

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: P599486

Luminaire Tested: **IFLD-S-SA2A-740-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: P599486
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2A-740-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (32) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

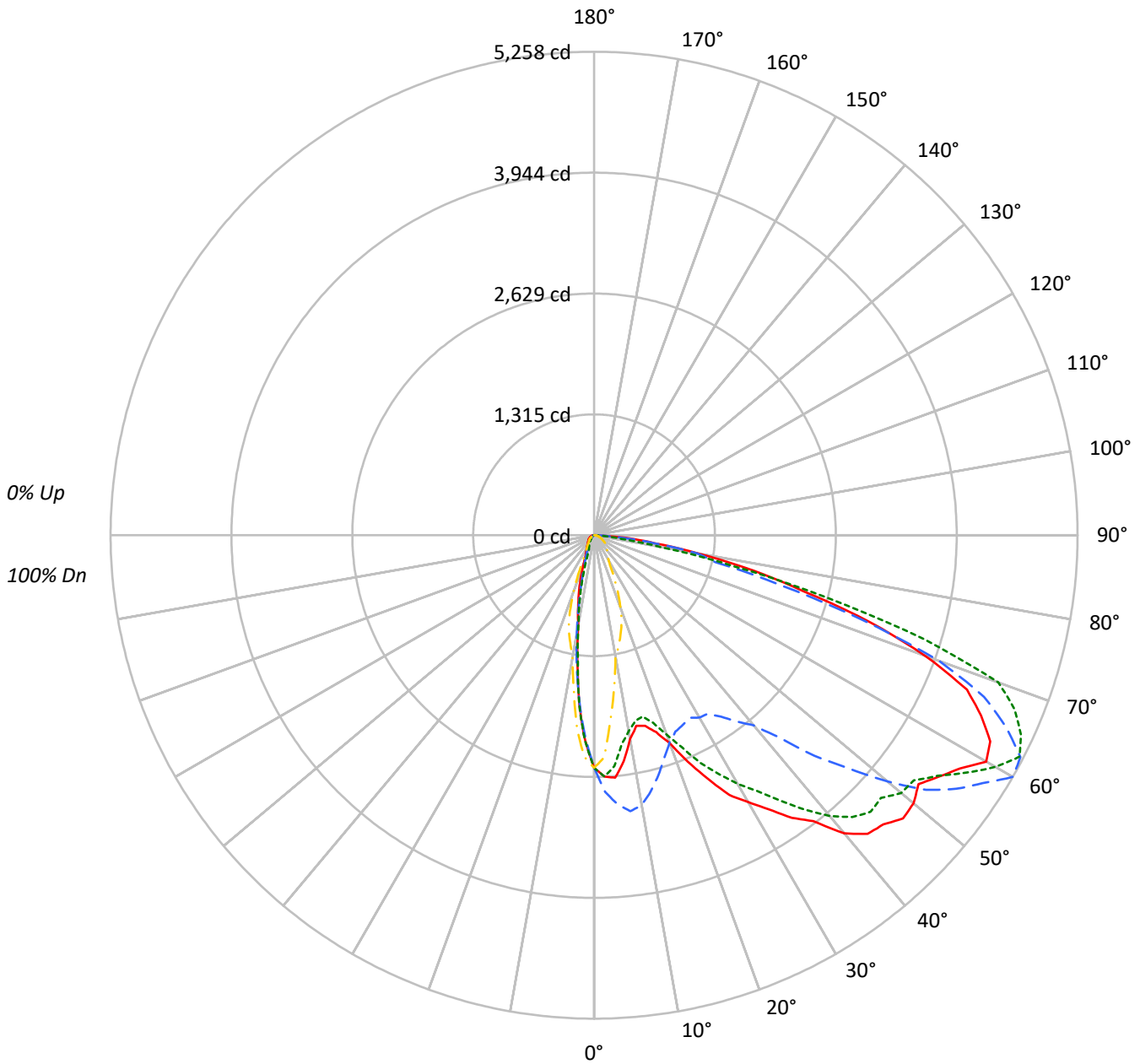
Lumens per Lamp: N/A
 Luminaire Lumens: 6724.2 lumens
 Efficiency: N/A
 Efficacy: 105.4 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

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				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	100				100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79				79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61				61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48				48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39				39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32				32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27				27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23				23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20				20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18				18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16				16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	54427	54427	54427	54427
5°	57198	54442	39773	40007
10°	49183	47298	21746	21235
15°	47824	45462	14128	10644
20°	55122	52820	7569	3785
25°	69310	64832	4905	2943
30°	83248	77577	3972	2411
35°	98581	92492	3256	1934
40°	118939	111975	2878	1464
45°	135413	129507	2679	983
50°	151910	146016	2646	603
55°	171791	171183	2627	270
60°	211989	217013	2398	78
65°	236536	260865	2195	0
70°	241192	294423	2033	0
75°	196256	217159	1938	0
80°	142694	90823	2008	0
85°	92256	38137	2668	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.1	2.9
10°-20°	376.6	5.6
20°-30°	521.2	7.8
30°-40°	736.6	11.0
40°-50°	1002.9	14.9
50°-60°	1328.3	19.8
60°-70°	1542.2	22.9
70°-80°	873.4	13.0
80°-90°	150.9	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°	1089.9	16.2
0°-40°	1826.5	27.2
0°-60°	4157.7	61.8
