

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: P599138

Luminaire Tested: **IFLD-S-SA2A-727-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: P599138
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2A-727-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (32) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

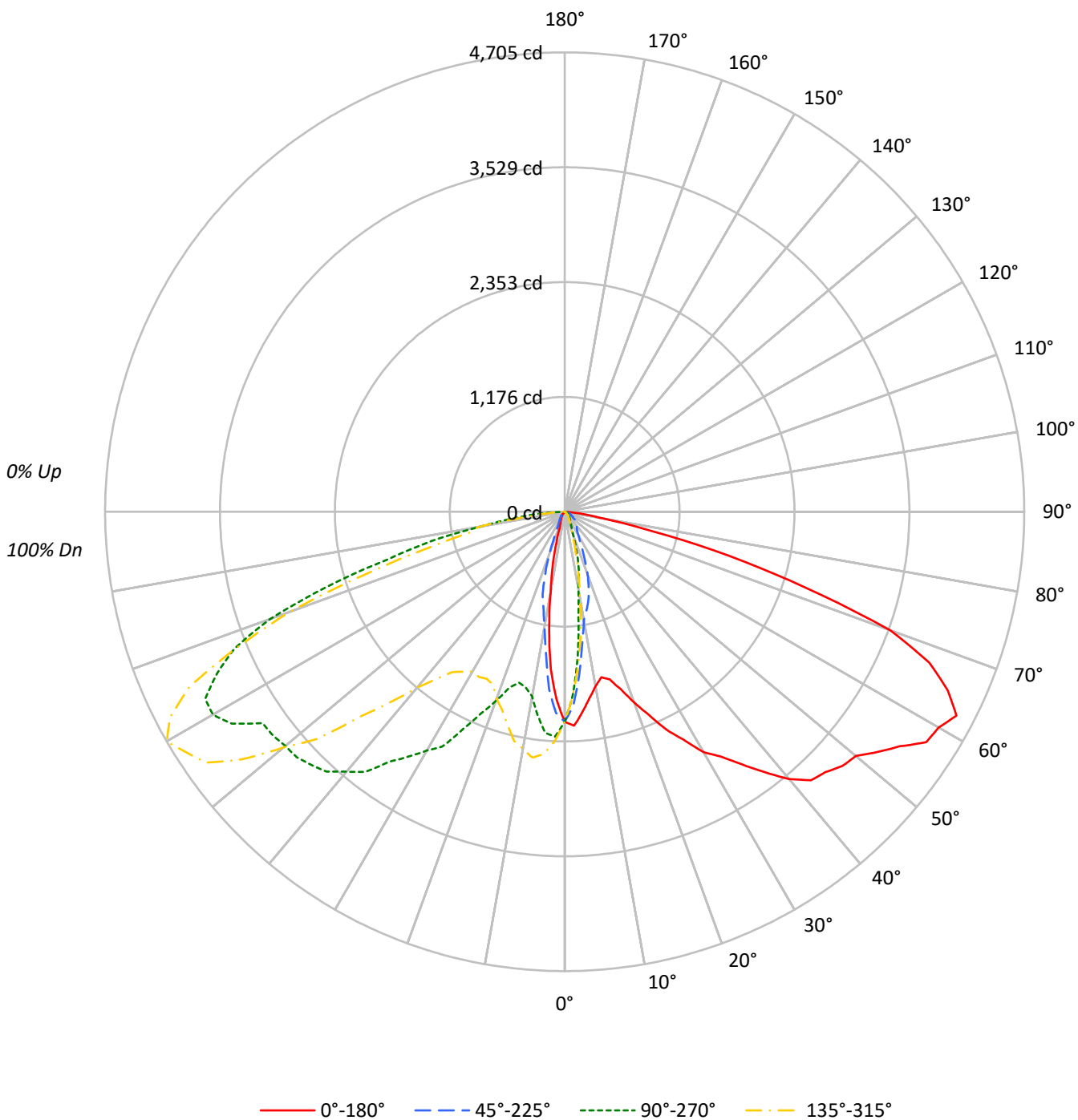
Lumens per Lamp: N/A
 Luminaire Lumens: 5624.0 lumens
 Efficiency: N/A
 Efficacy: 88.2 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 63.8
 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



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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°	46287	46287	46287	46287
5°	44562	32571	35060	49118
10°	39676	17733	17964	41995
15°	39607	11828	7232	40349
20°	47555	5906	2882	47276
25°	58490	3710	2233	58203
30°	70672	2978	1695	70219
35°	82923	2392	1314	82088
40°	100391	2046	852	97623
45°	114854	1848	463	111666
50°	130305	1778	100	124973
55°	157183	1708	0	141704
60°	190302	1438	0	179008
65°	220358	1156	0	200278
70°	223134	957	0	201947
75°	144404	632	0	154876
80°	49255	186	0	109593
85°	24725	0	0	80523

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	162.9	2.9
10°-20°	315.4	5.6
20°-30°	439.2	7.8
30°-40°	624.1	11.1
40°-50°	865.5	15.4
50°-60°	1179.2	21.0
60°-70°	1296.5	23.1
70°-80°	637.2	11.3
80°-90°	104.1	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°	917.5	16.3
0°-40°	1541.6	27.4
0°-60°	3586.3	63.8
0°-90°	5624.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5624.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2150	2150	2150	2150	2150	
5°	2062	1507	1622	2273	2062	189
15°	1777	531	324	1810	1777	526
25°	2462	156	94	2450	2462	1145
35°	3155	91	50	3124	3155	2003
45°	3772	61	15	3668	3772	2924
55°	4188	46	0	3776	4188	3767
65°	4326	23	0	3932	4326	4180
75°	1736	8	0	1862	1736	1893
85°	100	0	0	326	100	138
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°	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1
2.5°	2194.0	2219.8	2195.5	2110.6	2095.5	2054.5	1992.4	1987.8	1922.6	1930.2	1895.3
5°	2062.1	2087.9	2036.3	1924.1	1819.5	1736.1	1686.1	1596.6	1576.9	1532.9	1532.9
7.5°	1927.2	1925.7	1837.7	1743.7	1587.5	1434.4	1364.6	1235.8	1159.9	1119.0	1079.6
10°	1815.0	1790.7	1736.1	1542.0	1372.2	1213.0	1126.6	1041.7	962.8	894.6	826.4
12.5°	1736.1	1751.3	1664.9	1454.1	1234.2	1123.5	1031.1	941.6	847.6	770.3	694.4
