

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: P599370

Luminaire Tested: **IFLD-S-SA2A-722-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599370
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2A-722-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (32) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

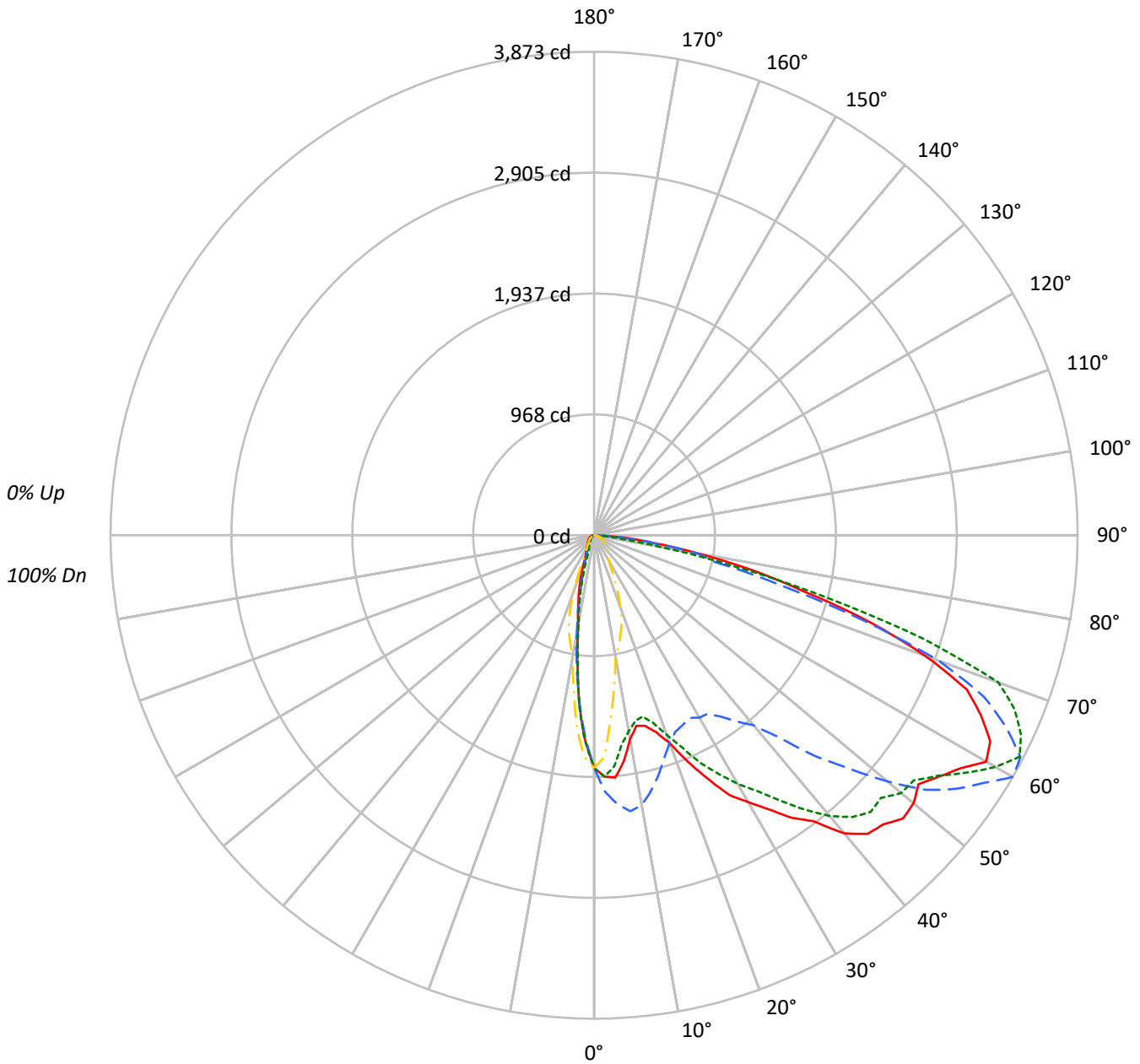
Lumens per Lamp: N/A
 Luminaire Lumens: 4953.0 lumens
 Efficiency: N/A
 Efficacy: 77.6 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

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



— 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	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	40091	40091	40091	40091
5°	42131	40102	29297	29470
10°	36228	34840	16019	15643
15°	35227	33487	10406	7841
20°	40605	38907	5576	2788
25°	51053	47754	3613	2169
30°	61320	57144	2926	1775
35°	72613	68130	2399	1424
40°	87610	82481	2119	1079
45°	99744	95396	1973	725
50°	111895	107554	1949	442
55°	126541	126095	1937	199
60°	156150	159853	1765	56
65°	174232	192153	1615	0
70°	177663	216871	1498	0
75°	144562	159966	1431	0
80°	105105	66896	1475	0
85°	67951	28084	1951	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.5	2.9
10°-20°	277.4	5.6
20°-30°	383.9	7.8
30°-40°	542.6	11.0
40°-50°	738.7	14.9
50°-60°	978.4	19.8
60°-70°	1136.0	22.9
70°-80°	643.3	13.0
80°-90°	111.2	2.2
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°	802.8	16.2
0°-40°	1345.4	27.2
0°-60°	3062.6	61.8
0°-90°	4953.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4953.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1862	1862	1862	1862	1862	
5°	1950	1856	1356	1364	1950	175
15°	1581	1502	467	352	1581	464
25°	2149	2010	152	91	2149	1002
35°	2763	2592	91	54	2763	1742
45°	3276	3133	65	24	3276	2540
55°	3372	3360	52	5	3372	3055
65°	3420	3772	32	0	3420	3334
75°	1738	1923	17	0	1738	1897
85°	275	114	8	0	275	331
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3
2.5°	1935.1	1976.1	1977.4	1995.9	2014.4	2014.4	2058.1	2047.5	2009.1	2002.5	1974.7
5°	1949.6	1964.2	1974.7	2068.6	2148.0	2140.1	2163.9	2148.0	2073.9	1978.7	1913.9
7.5°	1824.0	1839.8	1882.1	2042.2	2149.3	2185.0	2230.0	2130.8	2052.8	1880.8	1756.5
10°	1657.3	1687.7	1765.8	1948.3	2080.5	2194.3	2194.3	2114.9	1964.2	1796.2	1644.1
12.5°	1564.7	1625.6	1667.9	1853.0	2025.0	2103.0	2100.4	2058.1	1960.2	1748.6	1576.6
15°	1580.6	1597.8	1687.7	1831.9	1945.6	1941.7	1989.3	1976.1	1907.3	1790.9	1601.7