0°-90°	6724.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6724.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2528	2528	2528	2528	2528	
5°	2647	2519	1840	1851	2647	238
15°	2146	2040	634	478	2146	629
25°	2918	2729	206	124	2918	1361
35°	3751	3519	124	74	3751	2365
45°	4448	4254	88	32	4448	3448
55°	4577	4561	70	7	4577	4147
65°	4644	5121	43	0	4644	4527
75°	2360	2611	23	0	2360	2575
85°	374	154	11	0	374	449
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°	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2
2.5°	2627.0	2682.7	2684.5	2709.6	2734.7	2734.7	2794.0	2779.6	2727.6	2718.6	2680.9
5°	2646.8	2666.5	2680.9	2808.4	2916.1	2905.3	2937.7	2916.1	2815.5	2686.3	2598.3
7.5°	2476.2	2497.7	2555.2	2772.5	2917.9	2966.4	3027.4	2892.8	2786.8	2553.4	2384.6
10°	2249.9	2291.2	2397.2	2645.0	2824.5	2979.0	2979.0	2871.2	2666.5	2438.5	2232.0
12.5°	2124.2	2206.8	2264.3	2515.7	2749.1	2855.1	2851.5	2794.0	2661.1	2373.8	2140.4
15°	2145.8	2169.1	2291.2	2486.9	2641.4	2636.0	2700.6	2682.7	2589.3	2431.3	2174.5
17.5°	2244.5	2280.5	2386.4	2486.9	2560.6	2539.0	2537.2	2623.4	2628.8	2528.2	2302.0
20°	2406.1	2512.1	2562.4	2592.9	2503.1	2411.5	2400.8	2521.1	2614.4	2652.1	2454.6
22.5°	2664.7	2734.7	2837.1	2680.9	2447.4	2332.5	2311.0	2443.9	2632.4	2799.4	2652.1
25°	2917.9	2971.8	3070.5	2869.4	2510.3	2316.4	2278.7	2393.6	2700.6	3004.1	2891.0
27.5°	3185.4	3232.1	3242.9	3007.7	2544.4	2284.0	2239.2	2393.6	2758.1	3111.8	3176.5
30°	3348.9	3404.5	3415.3	3129.8	2600.1	2311.0	2289.4	2404.3	2797.6	3203.4	3381.2
32.5°	3532.0	3546.4	3537.4	3151.3	2661.1	2390.0	2300.2	2476.2	2842.5	3312.9	3567.9
35°	3751.1	3776.2	3684.6	3250.1	2797.6	2440.3	2407.9	2564.2	2919.7	3363.2	3794.2
37.5°	3918.1	3997.1	3790.6	3287.8	2824.5	2546.2	2551.6	2747.3	2973.6	3424.3	4043.8
40°	4232.3	4099.4	3970.1	3417.1	2926.9	2725.8	2697.0	2935.9	3154.9	3463.8	4207.2
42.5°	4404.7	4334.7	4040.2	3429.7	3084.9	2973.6	2980.7	3149.5	3250.1	3575.1	4252.1
45°	4447.8	4374.2	4135.3	3438.6	3241.1	3266.3	3390.2	3422.5	3390.2	3648.7	4336.4
47.5°	4557.3	4397.5	4124.6	3558.9	3494.3	3591.3	3749.3	3819.3	3580.5	3621.8	4376.0
50°	4535.8	4444.2	4101.2	3609.2	3803.1	4059.9	4165.9	4137.1	3792.4	3566.1	4332.9
52.5°	4446.0	4347.2	4173.0	3745.7	4092.2	4402.9	4550.1	4478.3	3980.9	3691.8	4304.1
