.2
50°	7142.4	6528.4	6813.9	7255.6	7406.4	7169.4	6479.9	6830.0	7471.0	7670.3
52.5°	7390.2	6943.1	7541.0	8090.5	8235.9	7858.8	6824.6	7094.0	7761.9	7939.6
55°	7896.6	7411.8	8300.5	8930.8	8957.7	8489.1	7287.9	7541.0	8171.3	8375.9
57.5°	8462.1	7988.1	8903.8	9625.6	9614.8	9119.3	7810.4	8144.3	8726.1	8866.1
60°	8973.8	8569.9	9561.0	10121.2	10094.2	9577.1	8419.0	8828.4	9361.7	9469.4
62.5°	9275.5	9097.7	9851.8	10277.4	10175.0	9727.9	8936.1	9437.1	9814.1	9851.8
65°	9227.0	9399.4	9512.5	9776.4	9631.0	9307.8	9189.3	9824.9	9862.6	9824.9
67.5°	8860.7	9227.0	8580.6	8607.6	8532.2	8257.4	8796.1	9722.6	9464.0	9372.4
70°	8305.9	8332.9	7174.8	6835.4	6953.9	6576.9	7546.4	8925.4	8526.8	8413.7
72.5°	7384.8	7050.9	5424.2	5079.4	5257.2	4987.9	6054.4	7778.0	7390.2	7023.9
75°	6194.4	5585.8	4131.4	3641.2	3732.8	3722.0	4691.6	6426.0	5725.8	5359.5
77.5°	4799.3	4352.3	3048.7	2860.2	2763.3	2784.8	3275.0	4777.8	4153.0	3695.1
80°	3506.6	3043.4	2359.3	2467.0	2413.1	2283.9	2294.6	3199.6	2887.1	2612.4
82.5°	2423.9	2165.4	1912.2	2160.0	2030.7	1831.4	1788.3	2305.4	2165.4	1998.4
85°	1626.7	1782.9	1519.0	1653.6	1432.8	1319.7	1680.6	1928.4	1556.7	1389.7
87.5°	1061.1	1632.1	1093.5	829.5	474.0	635.6	1028.8	1265.8	727.2	393.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)