17.5°	1653.3	1679.8	1757.8	1831.9	1886.1	1870.2	1868.9	1932.4	1936.4	1862.3	1695.7
20°	1772.4	1850.4	1887.4	1909.9	1843.8	1776.3	1768.4	1857.0	1925.8	1953.6	1808.1
22.5°	1962.8	2014.4	2089.8	1974.7	1802.8	1718.1	1702.3	1800.1	1939.0	2062.0	1953.6
25°	2149.3	2189.0	2261.8	2113.6	1849.1	1706.2	1678.5	1763.1	1989.3	2212.8	2129.5
27.5°	2346.4	2380.8	2388.7	2215.5	1874.2	1682.4	1649.4	1763.1	2031.6	2292.2	2339.8
30°	2466.8	2507.8	2515.7	2305.4	1915.2	1702.3	1686.4	1771.0	2060.7	2359.6	2490.6
32.5°	2601.7	2612.3	2605.6	2321.3	1960.2	1760.5	1694.3	1824.0	2093.8	2440.3	2628.1
35°	2763.0	2781.6	2714.1	2394.0	2060.7	1797.5	1773.7	1888.8	2150.6	2477.3	2794.8
37.5°	2886.0	2944.2	2792.1	2421.8	2080.5	1875.5	1879.5	2023.7	2190.3	2522.3	2978.6
40°	3117.5	3019.6	2924.4	2517.0	2155.9	2007.8	1986.6	2162.6	2323.9	2551.4	3099.0
42.5°	3244.5	3192.9	2976.0	2526.3	2272.3	2190.3	2195.6	2319.9	2394.0	2633.4	3132.1
45°	3276.2	3222.0	3046.1	2532.9	2387.4	2405.9	2497.2	2521.0	2497.2	2687.6	3194.2
47.5°	3356.9	3239.2	3038.2	2621.5	2573.9	2645.3	2761.7	2813.3	2637.4	2667.8	3223.3
50°	3341.0	3273.6	3021.0	2658.6	2801.4	2990.5	3068.6	3047.4	2793.5	2626.8	3191.6
52.5°	3274.9	3202.2	3073.9	2759.1	3014.3	3243.2	3351.6	3298.7	2932.3	2719.4	3170.4
55°	3371.5	3315.9	3142.6	2895.3	3174.4	3465.4	3542.1	3502.4	3103.0	2805.4	3290.8
57.5°	3476.0	3464.1	3329.1	3055.3	3363.5	3694.2	3694.2	3645.3	3251.1	2929.7	3469.3
60°	3626.7	3653.2	3466.7	3161.2	3428.3	3681.0	3872.8	3815.9	3400.6	3147.9	3671.7
62.5°	3577.8	3662.5	3643.9	3388.7	3502.4	3745.8	3850.3	3892.6	3585.7	3413.8	3941.5
65°	3420.4	3510.3	3642.6	3538.1	3446.9	3588.4	3641.3	3769.6	3678.3	3663.8	4052.6
67.5°	3232.6	3330.5	3412.5	3638.6	3334.4	3428.3	3382.0	3423.0	3577.8	3937.6	4116.1
70°	2822.6	2916.5	3046.1	3415.1	3036.8	2952.2	2940.3	2920.4	3161.2	3839.7	3827.8
72.5°	2321.3	2364.9	2579.2	2776.3	2247.2	2231.3	2249.8	2227.4	2506.4	3476.0	3278.9
75°	1738.0	1781.6	1903.3	2132.1	1530.3	1439.1	1544.9	1649.4	1913.9	2698.2	2355.7
77.5°	1306.8	1362.3	1439.1	1595.1	1122.9	980.1	994.6	1093.8	1383.5	2161.2	1320.0
80°	847.8	841.2	989.4	1097.8	845.2	871.6	834.6	907.3	1002.6	1156.0	674.6
82.5°	489.4	496.0	558.2	629.6	588.6	673.2	485.4	810.8	715.6	470.9	251.3
85°	275.1	287.0	343.9	436.5	369.0	247.3	202.4	402.1	449.7	193.1	121.7
87.5°	27.8	23.8	46.3	165.3	100.5	41.0	60.8	96.6	108.5	72.7	35.7
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°	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3