15°	1777.1	1752.8	1651.2	1434.4	1211.5	1059.9	937.0	827.9	723.3	621.7	564.0
17.5°	1904.4	1842.3	1722.5	1434.4	1164.5	962.8	814.2	685.4	573.1	482.2	410.9
20°	2075.8	2004.5	1875.6	1487.5	1129.6	891.6	688.4	526.1	409.4	324.5	269.9
22.5°	2251.6	2195.5	2001.5	1508.7	1088.7	796.0	542.8	380.6	272.9	218.3	191.0
25°	2462.4	2383.6	2171.3	1593.6	1028.0	703.5	427.6	265.3	203.2	174.4	157.7
27.5°	2630.7	2617.1	2330.5	1645.1	982.5	627.7	338.1	210.8	168.3	147.1	136.5
30°	2843.0	2768.7	2524.6	1748.2	931.0	541.3	282.0	189.5	154.7	131.9	124.3
32.5°	2970.4	2935.5	2626.2	1805.9	873.4	470.0	242.6	166.8	141.0	124.3	116.8
35°	3155.3	3085.6	2771.7	1842.3	843.0	429.1	218.3	151.6	118.3	101.6	92.5
37.5°	3361.6	3335.8	2946.1	1840.7	799.1	404.8	201.7	141.0	112.2	94.0	83.4
40°	3572.3	3467.7	3052.2	1883.2	776.3	386.6	189.5	134.9	106.1	89.5	75.8
42.5°	3730.0	3610.2	3175.1	1868.0	749.0	354.8	185.0	125.8	101.6	81.9	69.7
45°	3772.5	3730.0	3285.7	1863.5	729.3	329.0	177.4	124.3	98.6	77.3	65.2
47.5°	3854.3	3825.5	3422.2	1871.1	714.2	309.3	159.2	127.4	94.0	72.8	62.2
50°	3890.7	3839.2	3532.9	1889.3	679.3	285.1	142.5	133.4	92.5	71.3	59.1
52.5°	4040.8	3995.3	3684.5	1940.8	650.5	253.2	125.8	127.4	95.5	66.7	56.1
55°	4187.9	4136.4	3918.0	2059.1	609.5	227.4	107.7	112.2	91.0	60.7	50.0
57.5°	4389.6	4304.7	4074.2	2107.6	573.1	192.6	95.5	92.5	84.9	54.6	44.0
60°	4419.9	4454.8	4051.5	2077.3	535.2	169.8	83.4	71.3	91.0	48.5	37.9
62.5°	4521.5	4375.9	3945.3	2007.5	507.9	156.2	74.3	59.1	78.8	42.5	31.8
65°	4325.9	4218.2	3696.6	1783.1	473.1	157.7	65.2	48.5	50.0	34.9	25.8
67.5°	4039.3	3954.4	3284.2	1539.0	438.2	154.7	57.6	42.5	37.9	30.3	22.7
70°	3545.0	3361.6	2789.9	1249.4	386.6	144.0	48.5	37.9	31.8	24.3	16.7
72.5°	2579.2	2504.9	2001.5	965.9	347.2	130.4	45.5	31.8	27.3	18.2	13.6
75°	1736.1	1613.3	1263.0	633.8	279.0	113.7	37.9	28.8	21.2	13.6	10.6
77.5°	917.3	867.3	715.7	301.7	154.7	53.1	21.2	16.7	12.1	10.6	6.1
80°	397.3	353.3	309.3	122.8	54.6	24.3	13.6	9.1	7.6	6.1	3.0
82.5°	203.2	194.1	160.7	53.1	31.8	18.2	7.6	6.1	4.5	3.0	1.5
85°	100.1	103.1	84.9	16.7	18.2	10.6	1.5	1.5	0.0	0.0	0.0
87.5°	7.6	7.6	6.1	3.0	4.5	1.5	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°	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1
2.5°	1881.7	1902.9	1866.5	1889.3	1878.6	1883.2	1887.7	1875.6	1878.6	1921.1	1922.6
5°	1507.2	1548.1	1532.9	1554.2	1590.6	1572.4	1589.0	1586.0	1589.0	1595.1	1622.4
7.5°	1075.0	1062.9	1091.7	1147.8	1213.0	1252.4	1232.7	1222.1	1216.0	1200.9	1219.1