55°	4577.1	4501.6	4266.4	3930.6	4309.5	4704.6	4808.7	4754.8	4212.6	3808.5	4467.5
57.5°	4718.9	4702.8	4519.6	4147.9	4566.3	5015.2	5015.2	4948.8	4413.7	3977.3	4709.9
60°	4923.6	4959.5	4706.3	4291.6	4654.3	4997.2	5257.6	5180.4	4616.6	4273.6	4984.7
62.5°	4857.2	4972.1	4947.0	4600.4	4754.8	5085.2	5227.1	5284.5	4868.0	4634.5	5351.0
65°	4643.5	4765.6	4945.2	4803.3	4679.4	4871.5	4943.4	5117.5	4993.6	4973.9	5501.8
67.5°	4388.5	4521.4	4632.7	4939.8	4526.8	4654.3	4591.4	4647.1	4857.2	5345.6	5588.0
70°	3831.9	3959.4	4135.3	4636.3	4122.8	4007.8	3991.7	3964.8	4291.6	5212.7	5196.6
72.5°	3151.3	3210.6	3501.5	3769.0	3050.8	3029.2	3054.4	3023.8	3402.7	4718.9	4451.4
75°	2359.5	2418.7	2583.9	2894.6	2077.5	1953.6	2097.3	2239.2	2598.3	3663.1	3198.0
77.5°	1774.1	1849.5	1953.6	2165.5	1524.5	1330.6	1350.3	1485.0	1878.2	2934.1	1792.0
80°	1151.0	1142.0	1343.1	1490.4	1147.4	1183.3	1133.0	1231.8	1361.1	1569.4	915.8
82.5°	664.4	673.4	757.8	854.7	799.1	914.0	659.0	1100.7	971.4	639.2	341.2
85°	373.5	389.7	466.9	592.6	501.0	335.8	274.7	545.9	610.5	262.2	165.2
87.5°	37.7	32.3	62.8	224.5	136.5	55.7	82.6	131.1	147.2	98.8	48.5
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°	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2
2.5°	2627.0	2627.0	2582.1	2506.7	2476.2	2422.3	2348.7	2372.0	2346.9	2255.3	2232.0
5°	2519.3	2433.1	2339.7	2224.8	2158.3	2021.9	1978.8	1901.6	1914.1	1836.9	1840.5
7.5°	2294.8	2226.6	2068.6	1917.7	1786.7	1668.1	1501.1	1438.3	1377.2	1346.7	1382.6
10°	2163.7	2036.2	1820.8	1623.3	1449.1	1343.1	1231.8	1145.6	1066.6	1007.3	994.8
12.5°	2068.6	1955.4	1695.1	1454.5	1318.0	1231.8	1129.5	1010.9	933.7	831.4	800.9
15°	2039.8	1901.6	1626.8	1388.0	1255.1	1113.3	996.6	879.9	779.3	671.6	633.9
17.5°	2138.6	1978.8	1625.0	1334.2	1147.4	994.8	833.2	702.1	599.7	501.0	477.6
20°	2305.6	2061.4	1677.1	1301.8	1045.1	840.4	657.2	526.1	411.2	346.6	330.4
22.5°	2495.9	2201.4	1682.5	1215.6	942.7	685.9	479.4	346.6	281.9	251.4	242.4
25°	2729.4	2425.9	1747.1	1145.6	822.4	520.7	341.2	265.8	228.0	210.1	206.5
27.5°	2921.5	2582.1	1817.2	1072.0	703.9	386.1	267.5	217.3	197.5	179.6	177.8
30°	3120.8	2761.7	1836.9	1027.1	601.5	317.8	229.8	192.1	170.6	161.6	159.8