2.5°	1935.1	1935.1	1902.0	1846.4	1824.0	1784.3	1730.0	1747.2	1728.7	1661.3	1644.1
5°	1855.7	1792.2	1723.4	1638.8	1589.8	1489.3	1457.6	1400.7	1410.0	1353.1	1355.7
7.5°	1690.4	1640.1	1523.7	1412.6	1316.0	1228.8	1105.7	1059.5	1014.5	992.0	1018.4
10°	1593.8	1499.9	1341.2	1195.7	1067.4	989.4	907.3	843.9	785.7	742.0	732.8
12.5°	1523.7	1440.4	1248.6	1071.4	970.8	907.3	832.0	744.7	687.8	612.4	589.9
15°	1502.5	1400.7	1198.3	1022.4	924.5	820.1	734.1	648.1	574.0	494.7	466.9
17.5°	1575.3	1457.6	1197.0	982.7	845.2	732.8	613.7	517.2	441.8	369.0	351.8
20°	1698.3	1518.4	1235.4	958.9	769.8	619.0	484.1	387.5	302.9	255.3	243.4
22.5°	1838.5	1621.6	1239.3	895.4	694.4	505.3	353.2	255.3	207.7	185.2	178.6
25°	2010.4	1786.9	1286.9	843.9	605.8	383.6	251.3	195.8	168.0	154.8	152.1
27.5°	2152.0	1902.0	1338.5	789.6	518.5	284.4	197.1	160.0	145.5	132.3	130.9
30°	2298.8	2034.3	1353.1	756.6	443.1	234.1	169.3	141.5	125.7	119.0	117.7
32.5°	2427.1	2178.4	1399.4	702.3	371.7	206.3	153.4	127.0	116.4	105.8	104.5
35°	2592.4	2261.8	1421.9	673.2	345.2	186.5	140.2	116.4	100.5	93.9	91.3
37.5°	2769.7	2342.4	1436.4	650.7	322.7	174.6	132.3	109.8	95.2	86.0	83.3
40°	2935.0	2456.2	1415.2	623.0	305.5	160.0	127.0	101.8	88.6	79.4	75.4
42.5°	3062.0	2567.3	1408.6	596.5	287.0	154.8	120.4	97.9	83.3	72.7	71.4
45°	3133.4	2642.7	1362.3	575.4	272.5	157.4	117.7	92.6	79.4	70.1	64.8
47.5°	3116.2	2700.9	1374.2	568.7	252.6	146.8	116.4	88.6	72.7	64.8	60.8
50°	3211.4	2818.6	1354.4	547.6	238.1	132.3	127.0	88.6	71.4	62.2	58.2
52.5°	3227.3	2925.7	1396.7	509.2	215.6	121.7	125.7	87.3	68.8	59.5	54.2
55°	3359.6	3050.1	1478.7	488.1	197.1	105.8	115.1	84.7	62.2	54.2	51.6
57.5°	3539.4	3308.0	1531.6	468.2	171.9	92.6	96.6	83.3	56.9	50.3	46.3
60°	3712.7	3411.1	1535.6	432.5	148.1	83.3	75.4	83.3	52.9	45.0	41.0
62.5°	3842.3	3411.1	1509.2	402.1	129.6	74.1	66.1	79.4	47.6	39.7	37.0
65°	3772.2	3319.9	1440.4	377.0	117.7	64.8	56.9	60.8	42.3	34.4	31.7
67.5°	3646.6	3035.5	1288.3	346.5	116.4	56.9	48.9	45.0	37.0	30.4	27.8
70°	3445.5	2651.9	1072.7	312.1	113.7	51.6	43.6	38.4	33.1	26.5	23.8
72.5°	2776.3	2190.3	880.9	292.3	111.1	45.0	37.0	33.1	27.8	22.5	19.8
75°	1923.2	1399.4	678.5	250.0	108.5	41.0	34.4	29.1	23.8	18.5	17.2
77.5°	1153.4	935.1	437.8	187.8	71.4	33.1	29.1	22.5	19.8	15.9	14.5
80°	539.6	441.8	177.2	72.7	34.4	23.8	19.8	17.2	15.9	13.2	11.9
82.5°	211.6	186.5	86.0	42.3	27.8	18.5	15.9	14.5	13.2	10.6	9.3