10°	811.2	805.1	797.6	814.2	856.7	900.7	924.9	884.0	861.2	832.4	821.8
12.5°	673.2	635.3	614.1	588.3	600.4	639.9	641.4	602.0	565.6	550.4	567.1
15°	530.7	504.9	467.0	430.6	412.4	442.7	417.0	379.1	332.1	326.0	324.5
17.5°	379.1	363.9	336.6	321.4	300.2	292.6	265.3	207.7	174.4	165.3	168.3
20°	257.8	245.6	244.1	230.5	221.4	215.3	171.3	133.4	122.8	124.3	125.8
22.5°	191.0	185.0	177.4	175.9	168.3	160.7	125.8	112.2	104.6	104.6	109.2
25°	156.2	153.1	145.6	142.5	139.5	128.9	106.1	95.5	92.5	89.5	94.0
27.5°	133.4	131.9	127.4	122.8	119.8	109.2	92.5	83.4	80.4	80.4	80.4
30°	119.8	119.8	113.7	104.6	104.6	92.5	78.8	72.8	69.7	69.7	68.2
32.5°	112.2	109.2	101.6	95.5	91.0	78.8	69.7	63.7	59.1	59.1	60.7
35°	91.0	91.0	89.5	84.9	78.8	66.7	59.1	53.1	50.0	48.5	50.0
37.5°	80.4	75.8	69.7	71.3	68.2	57.6	50.0	45.5	40.9	40.9	40.9
40°	72.8	68.2	62.2	57.6	56.1	51.6	44.0	36.4	31.8	30.3	30.3
42.5°	65.2	62.2	53.1	45.5	44.0	44.0	33.4	27.3	22.7	22.7	22.7
45°	60.7	56.1	48.5	39.4	31.8	33.4	27.3	19.7	16.7	15.2	15.2
47.5°	57.6	53.1	42.5	33.4	24.3	24.3	19.7	13.6	10.6	9.1	9.1
50°	53.1	48.5	37.9	27.3	18.2	15.2	12.1	7.6	4.5	3.0	3.0
52.5°	50.0	45.5	33.4	22.7	15.2	10.6	7.6	1.5	0.0	0.0	0.0
55°	45.5	39.4	28.8	18.2	12.1	6.1	1.5	0.0	0.0	0.0	0.0
57.5°	39.4	34.9	22.7	13.6	7.6	1.5	0.0	0.0	0.0	0.0	0.0
60°	33.4	28.8	18.2	10.6	3.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	27.3	24.3	13.6	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	22.7	18.2	10.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	19.7	15.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	15.2	10.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	10.6	7.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	7.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	4.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.5	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°	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1
2.5°	1928.7	1974.2	2016.6	2028.8	2062.1	2154.6	2154.6	2198.6	2277.4	2306.2	2312.3
5°	1626.9	1675.5	1684.6	1778.6	1822.5	1916.6	1978.7	2127.3	2216.8	2272.9	2307.8
7.5°	1237.3	1253.9	1288.8	1376.8	1463.2	1576.9	1695.2	1884.7	2042.4	2106.1	2224.4
10°	850.6	900.7	976.5	1055.3	1190.3	1316.1	1469.3	1648.2	1842.3	1921.1	2022.7
12.5°	573.1	642.9	764.2	876.4	1000.7	1128.1	1273.7	1513.2	1733.1	1842.3	1943.8
15°	335.1	420.0	524.6	706.6	871.9	1014.4	1159.9	1402.5	1669.4	1810.4	1934.7