32.5°	3295.0	2957.4	1899.8	953.5	504.6	280.1	208.3	172.4	158.0	143.7	141.9
35°	3519.4	3070.5	1930.3	914.0	468.7	253.2	190.3	158.0	136.5	127.5	123.9
37.5°	3760.1	3180.1	1950.1	883.5	438.1	237.0	179.6	149.0	129.3	116.7	113.1
40°	3984.5	3334.5	1921.3	845.7	414.8	217.3	172.4	138.3	120.3	107.7	102.4
42.5°	4156.9	3485.3	1912.3	809.8	389.7	210.1	163.4	132.9	113.1	98.8	97.0
45°	4253.8	3587.7	1849.5	781.1	369.9	213.7	159.8	125.7	107.7	95.2	88.0
47.5°	4230.5	3666.7	1865.7	772.1	343.0	199.3	158.0	120.3	98.8	88.0	82.6
50°	4359.8	3826.5	1838.7	743.4	323.2	179.6	172.4	120.3	97.0	84.4	79.0
52.5°	4381.3	3971.9	1896.2	691.3	292.7	165.2	170.6	118.5	93.4	80.8	73.6
55°	4560.9	4140.7	2007.5	662.6	267.5	143.7	156.2	114.9	84.4	73.6	70.0
57.5°	4805.1	4490.9	2079.3	635.7	233.4	125.7	131.1	113.1	77.2	68.2	62.8
60°	5040.3	4630.9	2084.7	587.2	201.1	113.1	102.4	113.1	71.8	61.1	55.7
62.5°	5216.3	4630.9	2048.8	545.9	176.0	100.6	89.8	107.7	64.6	53.9	50.3
65°	5121.1	4507.0	1955.4	511.8	159.8	88.0	77.2	82.6	57.5	46.7	43.1
67.5°	4950.6	4121.0	1748.9	470.5	158.0	77.2	66.4	61.1	50.3	41.3	37.7
70°	4677.6	3600.2	1456.3	423.8	154.4	70.0	59.3	52.1	44.9	35.9	32.3
72.5°	3769.0	2973.6	1195.9	396.8	150.8	61.1	50.3	44.9	37.7	30.5	26.9
75°	2610.8	1899.8	921.2	339.4	147.2	55.7	46.7	39.5	32.3	25.1	23.3
77.5°	1565.8	1269.5	594.4	255.0	97.0	44.9	39.5	30.5	26.9	21.5	19.8
80°	732.6	599.7	240.6	98.8	46.7	32.3	26.9	23.3	21.5	18.0	16.2
82.5°	287.3	253.2	116.7	57.5	37.7	25.1	21.5	19.8	18.0	14.4	12.6
85°	154.4	136.5	55.7	39.5	26.9	18.0	18.0	16.2	14.4	12.6	10.8
87.5°	34.1	25.1	23.3	23.3	19.8	14.4	14.4	12.6	10.8	9.0	7.2
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°	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2
2.5°	2219.4	2246.3	2203.2	2230.2	2192.5	2221.2	2224.8	2197.9	2205.0	2240.9	2257.1
5°	1890.8	1872.8	1833.3	1820.8	1822.6	1799.2	1808.2	1820.8	1840.5	1851.3	1883.6
7.5°	1362.9	1404.2	1402.4	1432.9	1434.7	1431.1	1406.0	1352.1	1370.1	1355.7	1373.7
10°	975.0	993.0	1027.1	1046.9	1082.8	1063.0	1005.6	984.0	973.2	971.4	989.4
12.5°	779.3	736.2	732.6	739.8	757.8	734.4	705.7	680.5	693.1	718.3	738.0