85°	113.7	100.5	41.0	29.1	19.8	13.2	13.2	11.9	10.6	9.3	7.9
87.5°	25.1	18.5	17.2	17.2	14.5	10.6	10.6	9.3	7.9	6.6	5.3
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°	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3
2.5°	1634.8	1654.6	1622.9	1642.7	1615.0	1636.1	1638.8	1618.9	1624.2	1650.7	1662.6
5°	1392.8	1379.5	1350.4	1341.2	1342.5	1325.3	1331.9	1341.2	1355.7	1363.7	1387.5
7.5°	1003.9	1034.3	1033.0	1055.5	1056.8	1054.2	1035.6	996.0	1009.2	998.6	1011.8
10°	718.2	731.4	756.6	771.1	797.6	783.0	740.7	724.8	716.9	715.6	728.8
12.5°	574.0	542.3	539.6	544.9	558.2	541.0	519.8	501.3	510.5	529.1	543.6
15°	444.4	418.0	383.6	378.3	380.9	373.0	350.5	326.7	333.3	351.8	362.4
17.5°	341.2	310.8	287.0	271.1	265.9	238.1	205.0	185.2	179.9	178.6	187.8
20°	230.1	224.9	220.9	201.0	201.0	161.4	133.6	119.0	119.0	121.7	123.0
22.5°	171.9	165.3	166.7	162.7	152.1	120.4	105.8	101.8	101.8	104.5	104.5
25°	149.5	140.2	137.6	136.2	125.7	103.2	92.6	88.6	88.6	91.3	91.3
27.5°	127.0	124.3	120.4	115.1	105.8	88.6	82.0	78.0	79.4	80.7	79.4
30°	116.4	109.8	104.5	104.5	93.9	79.4	74.1	71.4	68.8	71.4	72.7
32.5°	103.2	99.2	96.6	92.6	80.7	70.1	64.8	62.2	60.8	60.8	62.2
35°	88.6	88.6	86.0	80.7	70.1	63.5	56.9	54.2	52.9	54.2	54.2
37.5°	79.4	75.4	76.7	71.4	62.2	55.6	48.9	46.3	46.3	45.0	46.3
40°	74.1	67.5	63.5	60.8	55.6	47.6	42.3	39.7	38.4	38.4	38.4
42.5°	66.1	60.8	52.9	51.6	50.3	41.0	34.4	33.1	31.7	30.4	30.4
45°	62.2	54.2	47.6	41.0	41.0	34.4	29.1	26.5	25.1	23.8	25.1
47.5°	56.9	48.9	41.0	34.4	33.1	27.8	22.5	19.8	18.5	18.5	18.5
50°	54.2	43.6	35.7	29.1	25.1	22.5	17.2	14.5	13.2	13.2	13.2
52.5°	50.3	41.0	31.7	25.1	19.8	17.2	13.2	10.6	9.3	9.3	9.3
55°	45.0	37.0	27.8	21.2	17.2	13.2	9.3	6.6	5.3	5.3	5.3
57.5°	42.3	33.1	23.8	18.5	13.2	9.3	5.3	4.0	4.0	2.6	4.0
60°	38.4	29.1	19.8	14.5	10.6	6.6	4.0	1.3	1.3	1.3	1.3
62.5°	33.1	25.1	17.2	11.9	7.9	4.0	1.3	0.0	0.0	0.0	0.0
65°	27.8	19.8	13.2	9.3	5.3	1.3	0.0	0.0	0.0	0.0	0.0
67.5°	23.8	17.2	10.6	6.6	4.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	21.2	14.5	7.9	5.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	17.2	11.9	6.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	14.5	9.3	4.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	11.9	6.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	9.3	5.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	7.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.0	1.3	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

TEST NUMBER: P599370