17.5°	169.8	195.6	282.0	439.7	658.1	891.6	1108.4	1417.7	1717.9	1890.8	1993.9
20°	127.4	134.9	159.2	233.5	450.3	736.9	1059.9	1440.4	1852.9	2063.6	2119.7
22.5°	110.7	116.8	127.4	151.6	253.2	564.0	991.6	1496.6	2036.3	2235.0	2353.2
25°	94.0	100.1	109.2	124.3	162.2	383.6	908.2	1555.7	2200.1	2450.3	2561.0
27.5°	81.9	86.4	95.5	107.7	131.9	244.1	764.2	1634.5	2450.3	2711.1	2739.9
30°	69.7	74.3	81.9	95.5	112.2	172.9	561.0	1645.1	2588.3	2824.8	2905.2
32.5°	60.7	62.2	71.3	83.4	94.0	136.5	394.2	1655.8	2689.8	2971.9	2988.6
35°	50.0	53.1	62.2	69.7	81.9	107.7	298.7	1602.7	2821.8	3123.5	3119.0
37.5°	40.9	45.5	51.6	57.6	66.7	91.0	238.1	1504.1	2987.0	3358.5	3216.0
40°	31.8	36.4	42.5	50.0	56.1	81.9	178.9	1355.5	3159.9	3473.8	3322.1
42.5°	22.7	25.8	31.8	39.4	50.0	68.2	128.9	1179.7	3228.1	3608.7	3449.5
45°	16.7	19.7	24.3	33.4	51.6	54.6	89.5	1018.9	3300.9	3667.8	3420.7
47.5°	9.1	12.1	18.2	28.8	45.5	40.9	63.7	874.9	3384.3	3720.9	3443.4
50°	3.0	4.5	10.6	30.3	36.4	31.8	50.0	797.6	3466.2	3731.5	3488.9
52.5°	0.0	0.0	6.1	31.8	27.3	24.3	44.0	767.2	3444.9	3764.9	3460.1
55°	0.0	0.0	1.5	13.6	15.2	18.2	36.4	765.7	3595.1	3775.5	3617.8
57.5°	0.0	0.0	0.0	4.5	9.1	15.2	31.8	717.2	3690.6	4039.3	3830.1
60°	0.0	0.0	0.0	1.5	6.1	10.6	24.3	674.7	3787.6	4157.6	4057.5
62.5°	0.0	0.0	0.0	0.0	1.5	4.5	16.7	609.5	3592.0	4148.5	4277.4
65°	0.0	0.0	0.0	0.0	0.0	0.0	10.6	482.2	3231.2	3931.7	4156.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	6.1	333.6	2829.3	3658.7	3933.2
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	201.7	2283.5	3208.4	3335.8
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.4	1630.0	2547.3	2736.9
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.9	1008.3	1862.0	2095.5
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	653.5	1410.1	1590.6
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	348.7	884.0	1028.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	151.6	536.8	618.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.5	326.0	371.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	66.7
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: P599138
 CATALOG NUMBER: IFLD-S-SA2A-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1
2.5°	2315.3	2359.3	2376.0	2350.2	2353.2	2300.2	2292.6	2218.3	2188.0	2194.0
5°	2421.5	2485.2	2520.0	2491.2	2426.0	2324.4	2231.9	2144.0	2089.4	2062.1
7.5°	2397.2	2468.5	2512.4	2539.7	2465.4	2301.7	2160.7	1995.4	1925.7	1927.2