15°	603.3	567.4	520.7	513.6	517.1	506.4	475.8	443.5	452.5	477.6	492.0
17.5°	463.3	422.0	389.7	368.1	360.9	323.2	278.3	251.4	244.2	242.4	255.0
20°	312.4	305.3	299.9	272.9	272.9	219.1	181.4	161.6	161.6	165.2	167.0
22.5°	233.4	224.5	226.2	220.9	206.5	163.4	143.7	138.3	138.3	141.9	141.9
25°	202.9	190.3	186.7	184.9	170.6	140.1	125.7	120.3	120.3	123.9	123.9
27.5°	172.4	168.8	163.4	156.2	143.7	120.3	111.3	105.9	107.7	109.5	107.7
30°	158.0	149.0	141.9	141.9	127.5	107.7	100.6	97.0	93.4	97.0	98.8
32.5°	140.1	134.7	131.1	125.7	109.5	95.2	88.0	84.4	82.6	82.6	84.4
35°	120.3	120.3	116.7	109.5	95.2	86.2	77.2	73.6	71.8	73.6	73.6
37.5°	107.7	102.4	104.1	97.0	84.4	75.4	66.4	62.8	62.8	61.1	62.8
40°	100.6	91.6	86.2	82.6	75.4	64.6	57.5	53.9	52.1	52.1	52.1
42.5°	89.8	82.6	71.8	70.0	68.2	55.7	46.7	44.9	43.1	41.3	41.3
45°	84.4	73.6	64.6	55.7	55.7	46.7	39.5	35.9	34.1	32.3	34.1
47.5°	77.2	66.4	55.7	46.7	44.9	37.7	30.5	26.9	25.1	25.1	25.1
50°	73.6	59.3	48.5	39.5	34.1	30.5	23.3	19.8	18.0	18.0	18.0
52.5°	68.2	55.7	43.1	34.1	26.9	23.3	18.0	14.4	12.6	12.6	12.6
55°	61.1	50.3	37.7	28.7	23.3	18.0	12.6	9.0	7.2	7.2	7.2
57.5°	57.5	44.9	32.3	25.1	18.0	12.6	7.2	5.4	5.4	3.6	5.4
60°	52.1	39.5	26.9	19.8	14.4	9.0	5.4	1.8	1.8	1.8	1.8
62.5°	44.9	34.1	23.3	16.2	10.8	5.4	1.8	0.0	0.0	0.0	0.0
65°	37.7	26.9	18.0	12.6	7.2	1.8	0.0	0.0	0.0	0.0	0.0
67.5°	32.3	23.3	14.4	9.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	28.7	19.8	10.8	7.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	23.3	16.2	9.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	19.8	12.6	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	16.2	9.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	12.6	7.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	10.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	7.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.4	1.8	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: P599486
 CATALOG NUMBER: IFLD-S-SA2A-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2	2528.2
2.5°	2280.5	2269.7	2323.5	2411.5	2456.4	2544.4	2566.0	2621.6	2607.3	2627.0
5°	1887.2	1908.8	1987.8	2117.0	2163.7	2291.2	2411.5	2531.8	2609.1	2646.8
7.5°	1400.6	1472.4	1569.4	1687.9	1808.2	1975.2	2179.9	2320.0	2395.4	2476.2