 CATALOG NUMBER: IFLD-S-SA2A-722-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3	1862.3
2.5°	1679.8	1671.8	1711.5	1776.3	1809.4	1874.2	1890.1	1931.1	1920.5	1935.1
5°	1390.1	1406.0	1464.2	1559.4	1593.8	1687.7	1776.3	1865.0	1921.8	1949.6
7.5°	1031.7	1084.6	1156.0	1243.3	1331.9	1454.9	1605.7	1708.9	1764.4	1824.0
10°	768.5	825.3	907.3	993.3	1137.5	1275.0	1425.8	1554.1	1601.7	1657.3
12.5°	604.5	693.1	788.3	880.9	966.9	1097.8	1284.3	1470.8	1522.4	1564.7
15°	420.6	529.1	665.3	785.7	906.0	1019.8	1212.9	1439.1	1509.2	1580.6
17.5°	232.8	318.8	474.8	644.1	821.4	996.0	1236.7	1497.3	1603.1	1653.3
20°	134.9	169.3	280.4	481.4	715.6	944.4	1248.6	1607.0	1747.2	1772.4
22.5°	111.1	123.0	158.7	301.6	585.9	911.3	1309.4	1760.5	1903.3	1962.8
25°	95.2	104.5	123.0	181.2	443.1	841.2	1347.8	1952.2	2084.5	2149.3
27.5°	84.7	93.9	108.5	133.6	301.6	744.7	1411.3	2125.5	2257.8	2346.4
30°	74.1	82.0	96.6	113.7	209.0	636.2	1465.5	2252.5	2439.0	2466.8
32.5°	66.1	72.7	83.3	97.9	154.8	482.8	1509.2	2383.4	2540.8	2601.7
35°	56.9	64.8	71.4	83.3	117.7	363.7	1482.7	2485.3	2690.3	2763.0
37.5°	50.3	55.6	62.2	70.1	99.2	284.4	1428.5	2607.0	2818.6	2886.0
40°	42.3	46.3	54.2	62.2	89.9	219.6	1366.3	2753.8	2998.5	3117.5
42.5°	35.7	39.7	45.0	58.2	74.1	162.7	1240.7	2867.5	3144.0	3244.5
45°	27.8	33.1	41.0	58.2	59.5	120.4	1111.0	2952.2	3226.0	3276.2
47.5°	21.2	26.5	39.7	50.3	47.6	83.3	957.6	3048.7	3310.6	3356.9
50°	15.9	21.2	45.0	43.6	39.7	63.5	861.1	3116.2	3315.9	3341.0
52.5°	10.6	15.9	37.0	33.1	33.1	55.6	834.6	3113.5	3329.1	3274.9
55°	7.9	11.9	21.2	23.8	29.1	48.9	810.8	3212.7	3333.1	3371.5
57.5°	5.3	9.3	14.5	18.5	25.1	42.3	761.9	3331.8	3456.1	3476.0
60°	2.6	6.6	10.6	14.5	21.2	37.0	693.1	3419.1	3605.6	3626.7
62.5°	1.3	4.0	7.9	11.9	17.2	29.1	621.7	3280.2	3540.8	3577.8
65°	0.0	2.6	5.3	7.9	10.6	21.2	505.3	2961.4	3284.2	3420.4
67.5°	0.0	0.0	2.6	5.3	6.6	15.9	380.9	2694.3	3047.4	3232.6
70°	0.0	0.0	1.3	1.3	4.0	11.9	243.4	2231.3	2720.7	2822.6
72.5°	0.0	0.0	0.0	0.0	1.3	7.9	141.5	1657.3	2132.1	2321.3
75°	0.0	0.0	0.0	0.0	0.0	6.6	71.4	1066.1	1484.0	1738.0
77.5°	0.0	0.0	0.0	0.0	0.0	5.3	38.4	687.8	1093.8	1306.8
80°	0.0	0.0	0.0	0.0	0.0	1.3	22.5	399.4	699.7	847.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	9.3	195.8	418.0	489.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	2.6	104.5	209.0	275.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	14.5	27.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)