10°	2263.8	2412.4	2501.8	2467.0	2432.1	2268.3	2050.0	1871.1	1808.9	1815.0
12.5°	2156.1	2321.4	2374.5	2401.8	2330.5	2200.1	2053.0	1848.3	1778.6	1736.1
15°	2089.4	2212.2	2215.3	2257.7	2228.9	2228.9	2084.9	1884.7	1824.1	1777.1
17.5°	2089.4	2116.7	2113.7	2128.8	2177.4	2235.0	2165.2	2031.8	1912.0	1904.4
20°	2136.4	2051.5	2031.8	2037.9	2078.8	2250.1	2342.6	2175.8	2100.0	2075.8
22.5°	2245.6	2059.1	1939.3	1918.1	2043.9	2248.6	2456.3	2403.3	2271.4	2251.6
25°	2395.7	2045.4	1915.0	1887.7	1983.3	2303.2	2612.5	2623.1	2503.3	2462.4
27.5°	2538.2	2106.1	1912.0	1905.9	2031.8	2291.1	2720.2	2799.0	2664.1	2630.7
30°	2586.7	2166.7	1968.1	1887.7	2050.0	2335.0	2717.1	2923.4	2835.4	2843.0
32.5°	2644.4	2227.4	1974.2	1942.3	2127.3	2406.3	2803.6	3123.5	3059.8	2970.4
35°	2729.3	2309.3	2031.8	2003.0	2181.9	2470.0	2821.8	3270.6	3260.0	3155.3
37.5°	2802.1	2389.6	2151.6	2156.1	2348.7	2573.1	2902.1	3451.0	3432.8	3361.6
40°	2853.6	2501.8	2338.1	2350.2	2494.3	2688.3	3044.7	3542.0	3676.9	3572.3
42.5°	2861.2	2601.9	2551.9	2648.9	2783.9	2867.3	3102.3	3604.2	3798.2	3730.0
45°	2890.0	2761.1	2900.6	2971.9	3082.6	3024.9	3099.2	3710.3	3807.3	3772.5
47.5°	3002.2	3050.7	3226.6	3443.4	3482.9	3293.3	3172.0	3727.0	3858.9	3854.3
50°	3119.0	3361.6	3608.7	3752.7	3802.8	3478.3	3240.3	3713.3	3927.1	3890.7
52.5°	3249.3	3631.4	3987.8	4165.2	4137.9	3683.0	3317.6	3824.0	4053.0	4040.8
55°	3331.2	3752.7	4231.9	4479.0	4457.8	3912.0	3563.2	3983.2	4218.2	4187.9
57.5°	3548.1	3949.9	4474.5	4589.7	4645.8	4212.2	3734.6	4244.0	4356.2	4389.6
60°	3727.0	4078.7	4538.2	4705.0	4724.7	4391.1	4034.8	4512.4	4532.1	4419.9
62.5°	3989.3	4128.8	4403.2	4553.3	4654.9	4492.7	4304.7	4656.4	4529.1	4521.5
65°	4181.8	3965.0	4151.5	4234.9	4300.1	4338.0	4576.1	4755.0	4473.0	4325.9
67.5°	4074.2	3655.7	3620.8	3625.4	3645.1	3874.0	4485.1	4513.9	4160.6	4039.3
70°	3586.0	2999.2	2952.2	2988.6	2890.0	3166.0	4116.7	4103.0	3670.9	3545.0
72.5°	2900.6	2186.4	2106.1	2156.1	2178.9	2471.5	3463.1	3111.4	2677.7	2579.2
75°	2304.7	1602.7	1352.5	1473.8	1551.1	1799.8	2705.0	2113.7	1869.6	1736.1
77.5°	1810.4	1213.0	1052.3	1003.8	1075.0	1308.5	1968.1	1109.9	979.5	917.3
80°	1147.8	891.6	967.4	897.6	928.0	934.0	1025.0	504.9	401.8	397.3
82.5°	691.4	609.5	724.8	398.8	726.3	649.0	426.1	229.0	203.2	203.2
85°	489.8	377.5	250.2	162.2	323.0	356.3	165.3	118.3	103.1	100.1
87.5°	245.6	116.8	56.1	36.4	40.9	66.7	19.7	9.1	9.1	7.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)