10°	1043.3	1120.5	1231.8	1348.5	1544.2	1731.0	1935.7	2109.9	2174.5	2249.9
12.5°	820.6	940.9	1070.2	1195.9	1312.6	1490.4	1743.6	1996.7	2066.8	2124.2
15°	571.0	718.3	903.2	1066.6	1230.0	1384.4	1646.6	1953.6	2048.8	2145.8
17.5°	316.0	432.7	644.6	874.5	1115.1	1352.1	1678.9	2032.7	2176.3	2244.5
20°	183.2	229.8	380.7	653.6	971.4	1282.1	1695.1	2181.7	2372.0	2406.1
22.5°	150.8	167.0	215.5	409.4	795.5	1237.2	1777.7	2390.0	2583.9	2664.7
25°	129.3	141.9	167.0	246.0	601.5	1142.0	1829.7	2650.4	2829.9	2917.9
27.5°	114.9	127.5	147.2	181.4	409.4	1010.9	1915.9	2885.6	3065.1	3185.4
30°	100.6	111.3	131.1	154.4	283.7	863.7	1989.6	3058.0	3311.1	3348.9
32.5°	89.8	98.8	113.1	132.9	210.1	655.4	2048.8	3235.7	3449.4	3532.0
35°	77.2	88.0	97.0	113.1	159.8	493.8	2012.9	3374.0	3652.3	3751.1
37.5°	68.2	75.4	84.4	95.2	134.7	386.1	1939.3	3539.2	3826.5	3918.1
40°	57.5	62.8	73.6	84.4	122.1	298.1	1854.9	3738.5	4070.7	4232.3
42.5°	48.5	53.9	61.1	79.0	100.6	220.9	1684.3	3892.9	4268.2	4404.7
45°	37.7	44.9	55.7	79.0	80.8	163.4	1508.3	4007.8	4379.5	4447.8
47.5°	28.7	35.9	53.9	68.2	64.6	113.1	1300.0	4138.9	4494.5	4557.3
50°	21.5	28.7	61.1	59.3	53.9	86.2	1169.0	4230.5	4501.6	4535.8
52.5°	14.4	21.5	50.3	44.9	44.9	75.4	1133.0	4226.9	4519.6	4446.0
55°	10.8	16.2	28.7	32.3	39.5	66.4	1100.7	4361.6	4525.0	4577.1
57.5°	7.2	12.6	19.8	25.1	34.1	57.5	1034.3	4523.2	4692.0	4718.9
60°	3.6	9.0	14.4	19.8	28.7	50.3	940.9	4641.7	4894.9	4923.6
62.5°	1.8	5.4	10.8	16.2	23.3	39.5	843.9	4453.2	4806.9	4857.2
65°	0.0	3.6	7.2	10.8	14.4	28.7	685.9	4020.4	4458.6	4643.5
67.5°	0.0	0.0	3.6	7.2	9.0	21.5	517.1	3657.7	4137.1	4388.5
70°	0.0	0.0	1.8	1.8	5.4	16.2	330.4	3029.2	3693.6	3831.9
72.5°	0.0	0.0	0.0	0.0	1.8	10.8	192.1	2249.9	2894.6	3151.3
75°	0.0	0.0	0.0	0.0	0.0	9.0	97.0	1447.3	2014.7	2359.5
77.5°	0.0	0.0	0.0	0.0	0.0	7.2	52.1	933.7	1485.0	1774.1
80°	0.0	0.0	0.0	0.0	0.0	1.8	30.5	542.3	949.9	1151.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	12.6	265.8	567.4	664.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	3.6	141.9	283.7	373.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	19.8	37.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)